



CALL NO. 200

CONTRACT ID. 151207

HENDERSON - HOPKINS - WEBSTER COUNTIES

FED/STATE PROJECT NUMBER 121GR15D007-NHPP

DESCRIPTION I-69 CORRIDOR SIGNING (IN HENDERSON-HOPKINS-WEBSTER)

WORK TYPE SIGNS

PRIMARY COMPLETION DATE 10/15/2015

LETTING DATE: March 20,2015

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME March 20,2015. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

NO PLANS ASSOCIATED WITH THIS PROJECT.

DBE CERTIFICATION REQUIRED - 10%

REQUIRED BID PROPOSAL GUARANTY: Not less than 5% of the total bid.

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PART I

SCOPE OF WORK

ADMINISTRATIVE DISTRICT - 02

CONTRACT ID - 151207
121GR15D007-NHPP
COUNTY - HENDERSON
PCN - DE05100691507
NHPP 0411 (23)

I-69 CORRIDOR SIGNING (EB 9004 AND US 41 IN HENDERSON) I-69 CORRIDOR SIGNING BETWEEN MP 65.305 ON EB 9004 AND MP 20.977 ON US 41 TO MEET INTERSTATE STANDARDS (I-69 CORRIDOR IMPROVEMENT), A DISTANCE OF 036.40 MILES.SIGNS SYP NO. 02-00232.01.
GEOGRAPHIC COORDINATES LATITUDE 37:15:09.00 LONGITUDE 87:27:01.00

COUNTY - HOPKINS
PCN - DE05400691507
NHPP 0411 (23)

I-69 CORRIDOR SIGNING (EB 9004 IN HOPKINS) I-69 CORRIDOR SIGNING BETWEEN MP 35.590 AND MP 55.003 TO MEET INTERSTATE STANDARDS (I-69 CORRIDOR IMPROVEMENT), A DISTANCE OF 019.41 MILES.SIGNS SYP NO. 02-00232.01.
GEOGRAPHIC COORDINATES LATITUDE 37:15:09.00 LONGITUDE 87:27:01.00

COUNTY - WEBSTER
PCN - DE11700691507
NHPP 0411 (23)

I-69 CORRIDOR SIGNING (EB 9004 IN WEBSTER) I-69 CORRIDOR SIGNING BETWEEN MP 55.003 AND MP 65.305 TO MEET INTERSTATE STANDARDS (I-69 CORRIDOR IMPROVEMENT), A DISTANCE OF 010.30 MILES.SIGNS SYP NO. 02-00232.01.
GEOGRAPHIC COORDINATES LATITUDE 37:15:09.00 LONGITUDE 87:27:01.00

COMPLETION DATE(S):
COMPLETED BY 10/15/2015 APPLIES TO ENTIRE CONTRACT

CONTRACT NOTES

PROPOSAL ADDENDA

All addenda to this proposal must be applied when calculating bid and certified in the bid packet submitted to the Kentucky Department of Highways. Failure to use the correct and most recent addenda may result in the bid being rejected.

BID SUBMITTAL

Bidder must use the Department's Expedite Bidding Program available on the Internet web site of the Department of Highways, Division of Construction Procurement. (www.transportation.ky.gov/construction-procurement)

The Bidder must download the bid file located on the Bid Express website (www.bidx.com) to prepare a bid packet for submission to the Department. The bidder must submit electronically using Bid Express.

JOINT VENTURE BIDDING

Joint venture bidding is permissible. All companies in the joint venture must be prequalified in one of the work types in the Qualifications for Bidders for the project. The bidders must get a vendor ID for the joint venture from the Division of Construction Procurement and register the joint venture as a bidder on the project. Also, the joint venture must obtain a digital ID from Bid Express to submit a bid. A joint bid bond of 5% may be submitted for both companies or each company may submit a separate bond of 5%.

UNDERGROUND FACILITY DAMAGE PROTECTION

The contractor is advised that the Underground Facility Damage Protection Act of 1994, became law January 1, 1995. It is the contractor's responsibility to determine the impact of the act regarding this project, and take all steps necessary to be in compliance with the provision of the act.

SPECIAL NOTE FOR PIPE INSPECTION

Contrary to Section 701.03.08 of the 2012 Standard Specifications for Road and Bridge Construction and Kentucky Method 64-114, certification by the Kentucky Transportation Center for prequalified Contractors to perform laser/video inspection is not required on this contract. It will continue to be a requirement for the Contractor performing any laser/video pipe inspection to be prequalified for this specialized item with the Kentucky Transportation Cabinet-Division of Construction Procurement.

SPECIAL NOTE FOR COMPOSITE OFFSET BLOCKS

Contrary to the Standard Drawings (2012 edition) the Cabinet will allow 6" composite offset blocks in lieu of wooden offset blocks, except as specified on proprietary end treatments and crash cushions. The composite blocks shall be selected from the Cabinet's List of Approved Materials.

REGISTRATION WITH THE SECRETARY OF STATE BY A FOREIGN ENTITY

Pursuant to KRS 176.085(1)(b), an agency, department, office, or political subdivision of the Commonwealth of Kentucky shall not award a state contract to a person that is a foreign entity required by [KRS 14A.9-010](#) to obtain a certificate of authority to transact business in the Commonwealth ("certificate") from the Secretary of State under [KRS 14A.9-030](#) unless the person produces the certificate within fourteen (14) days of the bid or proposal opening. If the foreign entity is not required to obtain a certificate as provided in [KRS 14A.9-010](#), the foreign entity should identify the applicable exception. Foreign entity is defined within [KRS 14A.1-070](#).

For all foreign entities required to obtain a certificate of authority to transact business in the Commonwealth, if a copy of the certificate is not received by the contracting agency within the time frame identified above, the foreign entity's solicitation response shall be deemed non-responsive or the awarded contract shall be cancelled.

Businesses can register with the Secretary of State at <https://secure.kentucky.gov/sos/ftbr/welcome.aspx>.

SPECIAL NOTE FOR PROJECT QUESTIONS DURING ADVERTISEMENT

Questions about projects during the advertisement should be submitted in writing to the Division of Construction Procurement. This may be done by fax (502) 564-7299 or email to kytc.projectquestions@ky.gov. The Department will attempt to answer all submitted questions. The Department reserves the right not to answer if the question is not pertinent or does not aid in clarifying the project intent.

The deadline for posting answers will be 3:00 pm Eastern Daylight Time, the day preceding the Letting. Questions may be submitted until this deadline with the understanding that the later a question is submitted, the less likely an answer will be able to be provided.

The questions and answers will be posted for each Letting under the heading "Questions & Answers" on the Construction Procurement website (www.transportation.ky.gov/contract). The answers provided shall be considered part of

this Special Note and, in case of a discrepancy, will govern over all other bidding documents.

HARDWOOD REMOVAL RESTRICTIONS

The US Department of Agriculture has imposed a quarantine in Kentucky and several surrounding states, to prevent the spread of an invasive insect, the emerald ash borer. Hardwood cut in conjunction with the project may not be removed from the state. Chipping or burning on site is the preferred method of disposal.

INSTRUCTIONS FOR EXCESS MATERIAL SITES AND BORROW SITES

Identification of excess material sites and borrow sites shall be the responsibility of the Contractor. The Contractor shall be responsible for compliance with all applicable state and federal laws and may wish to consult with the US Fish and Wildlife Service to seek protection under Section 10 of the Endangered Species Act for these activities.

ACCESS TO RECORDS

The contractor, as defined in KRS 45A.030 (9) agrees that the contracting agency, the Finance and Administration Cabinet, the Auditor of Public Accounts, and the Legislative Research Commission, or their duly authorized representatives, shall have access to any books, documents, papers, records, or other evidence, which are directly pertinent to this contract for the purpose of financial audit or program review. Records and other prequalification information confidentially disclosed as part of the bid process shall not be deemed as directly pertinent to the contract and shall be exempt from disclosure as provided in KRS 61.878(1)(c). The contractor also recognizes that any books, documents, papers, records, or other evidence, received during a financial audit or program review shall be subject to the Kentucky Open Records Act, KRS 61.870 to 61.884.

In the event of a dispute between the contractor and the contracting agency, Attorney General, or the Auditor of Public Accounts over documents that are eligible for production and review, the Finance and Administration Cabinet shall review the dispute and issue a determination, in accordance with Secretary's Order 11-004. (See attachment)

10/29/12



Steven L. Beshear
Governor

Commonwealth of Kentucky
Finance and Administration Cabinet
OFFICE OF THE SECRETARY
Room 383, Capitol Annex
702 Capital Avenue
Frankfort, KY 40601-3462
(502) 564-4240
Fax (502) 564-6785

Lori H. Flanery
Secretary

SECRETARY'S ORDER 11-004

FINANCE AND ADMINISTRATION CABINET

Vendor Document Disclosure

WHEREAS, in order to promote accountability and transparency in governmental operations, the Finance and Administration Cabinet believes that a mechanism should be created which would provide for review and assistance to an Executive Branch agency if said agency cannot obtain access to documents that it deems necessary to conduct a review of the records of a private vendor that holds a contract to provide goods and/or services to the Commonwealth; and

WHEREAS, in order to promote accountability and transparency in governmental operations, the Finance and Administration Cabinet believes that a mechanism should be created which would provide for review and assistance to an Executive Branch agency if said agency cannot obtain access to documents that it deems necessary during the course of an audit, investigation or any other inquiry by an Executive Branch agency that involves the review of documents; and

WHEREAS, KRS 42.014 and KRS 12.270 authorizes the Secretary of the Finance and Administration Cabinet to establish the internal organization and assignment of functions which are not established by statute relating to the Finance and Administration Cabinet; further, KRS Chapter 45A.050 and 45A.230 authorizes the Secretary of the Finance and Administration Cabinet to procure, manage and control all supplies and services that are procured by the Commonwealth and to intervene in controversies among vendors and state agencies; and

NOW, THEREFORE, pursuant to the authority vested in me by KRS 42.014, KRS 12.270, KRS 45A.050, and 45A.230, I, Lori H. Flanery, Secretary of the Finance and Administration Cabinet, do hereby order and direct the following:

- I. Upon the request of an Executive Branch agency, the Finance and Administration Cabinet ("FAC") shall formally review any dispute arising where the agency has requested documents from a private vendor that holds a state contract and the vendor has refused access to said documents under a claim that said documents are not directly pertinent or relevant to the agency's inquiry upon which the document request was predicated.
- II. Upon the request of an Executive Branch agency, the FAC shall formally review any situation where the agency has requested documents that the agency deems necessary to

conduct audits, investigations or any other formal inquiry where a dispute has arisen as to what documents are necessary to conclude the inquiry.

- III. Upon receipt of a request by a state agency pursuant to Sections I & II, the FAC shall consider the request from the Executive Branch agency and the position of the vendor or party opposing the disclosure of the documents, applying any and all relevant law to the facts and circumstances of the matter in controversy. After FAC's review is complete, FAC shall issue a Determination which sets out FAC's position as to what documents and/or records, if any, should be disclosed to the requesting agency. The Determination shall be issued within 30 days of receipt of the request from the agency. This time period may be extended for good cause.
- IV. If the Determination concludes that documents are being wrongfully withheld by the private vendor or other party opposing the disclosure from the state agency, the private vendor shall immediately comply with the FAC's Determination. Should the private vendor or other party refuse to comply with FAC's Determination, then the FAC, in concert with the requesting agency, shall effectuate any and all options that it possesses to obtain the documents in question, including, but not limited to, jointly initiating an action in the appropriate court for relief.
- V. Any provisions of any prior Order that conflicts with the provisions of this Order shall be deemed null and void.

FEDERAL CONTRACT NOTES

The Kentucky Department of Highways, in accordance with the Regulations of the United States Department of Transportation 23 CFR 635.112 (h), hereby notifies all bidders that failure by a bidder to comply with all applicable sections of the current Kentucky Standard Specifications, including, but not limited to the following, may result in a bid not being considered responsive and thus not eligible to be considered for award:

102.02 Current Capacity Rating 102.10 Delivery of Proposals
102.08 Irregular Proposals 102.14 Disqualification of Bidders
102.09 Proposal Guaranty

CIVIL RIGHTS ACT OF 1964

The Kentucky Department of Highways, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252) and the Regulations of the Federal Department of Transportation (49 C.F.R., Part 21), issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that the contract entered into pursuant to this advertisement will be awarded to the lowest responsible bidder without discrimination on the ground of race, color, or national origin.

NOTICE TO ALL BIDDERS

To report bid rigging activities call: 1-800-424-9071.

The U.S. Department of Transportation (DOT) operates the above toll-free “hotline” Monday through Friday, 8:00 a.m. to 5:00 p.m. eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the “hotline” to report such activities.

The “hotline” is part of the DOT’s continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

SECOND TIER SUBCONTRACTS

Second Tier subcontracts on federally assisted projects shall be permitted. However, in the case of DBE’s, second tier subcontracts will only be permitted where the other subcontractor is also a DBE. All second tier subcontracts shall have the consent of both the Contractor and the Engineer.

DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

It is the policy of the Kentucky Transportation Cabinet (“the Cabinet”) that Disadvantaged Business Enterprises (“DBE”) shall have the opportunity to participate in the performance of highway construction projects financed in whole or in part by Federal Funds in order to create a level playing field for all businesses who wish to contract with the Cabinet. To that end, the Cabinet will comply with the regulations found in 49 CFR Part 26, and the definitions and requirements contained therein shall be adopted as if set out verbatim herein.

The Cabinet, contractors, subcontractors, and sub-recipients shall not discriminate on the basis of race, color, national origin, or sex in the performance of work performed pursuant to Cabinet contracts. The contractor shall carry out applicable requirements of 49 CFR 26 in the award and administration of federally assisted highway construction projects. The contractor will include this provision in all its subcontracts and supply agreements pertaining to contracts with the Cabinet.

Failure by the contractor to carry out these requirements is a material breach of its contract with the Cabinet, which may result in the termination of the contract or such other remedy as the Cabinet deems necessary.

DBE GOAL

The Disadvantaged Business Enterprise (DBE) goal established for this contract, as listed on the front page of the proposal, is the percentage of the total value of the contract.

The contractor shall exercise all necessary and reasonable steps to ensure that Disadvantaged Business Enterprises participate in a least the percent of the contract as set forth above as goals for this contract.

OBLIGATION OF CONTRACTORS

Each contractor prequalified to perform work on Cabinet projects shall designate and make known to the Cabinet a liaison officer who is assigned the responsibility of effectively administering and promoting an active program for utilization of DBEs.

If a formal goal has not been designated for the contract, all contractors are encouraged to consider DBEs for subcontract work as well as for the supply of material and services needed to perform this work.

Contractors are encouraged to use the services of banks owned and controlled by minorities and women.

CERTIFICATION OF CONTRACT GOAL

Contractors shall include the following certification in bids for projects for which a DBE goal has been established. BIDS SUBMITTED WHICH DO NOT INCLUDE CERTIFICATION OF DBE PARTICIPATION WILL NOT BE ACCEPTED. These bids will not be considered for award by the Cabinet and they will be returned to the bidder.

“The bidder certifies that it has secured participation by Disadvantaged Business Enterprises (“DBE”) in the amount of ____ percent of the total value of this contract and that the DBE participation is in compliance with the requirements of 49 CFR 26 and the policies of the Kentucky Transportation Cabinet pertaining to the DBE Program.”

The certification statement is located in the electronic bid file. All contractors must certify their DBE participation on that page. DBEs utilized in achieving the DBE goal must be certified and prequalified for the work items at the time the bid is submitted.

DBE PARTICIPATION PLAN

Lowest responsive bidders must submit the *DBE Plan/ Subcontractor Request*, form TC 63-35 DBE, within 10 days of the letting. This is necessary before the Awards Committee will review and make a recommendation. **The project will not be considered for award prior to submission and approval of the apparent low bidder’s DBE Plan/Subcontractor Request.**

The DBE Participation Plan shall include the following:

- 1 Name and address of DBE Subcontractor(s) and/or supplier(s) intended to be used in the proposed project;
- 2 Description of the work each is to perform including the work item , unit, quantity, unit price and total amount of the work to be performed by the individual DBE. The Project Code Number (PCN), Category Number, and the Project Line Number can be found in the “material listing” on the Construction Procurement website under the specific letting;
- 3 The dollar value of each proposed DBE subcontract and the percentage of total project contract value this represents. DBE participation may be counted as follows; a) If DBE suppliers and manufactures assume actual and contractual responsibility, the dollar value of materials to be furnished will be counted toward the goal as follows:
 - The entire expenditure paid to a DBE manufacturer;
 - 60 percent of expenditures to DBE suppliers that are not manufacturers provided the supplier is a regular dealer in the product involved. A regular dealer must be engaged in, as its principal business and in its own name, the sale of products to

- the public, maintain an inventory and own and operate distribution equipment;
and
- The amount of fees or commissions charged by the DBE firms for a bona fide service, such as professional, technical, consultant, or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials, supplies, delivery of materials and supplies or for furnishing bonds, or insurance, providing such fees or commissions are determined to be reasonable and customary.
- b) The dollar value of services provided by DBEs such as quality control testing, equipment repair and maintenance, engineering, staking, etc.;
- c) The dollar value of joint ventures. DBE credit for joint ventures will be limited to the dollar amount of the work actually performed by the DBE in the joint venture;
- 4 Written and signed documentation of the bidder's commitment to use a DBE contractor whose participation is being utilized to meet the DBE goal; and
- 5 Written and signed confirmation from the DBE that it is participating in the contract as provided in the prime contractor's commitment.

UPON AWARD AND BEFORE A WORK ORDER WILL BE ISSUED

Contractors must submit the signed subcontract between the contractor and the DBE contractor, the DBE's certificate of insurance, and an affidavit for bidders, offerors, and contractors from the DBE to the Division of Construction Procurement. The affidavit can be found on the Construction Procurement website. If the DBE is a supplier of materials for the project, a signed purchase order and an affidavit for bidders, offerors, and contractors must be submitted to the Division of Construction Procurement.

Changes to DBE Participation Plans must be approved by the Cabinet. The Cabinet may consider extenuating circumstances including, but not limited to, changes in the nature or scope of the project, the inability or unwillingness of a DBE to perform the work in accordance with the bid, and/or other circumstances beyond the control of the prime contractor.

CONSIDERATION OF GOOD FAITH EFFORTS REQUESTS

If the DBE participation submitted in the bid by the apparent lowest responsive bidder does not meet or exceed the DBE contract goal, the apparent lowest responsive bidder must submit a Good Faith Effort Package to satisfy the Cabinet that sufficient good faith efforts were made to meet the contract goals prior to submission of the bid. Efforts to increase the goal after bid submission will not be considered in justifying the good faith effort, unless the contractor can show that the proposed DBE was solicited prior to the letting date. DBEs utilized in achieving the DBE goal must be certified and prequalified for the work items at the time the bid is submitted. One complete set and nine (9) copies of this information must be received in the

office of the Division of Contract Procurement no later than 12:00 noon of the tenth calendar day after receipt of notification that they are the apparent low bidder.

Where the information submitted includes repetitious solicitation letters it will be acceptable to submit a sample representative letter along with a distribution list of the firms solicited. Documentation of DBE quotations shall be a part of the good faith effort submittal as necessary to demonstrate compliance with the factors listed below which the Cabinet considers in judging good faith efforts. This documentation may include written subcontractors' quotations, telephone log notations of verbal quotations, or other types of quotation documentation.

The Good Faith Effort Package shall include, but may not be limited to information showing evidence of the following:

- 1 Whether the bidder attended any pre-bid meetings that were scheduled by the Cabinet to inform DBEs of subcontracting opportunities;
- 2 Whether the bidder provided solicitations through all reasonable and available means;
- 3 Whether the bidder provided written notice to all DBEs listed in the DBE directory at the time of the letting who are prequalified in the areas of work that the bidder will be subcontracting;
- 4 Whether the bidder followed up initial solicitations of interest by contacting DBEs to determine with certainty whether they were interested. If a reasonable amount of DBEs within the targeted districts do not provide an intent to quote or no DBEs are prequalified in the subcontracted areas, the bidder must notify the DBE Liaison in the Office of Minority Affairs to give notification of the bidder's inability to get DBE quotes;
- 5 Whether the bidder selected portions of the work to be performed by DBEs in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise perform these work items with its own forces;
- 6 Whether the bidder provided interested DBEs with adequate and timely information about the plans, specifications, and requirements of the contract;
- 7 Whether the bidder negotiated in good faith with interested DBEs not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached;
- 8 Whether quotations were received from interested DBE firms but were rejected as unacceptable without sound reasons why the quotations were considered unacceptable. The fact that the DBE firm's quotation for the work is not the lowest quotation received will not in itself be considered as a sound reason for rejecting the quotation as unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a DBE quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy DBE goals;
- 9 Whether the bidder specifically negotiated with subcontractors to assume part of the responsibility to meet the contract DBE goal when the work to be subcontracted includes potential DBE participation;
- 10 Whether the bidder made any efforts and/or offered assistance to interested DBEs in obtaining the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the

work requirements of the bid proposal; and

11 Any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include DBE participation.

FAILURE TO MEET GOOD FAITH REQUIREMENT

Where the apparent lowest responsive bidder fails to submit sufficient participation by DBE firms to meet the contract goal and upon a determination by the Good Faith Committee based upon the information submitted that the apparent lowest responsive bidder failed to make sufficient reasonable efforts to meet the contract goal, the bidder will be offered the opportunity to meet in person for administrative reconsideration. The bidder will be notified of the Committee's decision within 24 hours of its decision. The bidder will have 24 hours to request reconsideration of the Committee's decision. The reconsideration meeting will be held within two days of the receipt of a request by the bidder for reconsideration.

The request for reconsideration will be heard by the Office of the Secretary. The bidder will have the opportunity to present written documentation or argument concerning the issue of whether it met the goal or made an adequate good faith effort. The bidder will receive a written decision on the reconsideration explaining the basis for the finding that the bidder did or did not meet the goal or made adequate Good Faith efforts to do so.

The result of the reconsideration process is not administratively appealable to the Cabinet or to the United States Department of Transportation.

The Cabinet reserves the right to award the contract to the next lowest responsive bidder or to rebid the contract in the event that the contract is not awarded to the low bidder as the result of a failure to meet the good faith requirement.

SANCTIONS FOR FAILURE TO MEET DBE REQUIREMENTS OF THE PROJECT

Failure by the prime contractor to fulfill the DBE requirements of a project under contract or to demonstrate good faith efforts to meet the goal constitutes a breach of contract. When this occurs, the Cabinet will hold the prime contractor accountable, as would be the case with all other contract provisions. Therefore, the contractor's failure to carry out the DBE contract requirements shall constitute a breach of contract and as such the Cabinet reserves the right to exercise all administrative remedies at its disposal including, but not limited to the following:

- Disallow credit toward the DBE goal;
- Withholding progress payments;
- Withholding payment to the prime in an amount equal to the unmet portion of the contract goal; and/or
- Termination of the contract.

PROMPT PAYMENT

The prime contractor will be required to pay the DBE within seven (7) working days after he or she has received payment from the Kentucky Transportation Cabinet for work performed or materials furnished.

CONTRACTOR REPORTING

All contractors must keep detailed records and provide reports to the Cabinet on their progress in meeting the DBE requirement on any highway contract. These records may include, but shall not be limited to payroll, lease agreements, cancelled payroll checks, executed subcontracting agreements, etc. Prime contractors will be required to submit certified reports on monies paid to each DBE subcontractor or supplier utilized to meet a DBE goal. **These reports must be submitted within 14 days of payment made to the DBE contractor.**

Payment information that needs to be reported includes date the payment is sent to the DBE, check number, Contract ID, amount of payment and the check date. Before Final Payment is made on this contract, the Prime Contractor will certify that all payments were made to the DBE subcontractor and/or DBE suppliers.

The Prime Contractor should supply the payment information at the time the DBE is compensated for their work. Form to use is located at:

<http://transportation.ky.gov/Construction/Pages/Subcontracts.aspx>

The prime contractor should notify the KYTC Office of Civil Rights and Small Business Development seven (7) days prior to DBE contractors commencing work on the project. The contact is Melvin Bynes and the telephone number is (502) 564-3601.

Photocopied payments and completed form to be submitted to: Office of Civil Rights and Small Business Development 6th Floor West 200 Mero Street Frankfort, KY 40622

DEFAULT OR DECERTIFICATION OF THE DBE

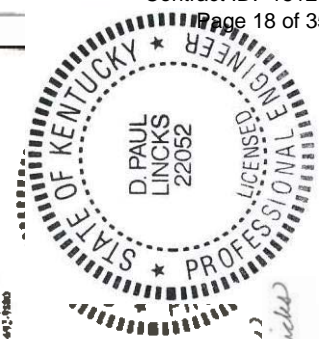
If the DBE subcontractor or supplier is decertified or defaults in the performance of its work, and the overall goal cannot be credited for the uncompleted work, the prime contractor may utilize a substitute DBE or elect to fulfill the DBE goal with another DBE on a different work item. If after exerting good faith effort in accordance with the Cabinet's Good Faith Effort policies and procedures, the prime contractor is unable to replace the DBE, then the unmet portion of the goal may be waived at the discretion of the Cabinet.

06/20/2014

EXPEDITE PROJECT WORK ORDER

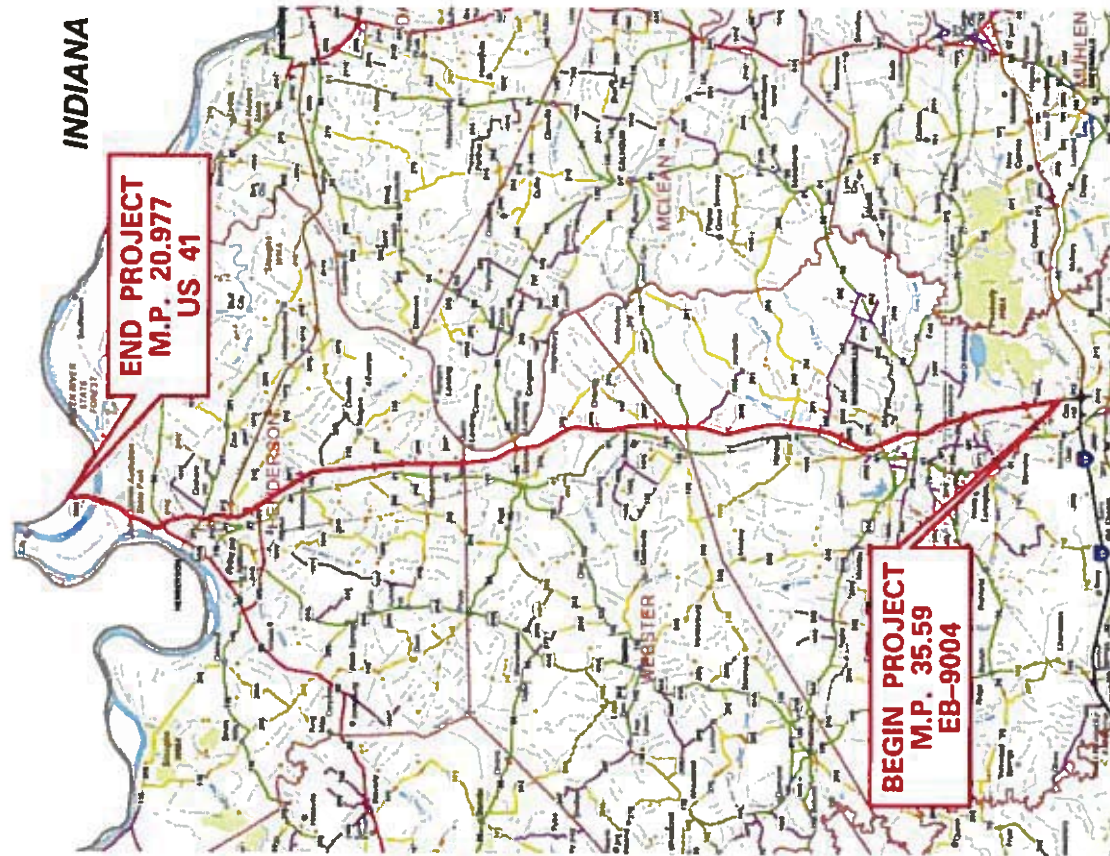
The Contractor may request that the Department expedite the work order for this project to allow for maximization of time to complete the work. In order for the Department to accomplish this task, the Contractor may be required to “hand carry” all required project documentation to facilitate the process. Immediately UPON NOTIFICATION OF AWARD OF THE CONTRACT, deliver required project documentation to:

Division of Construction Procurement
200 Mero St.
Frankfort, KY 40602



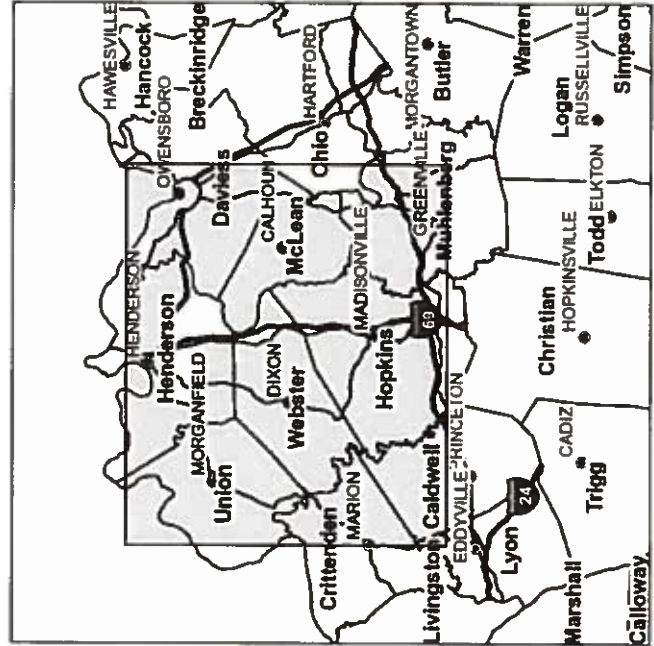
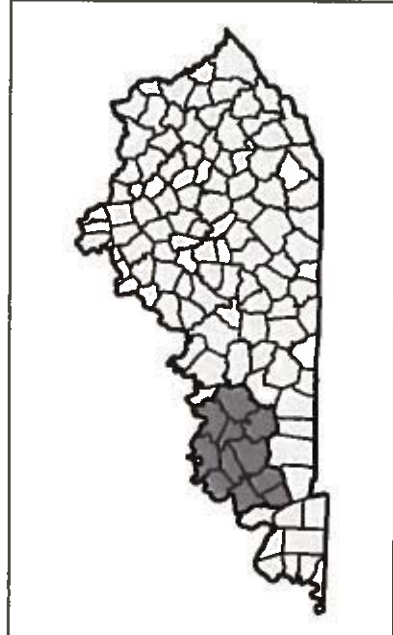
3 INCH Circle, U.S. 400
Standard, KY 40001
502-491-1700

INDIANA



END PROJECT
M.P. 20.977
US 41

BEGIN PROJECT
M.P. 35.59
EB-9004



CONSTRUCTION NUMBER: NHPP 0411 (23), FD52 054 9004 037-055, FD52 117 9004 055-066, FD52 051 9004 065-074

ITEM NUMBER: 2-232.01 LETTING DATE: 03 / 20 / 2015

RECOMMENDED BY: JOHN RUDD DATE: 02 / 3 / 2015

PLAN APPROVED BY: [Signature] DATE: 2/4/2015

FHWA APPROVED BY: _____ DATE: _____

Project Manager
State Highway Engineer

GENERAL SCOPE OF WORK

COUNTY OF	ITEM NO.
HOPKINS WEBSTER HENDERSON	2-232.01

Hopkins County:

Sign replacement as outlined in the proposal from MP 35.59 EB 9004 to the Hopkins/Webster County Line at MP 55.003 EB 9004. Includes sheet signing replacement on crossroads at interchanges at Exits 40 (Earlington/Madisonville), 42 (Madisonville/Central City), 44 (Madisonville/Providence), 45 (Madisonville), 49 (Hanson) and 54 (Dixon/Calhoun). Pavement striping and markings on mainline between Exits 44 and 45 as shown in the striping detail. Wrong way arrow pavement markings at off-ramp terminilocations at interchanges specified in proposal. Also includes construction of guardrail, flexible delineators, overhead sign trusses with foundations, mile markers, reference markers and other items as specified in the proposal.

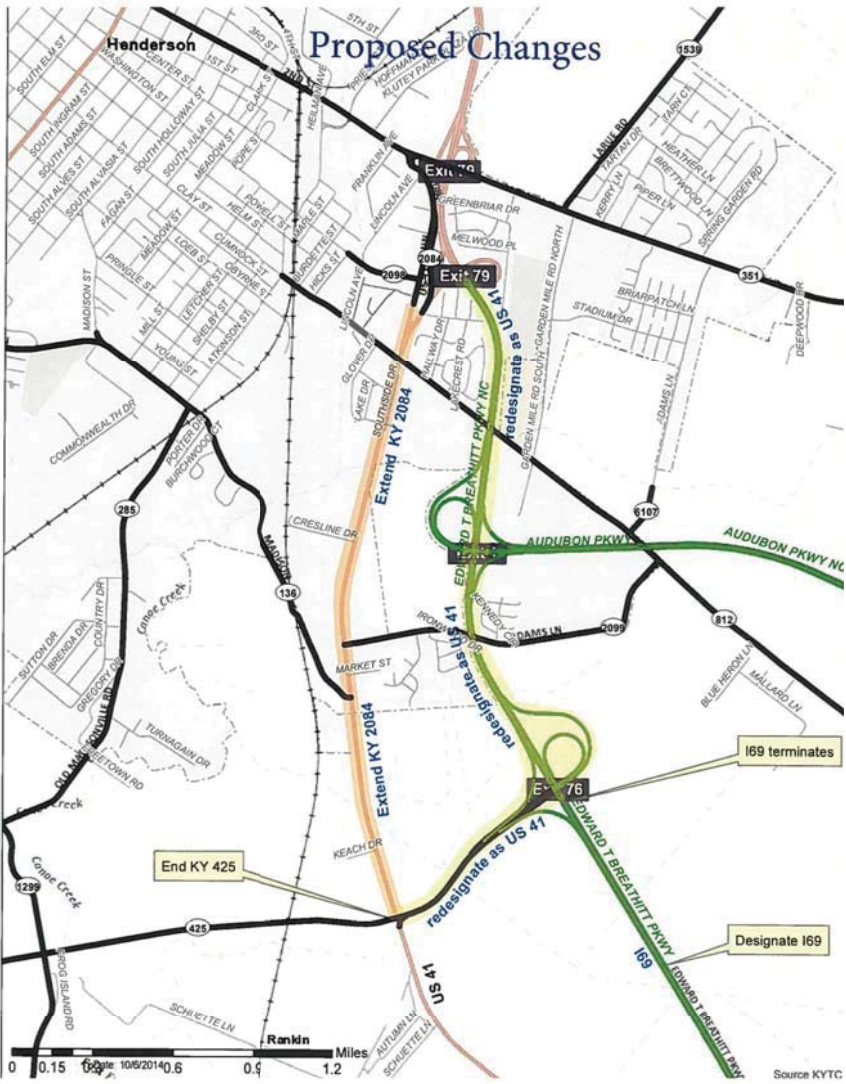
Webster County:

Sign replacement as outlined in the proposal from the Hopkins/Webster County Line at MP 55.003 EB 9004 to the Webster/Henderson County Line at MP 65.305 EB 9004. Includes sheet signing replacement on the crossroad at interchange Exit 63 (Sebree/Owensboro) as specified in the proposal. Includes construction and modification of panel signs as specified in the proposal. Also includes construction of mile markers, reference markers and other items as specified in the proposal.

Henderson County:

Sign replacement as outlined in the proposal from the Webster/Henderson County Line at MP 65.305 EB 9004 to the Kentucky/Indiana State Line at MP 20.977. EB 9004 will become I-69 and US 41. I-69 will terminate at MP 76.254 EB 9004 at the existing KY 425 overpass. At this same location US 41 is being rerouted and will intersect the terminus of I-69 at MP 11.525 US 41. US 41 will proceed north along existing EB 9004 where it will tie to existing US 41 (see map below). Includes signing replacement on crossroads at interchanges Exits 68 (Robards/Niagara), 76 (Morganfield), 77 (Owensboro), 78 (41 South), 79 (Zion/Henderson), 81A&B (Owensboro/Henderson) and on KY 2084 as specified in the proposal. Also includes construction of guardrail, overhead sign trusses with foundations, overhead sign bridge attachment brackets, mile markers, reference markers and other items as specified in the proposal.

Map showing proposed route changes for I-69 and US 41 in Henderson County



Item No. 2-232.01
Hopkins, Webster, Henderson Cos.

Special Note for Route Designation Display

The Contractor is advised that no signs depicting the change in designation of the Breathitt Parkway to I-69 will be displayed prior to the contract award of the Morton's Gap Interchange project (2-232.02). That project is currently scheduled to be let on May 29, 2015. The Engineer will advise the contractor when the signs may be displayed. This note is not intended to delay construction of sign appurtenances. A delay in the letting for 2-232.02 will not be sufficient justification for delay claims from the Contractor on this project.

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January 29, 2015

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I-69

HOPKINS COUNTY

ESTIMATE OF SIGNING QUANTITIES

ITEM NO. 2-232

ITEM NUMBER	ITEM	UNIT	QUANTITY

- (1) QUANTITY IS ESTIMATED. THE EXACT LENGTH SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

(16) LUMP SUM ITEMS SHALL BE BID AS A UNIT OF ONE BUT SHALL INCLUDE ALL THREE COUNTIES.
- (2) WHERE REQUIRED, BRACING FOR SHEETING SIGNS SHALL BE INCIDENTAL TO STEEL POST. SEE SHEETING SIGN DETAIL SHEET.
- (3) ALL MATERIALS REMOVED AND NOT REUSED, SUCH AS SIGNS, SIGN POSTS, SIGN SUPPORTS, ETC. SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- (4) THE REMOVAL OF ALL TYPE I OR II POSTS AND ALL SHEETING SIGNS SHALL BE INCIDENTAL TO THE PROJECT WITH NO ADDITIONAL PAYMENT BEING ALLOWED.
- (5) 2" X 12 GA. TYPE I POSTS SHALL BE USED UNLESS OTHERWISE STATED IN THE PROPOSAL.
TYPE II POSTS MAY BE USED IN PLACE OF TYPE I POSTS FOR 0.080 GA. SHEET SIGNS IF THE POST MEETS MANUFACTURER SPECIFICATIONS FOR 90 MPH WINDLOADS.
- (6) WHERE THE REMOVAL OF BEAM SIGN SUPPORTS IS CALLED FOR, THE BEAM AND ANY CONCRETE PROJECTING ABOVE THE GROUND LINE ARE TO BE CUT OFF A MINIMUM OF ONE FOOT BELOW THE EXISTING GROUND LINE OR THE ENTIRE BEAM AND CONCRETE BASE ARE TO BE REMOVED COMPLETELY AND BACKFILLED TO THE EXISTING GROUND LINE.
- (7) THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AT THE PANEL SIGN AND TRUSS LOCATIONS. A CROSS SECTION SHALL BE DEVELOPED TO VERIFY BEAM AND TRUSS LENGTHS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. BEAM AND TRUSS LENGTHS SHOWN IN THE PLANS ARE FOR INFORMATION ONLY.
- (8) PAYMENT FOR GROUND MOUNTED SIGN SUPPORTS TYPE A AND TYPE C SHALL BE BASED ON THE NOMINAL WEIGHT OF THE BEAMS. THE NECESSARY GALVANIZING, HARDWARE, ETC. IS TO BE CONSIDERED INCIDENTAL. QUANTITIES FOR TYPE C SUPPORTS SHALL INCLUDE ALL NECESSARY HARDWARE TO FORM COMPLETE BREAK-AWAY BEAMS. SEE PANEL SIGN DETAIL SHEET
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- (13) ARROW PANEL TO BE USED FOR ENTIRE PROJECT
- (14) QUANTITY SHALL INCLUDE W-BARS AND ALL HARDWARE NECESSARY FOR ATTACHING SIGNS TO SUPPORTS.
- (15) WHEN A TERMINAL END SECTION, GUARDRAIL END TREATMENT OR GUARDRAIL BRIDGE END CONNECTOR IS CONNECTED TO GUARDRAIL THAT IS BEING REMOVE, IT WILL NOT BE MEASURED FOR PAYMENT. THE REMOVAL OF THESE ITEMS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM, "REMOVE GUARDRAIL".
THE CONTRACTOR SHALL DELIVER EXISTING SALVAGED GUARDRAIL SYSTEM MATERIALS TO THE CENTRAL SIGN SHOP AND RECYCLE CENTER AT 1224 WILKINSON BLVD IN FRANKFORT, KY. CONTACT SECTION SUPERVISOR AT (502)564-8187 TO SCHEDULE THE DELIVERY OF MATERIAL. DELIVER THE MATERIAL BETWEEN THE HOURS OF 8:00AM AND 3:30PM, MONDAY THROUGH FRIDAY.

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WEBSTER COUNTY

ESTIMATE OF SIGNING QUANTITIES

ITEM NO. 2-232

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TYPE II POSTS MAY BE USED IN PLACE OF TYPE I POSTS FOR 0.080 GA. SHEET SIGNS IF THE POST MEETS MANUFACTURER SPECIFICATIONS FOR 90 MPH WINDLOADS.
- (6) WHERE THE REMOVAL OF BEAM SIGN SUPPORTS IS CALLED FOR, THE BEAM AND ANY CONCRETE PROJECTING ABOVE THE GROUND LINE ARE TO BE CUT OFF A MINIMUM OF ONE FOOT BELOW THE EXISTING GROUND LINE OR THE ENTIRE BEAM AND CONCRETE BASE ARE TO BE REMOVED COMPLETELY AND BACKFILLED TO THE EXISTING GROUND LINE.
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- (8) PAYMENT FOR GROUND MOUNTED SIGN SUPPORTS TYPE A AND TYPE C SHALL BE BASED ON THE NOMINAL WEIGHT OF THE BEAMS. THE NECESSARY GALVANIZING, HARDWARE, ETC. IS TO BE CONSIDERED INCIDENTAL. QUANTITIES FOR TYPE C SUPPORTS SHALL INCLUDE ALL NECESSARY HARDWARE TO FORM COMPLETE BREAK-AWAY BEAMS. SEE PANEL SIGN DETAIL SHEET
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ITEM NUMBER	ITEM	UNIT	QUANTITY
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	1
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	3
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH	14
2381	REMOVE GUARDRAIL (15)	LF	989
2396	REMOVE GUARDRAIL END TREATMENT	EACH	10
2568	MOBILIZATION (16)	LS	1
2569	DEMOBILIZATION (16)	LS	1
2650	MAINTAIN & CONTROL TRAFFIC (16)	LS	1
2775	ARROW PANEL (13)	EACH	1
4903	REFERENCE MARKER (11)	EACH	110
6400	GMSS GALV STEEL TYPE A (8)	LB	19630
6405	SBM ALUMINUM PANEL SIGNS (12)	SOFT	14136
6406	SMB ALUM SHEET SIGN .080 IN	SOFT	165
6407	SMB ALUM SHEET SIGN .125 IN	SOFT	595
6410	STEEL POST TYPE 1 (1) (2) (5)	LF	742
6412	STEEL POST MILE MARKERS (11)	EACH	42
6419	OSS ALUMINUM 50 FT TRUSS (14)	EACH	1
6420	OSS ALUMINUM 55 FT TRUSS (14)	EACH	3
6422	OSS ALUMINUM 60 FT TRUSS (14)	EACH	2
6424	OSS ALUMINUM 65 FT TRUSS (14)	EACH	1
6426	OSS ALUMINUM 70 FT TRUSS (14)	EACH	3
6438	OSS ALUMINUM 80 FT TRUSS (14)	EACH	1
6441	GMSS GALV STEEL TYPE C (8)	LB	24802
6448	SIGN BRIDGE ATTACHMENT BRACKET	EACH	6
6449	REM OVERHEAD SIGN SUPPORT STR	EACH	17
6450	REM OVERHEAD STRUC CONC BASE	EACH	34
6451	REMOVE SIGN SUPPORT BEAM (6)	EACH	76
6457	OSS ALUMINUM 105 FT TRUSS (14)	EACH	2
6459	OSS ALUMINUM 110 FT TRUSS (14)	EACH	1
6463	OSS ALUMINUM 120 FT TRUSS (14)	EACH	1
6490	CLASS A CONCRETE FOR SIGNS	CUYD	503
6491	STEEL REINFORCEMENT FOR SIGNS	LB	38672
20418ED	REMOVE & RELOCATE SIGNS	EACH	2
20419ND	ROADWAY CROSS SECTION (7)	EACH	51
21373ND	REMOVE SIGN (9)	EACH	89
21596ND	GMSS TYPE D	EACH	33
21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	LF	762.5
23639ED	REM SIGN BRIDGE MOUNT ATTACHMENT	EACH	6
24631EC	BARCODE SIGN INVENTORY (10)	EACH	65

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HENDERSON COUNTY

ESTIMATE OF SIGNING QUANTITIES

ITEM NO. 2-232

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PROJECT REFERENCE

FOR MILEPOINTS GIVEN IN THE PLANS, THE FOLLOWING WAS USED AS REFERENCE:
 STATIONING SHOWN IS IN REFERENCE TO ITEM NO. 2-225
 STATION 1000+00 I-69 NB = MILEPOINT 105.21
 STATION 1102+81.33 I-69 NB = MILEPOINT 107.16
 MP 76.254 PENNYRILE PARKWAY = MP 148.068 I-69 = MP 11.525 US 41

APPLICABLE PUBLICATIONS

KYTC 2012 DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
 CONSTRUCTION (HEREIN REFERRED TO AS THE 'KYTC SPEC BOOK')
 FHWA STANDARD HIGHWAY SIGNS, CURRENT EDITION
 FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION
 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS,
 LUMINAIRES, AND TRAFFIC SIGNALS, 5TH EDITION
 KYTC 2012 STANDARD DRAWINGS

AUTHORIZED COPIES OF KYTC'S STANDARD DRAWINGS BOOK
 CAN BE OBTAINED FROM:
 KENTUCKY TRANSPORTATION CABINET
 OFFICE OF HUMAN RESOURCE MANAGEMENT
 200 MERO STREET
 FRANKFURT, KY 40622
 PHONE: (502) 564-4610

SCOPE OF WORK

TO FURNISH, FABRICATE AND ERECT IN PLACE ALL MATERIALS NECESSARY TO FORM
 COMPLETED SIGNS AS INDICATED AT LOCATIONS DESCRIBED ELSEWHERE IN THESE
 PLANS.

RETROFLECTIVE MATERIALS

SEE SECTION 830 OF THE KYTC SPEC BOOK. PERMANENT SHEETING SIGNS SHALL CONFORM
 TO ASTM D 4956, TYPE III SHEETING.

IN THE EVENT THAT GLASS BEAD ENCAPSULATED TYPE III SHEETING IS UTILIZED IT
 SHALL CONSIST OF:

RETROFLECTIVE SHEETING HAVING AN INTEGRAL OR AIR CAVITY
 BETWEEN THE FRONT SURFACE AND THE OPTICAL ELEMENTS,
 MOUNTED ON AND FULLY COVERING ALUMINUM BASE COPY STOCK
 NOT OTHERWISE EMBOSSED OR CRIMPED BUT HAVING SUFFICIENT
 THICKNESS AND RIGIDITY TO PREVENT WARPING WHEN MOUNTED
 OR FASTENED TO THE SIGN PANEL.

ALL RETROFLECTIVE MATERIALS SHALL BE FABRICATED AND ASSEMBLED IN ACCORDANCE
 WITH MANUFACTURER'S SPECIFICATIONS AND/OR RECOMMENDATIONS.

SIGN POSTS

SEE SECTION 832 OF THE KYTC SPEC BOOK.

BEAMS SHALL BE A-36 STEEL GALVANIZED IN ACCORDANCE WITH ASTM A-123, CURRENT ED.

SIGN SUBSTRATES

SEE SECTION 833 OF THE KYTC SPEC BOOK.

SIGN HARDWARE

ALL HARDWARE FOR THE ERECTION OF SHEETING SIGNS SHALL BE CADMIUM PLATED STEEL
 IN ACCORDANCE WITH ASTM B-776 AND ASTM A-307. THE COST OF ALL BRACKETS AND OTHER
 HARDWARE REQUIRED FOR PANEL AND SHEET SIGN ERECTION SHALL BE CONSIDERED INCIDENTAL
 TO OTHER ITEMS IN THE CONTRACT.

SIGN MESSAGES

SIGN MESSAGES SHOWN ARE ULTIMATE MESSAGES. DUE TO PARTIAL CONSTRUCTION,
 IT MAY BE NECESSARY TO MAKE CHANGES IN SOME OF THESE MESSAGES. THESE CHANGES
 WILL BE DETERMINED BY THE ENGINEER. SHOULD A SIGN CHANGE BE DETERMINED BEFORE
 THE SIGN IS INSTALLED, THE ULTIMATE MESSAGE COPY SHALL BE STORED ON THE PROJECT
 BY THE CONTRACTOR. SHOULD A SIGN CHANGE BE DETERMINED AFTER INSTALLATION,
 STATE FORCES WILL REMOVE THE ULTIMATE MESSAGE. COPY WILL BE STORED BY THE
 STATE UNTIL APPLICABLE, AT WHICH TIME IT WILL BE INSTALLED BY STATE FORCES. ANY
 COPY NEEDED FOR A TEMPORARY MESSAGE WILL BE SUPPLIED AND INSTALLED BY THE
 STATE.

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SHOP DRAWINGS

SUBMIT 5 COMPLETE SETS OF DETAILED SHOP DRAWINGS TO THE PROJECT MANAGER FOR WRITTEN APPROVAL BEFORE FABRICATING SIGNS. BEFORE INSTALLATION, OBTAIN THE PROJECT MANAGER'S WRITTEN APPROVAL OF DRAWINGS, DESCRIPTIONS, MANUFACTURER'S CUTS, ETC. COVERING ALL MATERIALS TO BE USED. SUBMIT WITH THE SHOP DRAWINGS THE GAUGE OF EACH SHEETING SIGN TO BE USED AND MILL TEST REPORTS FOR THE STEEL BEAMS.

SIGN POSITIONING AND SPACING

ALL SIGNS SHALL BE POSITIONED AS SHOWN ON THE POSITIONING DETAIL SHEET. ALL POSTS SHALL BE OF SUFFICIENT LENGTH TO EXTEND FROM THE TOP OF THE SIGN TO THE REQUIRED EMBEDMENT DEPTH. IF SOLID ROCK IS ENCOUNTERED THE CONTRACTOR SHALL DRILL HOLES OF THE REQUIRED DEPTH INTO THE ROCK AND BACKFILL WITH CONCRETE. THE COST OF DRILLING THE ROCK SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS IN THE CONTRACT.

WHEN MULTIPLE SIGNS ARE INSTALLED ADJACENT TO EACH OTHER THE POSTS SHALL BE SPACED TO PROVIDE APPROXIMATELY 6 INCHES OF SPACING BETWEEN SIGNS. ALL SIGNS ARE TO BE LOCATED AT THE APPROXIMATE STATIONS OR LOCATIONS SHOWN IN THE PLANS. IF ANY SIGN IS LOCATED NEAR A LIGHT POST, UTILITY POLE OR OTHER OBSTRUCTION, IT SHALL BE INSTALLED IN ADVANCE OF THE OBSTRUCTION SO THAT THE MOTORISTS VIEW IS UNOBSTRUCTED. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. SIGNS REQUIRING RELOCATION OF MORE 25 FEET FROM PLAN LOCATIONS SHALL BE APPROVED BY THE PROJECT MANAGER.

SIGN AND TRUSS INSTALLATION

THE CONTRACTOR SHALL INSTALL ALL SIGNS WITHIN THE EXISTING RIGHT OF WAY. THE ENGINEER WILL DETERMINE THE EXISTING SHEET SIGNS THAT SHALL BE REMOVED BY THE CONTRACTOR ON ALL EXISTING ROADS AFFECTED BY THE SIGNING PROJECT. SIGNS NOT SHOWN ON THE PLANS, SHALL NOT BE DISTURBED, UNLESS AS DIRECTED BY THE ENGINEER.

ON ROADS WHERE TRAFFIC IS BEING MAINTAINED, NEW SIGNS SHALL BE INSTALLED PRIOR TO REMOVAL OF THE EXISTING SIGN. IF ANY EXISTING SIGNS ARE TO BE OUT OF SERVICE FOR MORE THAN ONE WORK SHIFT, TEMPORARY SIGNING OF THE PROPER SHAPE, AND WITH COPY OF SIMILAR CONFIGURATION TO THE EXISTING SIGNING SHALL BE INSTALLED AT THE SAME APPROXIMATE STATION AS THE OUT-OF-SERVICE SIGN. THE COST OF ANY TEMPORARY SIGNING USED SHALL BE INCIDENTAL TO OTHER ITEMS IN THE CONTRACT.

SIGN COVERING IS NOT RECOMMENDED. HOWEVER, IF IT IS ABSOLUTELY NECESSARY TO COVER THE SIGN FACE TEMPORARILY FOLLOWING ERECTION, USE CAUTION SINCE SOME COVERINGS MAY CAUSE PERMANENT DAMAGE TO THE SIGN FACE FOLLOWING EXPOSURE TO MOISTURE, SUNLIGHT, ETC. POROUS CLOTH OR GEOTEXTILE FABRIC COVERS WHICH ARE FOLDED OVER THE SIGN EDGES AND SECURED AT THE BACK OF THE SIGN HAVE BEEN USED SUCCESSFULLY FOR LIMITED PERIODS. DO NOT USE TAPE, PAPER, PLASTIC, OR SHEET METAL COVERS. ANY SIGNS THAT ARE DAMAGED AS A RESULT OF COVERING SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE DEPARTMENT.

RIGHT IS RESERVED TO INSPECT FABRICATION AND ERECTION WORK, AN INSPECTION (DAY AND NIGHT) WILL BE MADE AFTER COMPLETION OF INSTALLATION TO DETERMINE IF THE INTENT OF THE SPECIFICATIONS IS SATISFIED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OR TRIMMING OF ANY TREES THAT OBSCURE THE SIGNS, AS DIRECTED BY THE ENGINEER. THE COST SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS IN THE CONTRACT.

ANY AREA DISTURBED SHALL BE SIDE GRADED TO THE EXISTING SLOPES AND RESEEDED AS DIRECTED BY THE ENGINEER, AND AT NO ADDITIONAL COST TO THE DEPARTMENT.

IF A MANUFACTURER'S WARRANTY IS FURNISHED TO THE CONTRACTOR ON ANY MATERIALS COVERED UNDER THESE SPECIFICATIONS, THE SAME WARRANTY SHALL BE FURNISHED TO THE STATE BY THE CONTRACTOR.

ALL EARTHWORK AND GRADING NECESSARY TO CONSTRUCT BASES AND FOOTINGS AND GUARDRAIL SHALL BE INCIDENTAL TO THE COST OF CLASS A CONCRETE FOR SIGNS AND GUARDRAIL RESPECTIVELY.

OVERHEAD SIGN SUPPORT FOUNDATIONS SHALL BE LOCATED SO THAT THEY DO NOT DISTURB EXISTING DRAINAGE STRUCTURES.

FLEXIBLE DELINEATORS

SEE SECTION 838 OF THE KYTC SPEC BOOK, CHAPTER 3F OF THE MUTCD, AND DETAILS INCLUDED IN THE PROPOSAL.

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SERVICE (LOGO) SIGNS

THE SERVICE (LOGO) SIGNS SHALL BE REMOVED AND RELOCATED AS SHOWN IN THE PLAN SET.
NOTIFY THE FOLLOWING OWNER PRIOR TO BEGINNING WORK ON THE SERVICE (LOGO) SIGNS:

JR JARVIS
GENERAL MANAGER
KENTUCKY LOGOS, INC.
2129 COMMERCIAL DRIVE
SUITE C
FRANKFORT, KY 40601
TOLL FREE (800) 469-5646
PHONE (502) 227-0802
FAX (502) 227-7286

TRAFFIC MANAGEMENT

WITH THE EXCEPTION OF ARROW PANEL, ALL TEMPORARY TRAFFIC CONTROL SIGNING AND DEVICES
REQUIRED FOR TRAFFIC MANAGEMENT SHALL BE CONSIDERED INCIDENTAL TO ROADWAY ITEM 2650,
MAINTAIN AND CONTROL TRAFFIC

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ENHANCED INTERMEDIATE REFERENCE LOCATION SIGNS (BLUE)

ENHANCED INTERMEDIATE REFERENCE LOCATION SIGNS (EIRLS) SHALL CONFORM TO THE GENERAL REQUIREMENTS SET FORTH IN SECTION 2H OF THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. ADDITIONAL REQUIREMENTS ARE GIVEN ON THE SIGNING POSITIONING DETAIL SHEET.

SIGN PANELS ARE TO BE FABRICATED FROM 0.080 GAUGE ALUMINUM ALLOY 5052-H38 SHEET IN ACCORDANCE WITH ASTM B209, AND SECTION 833 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION).

THE SIGN PANELS SHALL BE PROPERLY PREPARED TO RECEIVE THE RETROREFLECTIVE BACKGROUND MATERIAL ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

BACKGROUND MATERIAL SHALL BE STANDARD INTERSTATE BLUE IN COLOR AND SHALL BE RETROREFLECTORIZED. COPY IS TO BE SILVER/WHITE RETROREFLECTIZED. BOTH BACKGROUND AND COPY MATERIAL MUST MEET TYPE III, CLASS "I" REQUIEMENTS OF SECTION 830 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

FOR EIRLS LAYOUT SEE THE SIGNING POSITIONING DETAIL SHEET.

MINIMUM LENGTHS OF POST SHALL BE TWELVE FEET (12'). POSTS SHALL BE DRIVEN AND SIGN PANELS MOUNTED TO MAINTAIN FOUR FEET (4') VERTICAL CLEARANCE FROM THE ELEVATION OF THE NEAREST EDGE OF ROADWAY PAVEMENT TO THE BOTTOM OF THE SIGN FACE.

EIRLS SHALL BE MOUNTED ON CONCRETE MEDIAN BARRIER WALL, WHEN PRESENT.

FINAL LOCATION OF MILEPOST MARKERS SHALL BE VERIFIED BY TRIMARC. NOTIFY THE FOLLOWING REPRESENTATIVE OF TRIMARC, AT LEAST TWO WEEKS IN ADVANCE OF BEGINNING THE WORK ON THIS ITEM:

TODD HOOD
901 WEST MAIN STREET
LOUISVILLE, KY 40202
502-587-6624
270-307-7456

MILEPOST MARKERS (GREEN)

MILEPOST MARKERS SHALL CONFORM TO THE GENERAL REQUIREMENTS SET FORTH IN SECTION 2H OF THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. ADDITIONAL REQUIREMENTS ARE GIVEN ON THE SIGNING POSITIONING DETAIL SHEET.

SIGN PANELS ARE TO BE FABRICATED FROM 0.080 GAUGE ALUMINUM ALLOY 5052-H38 SHEET IN ACCORDANCE WITH ASTM B209, AND SECTION 833 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION).

THE SIGN PANELS SHALL BE PROPERLY PREPARED TO RECEIVE THE RETROREFLECTIVE BACKGROUND MATERIAL ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. DIMENSIONS FOR ONE, TWO AND THREE DIGIT SIGNS ARE SHOWN ON THE SIGNING POSITIONING DETAIL SHEET.

BACKGROUND MATERIAL SHALL BE STANDARD INTERSTATE GREEN IN COLOR AND SHALL BE RETROREFLECTORIZED. COPY IS TO BE SILVER/WHITE RETROREFLECTIZED. BOTH BACKGROUND AND COPY MATERIAL MUST MEET TYPE III, CLASS "I" REQUIEMENTS OF SECTION 830 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

FOR MILEPOST MARKER LAYOUT SEE THE SIGNING POSITIONING DETAIL SHEET.

MINIMUM LENGTHS OF POST SHALL BE TEN FEET (10') WHEN USED WITH ONE DIGIT MARKER, ELEVEN FEET (11') WITH TWO DIGIT MARKER, AND TWELVE FEET (12') WITH THREE DIGIT MARKER. POSTS SHALL BE DRIVEN AND SIGN PANELS MOUNTED TO MAINTAIN FOUR FEET (4') VERTICAL CLEARANCE FROM THE ELEVATION OF THE NEAREST EDGE OF ROADWAY PAVEMENT TO THE BOTTOM OF THE SIGN FACE.

FINAL LOCATION OF MILEPOST MARKERS SHALL BE VERIFIED BY TRIMARC. NOTIFY THE FOLLOWING REPRESENTATIVE OF TRIMARC, AT LEAST TWO WEEKS IN ADVANCE OF BEGINNING THE WORK ON THIS ITEM:

TODD HOOD
901 WEST MAIN STREET
LOUISVILLE, KY 40202
502-587-6624
270-307-7456

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TRAFFIC CONTROL GENERAL

EXPECT AS PROVIDED HEREIN, MAINTAIN AND CONTROL TRAFFIC IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS AND THE STANDARD DRAWINGS, CURRENT EDITIONS. EXCEPT FOR THE TRAFFIC CONTROL BID ITEMS LISTED, ALL ITEMS OF WORK NECESSARY TO MAINTAIN AND CONTROL TRAFFIC WILL BE PAID AT THE LUMP SUM BID PRICE TO 'MAINTAIN AND CONTROL TRAFFIC'. CONTRAARY TO SECTION 106.01, TRAFFIC CONTROL DEVICES USED ON THIS PROJECT MAY BE NEW, OR USED IN LIKE NEW CONDITIONS, AT THE BEGINNING OF TEH WORK AND MAINTAINED IN LIKE NEW CONDITION UNTIL COMPLETION OF THE WORK.

THE SPEED LIMIT IN WORK AREAS WILL BE REDUCED TO 55MPH AND DOUBLE FINES FOR WORK ZONE SPEEDING VIOLATIONS MAY BE ESTABLISHED. THE EXTENT OF THESE AREAS WITHIN THE PROJECT LIMITS WILL BE RESTRICTED TO THE PROXIMITY OF ACTUAL WORK AREAS AS DETERMINED BY THE ENGINEER. REDUCED SPEED LIMITS AND DOUBLE FINE ZONES WILL BE IN PLACE ONLY WHILE LANE CLOSURES ARE IN PLACE AND WHEN WORKERS ARE EXPOSED TO TRAFFIC HAZARDS.

MAINTAIN A MINIMUM OF ONE TRAFFIC LANE (MAINLINE) AT ALL TIMES DURING CONSTRUCTION. THE CLEAR LANE WIDTH SHALL BE A MINIMUM OF 11 FEET. IF TRAFFIC SHOULD BE STOPPED DUE TO CONSTRUCTION OPERATIONS, AND A SCHOOL BUS OR EMERGENCY VEHICLE ON AN OFFICIAL RUN ARRIVES ON THE SCENE, MAKE PROVISIONS FOR THE PASSAGE OF THE VEHICLE QUICKLY AS POSSIBLE.

LANE CLOSURES

LANE CLOSURES SHALL COMPLY WITH SECTION 112 OF THE CURRENT EDITION OF THE KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE STANDARD DRAWINGS AND DETAILS.

ONCE A LANE CLOSURE HAS BEEN INSTALLED ALL WORK ASSOCIATED WITH THAT LANE CLOSURE SHALL BE EXPEDITED CONTINUOUSLY UNTIL THE WORK IS COMPLETED.
SHORT TERM LANE CLOSURES SHALL BE APPROVED BY THE ENGINEER.

ROAD CLOSURES SHALL NOT BE ALLOWED ANY DAY FROM 7:00 AM TO 10:00 AM AND FROM 3:00 PM TO TO 6:00 PM.
FOR OVERHEAD SIGN SUPPORT (TRUSS) AND OVERHEAD SIGN INSTALLATION, TRAFFIC MAY BE HALTED FOR A PERIOD NOT LONGER THAN 15 MINUTES.

SHOULDER CLOSURES

SHOULDER CLOSURES SHALL COMPLY WITH SECTION 112 OF THE CURRENT EDITION OF THE KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE STANDARD DRAWINGS AND DETAILS.

ONCE A SHOULDER CLOSURE HAS BEEN INSTALLED ALL WORK ASSOCIATED WITH THAT SHOULDER CLOSURE SHALL BE EXPEDITED CONTINUOUSLY UNTIL THE WORK IS COMPLETED.

PORTABLE CHANGEABLE MESSAGE SIGNS

PROVIDE A MINIMUM OF TWO VARIABLE MESSAGE SIGNS FOR EACH DIRECTION OF TRAVEL ON THE PENNYRILE PARKWAY AND US 41 IN ADVANCE OF OR ON THE PROJECT AT LOCATIONS DESIGNATED BY THE ENGINEER. THE ENGINEER WILL DESIGNATE THE MESSAGES TO BE PROVIDED. THE LOCATIONS AND MESSAGE DESIGNATED MAY VARY AS THE WORK PROGRESSES. THE VARIABLE MESSAGE SIGNS SHALL BE IN OPERATION AT ALL TIMES. IN THE EVENT OF DAMAGE OR MECHANICAL/ELECTRICAL FAILURE, IMMEDIATELY REPAIR OR REPLACE THE VARIABLE MESSAGE SIGN. REPLACEMENTS FOR DAMAGED VARIABLE MESSAGE SIGNS DIRECTED BY THE ENGINEER TO BE REPLACED DUE TO POOR CONDITION OR LEGIBILITY WILL NOT BE MEASURED FOR PAYMENT. AN ADDITIONAL TRUCK MOUNTED VARIABLE MESSAGE SIGN WILL BE REQUIRED TO BE STAFFED AND MAINTAINED AT APPROXIMATELY 1/2 MILE IN ADVANCE OF THE WORK OR TRAFFIC BACKUP TO WARN MOTORIST OF STOPPED TRAFFIC AHEAD.

THE DEPARTMENT WILL NOT MEASURE UNITS FOR PAYMENT BUT WILL CONSIDER PAYMENT FOR THIS ITEM INCIDENTAL TO 'MAINTAIN AND CONTROL TRAFFIC'.

THE DEPARTMENT WILL NOT MEASURE TRUCK MOUNTED VARIABLE MESSAGE SIGN UNITS FOR PAYMENT BUT WILL CONSIDER PAYMENT FOR THIS ITEM INCIDENTAL TO 'MAINTAIN AND CONTROL TRAFFIC'.

SEE SPECIAL NOTE II FOR PORTABLE CHANGEABLE MESSAGE SIGNS.

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

This Special Note will apply when indicated on the plans or in the proposal.

1.0 DESCRIPTION. Furnish, install, operate, and maintain variable message signs at the locations shown on the plans or designated by the Engineer. Remove and retain possession of variable message signs when they are no longer needed on the project.

2.0 MATERIALS.

2.1 General. Use LED Variable Message Signs Class I, II, or III, as appropriate, from the Department's List of Approved Materials.

Unclassified signs may be submitted for approval by the Engineer. The Engineer may require a daytime and nighttime demonstration. The Engineer will make a final decision within 30 days after all required information is received.

2.2 Sign and Controls. All signs must:

- 1) Provide 3-line messages with each line being 8 characters long and at least 18 inches tall. Each character comprises 35 pixels.
- 2) Provide at least 40 preprogrammed messages available for use at any time. Provide for quick and easy change of the displayed message; editing of the message; and additions of new messages.
- 3) Provide a controller consisting of:
 - a) Keyboard or keypad.
 - b) Readout that mimics the actual sign display. (When LCD or LCD type readout is used, include backlighting and heating or otherwise arrange for viewing in cold temperatures.)
 - c) Non-volatile memory or suitable memory with battery backup for storing pre-programmed messages.
 - d) Logic circuitry to control the sequence of messages and flash rate.
- 4) Provide a serial interface that is capable of supporting complete remote control ability through land line and cellular telephone operation. Include communication software capable of immediately updating the message, providing complete sign status, and allowing message library queries and updates.
- 5) Allow a single person easily to raise the sign to a satisfactory height above the pavement during use, and lower the sign during travel.
- 6) Be Highway Orange on all exterior surfaces of the trailer, supports, and controller cabinet.
- 7) Provide operation in ambient temperatures from -30 to + 120 degrees Fahrenheit during snow, rain and other inclement weather.
- 8) Provide the driver board as part of a module. All modules are interchangeable, and have plug and socket arrangements for disconnection and reconnection. Printed circuit boards associated with driver boards have a conformable coating to protect against moisture.
- 9) Provide a sign case sealed against rain, snow, dust, insects, etc. The lens is UV stabilized clear plastic (polycarbonate, acrylic, or other approved material) angled to prevent glare.
- 10) Provide a flat black UV protected coating on the sign hardware, character PCB, and appropriate lens areas.

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- 11) Provide a photocell control to provide automatic dimming.
- 12) Allow an on-off flashing sequence at an adjustable rate.
- 13) Provide a sight to aim the message.
- 14) Provide a LED display color of approximately 590 nm amber.
- 15) Provide a controller that is password protected.
- 16) Provide a security device that prevents unauthorized individuals from accessing the controller.
- 17) Provide the following 3-line messages preprogrammed and available for use when the sign unit begins operation:

/KEEP/RIGHT/⇒⇒⇒/	/MIN/SPEED/**MPH/
/KEEP/LEFT/⇐⇐⇐/	/ICY/BRIDGE/AHEAD/ /ONE
/LOOSE/GRAVEL/AHEAD/	LANE/BRIDGE/AHEAD/
/RD WORK/NEXT/**MILES/	/ROUGH/ROAD/AHEAD/
/TWO WAY/TRAFFIC/AHEAD/	/MERGING/TRAFFIC/AHEAD/
/PAINT/CREW/AHEAD/	/NEXT/**/MILES/
/REDUCE/SPEED/**MPH/	/HEAVY/TRAFFIC/AHEAD/
/BRIDGE/WORK/**0 FT/	/SPEED/LIMIT/**MPH/
/MAX/SPEED/**MPH/	/BUMP/AHEAD/
/SURVEY/PARTY/AHEAD/	/TWO/WAY/TRAFFIC/

*Insert numerals as directed by the Engineer.

Add other messages during the project when required by the Engineer.

2.3 Power.

- 1) Design solar panels to yield 10 percent or greater additional charge than sign consumption. Provide direct wiring for operation of the sign or arrow board from an external power source to provide energy backup for 21 days without sunlight and an on-board system charger with the ability to recharge completely discharged batteries in 24 hours.

3.0 CONSTRUCTION. Furnish and operate the variable message signs as designated on the plans or by the Engineer. Ensure the bottom of the message panel is a minimum of 7 feet above the roadway in urban areas and 5 feet above in rural areas when operating. Use Class I, II, or III signs on roads with a speed limit less than 55 mph. Use Class I or II signs on roads with speed limits 55 mph or greater.

Maintain the sign in proper working order, including repair of any damage done by others, until completion of the project. When the sign becomes inoperative, immediately repair or replace the sign. Repetitive problems with the same unit will be cause for rejection and replacement.

Use only project related messages and messages directed by the Engineer, unnecessary messages lessen the impact of the sign. Ensure the message is displayed in either one or 2 phases with each phase having no more than 3 lines of text. When no message is needed, but it is necessary to know if the sign is operable, flash only a pixel.

When the sign is not needed, move it outside the clear zone or where the Engineer directs. Variable Message Signs are the property of the Contractor and shall be removed from the project when no longer needed. The Department will not assume ownership of these signs.

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4.0 MEASUREMENT. The Department will not measure the units for Portable Changeable Message Signs.

5.0 PAYMENT. The Department will not pay for the Portable Changeable Message Signs. Payment for furnishing all materials, labor, equipment, and service necessary to, operate, move, repair, and maintain or replace the variable message signs shall be considered incidental to 'Maintain and Control Traffic'.

Effective June 15, 2012

SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

1.0 DESCRIPTION. Install barcode label on sign as specified in the Contract. Section references herein are to the Department's 2012 Standard Specifications for Road and Bridge Construction.

2.0 MATERIALS. The Department will provide the Contractor with a 2 inch x 1 inch foil barcode label for each permanent sign. A unique number will be assigned to each barcode label.

The Contractor shall contact the Operations and Pavement Management Branch in the Division of Maintenance at (502) 564-4556 to obtain the barcode labels.

3.0 CONSTRUCTION. Apply foil barcode label in the lower right quadrant of the sign back. Signs where the bottom edge is not parallel to the ground, the lowest corner of the sign shall serve as the location to place the barcode label. The barcode label shall be placed no less than one-inch and no more than three inches from any edge of the sign. The barcode must be placed so that the sign post does not cover the barcode label.

Barcodes shall be applied in an indoor setting with a minimum air temperature of 50°F or higher. Prior to application of the barcode label, the back of the sign must be clean and free of dust, oil, etc. If the sign is not clean, an alcohol swab shall be used to clean the area. The area must be allowed to dry prior to placement of the barcode label.

Data for each sign shall include the barcode number, MUTCD reference number, sheeting manufacturer, sheeting type, manufacture date, color of primary reflective surface, installation date, latitude and longitude using the North American Datum of 1983 (NAD83) or the State Plane Coordinates using an x and y ordinate of the installed location.

Data should be provided electronically on the TC 71-229 Sign Details Information and TC 71-230 Sign Assembly Information forms. The Contractor may choose to present the data in a different format provided that the information submitted to the Department is equivalent to the information required on the Department TC forms. The forms must be submitted in electronic format regardless of which type of form is used. The Department will not accept PDF or handwritten forms. These completed forms must be submitted to the Department prior to final inspection of the signs. The Department will not issue formal acceptance for the project until the TC 71-229 and TC-230 electronic forms are completed for all signs and sign assemblies on the project.

4.0 MEASUREMENT. The Department will measure all work required for the installation of the barcode label and all work associated with completion and submission of the sign inventory data (TC 71-229 and TC 71-230).

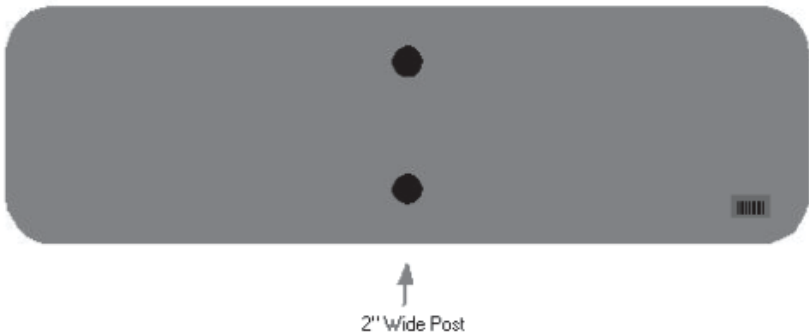
The installation of the permanent sign will be measured in accordance to Section 715.

5.0 PAYMENT. The Department will make payment for the completed and accepted quantities under the following:

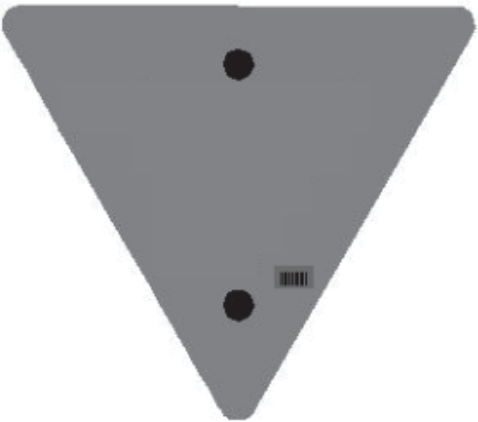
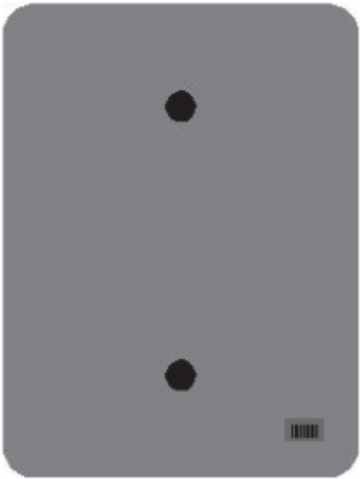
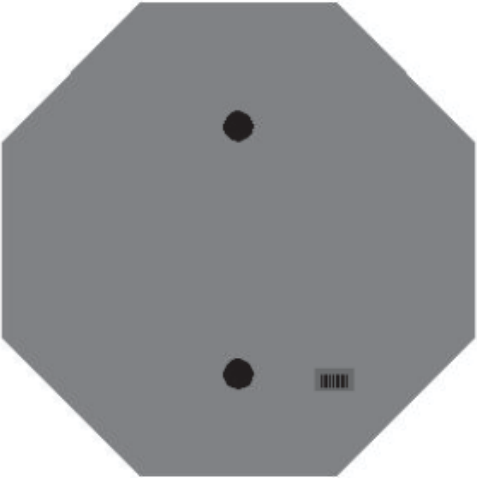
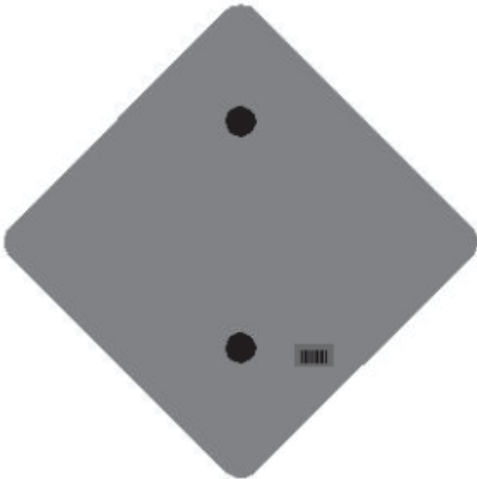
<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
24631EC	Barcode Sign Inventory	Each

The Department will not make payment for this item until all barcodes are installed and sign inventory is complete on every permanent sign installed on the project. The Department will make payment for installation of the permanent sign in accordance to Section 715. The Department will consider payment as full compensation for all work required under this special note.

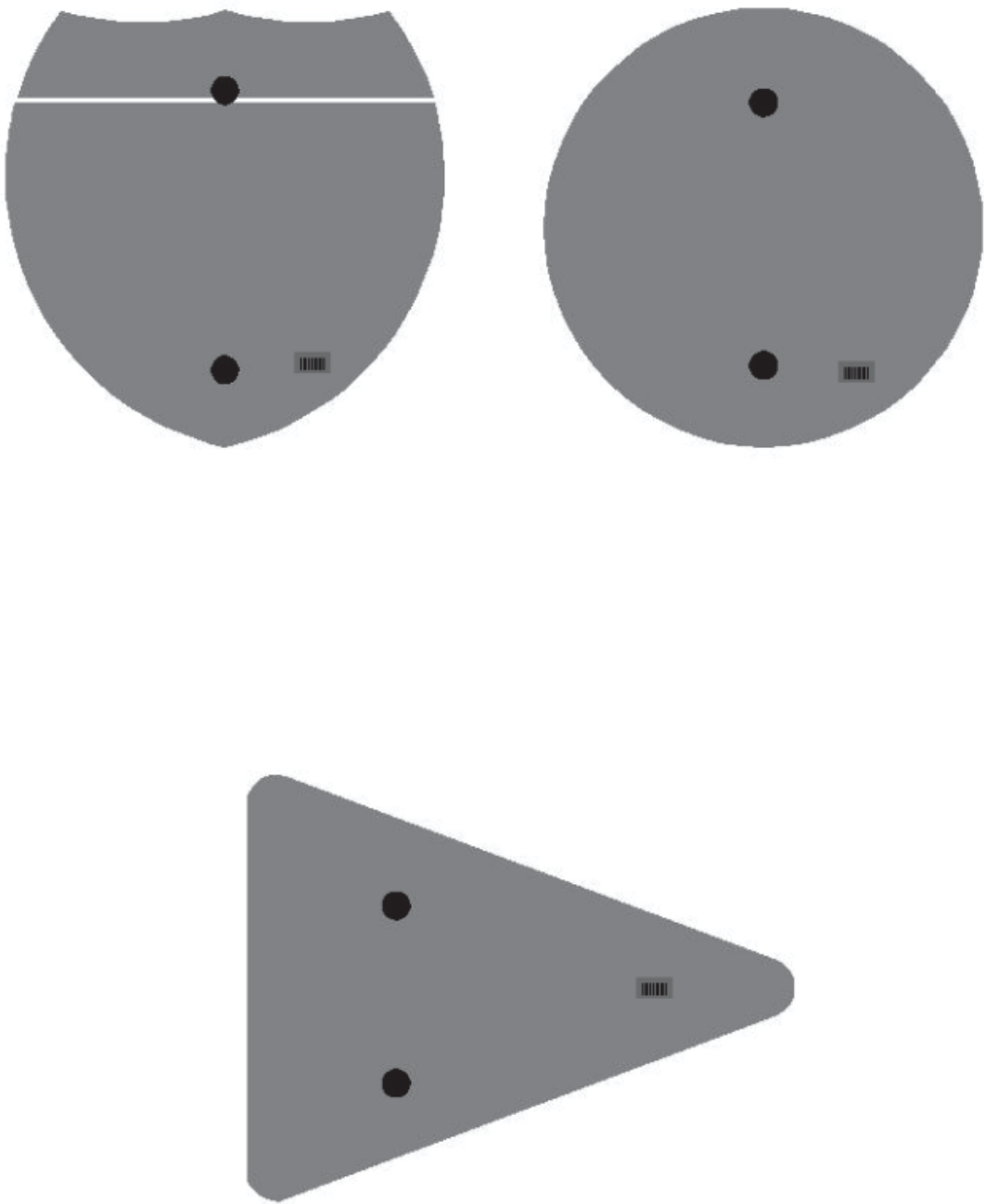
One Sign Post



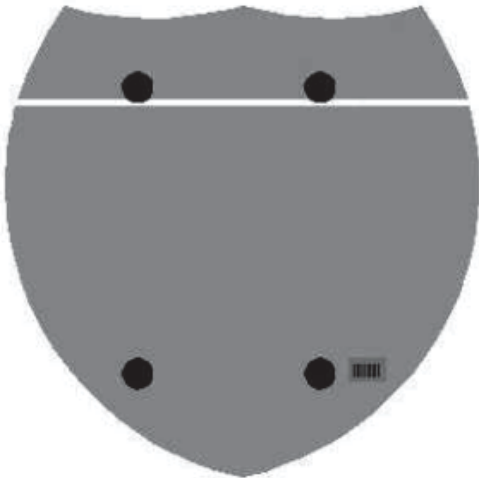
One Sign Post



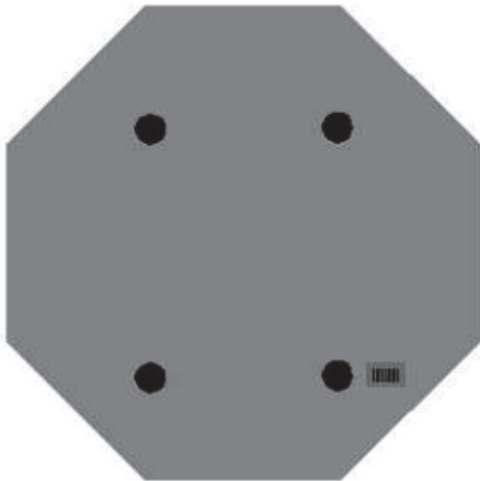
One Sign Post



Double Sign Post

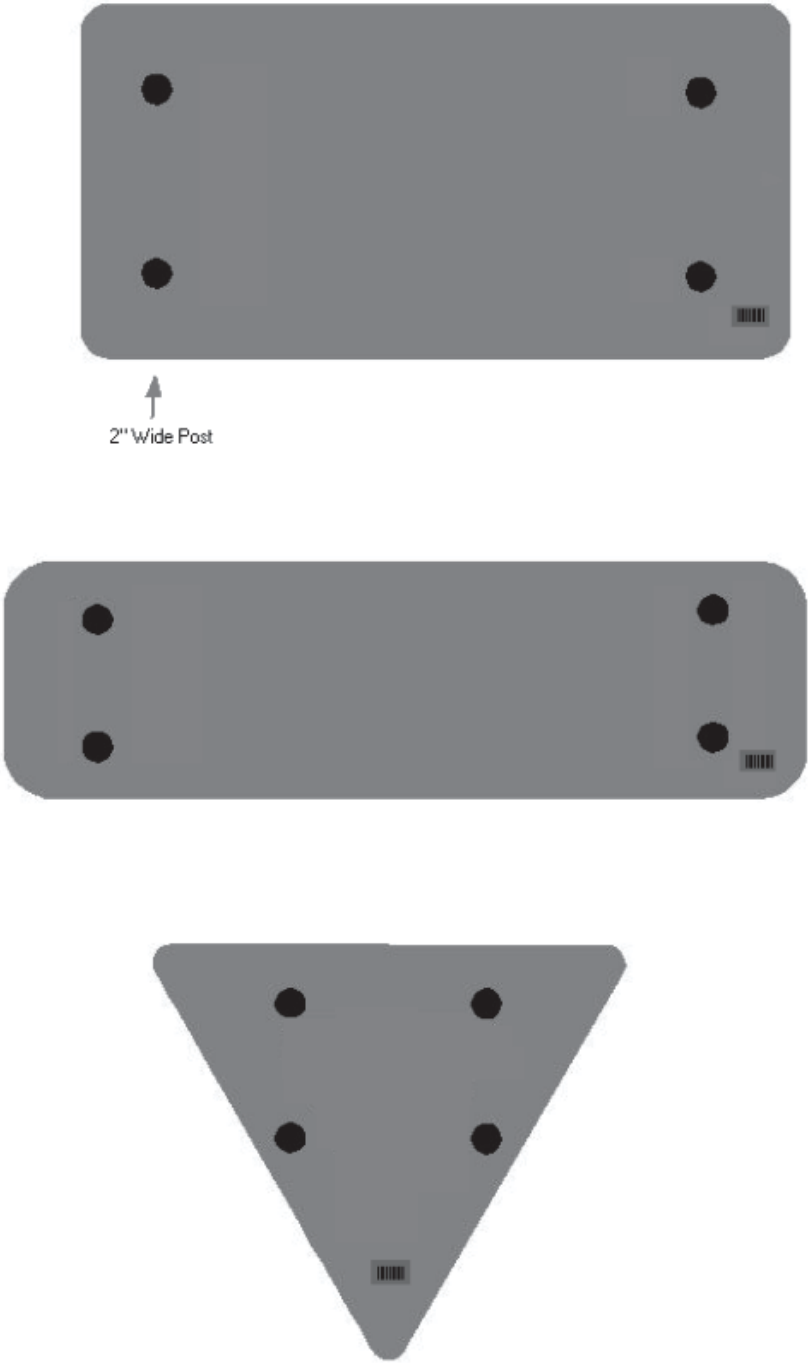


Interstate
Shield



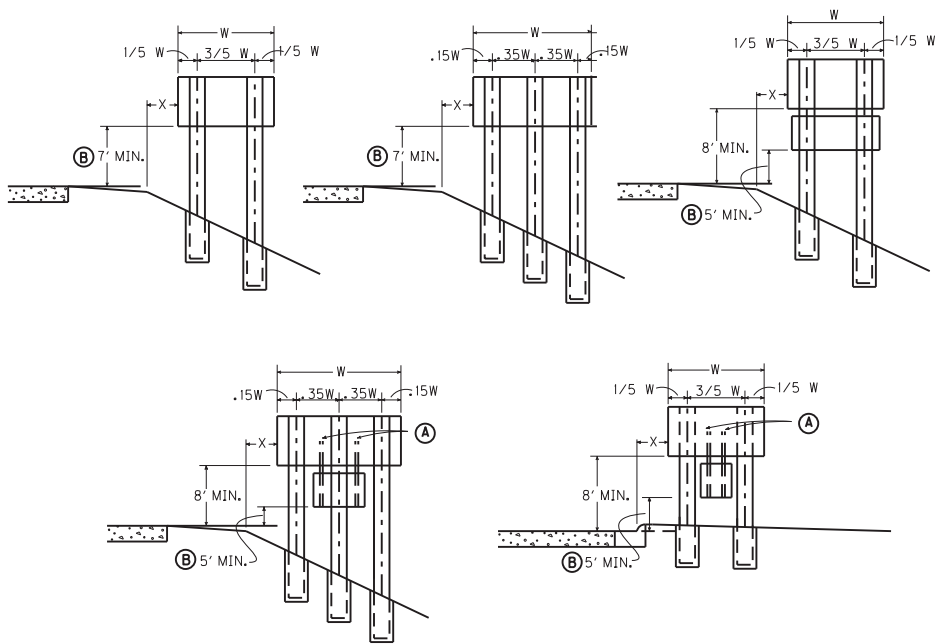
48" Stop

2 Post Signs



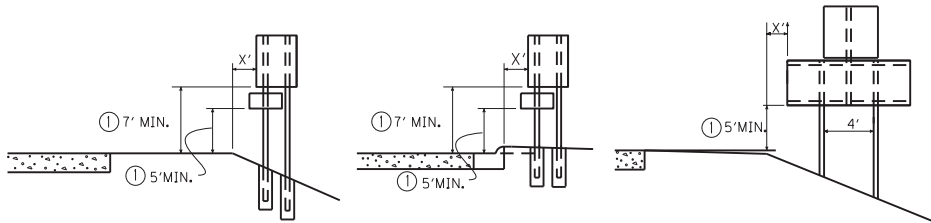
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PANEL SIGNS



- (A) ATTACHMENT OF SECONDARY SIGN TO MAJOR SIGN IS TO BE MADE WITH TWO (2) 3" X 3" X 3/16" ANGLES OF SUFFICIENT LENGTH TO EXTEND FROM THE LOWER EDGE OF THE SECONDARY SIGN TO AT LEAST THREE FEET UP THE BACK OF THE MAJOR SIGN. A MINIMUM OF ONE POST CLIP PER FOOT SHALL BE USED IN ATTACHING EXTRUSIONS TO EACH ANGLE.
- (B) SHORTEST SUPPORTING MEMBER OF BREAK-A-WAY TYPE SIGNS SHALL BE NO LESS THAN 7' FROM THE BOTTOM OF THE SIGN TO THE GROUND.
- FOR 'X' DIMENSION, SEE PANEL SIGN DETAIL SHEET.

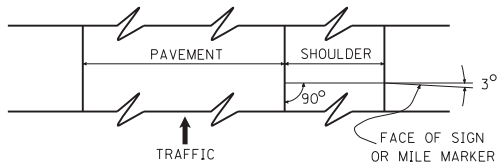
SHEETING SIGNS



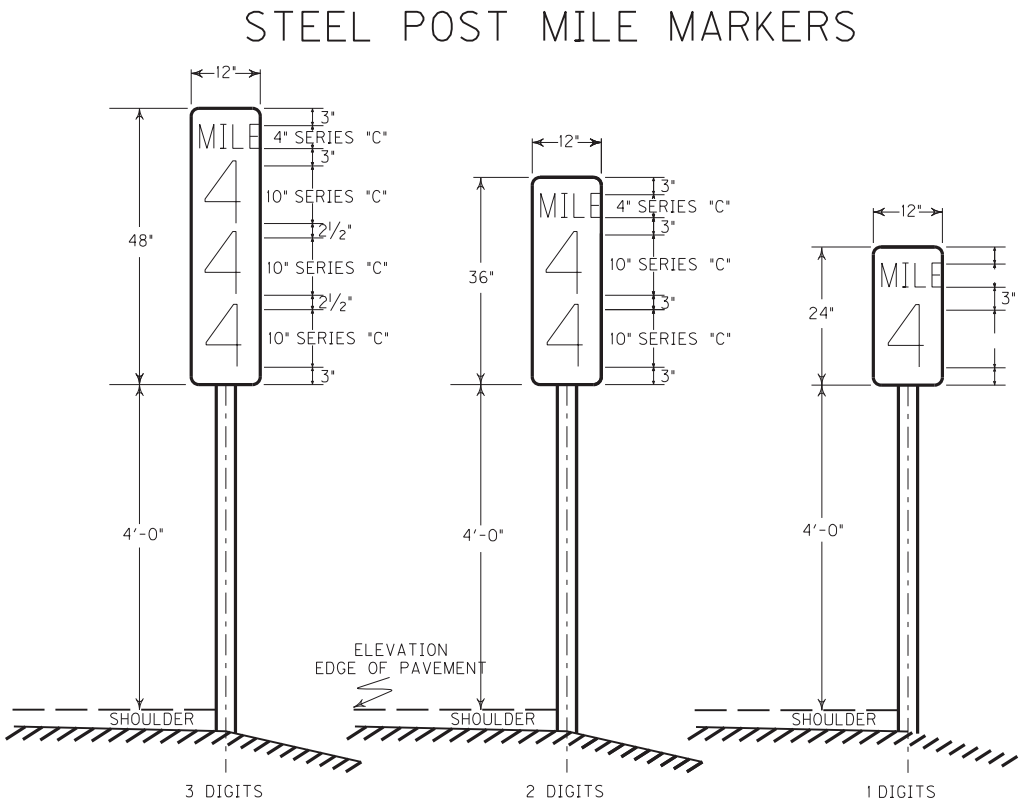
NOTE: SHOULD A SIGN BE LOCATED ON A RAMP AT A POINT WHERE GUARDRAIL IS CALLED FOR OR EXISTING, ALL SIGN SUPPORTS SHALL BE PLACED BEHIND THE GUARDRAIL AND HORIZONTAL CLEARANCE SHALL BE MEASURED FROM THE GUARDRAIL.

'X' = 6' MINIMUM.

① NOT TO EXCEED 7'-6" OR 5'-6"

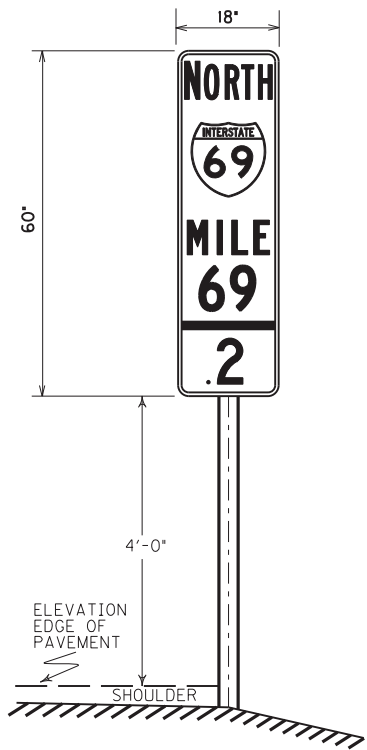


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TYPICAL SIGN PANEL DIMENSIONS
AND MILE MARKER LOCATION

ENHANCED INTERMEDIATE REFERENCE
LOCATION SIGNS (EIRLS)



MILE POINT RANGE FOR NORTHBOUND I-69	NUMBER OF EIRLS
107.4 TO 148.0	204

MILE POINT RANGE FOR SOUTHBOUND I-69	NUMBER OF EIRLS
107.4 TO 148.0	204

MILE POINT RANGE FOR NORTHBOUND I-69	NUMBER OF MILE MARKERS
108 TO 148	41

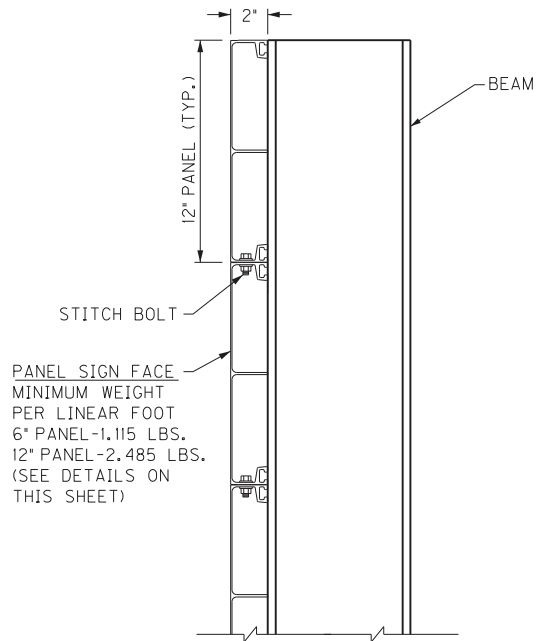
MILE POINT RANGE FOR SOUTHBOUND I-69	NUMBER OF MILE MARKERS
108 TO 148	41

MILE POINT RANGE FOR NORTHBOUND US 41	NUMBER OF MILE MARKERS
11 TO 20	10

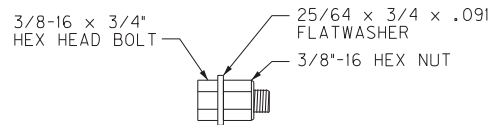
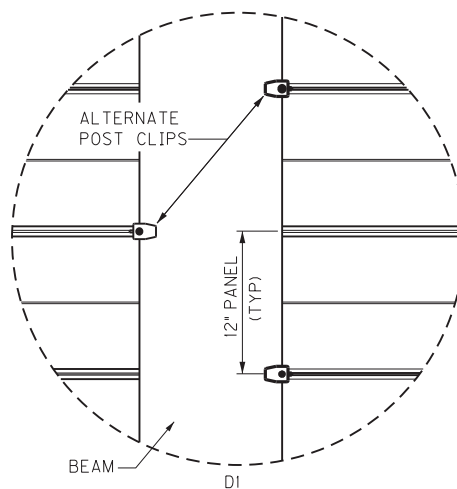
MILE POINT RANGE FOR SOUTHBOUND US 41	NUMBER OF MILE MARKERS
11 TO 20	10

- NOTES:
- ① MILE MARKERS SHALL BE PLACED AT 1.0 MILE INTERVALS ON THE OUTSIDE.
 - FOR EIRLS AND MILE MARKER LAYOUTS SEE SECTION 2H OF THE 2009 MUTCD AND D10-5 AND D10 IN THE 2004 EDITION OF STANDARD HIGHWAY SIGNS.
 - ② EIRLS ARE TO BE PLACED AT 0.2 MILE INTERVALS ON THE INSIDE.

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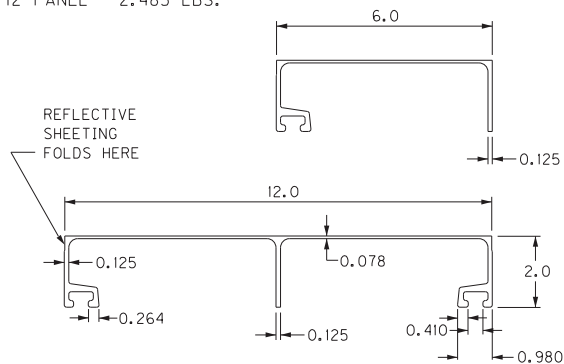


SECTION "A-A"

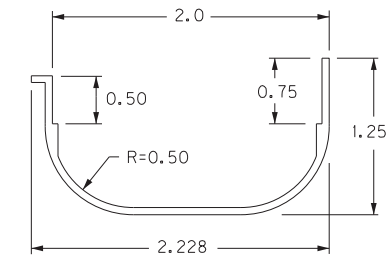


STITCH BOLT DETAIL

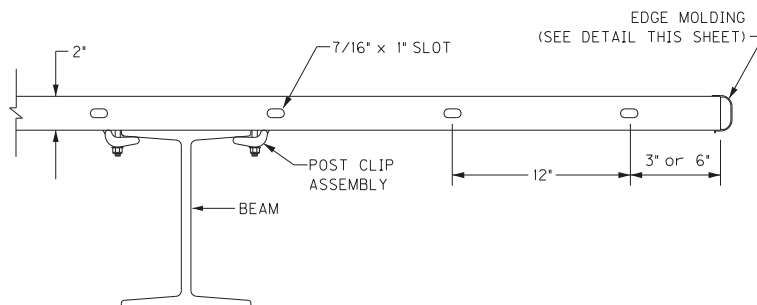
MINIMUM WEIGHT PER LINEAR FOOT
6" PANEL - 1.115 LBS.
12" PANEL - 2.485 LBS.



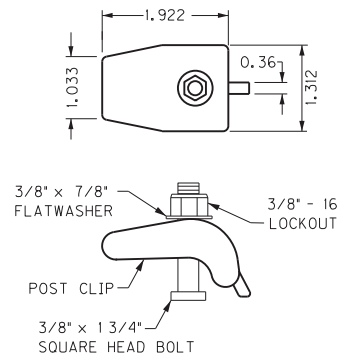
ALUMINUM PANEL DETAILS



EDGE MOLDING DETAIL

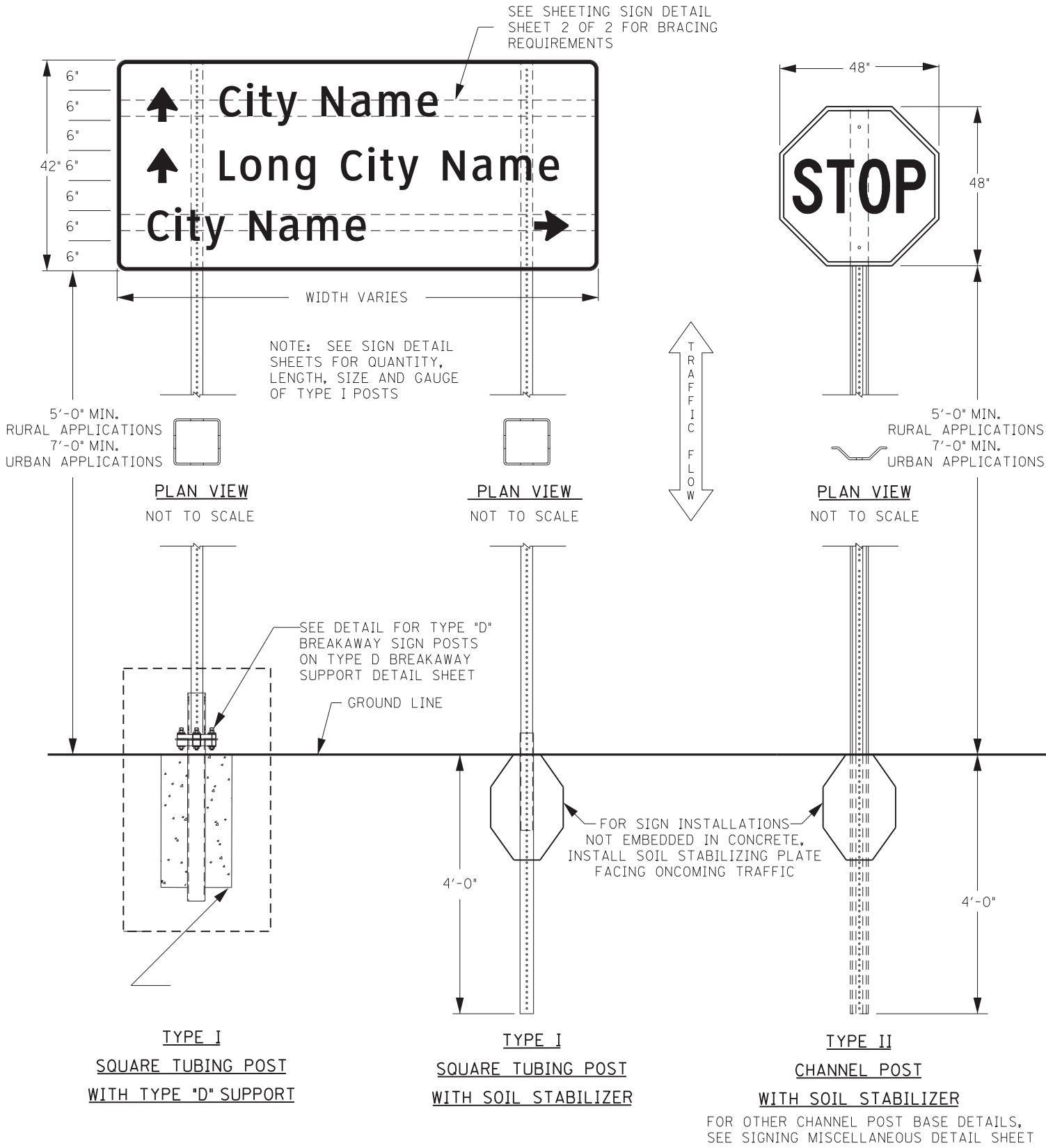


TOP VIEW OF PANEL SIGN

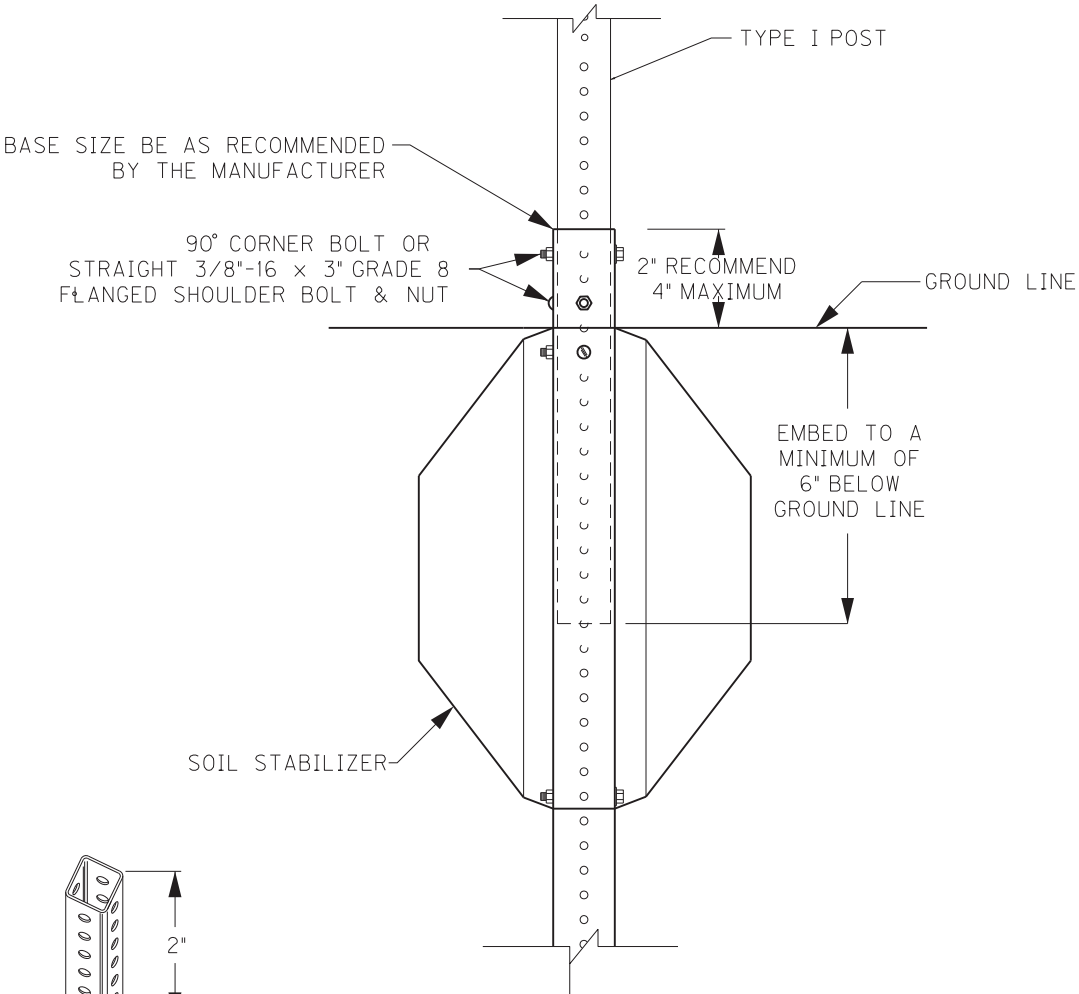


POST CLIP ASSEMBLY

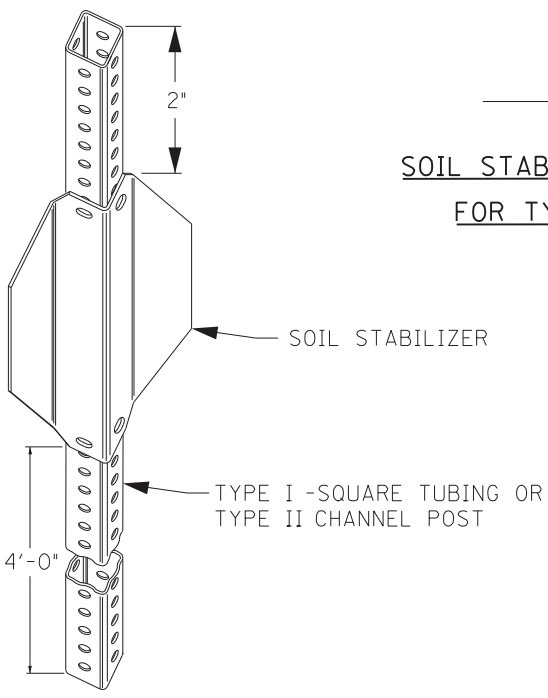
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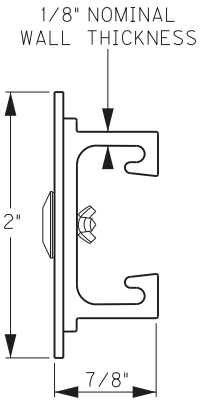


SOIL STABILIZER DETAIL
FOR TYPE I POST



SOIL STABILIZER DETAIL

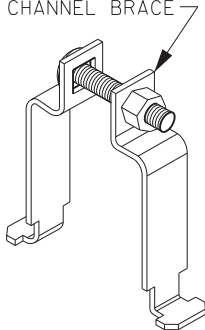
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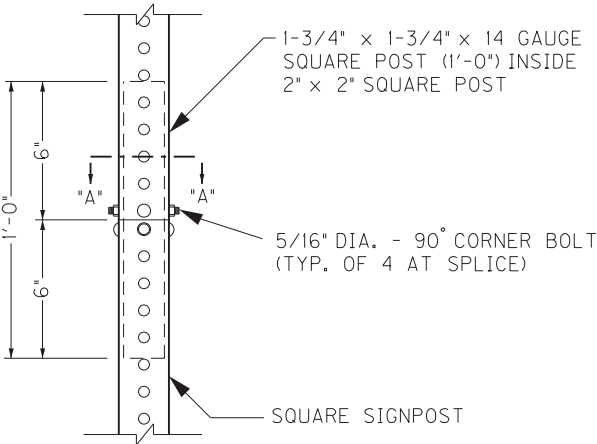
SIGN BRACE

SQUARE POST CLAMP:
11 GAUGE, TYPE 304, #2B FINISHED STAINLESS STEEL
WITH STAINLESS STEEL CARRIAGE BOLT

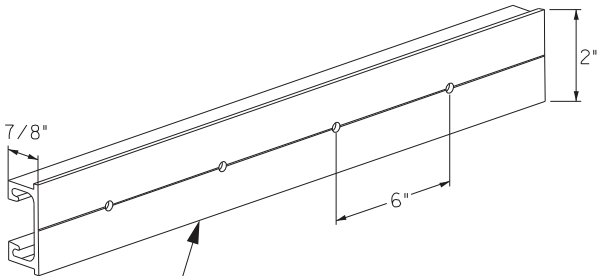
CLAMPS CAN BE TWIST LOCKED INTO PLACE
WITHOUT SLIDING THE CLAMPS FROM AN OPEN
END OF THE CHANNEL BRACE



SQUARE POST CLAMP



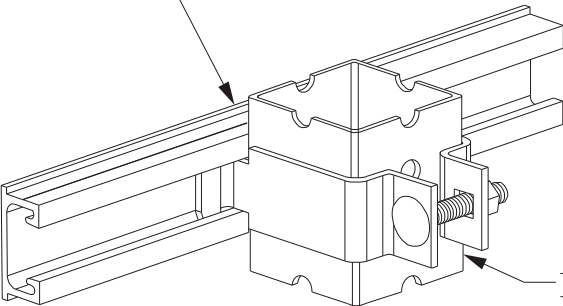
SQUARE SIGNPOST
SPLICE DETAIL



NOTE:
ALUMINUM SIGN BRACING
2" MOUNTING SURFACE x 7/8" DEPTH x 1/8"
NOMINAL WALL THICKNESS

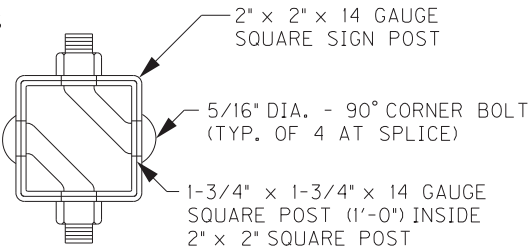
6061-T6 ALUMINUM ALLOY, PUNCHED WITH
3/16" DIAMETER HOLES ON 6" CENTERS FOR
ATTCHMENT OF SIGN SUBSTRATE USING RIVETS

SHEETING SIGN BRACING
(SEE DETAIL THIS SHEET)



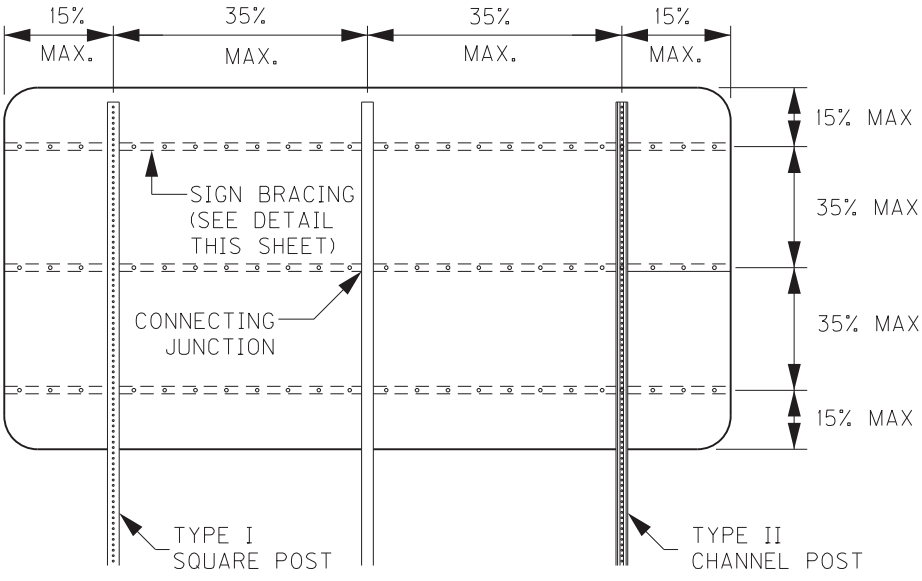
SQUARE POST CLAMP & BRACE

TYPE I SQUARE
TUBING SIGN
SUPPORT



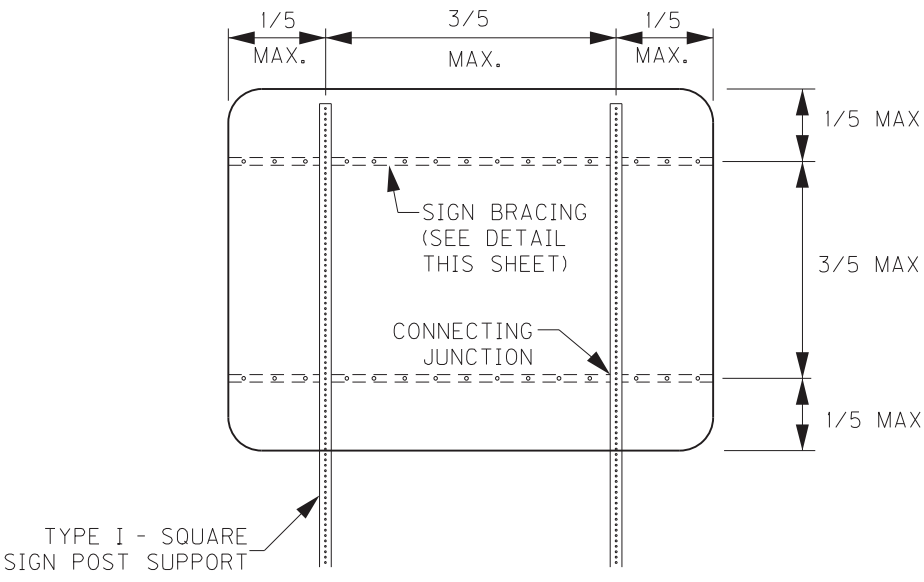
SECTION "A - A"

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3 POST - BRACING DIAGRAM

- NOTE:
- 1. MAXIMUM AREA PER CONNECTING JUNCTION = 16 SQ. FT.
 - 2. BRACING SHOULD NOT BE SPLICED WITHIN 6" OF A BRACE TO POST JUNCTION.



2 POST - BRACING DIAGRAM

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CHANNEL POST DETAILS

TYPE "B" CONCRETE BASE	TYPE "C" DRIVEN BASE	TYPE "D" PIPE BASE

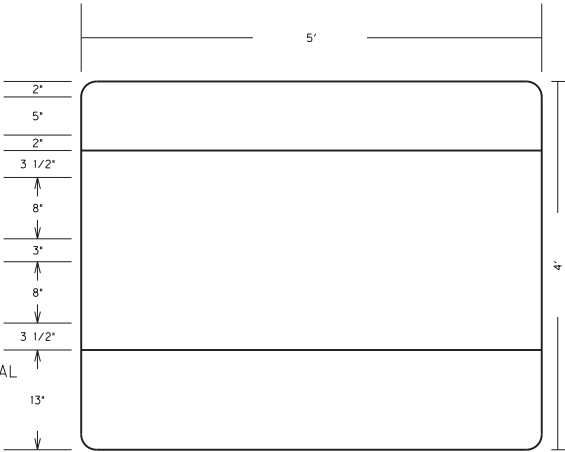
THE COST FOR 4.0" I.D. GALVANIZED STEEL PIPE FOR TYPE "D" BASE AND THE WORK FOR THE INSTALLATION SHALL BE INCLUDED IN THE BID ITEM FOR STEEL POST TYPE 2.



36" x 45" SHIELD

INTERSTATE BLUE TEXT ON WHITE BACKGROUND
9" HIGHWAY "B" FONT FOR THE 36" x 45" SHIELD

BACKGROUND OF THE LOGO IS INTERSTATE BLUE WITH THE LETTERS AND HORSE HEAD IMAGE IN WHITE. CONTACT THE DIVISION OF HIGHWAY DESIGN AT (502) 564-3280 TO ACQUIRE THE OFFICIAL KENTUCKY LOGO IMAGE PRIOR TO SHOP DRAWINGS AND SIGN FABRICATION.



48" x 60" SHIELD

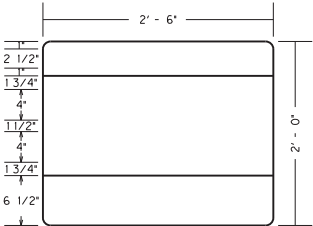


36" x 45" SHIELD

WHITE TEXT ON INTERSTATE BLUE BACKGROUND
3.75" HIGHWAY "B" FONT FOR THE 36" x 45" SHIELD
2.5" HIGHWAY "B" FONT FOR THE 24" x 30" SHIELD

INTERSTATE BLUE TEXT ON WHITE BACKGROUND
6" HIGHWAY "D" FONT FOR THE 36" x 45" SHIELD
4" HIGHWAY "D" FONT FOR THE 24" x 30" SHIELD

BACKGROUND OF THE LOGO IS INTERSTATE BLUE WITH THE LETTERS AND HORSE HEAD IMAGE IN WHITE. CONTACT THE DIVISION OF HIGHWAY DESIGN AT (502) 564-3280 TO ACQUIRE THE OFFICIAL KENTUCKY LOGO IMAGE PRIOR TO SHOP DRAWINGS AND SIGN FABRICATION.



24" x 30" SHIELD

COUNTY OF	ITEM NO.
HOPKINS WEBSTER HENDERSON	2-232

FOR INFORMATION ONLY

LOCATION		FLEXIBLE DELINEATOR		DELINEATOR FOR GUARDRAIL	
INTERCHANGE	RAMP	M/W (EACH)	M/Y (EACH)	M/W (EACH)	M/Y (EACH)
EXIT 111	NB OFF	18	8	19	11
EXIT 111	NB ON	44	16		
EXIT 111	SB OFF	23	15		
EXIT 111	SB ON	29	9		
EXIT 114	NB OFF	17	12		
EXIT 114	NB ON	18	7	2	7
EXIT 114	SB OFF	17	8	4	5
EXIT 114	SB ON	12	13	16	3
EXIT 116	NB OFF			9	15
EXIT 116	NB ON	9	12		
EXIT 116	SB OFF	11	5	5	5
EXIT 116	SB ON	10		11	9
EXIT 120	NB OFF	12	4	7	8
EXIT 120	NB ON	23	8		
EXIT 120	SB OFF	15	10		
EXIT 120	SB ON	25	3	9	9
EXIT 125	NB OFF	18	16	5	3
EXIT 125	NB ON	13	13	13	
EXIT 125	SB OFF	8	14	9	
EXIT 125	SB ON	19	14	16	
TOTALS		341	187	125	75

NOTES:

QUANTITIES AND REFERENCE LOCATION ARE SHOWN FOR INFORMATION ONLY. THE ENGINEER, AT HIS DISCRETION, MAY SPECIFY THAT THE QUANTITIES BE USED AT OTHER LOCATIONS.

FLEXIBLE DELINEATORS SHALL BE INSTALLED ACCORDING TO THE FLEXIBLE DELINEATOR POST ARRANGEMENTS FOR INTERCHANGE RAMPS AND CROSSEOVERS INCLUDED IN THE PROPOSAL. CONTRARY TO THE REFERENCED DETAIL, FLEXIBLE DELINEATORS SHALL BE INSTALLED AT 100' INTERVALS IN TANGENT SECTIONS AND 50' INTERVALS IN CURVED SECTIONS.

DELINEATORS FOR GUARDRAIL SHALL BE INSTALLED ACCORDING TO THE DELINEATORS FOR GUARDRAIL DETAIL INCLUDED IN THE PROPOSAL.

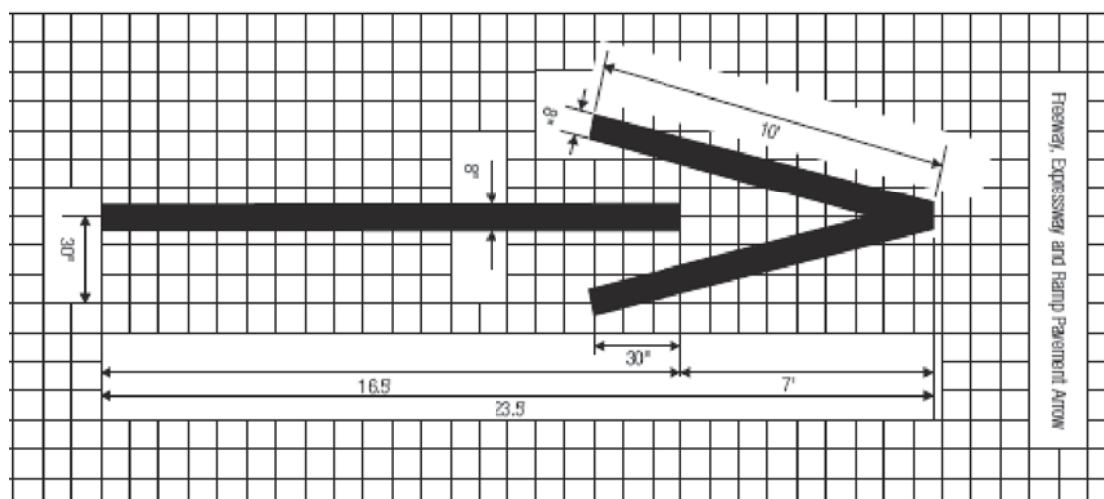
Page 83

Legend

- Direction of Travel
- ↔ Wrong-Way Arrows
- ↔ Lane-Use Arrows
- * Optional

Notes: Modify as appropriate for multi-lane crossroads

FIG. 2B-18 FROM 2009 MUTCD



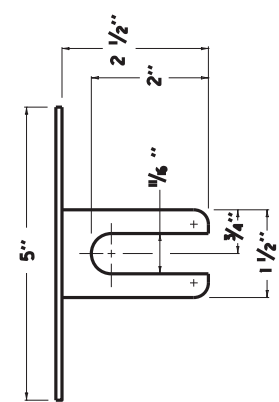
WRONG WAY ARROW DETAIL

DETAILS ARE SHOWN FOR LOCATION AND DIMENSIONING OF WRONG WAY ARROWS. LOCATIONS SHALL BE APPROVED BY THE ENGINEER. WRONG WAY ARROWS ARE PAID FOR AS ITEM 24689EC PAVEMENT MARKING THERMOPLASTIC WRONG WAY ARROW, EACH.

WRONG WAY
ARROW DETAIL

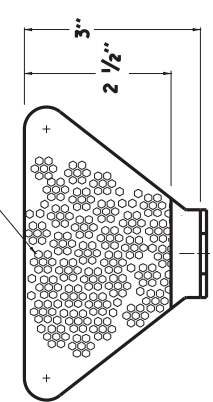
COUNTY OF	ITEM NO.	SHEET
KENTUCKY	2-232	002

- NOTES**
1. THE DELINEATOR'S SHAPE AND DIMENSIONS ARE SHOWN FOR ILLUSTRATION PURPOSES ONLY. TYPES OF DELINEATORS PERMITTED SHALL BE FROM THE LIST OF APPROVED MATERIALS.
 2. DELINEATOR SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE EACH AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY FOR ONE COMPLETE INSTALLATION.
 3. CODE PAY ITEM
1982 DELINEATOR FOR GUARDRAIL - MONO DIRECTIONAL WHITE EACH
1983 DELINEATOR FOR GUARDRAIL - MONO DIRECTIONAL YELLOW EACH
1987 DELINEATOR FOR GUARDRAIL - BI-DIRECTIONAL WHITE EACH
 4. GUARDRAIL DELINEATORS SHALL BE REQUIRED ON ALL GUARDRAIL.
 5. DELINEATORS SHALL BE MANUFACTURED FROM 12 GA. GALVANIZED STEEL.
 6. DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MANUFACTURER'S TOLERANCES.
 7. WHEN CONCRETE BARRIERS EXTEND ACROSS BRIDGE STRUCTURES IN LIEU OF STEEL BEAM GUARDRAIL, DELINEATORS SHALL BE INSTALLED AT SAME VERTICAL ALIGNMENT AS ON THE GUARDRAIL, AND DELINEATORS SHALL COMPLY WITH CURRENT SEPIA DRAWING 004.
 8. DELINEATORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

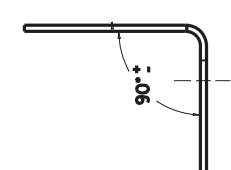


PLAN VIEW

TYPE X1 SHEETING,
YELLOW OR WHITE

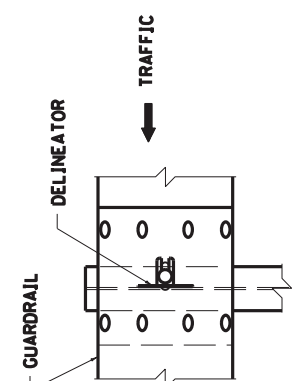


FRONT VIEW

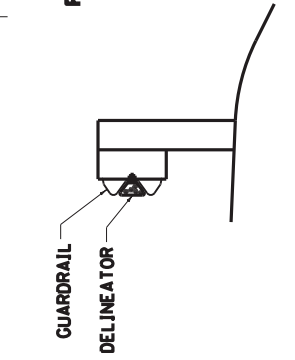


SIDE VIEW

NOTE: DIMENSIONS SHOWN ARE FOR ONE VERSION OF A WEB-MOUNTED GUARDRAIL DELINEATOR. DELINEATORS WITH ALTERNATE DIMENSIONS MAY BE CONSIDERED FOR INCLUSION ON THE APPROVED PRODUCTS LIST.

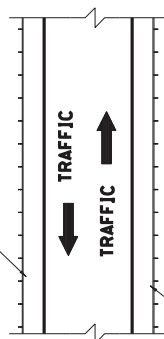


FRONT VIEW

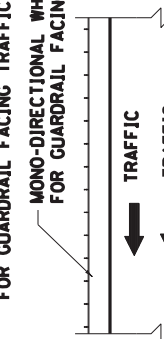


SIDE VIEW

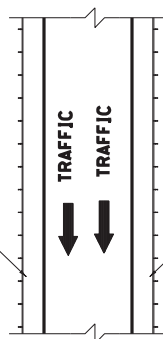
BI-DIRECTIONAL WHITE DELINEATOR
FOR GUARDRAIL FACING TRAFFIC



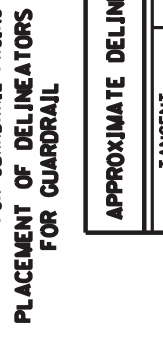
BI-DIRECTIONAL WHITE DELINEATOR
FOR GUARDRAIL FACING TRAFFIC



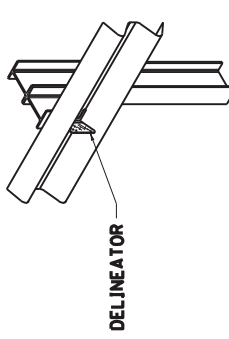
MONO-DIRECTIONAL WHITE DELINEATOR
FOR GUARDRAIL FACING TRAFFIC



MONO-DIRECTIONAL YELLOW DELINEATOR
FOR GUARDRAIL FACING TRAFFIC



PLACEMENT OF DELINEATORS
FOR GUARDRAIL



ISOMETRIC VIEW

APPROXIMATE DELINEATOR SPACING	
TANGENT	100'
CURVE	50'

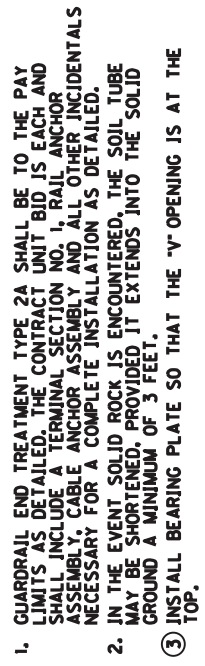
SPACING SHOULD BE ADJUSTED IN CURVES SO THAT SEVERAL DELINEATORS ARE ALWAYS SIMULTANEOUSLY VISIBLE TO THE ROAD USER.


KENTUCKY
DEPARTMENT OF HIGHWAYS

DELINEATORS
FOR GUARDRAIL

SUBMITTED: 6-15-2012
DATE: 6-15-2012
SUBMITTER: DIRECTOR, DIVISION OF HIGHWAY DESIGN

MicroStation v8.11.7.443	E-SHEET NAME:	USER: dplmcs DATE PLOTTED: January 28, 2015	FILE NAME: j:\1211.00 1-69 - PENNYR\LE PKMY\CAD\PLANS\10020UGL.DGN
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KENTUCKY DEPARTMENT OF HIGHWAYS GUARDRAIL END TREATMENT TYPE 2A	DATE 6-15-2012	007
	SUBMITTED  DIRECTOR DIVISION OF HIGHWAY DESIGN	

**— RECESS
ONE SIDE**



**3/4" DIA. - 8 HOLES, FOR
5/8" X 1 1/2" HEX HEAD BOLTS
WITH WASHERS ON FRONT FACE -**



THREE BEAM TO "W" BEAM CONNECTOR ②



KENTUCKY DEPARTMENT OF HIGHWAYS	GUARDRAIL COMPONENTS	SUBMITTED <i>[Signature]</i> 6-15-2012	DATE 008
		DIRECTOR DIVISION OF HIGHWAY DESIGN	

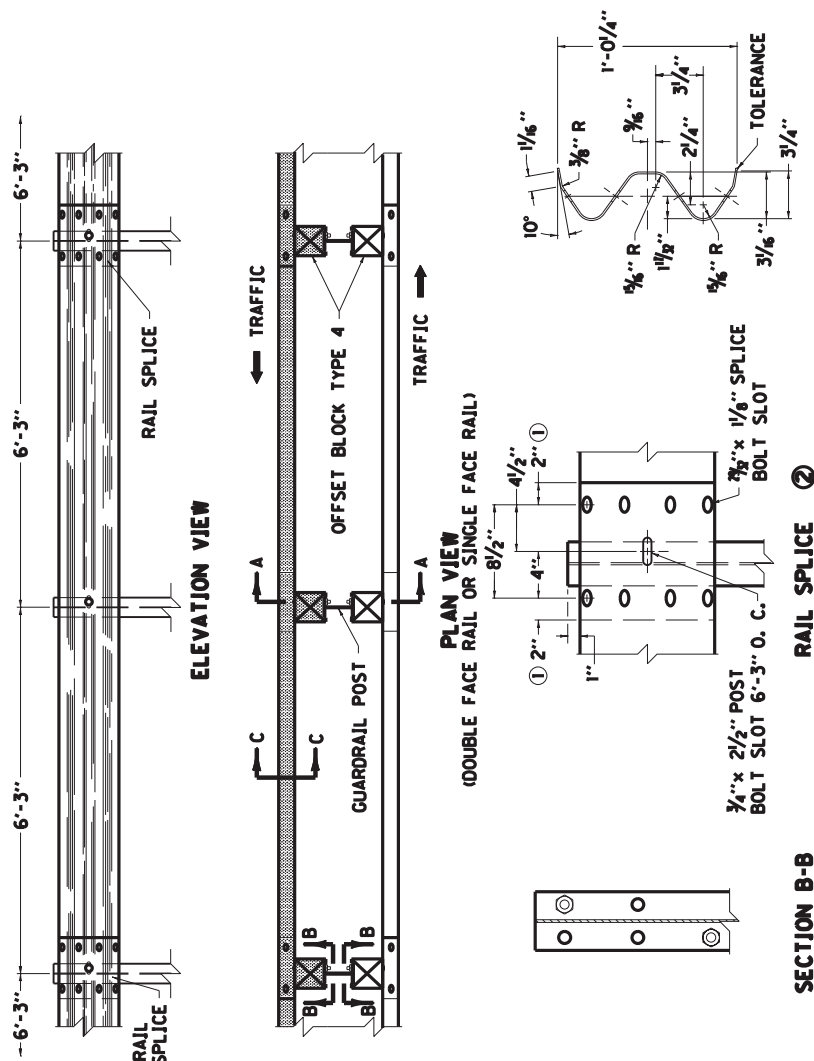
0007-

NOTES

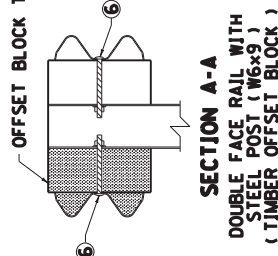
THE CONTRACT UNIT PRICE BID SHALL BE:
GUARDRAIL-STEEL W BEAM-SINGLE FACE - LIN. FT.
OR
GUARDRAIL-STEEL W BEAM-DOUBLE FACE - LIN. FT.
DIMENSIONAL TOLERANCES NOT SHOWN OR IMPLIED ARE
INTENDED TO BE THOSE CONSISTENT WITH THE PROPER
FUNCTIONING OF THE PART, INCLUDING ITS APPEARANCE
AND ACCEPTED MANUFACTURING PRACTICES.
THE RAIL ELEMENT SHALL COMPLY WITH AASHTO M-180
CLASS A, TYPE II.

ALL LAPS SHALL BE PLACED IN THE DIRECTION OF TRAFFIC FLOW.

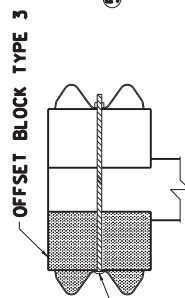
- ① TOLERANCE + 1/4", -1/4"
 - ② 8 - 3/8" x 1/4" LONG BUTTON HEAD BOLTS AND HEX HEAD RECESS NUTS REQUIRED FOR EACH RAIL SPLICE.
 - ③ LENGTH EQUALS POST AND BLOCK WIDTH PLUS 2" FOR BOLT OR 2 1/4" FOR THREADED ROD.
 - ④ GALVANIZED STEEL 100 COMMON COATED NAIL (DRIVE NAIL AT THE TOP OR BOTTOM CENTER OF BLOCK AND POST AFTER BOLT IS INSTALLED).
 - ⑤ 3/8" x 3 STEEL THREADED ROD AND TWO (2) HEX HEAD NUTS OR 3/8" x 3 BUTTON OR HEX HEAD BOLT AND HEX HEAD NUT.
 - ⑥ 3/8" x 8" BUTTON HEAD BOLT, HEX HEAD RECESS NUT AND ONE 3/8" ROUND WASHER (TYP.), BOLT SHALL HAVE A MINIMUM THREAD LENGTH OF 2".
- ██████ REQUIRED FOR DOUBLE RAIL
- BOTH 12'-6" AND 25' LENGTHS OF "W" BEAM GUARDRAIL SECTIONS WILL BE PERMITTED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



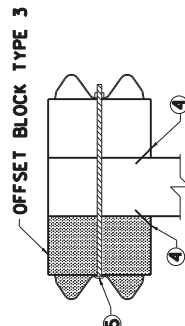
SECTION B-B



SECTION A-A



SECTION A-A

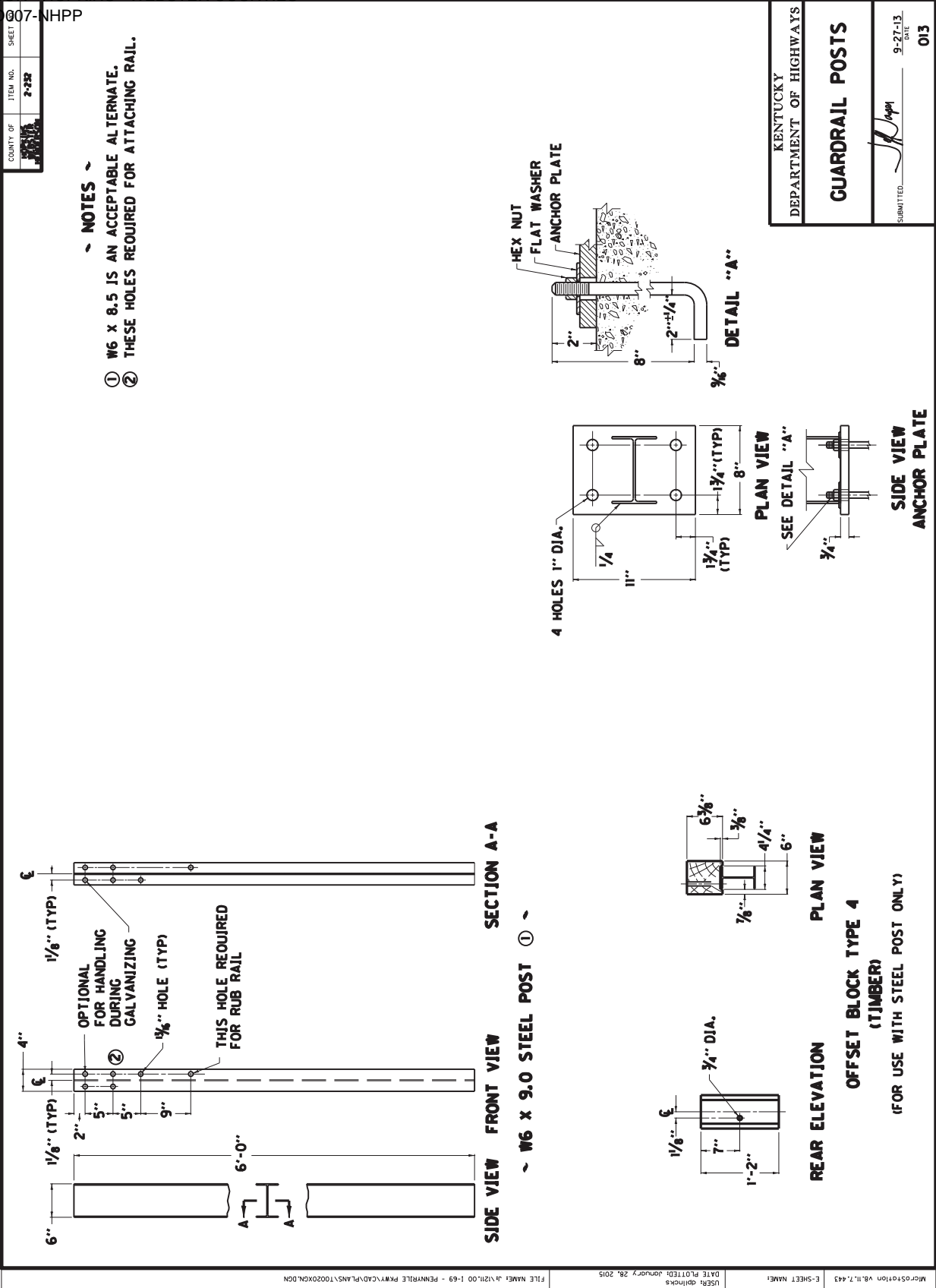


SECTION C-C
(RAIL CORRUGATED
SHEET STEEL BEAM)

FILE NAME: J:\VIZIL.00\1-69 - PENNYR\LE PKWY\CAD\PLANS\10020WGN.DGN

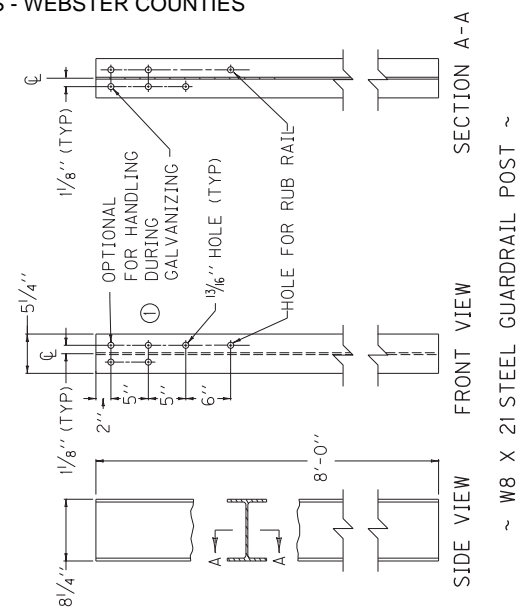
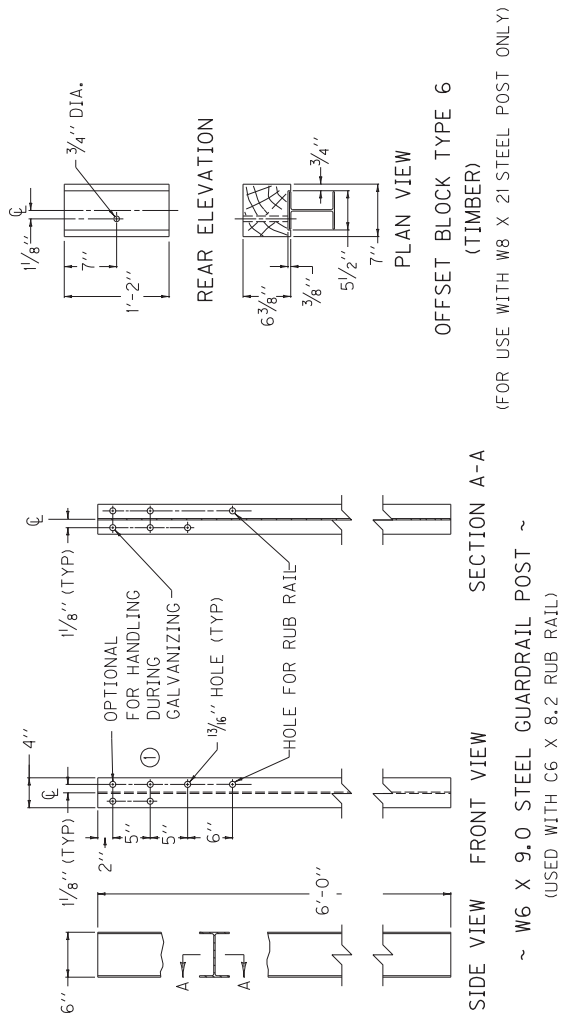
DATE PLOTTED: January 28, 2015

MicroStation v8.11.7.443	E-SHEET NAME:
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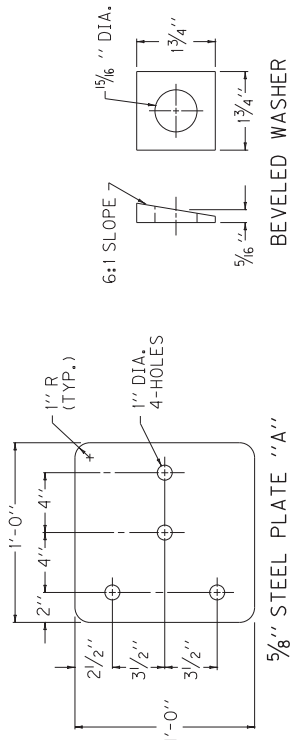



COUNTY OF	ITEM NO.	SHEET NO.

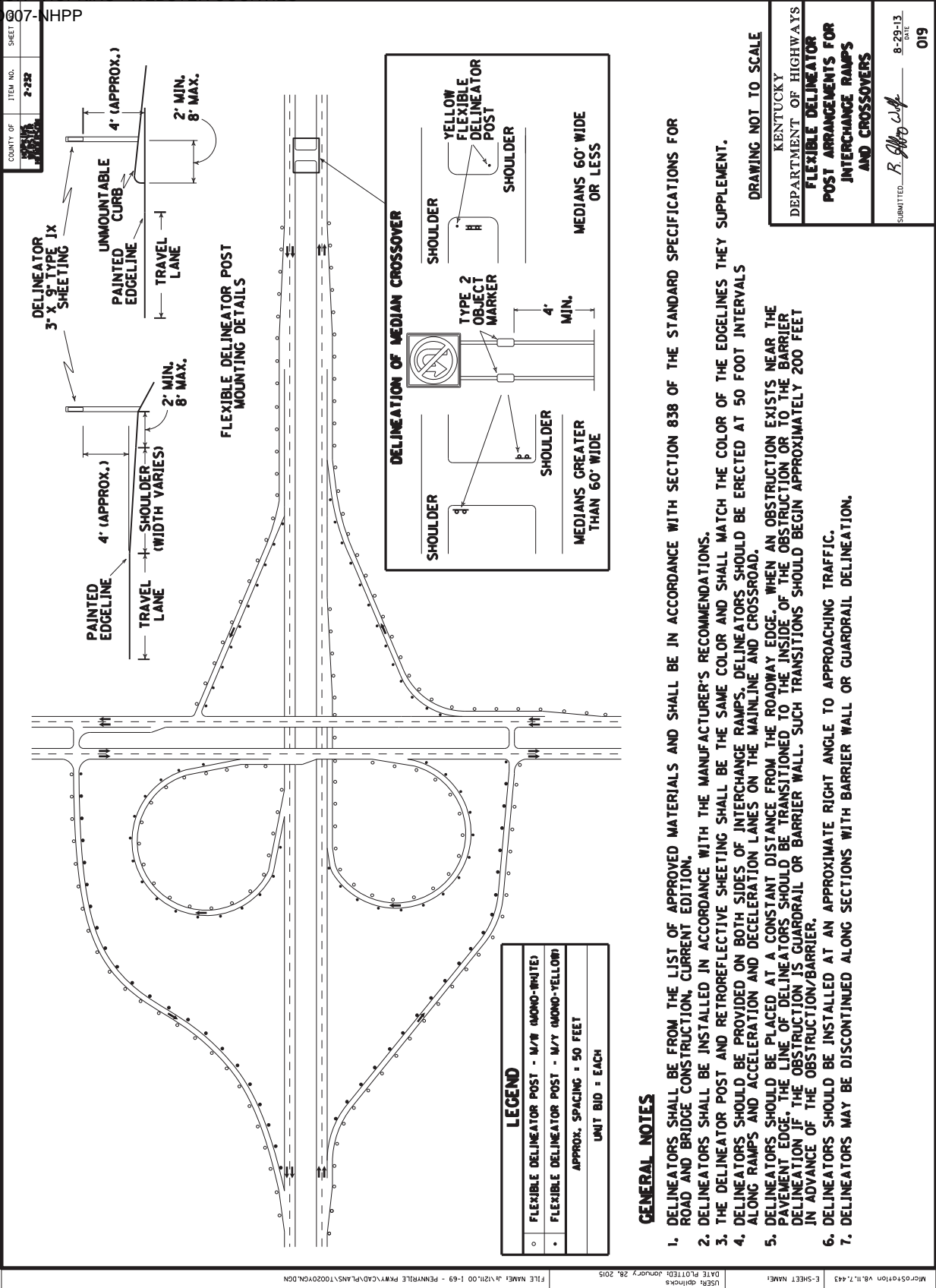
MicroStation v8.11.71.80	E-SHEET NAME:	USER: jaff108	DATE PLOTTED: May 8, 2013	FILE NAME: C:\PWORK\JEFF.L\AL\00512631\SEPIA 04.DGN
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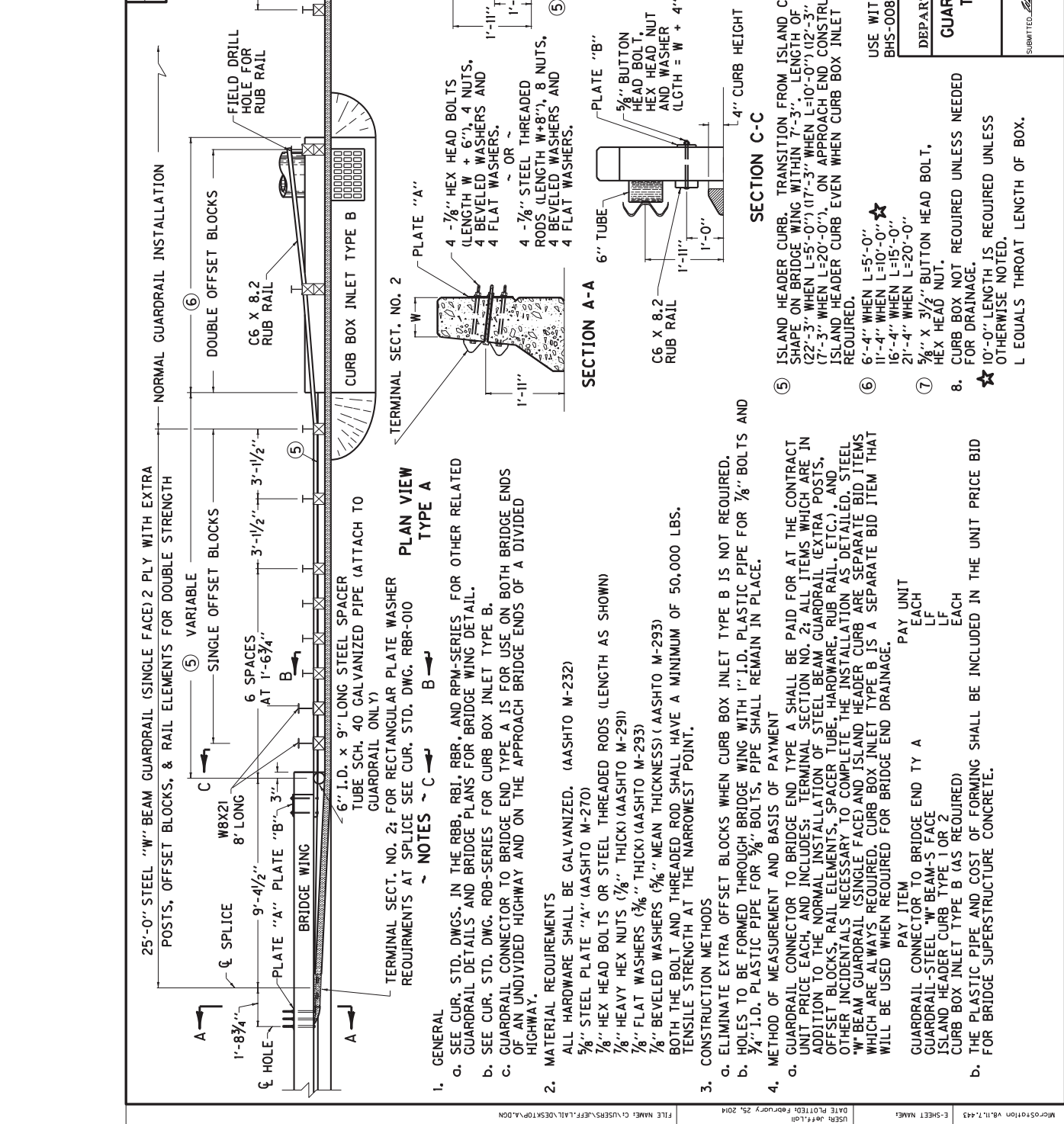
~ NOTES ~
① THESE HOLES REQUIRED FOR ATTACHING RAIL.

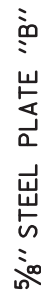


KENTUCKY DEPARTMENT OF HIGHWAYS GUARDRAIL CONNECTOR TO BRIDGE END TYPE A AND A-1 COMPONENTS	SUBMITTED:  DATE: 9-27-13
	014



COUNTY OF	ITEM NO.	SHEET
		026





APPROVED _____ DATE 12-2-11

STATE HIGHWAY ENGINEER

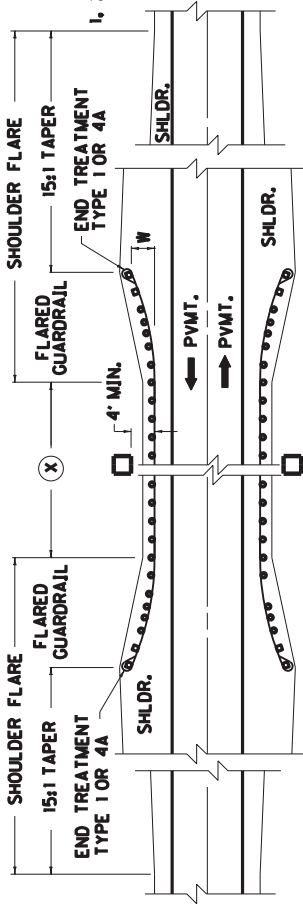
DRAWING SCALE: ALL VIEWS 1"=20'-HOR
1"=10'-VERT.
SHLD. WIDTH IS TWICE NORMAL

DATE
APRIL 1994

DATE
JAN. 1987

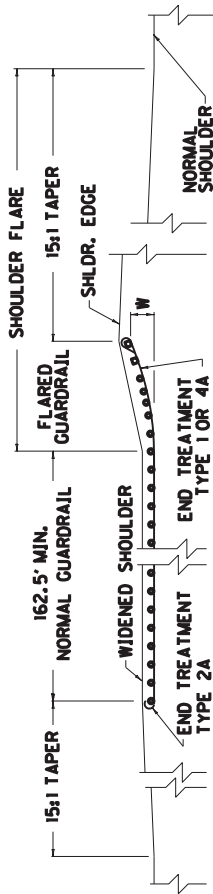
DATE
JAN. 1987

REVISIONS MADE
DATE 5-1-88
FORM NO. 10



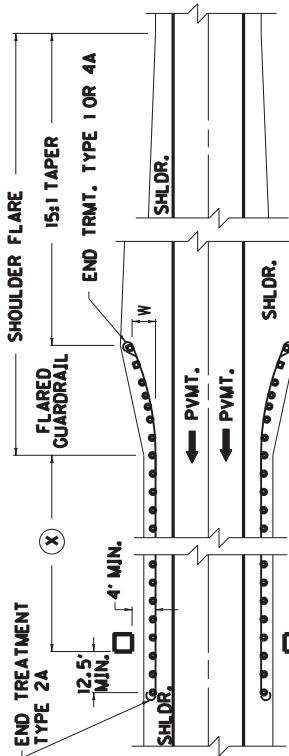
AT A FIXED OBJECT - TWO WAY TRAFFIC (FILL)

FIGURE 1



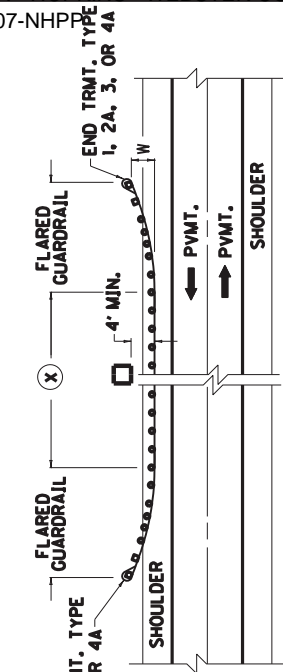
ONE DIRECTION TRAFFIC-FOR SHOULDERS LESS THAN 12' (FILL)

FIGURE 2



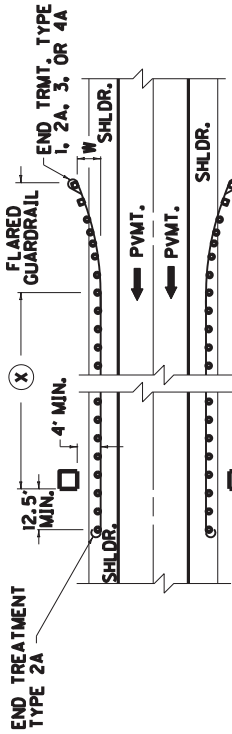
AT A FIXED OBJECT - ONE WAY TRAFFIC (FILL)

FIGURE 3



AT A FIXED OBJECT - TWO WAY TRAFFIC (CUT)

FIGURE 4



AT A FIXED OBJECT - ONE WAY TRAFFIC (CUT)

FIGURE 5

NOTES

GENERAL APPLICATION OF END TREATMENTS

- (a.) ALL FILLS: ALSO SOLID ROCK CUTS WITH ADEQUATE VEHICLE RECOVERY ZONE BEHIND GUARDRAIL, USE END TREATMENT TYPE 1.
- (b.) SOLID ROCK CUTS WITHOUT ADEQUATE VEHICLE RECOVERY ZONE BEHIND GUARDRAIL, USE END TREATMENT TYPE 2A.
- (c.) EARTH CUTS AND SOFT ROCK CUTS, USE END TREATMENT TYPE 3.
- (d.) ALL FILLS: ALSO SOLID ROCK CUTS WITH ADEQUATE VEHICLE RECOVERY ZONE BEHIND GUARDRAIL, USE END TREATMENT TYPE 4A.

(X) NORMAL GUARDRAIL INSTALLATION. FOR FIXED OBJECTS, SPECIFY "X" IN 12'-6" INCREMENTS.

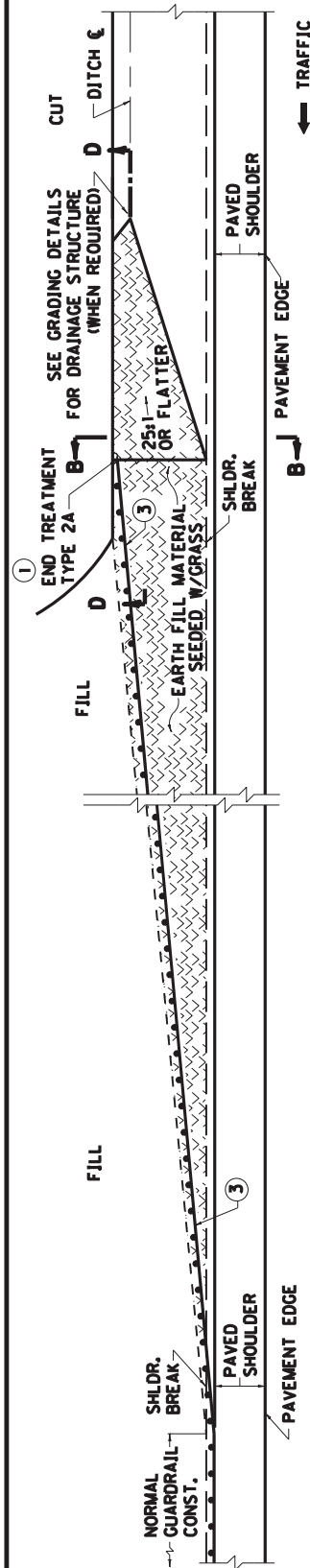
(X) FIXED OBJECTS SUCH AS (PIERS, NEAR OR AT GRADE CULVERTS, POST, OR POLE LOCATED IN THE SAFETY ZONE AND NOT HAVING BREAKAWAY FEATURE, SEE APPROPRIATE CURRENT STANDARD DRAWING FOR PROPER OFFSET "W".

(X) THE MINIMUM LENGTH OF GUARDRAIL, INCLUDING THE END TREATMENT, PRECEDING A FIXED OBJECT IS 200 FEET (LENGTH MAY BE REDUCED SHOULD FIELD CONDITIONS WARRANT).

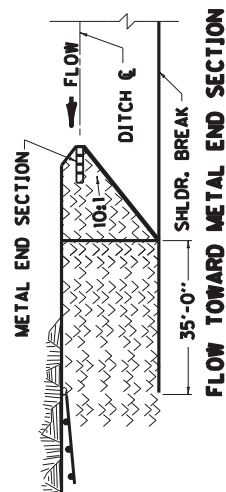
KENTUCKY DEPARTMENT OF HIGHWAYS	
TYPICAL GUARDRAIL INSTALLATIONS	
STANDARD DRAWING NO. RBI-002-06	
SUBMITTED	DIRECTOR DIVISION OF DESIGN
APPROVED	STATE HIGHWAY ENGINEER
DATE	DATE

DATE	DRAWN	CHECKED	RECOMMENDED
12-11-96	D. H. MCALISTER	D. H. MCALISTER	<i>[Signature]</i>
12-11-96			
6-97			

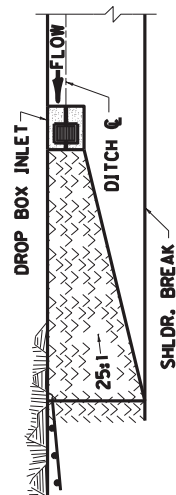
DATE: 9-1-81
FORM NO. 10



~ ~ ~ DETAIL OF GUARDRAIL FOR FILL TO SOLID ROCK CUT SECTION ~ ~ ~



FLOW TOWARD METAL END SECTION



FLOW TOWARD DROP BOX INLET

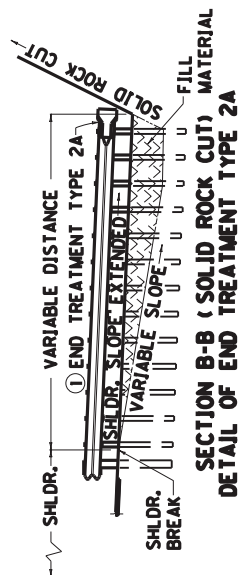
GRADING DETAILS

NOTES: BID ITEMS AND UNIT TO BID:

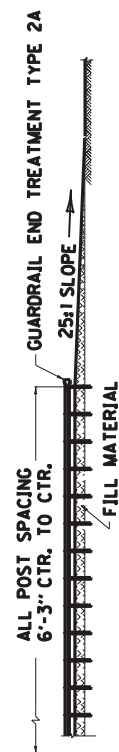
- A. GUARDRAIL END TREATMENT TYPE 2A - EACH
B. ROADWAY OR BORROW EXCAVATION, OR EMBANKMENT IN PLACE - CU. YD.
C. DRAINAGE STRUCTURE BID SEPARATELY.

GUARDRAIL END TREATMENT TYPE 2A

1. SOLID ROCK CUTS WITHOUT AN ADEQUATE RECOVERY ZONE.
2. INTENDED USE: FOR END TREATMENTS AGAINST SOLID ROCK CUTS ONLY. END TREATMENT SHALL NOT ABUT LOOSE ROCK. FOR INSTALLATION WHERE SOLID ROCK IS NOT ENCOUNTERED SEE CURRENT STANDARD DRAWING RBR-030.



**SECTION B-B (SOLID ROCK CUT) MATERIAL
DETAIL OF END TREATMENT TYPE 2A**



SECTION D-D (GUARDRAIL END TREATMENT TYPE 2A)

3			
DESIGN SPEED	70+ MPH	60 MPH	50 MPH OR LESS
FLARE RATES	15:1	13:1	11:1

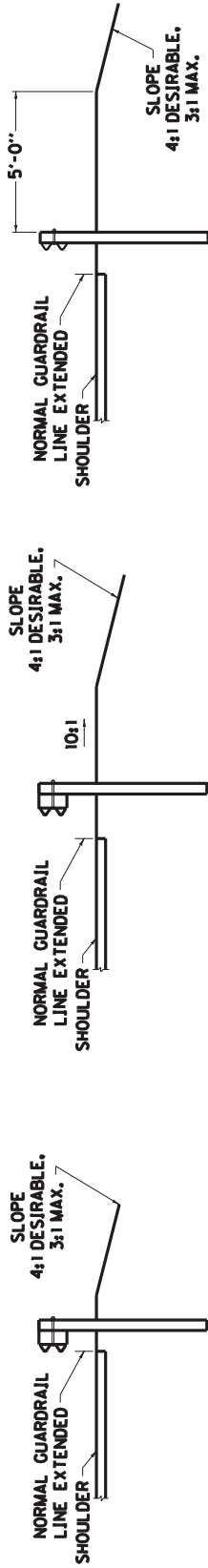
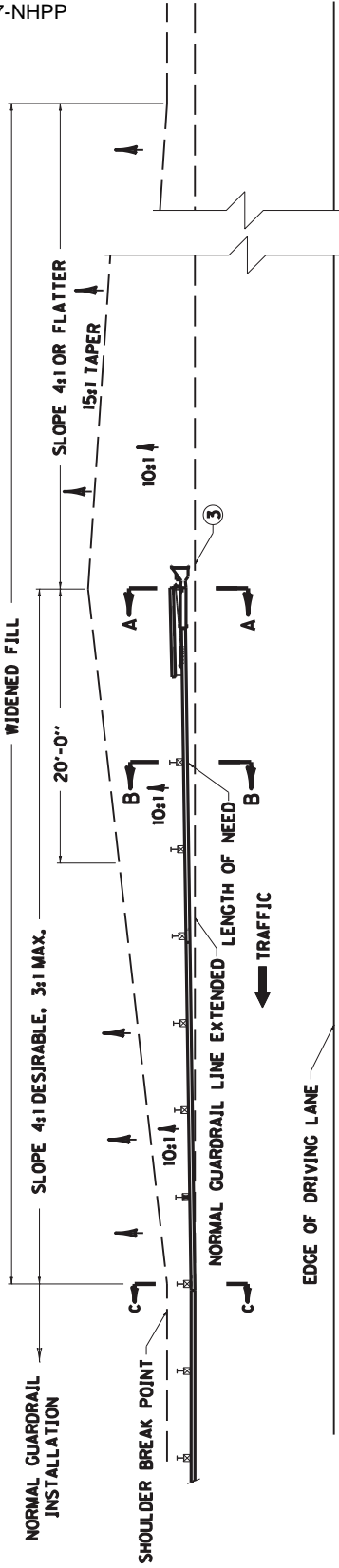
USE WITH CUR. STD. DWGS.
RBJ-001, RBJ-002, RDB-005

KENTUCKY

**KENTUCKY
DEPARTMENT OF HIGHWAYS
TYPICAL INSTALLATION
FOR GUARDRAIL END
TREATMENT TYPE 2A**

SUBMITTED	DIRECTOR DIVISION OF DESIGN	DATE
APPROVED	STATE HIGHWAY ENGINEER	DATE

DRAWING SCALE:
VERTICALS: 1/2" = 1'
PLAN VIEW: 1/4" = 1'



SECTION C-C

SECTION B-B

SECTION A-A

1. BID ITEMS AND UNIT TO BID:
A. GUARDRAIL END TREATMENT TYPE 1 - EACH
B. MATERIAL USED TO CONSTRUCT WIDENING SHALL BE BID AS ROADWAY OR BORROW EXCAVATION OR EMBANKMENT-IN-PLACE AT THE CONTRACT UNIT PRICE PER CUBIC YARD.

2. THE MINIMUM LENGTH OF GUARDRAIL, INCLUDING THE END TREATMENT, PRECEDING A FIXED OBJECT IS 200 FEET (LENGTH MAY BE REDUCED SHOULD FIELD CONDITIONS WARRANT).

3. GUARDRAIL EXTRUDER EDGE CLOSEST TO TRAFFIC SHALL BE PLACED ON NORMAL GUARDRAIL LINE.

4. END TREATMENT TYPE 1 MAY BE ATTACHED TO CURVED GUARDRAIL PROVIDED CURVE IS A 550' RADIUS OR MORE. END TREATMENT TYPE 1 SHALL BE INSTALLED ON A STRAIGHT LINE TAPER WITHIN THE PAY LIMITS.

5. INTENDED USE: FILLS WITH ADEQUATE VEHICLE RECOVERY ZONE BEHIND GUARDRAIL.

TRAFFIC
←
GUARDRAIL END TREATMENT TYPE 1
INSTALLED ON A CURVE ④

USE WITH CUR. STD. DWG.
RBR-020

KENTUCKY DEPARTMENT OF HIGHWAYS	
INSTALLATION OF GUARDRAIL END TREATMENT TYPE 1	
STANDARD DRAWING NO. RBI-004-04	
SUBMITTED	DIRECTOR DIVISION OF DESIGN
DATE	DATE
APPROVED	STATE HIGHWAY ENGINEER
DATE	DATE

10-28-98
ENGLISH
D.H. McALISTER

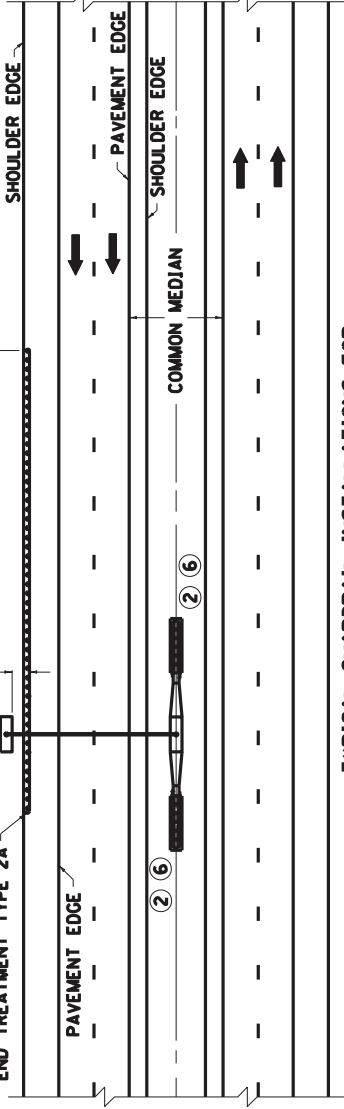
DATE
12-5-95
12-5-95
6-97
APPROVED P.H.M.A.
RECOMMENDED
CHECKED D.H. McALISTER
DRAWN I.S. GATEWOOD

RECORDS NAME
DATE 5-1-01
FORM NO. 10

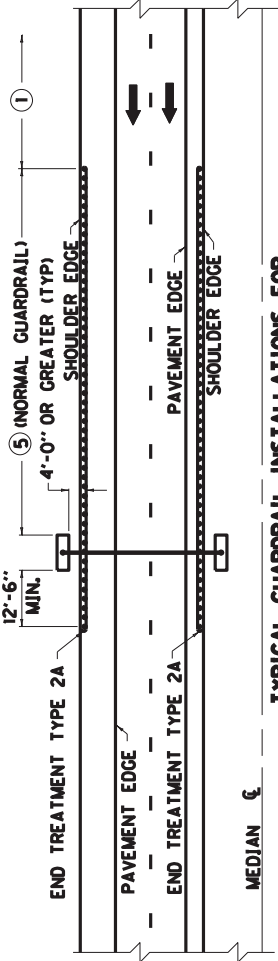
SCALE CHANGE: 0.05

NOTES

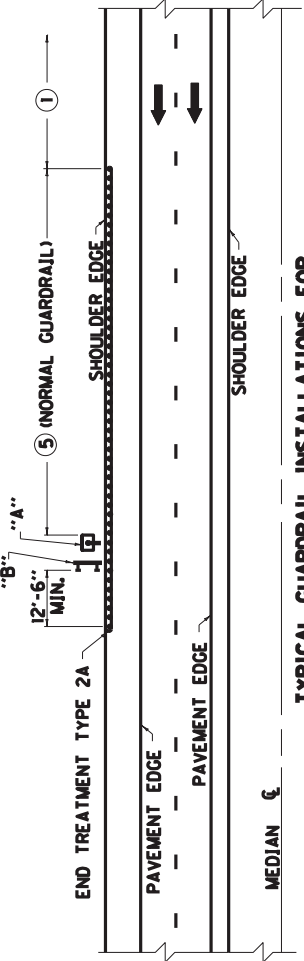
- 1 TO TERMINATE GUARDRAIL INSTALLATION :
A. ALL FILLS, ALSO SOLID ROCK CUTS WITH ADEQUATE VEHICLE RECOVERY ZONE BEHIND GUARDRAIL; USE END TREATMENT TYPE 1.
B. SOLID ROCK CUTS WITHOUT ADEQUATE VEHICLE RECOVERY ZONE BEHIND GUARDRAIL; USE END TREATMENT TYPE 2A.
C. EARTH CUTS AND SOFT ROCK CUTS; USE END TREATMENT TYPE 3.
D. ALL FILLS, ALSO SOLID ROCK CUTS WITH ADEQUATE VEHICLE RECOVERY ZONE BEHIND GUARDRAIL; USE END TREATMENT TYPE 4A.
SEE CURRENT STD. DWG. RBI-009 FOR APPLICABLE CRASH CUSHION.
- 2 IF GAPS OF 200 FEET OR LESS SHOULD OCCUR BETWEEN SECTIONS OF GUARDRAIL, THE GUARDRAIL SHALL BE EXTENDED THROUGH SUCH GAPS TO PROVIDE A CONTINUOUS SECTION.
- 3 GUARDRAIL INSTALLATION IS NOT NECESSARY FOR SIGNS MOUNTED ON:
A. CHANNEL POST IN TYPE "B" OR "C" BASES.
B. TYPE "B" BREAKAWAY BEAMS.
C. SIGNS MOUNTED IN CAST ALUMINUM SHOES. (SEE SIGN PLAN).
- 4 THE MIN. LENGTH OF GUARDRAIL, INCLUDING THE END TREATMENT, PRECEDING A FIXED OBJECT IS 200 FEET (LENGTH MAY BE REDUCED SHOULD FIELD CONDITIONS WARRANT).
- 5 WHEN CONCRETE BARRIER WALL IS REQUIRED SEE CUR. STD. DWG. RBM-015 FOR APPLICABLE DETAILS.



TYPICAL GUARDRAIL INSTALLATIONS FOR OVERHEAD SIGN SUPPORT - TRUSS (RAISED MEDIAN)



TYPICAL GUARDRAIL INSTALLATIONS FOR OVERHEAD SIGN SUPPORT - TRUSS (DEPRESSED MEDIAN)



TYPICAL GUARDRAIL INSTALLATIONS FOR "A" CANTILEVER SIGN SUPPORT OR "B" OVERHEAD SIGN SUPPORT

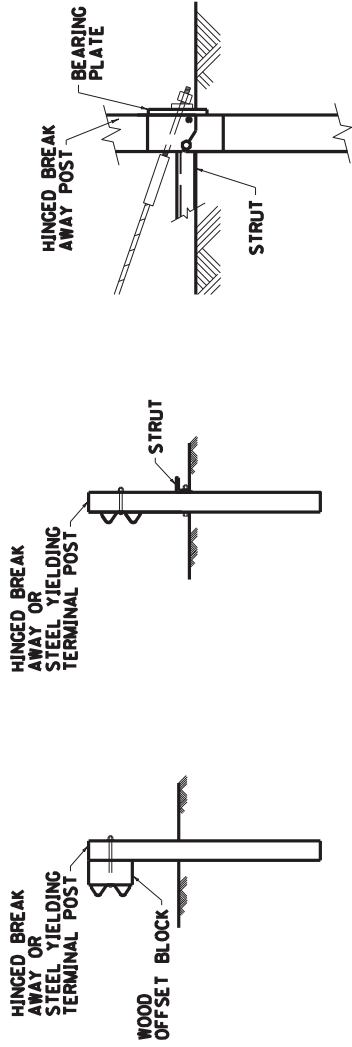
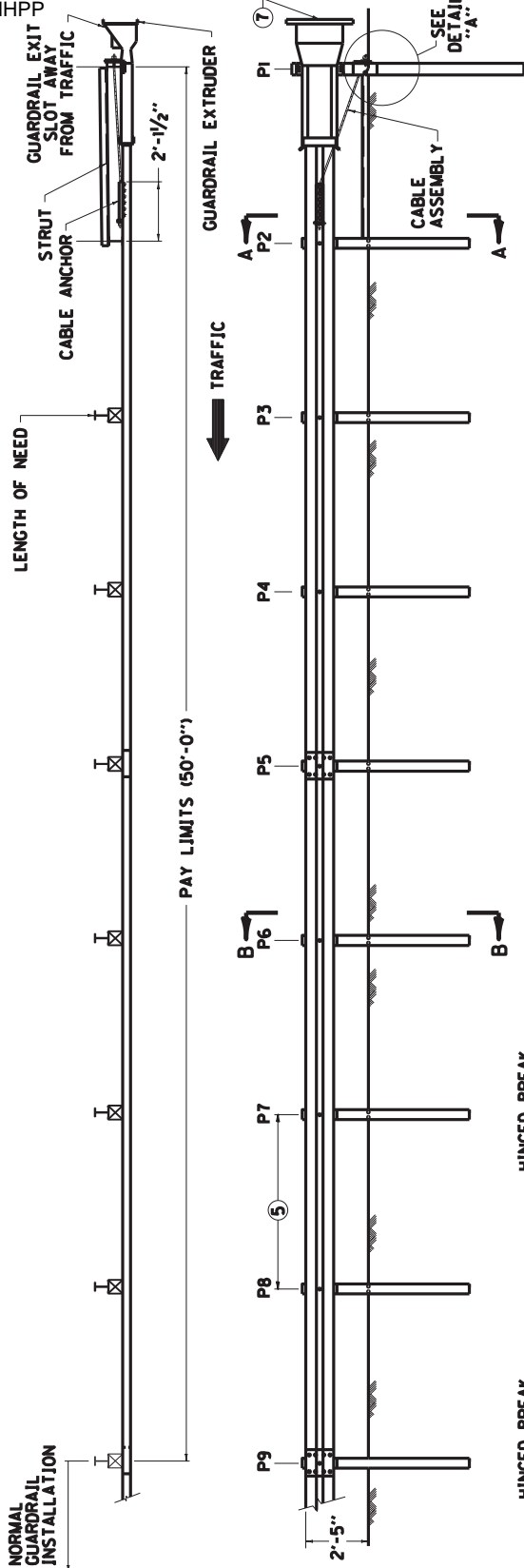
KENTUCKY
DEPARTMENT OF HIGHWAYS

GUARDRAIL
INSTALLATION AT
SIGN SUPPORTS

STANDARD DRAWING NO. RBI-006-06

SUBMITTED: _____ DATE: _____
DIRECTOR DIVISION OF DESIGN
APPROVED: _____ STATE HIGHWAY ENGINEER

DRAWING SCALE: 1/2" = 1'
DETAIL: 3/4" = 1'



SECTION B-B
(POSTS P3 THRU P8)

SECTION A-A
(POST P2)

DETAIL "A"

1. GUARDRAIL END TREATMENT TYPE 1 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH, AND INCLUDES POSTS, RAIL ELEMENTS, GUARDRAIL EXTRUDER AND ALL OTHER INCIDENTALS NECESSARY TO COMPLETE THE INSTALLATION AS DETAILED.
2. PERMISSIBLE ALTERNATES FOR GUARDRAIL END TREATMENT TYPE 1 ARE PATENTED (ONE SOURCE) PRODUCT MANUFACTURED BY TRINITY INDUSTRIES OF DALLAS, TEXAS OR ROAD SYSTEMS INC. OF BIG SPRINGS, TEXAS. (SEE KYTC APPROVED SHOP DRAWINGS)
3. THE MANUFACTURER SHALL FURNISH TWO (2) SETS OF SHOP PLANS TO THE CONTRACTOR WITH EACH INSTALLATION.
4. THE COMPLETED INSTALLATION SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE MANUFACTURER (SEE SHOP DRAWINGS).
5. POSTS P1 THROUGH P9 ARE SPACED 6'-3" ON CENTER.
6. INTENDED USE: AREAS WITH ADEQUATE VEHICLE RECOVERY ZONE BEHIND END TREATMENT.
7. OBJECT MARKER TYPE 3 (SEE CURRENT MUTCD MANUAL FOR DETAILS)

USE WITH CUR. STD. DWG.
RBI-004

KENTUCKY DEPARTMENT OF HIGHWAYS	
GUARDRAIL END TREATMENT TYPE 1	
STANDARD DRAWING NO. RBR-020-04	
SUBMITTED: _____	DIRECTOR DIVISION OF DESIGN _____
APPROVED: _____	STATE HIGHWAY ENGINEER _____
DATE: _____	DATE: _____

ENGLISH T. GATEWOOD
10-1-98

DATE: 12-5-96
CHECKED: 12-5-95
RECOMMENDED: 6-97
APPROVED: F.H.W.A.

RECORDS NAME
DATE: 5-1-01
FORM NO. 10

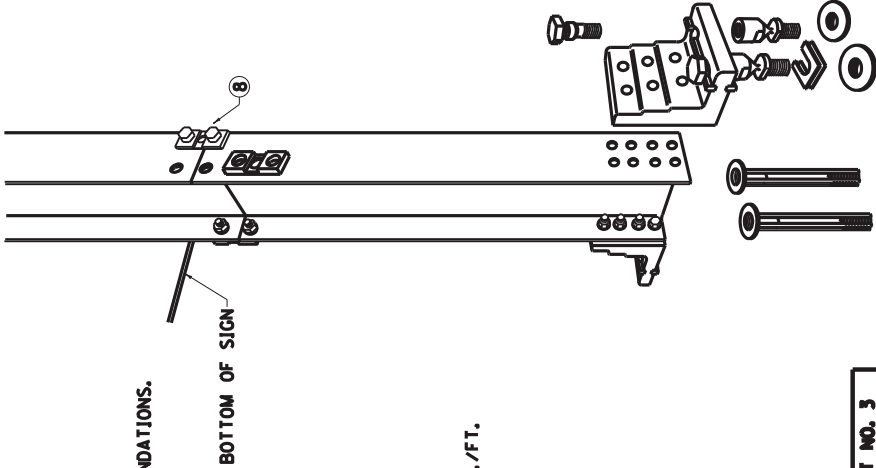
DRAWING SCALE:

DATE: 9-1-08
FORM NO. 10

DRAWN: J. S. GATEWOOD
CHECKED: D. H. MCALISTER
RECOMMENDED: _____
APPROVED: F. H. W. A. _____

~NOTES~

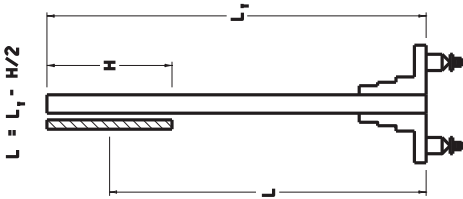
1. BREAKAWAY SIGN SUPPORT SYSTEM FOR TYPE C BEAM SHALL BE SELECTED FROM THE KENTUCKY DEPARTMENT OF HIGHWAYS APPROVED LIST FOR BREAKAWAY SIGN SUPPORT SYSTEMS OR AN APPROVED EQUAL. ACCEPTABLE ALTERNATE BREAKAWAY SIGN SUPPORT SYSTEMS SHALL BE APPROVED BY THE DIVISION OF HIGHWAY DESIGN AND FHWA PRIOR TO INSTALLATION.
2. SELECTION OF THE PROPER BRACKET NUMBER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
3. ALL HARDWARE ITEMS SUPPLIED ARE AMERICAN STANDARD SIZES AND SHALL BE GALVANIZED AND CONFORM TO ASTM A153 OR ASTM B695.
4. FASTENERS EXCEPT FOR SPECIAL BOLT AND COUPLINGS, ARE INSTALLED WITH LOCKWASHERS, AND DO NOT HAVE SPECIFIC TORQUE REQUIREMENTS. FASTENERS SHALL BE SECURED AS TIGHT AS POSSIBLE WITH CONVENTIONAL WRENCHES, UNLESS NOTED OTHERWISE.
5. SQUARE UP AND LEVEL INDIVIDUAL COMPONENTS, PARTICULARLY ANCHORS TO MINIMIZE THE NEED FOR SHIMMING BETWEEN THE COUPLINGS AND ANCHORS.
6. NO MORE THAN TWO SHIMS SHALL BE PLACED UNDER ANY ONE COUPLING.
7. NO MORE THAN THREE SHIMS UNDERNEATH ANY PAIR OF COUPLINGS.
7. THE CONTRACTOR SHALL FURNISH TWO (2) COMPLETE SETS OF SHOP PLANS FOR APPROVAL BY THE ENGINEER A MINIMUM OF TWO WEEKS PRIOR TO INSTALLATION.
- ⑧ THE HINGE SHOULD BE AT LEAST 7'-0" ABOVE THE GROUND.
9. A SINGLE POST IF 7'-0" OR MORE FROM ANOTHER POST, SHALL HAVE A WEIGHT LESS THAN 45 LB./FT. TOTAL WEIGHT BELOW THE HINGE, BUT ABOVE THE SHEAR PLATE OF THE BREAKAWAY BASE, SHOULD NOT EXCEED 600 LB.
10. FOR TWO POSTS SPACED LESS THAN 7'-0" APART, EACH POST SHOULD HAVE A WEIGHT LESS THAN 18 LB./FT.
11. COUPLINGS SHALL NOT BE USED IN SIGN STRUCTURES WITH THREE SUPPORTS OR MORE IF POSTS ARE CLOSER THAN 7'-0" APART.
12. REFER TO DETAIL SHEET "FOOTING DETAILS FOR TYPE C BEAM" FOR FOOTER DETAILS.



~ PICTORIAL VIEW ~

BRACKET SELECTION TABLE

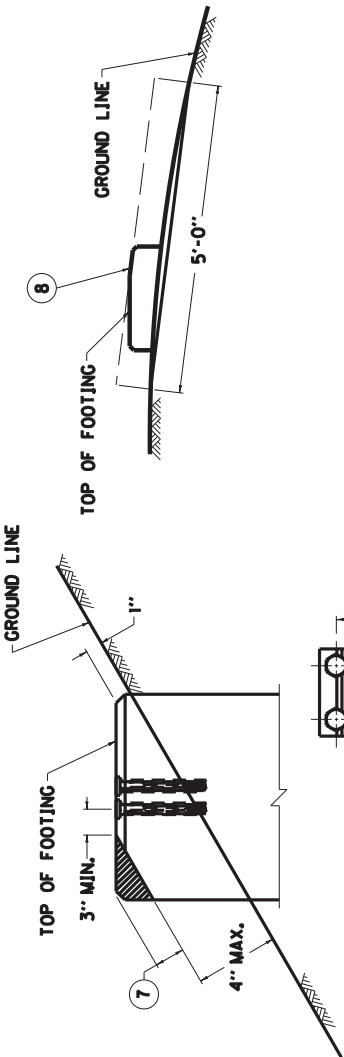
J-BEAM POST SIZE	BRACKET NO. 1		BRACKET NO. 2		BRACKET NO. 3	
	MIN. "L"	MAX. "L"	MIN. "L"	MAX. "L"	MIN. "L"	MAX. "L"
6"	12'-0"	29'-0"	9'-0"	12'-0"	0	9'-0"
8"	14'-0"	29'-0"	10'-0"	14'-0"	0	10'-0"
10"	16'-0"	29'-0"	11'-0"	16'-0"	0	11'-0"
12"	18'-0"	29'-0"	13'-0"	18'-0"	0	13'-0"
14"	19'-0"	29'-0"	14'-0"	19'-0"	0	14'-0"
16"	21'-0"	29'-0"	15'-0"	21'-0"	0	15'-0"
18"	23'-0"	29'-0"	16'-0"	23'-0"	0	16'-0"
21"	25'-0"	29'-0"	18'-0"	25'-0"	0	18'-0"



~ ELEVATION VIEW ~

KENTUCKY
DEPARTMENT OF HIGHWAYS
**BREAKAWAY SIGN
SUPPORT SYSTEM
FOR TYPE C BEAM**
STANDARD DRAWING NO. RGX-060

SUBMITTED: _____ DATE: _____
APPROVED: _____ STATE HIGHWAY ENGINEER _____ DATE: _____



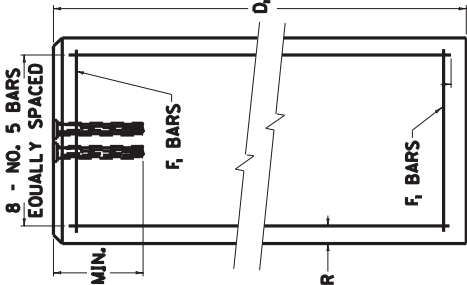
FOOTING SELECTION TABLE

POST SIZE	L ₁ DIA.	D ₁ DEPTH	STEEL F ₁ BARS		REINF. LBS.		CONC. CUL. YD.
			QTY	SIZE	QTY	SIZE	
W6	2'-0"	5'-0"	5	#4	57	#4	0.58
W8	2'-6"	7'-0"	7	#4	88	#4	1.27
W10	3'-0"	8'-0"	8	#4	110	#4	2.09
W12	3'-0"	8'-0"	8	#4	110	#4	2.09
W14	3'-0"	9'-0"	9	#4	124	#4	2.36
W16	3'-6"	9'-0"	9	#4	133	#4	3.21
W18	3'-6"	9'-0"	9	#4	133	#4	3.21
W21	4'-0"	9'-0"	9	#4	143	#4	4.19

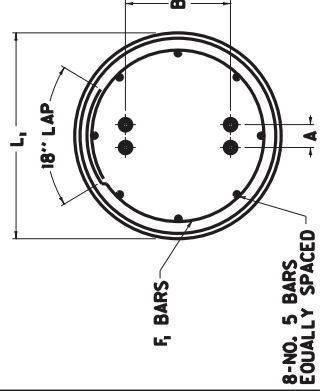
NOTES

- ENTER FOOTING SELECTION TABLE WITH REQUIRED POST SIZE AND FIND REQUIRED FOOTING VALUES AS SHOWN IN DETAILS.
- THE ANCHOR SHALL BE 304 STAINLESS STEEL WITH 1053 STEEL ROD AND COIL.
- FORM TOP 1'-0" OF THE FOOTING.
- USE CLASS "A" CONCRETE IN ALL FOOTINGS.
- ACTUAL DIMENSIONS "A" & "B" SHOULD BE OBTAINED FROM THE MANUFACTURER OR MEASURED FROM THE ASSEMBLED BRACKETS PRIOR TO PLACEMENT OF ANCHORS. TO INSURE PROPER SPACING AND ALIGNMENT OF ANCHORS, IT IS RECOMMENDED THAT ALL ANCHORS BE HELD IN PLACE BY A RIGID TEMPLATE WHILE THE CONCRETE IS PLACED AND CURED.
- FOOTING PROJECTIONS ABOVE GROUND LINE SHALL BE MINIMIZED. THE MAXIMUM PERMISSIBLE FOOTING PROJECTION SHALL BE 4" ON THE LOWER SLOPE SIDE. WHERE NECESSARY, THE SHADED AREA OF THE FOOTING SHALL BE REMOVED AND REINFORCEMENT SHALL BE BENT TO FIT.
- THE TOP OF THE FOOTING SHALL NOT PROJECT MORE THAN 4" ABOVE ANY 5'-0" CHORD ALIGNED PERPENDICULAR TO THE EDGE OF THE ROADWAY BETWEEN A POINT ON THE GROUND SURFACE ON ONE SIDE OF THE SUPPORT TO A POINT ON THE GROUND SURFACE ON THE OTHER SIDE OF THE SUPPORT.

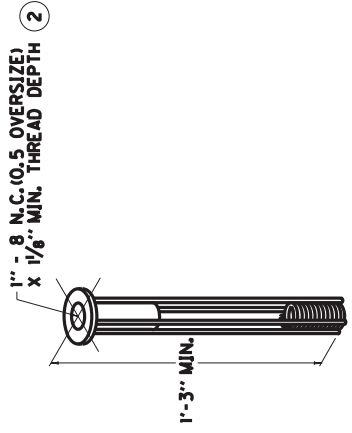
PLAN VIEW



SIDE VIEW



TOP VIEW



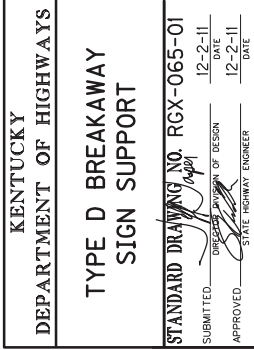
ANCHOR PICTORIAL VIEW

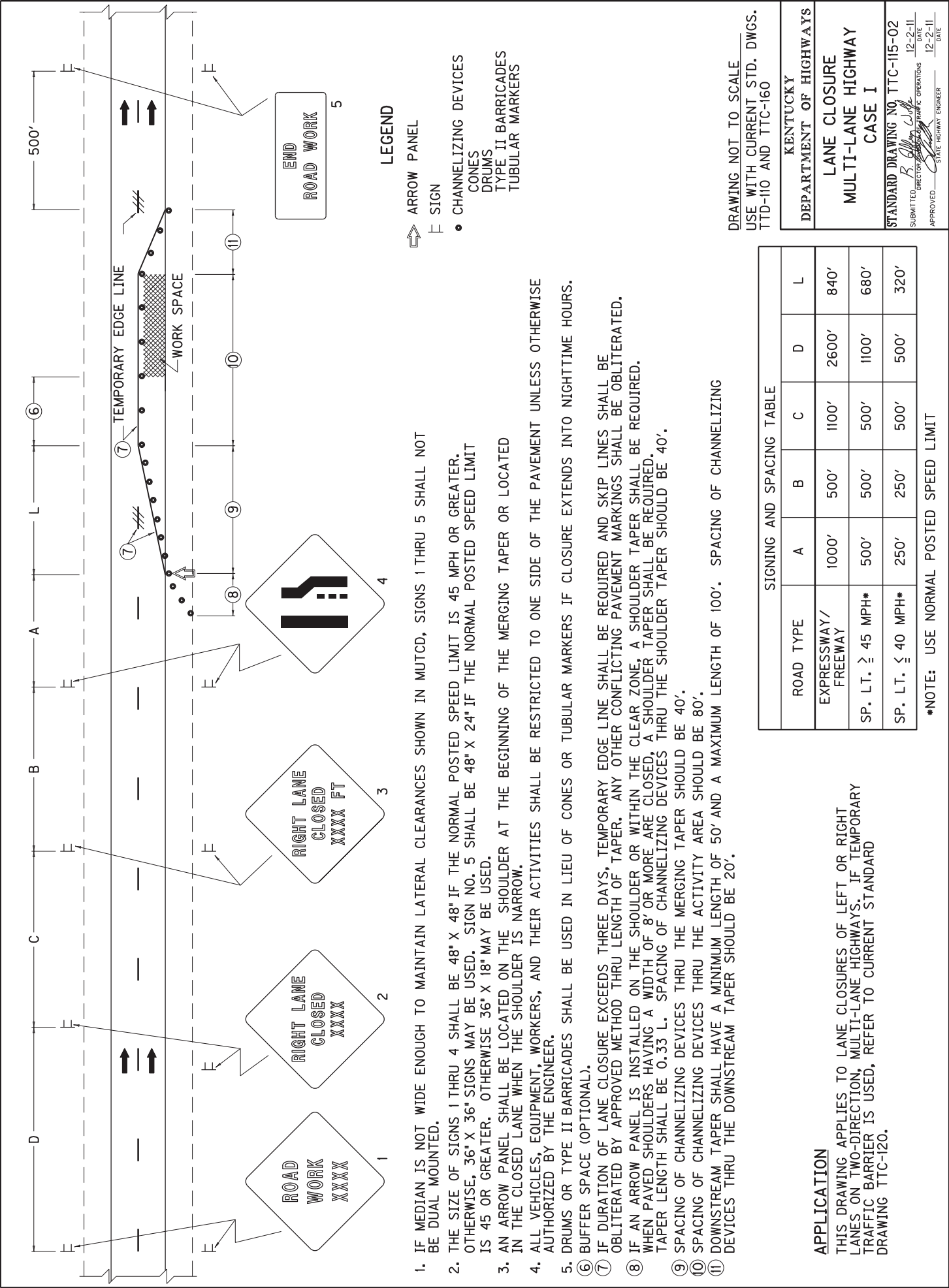
KENTUCKY
DEPARTMENT OF HIGHWAYS

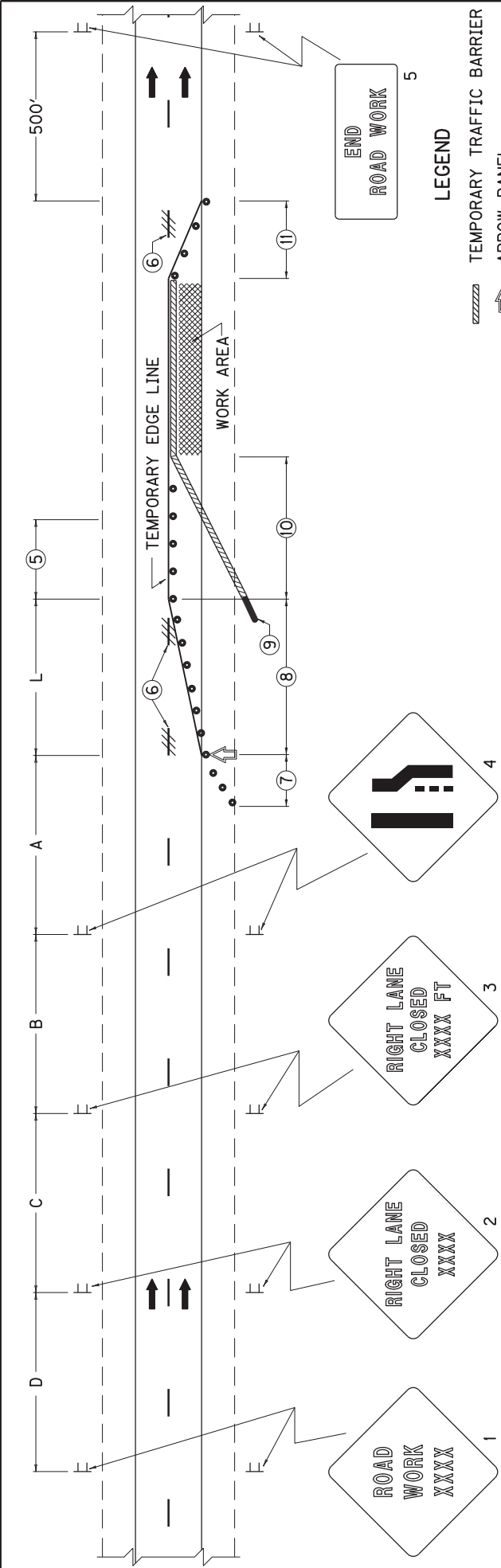
FOOTING DETAILS
FOR
TYPE C BEAM

STANDARD DRAWING NO. RGX-061

SUBMITTED: _____ DATE: _____
APPROVED: _____ STATE HIGHWAY ENGINEER _____ DATE: _____







- IF MEDIAN IS NOT WIDE ENOUGH TO MAINTAIN LATERAL CLEARANCES SHOWN IN THE MUTCD, SIGNS 1 THRU 5 SHALL NOT BE DUAL MOUNTED. IF THE NORMAL POSTED SPEED LIMIT IS 45 MPH OR GREATER, 36" X 36" SIGNS MAY BE USED. SIGN NO. 5 SHALL BE 48" X 24" IF THE NORMAL POSTED SPEED LIMIT IS 45 OR GREATER. OTHERWISE 36" X 18" MAY BE USED.
- AN ARROW PANEL SHALL BE REQUIRED. IT SHALL BE LOCATED ON THE SHOULDER AT THE BEGINNING OF THE MERGING TAPER OR LOCATED IN THE CLOSED LANE WHEN THE SHOULDER IS NARROW.
- THE BARRIER SHALL NOT BE PLACED ALONG THE MERGING TAPER. THE LANE SHALL FIRST BE CLOSED USING CHANNELIZING DEVICES AND PAVEMENT MARKINGS.
- BUFFER SPACE (OPTIONAL).
- SKIP LINES SHALL BE OBLITERATED BY AN APPROVED METHOD THRU LENGTH OF TAPERS. OTHER CONFLICTING PAVEMENT MARKINGS SHALL BE OBLITERATED.
- IF AN ARROW PANEL IS INSTALLED ON THE SHOULDER OR WITHIN THE CLEAR ZONE, A SHOULDER TAPER SHALL BE REQUIRED. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, A SHOULDER TAPER SHALL BE REQUIRED. TAPER LENGTH SHALL BE 0.33 L. SPACING OF CHANNELIZING DEVICES THRU THE SHOULDER TAPER SHOULD BE 40'.
- SPACING OF CHANNELIZING DEVICES THRU THE MERGING TAPER SHOULD BE 40'.
- IN ORDER TO MITIGATE THE EFFECT OF STRIKING THE END OF A TEMPORARY TRAFFIC BARRIER, THE END SHALL BE INSTALLED IN ACCORDANCE WITH THE ROADSIDE DESIGN GUIDE BY FLARING (SEE TABLE) UNTIL THE END IS OUTSIDE THE ACCEPTABLE CLEAR ZONE OR BY PROVIDING CRASHWORTHY END TREATMENTS. FLATTER FLARE RATES MAY BE USED.
- SPACING OF CHANNELIZING DEVICES THRU THIS AREA SHOULD BE 80'.
- DOWNSTREAM TAPER SHALL HAVE A MINIMUM LENGTH OF 50' AND A MAXIMUM LENGTH OF 100'. SPACING OF CHANNELIZING DEVICES THRU THE DOWNSTREAM TAPER SHOULD BE 20'.

MAXIMUM FLARE RATES FOR TEMPORARY TRAFFIC BARRIER

DESIGN SPEED	70 MPH	60 MPH	50 MPH
FLARE RATE	15:1	14:1	11:1

SIGNING AND SPACING TABLE

ROAD TYPE	A	B	C	D	L
EXPRESSWAY / FREEWAY	1000'	500'	1100'	2600'	840'
SP. LT. \geq 45 MPH*	500'	500'	500'	1100'	680'
SP. LT. \leq 40 MPH*	250'	250'	500'	500'	320'

*NOTE: USE NORMAL POSTED SPEED LIMIT

APPLICATION

THIS DRAWING APPLIES TO LANE CLOSURES OF LEFT OR RIGHT LANES USING TEMPORARY TRAFFIC BARRIER ON TWO-DIRECTION, MULTI-LANE HIGHWAYS. IF TEMPORARY TRAFFIC BARRIER IS NOT USED, REFER TO CURRENT STANDARD DRAWING TTC-115.

DRAWING NOT TO SCALE

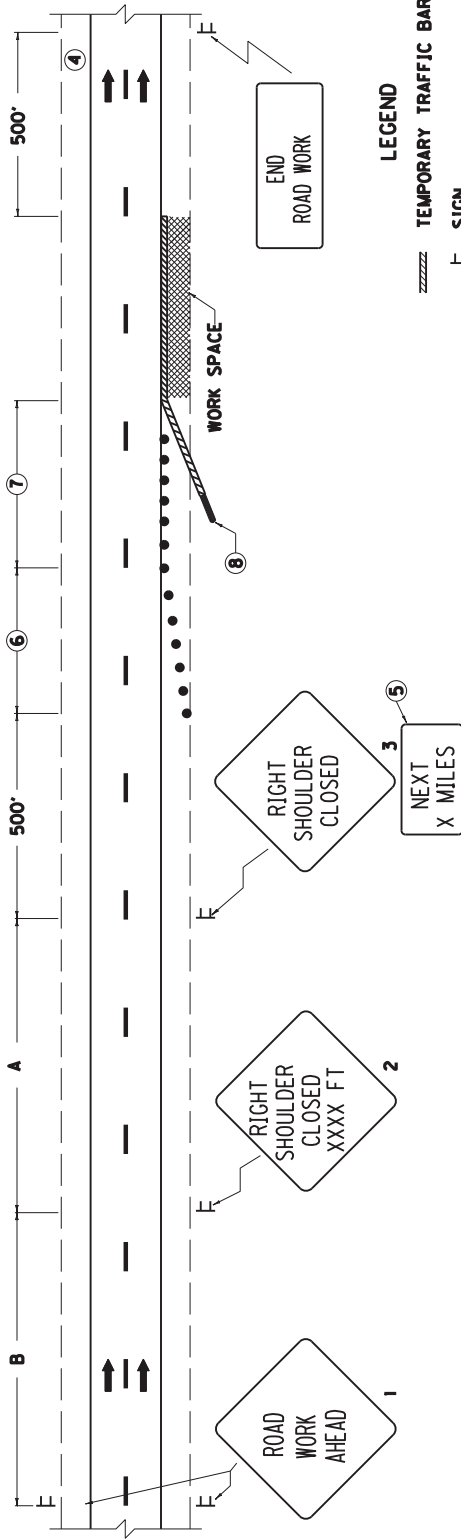
USE WITH CURRENT STD. DWGS. TTD-110 AND TTC-160

KENTUCKY
DEPARTMENT OF HIGHWAYS

LANE CLOSURE
MULTI-LANE HIGHWAY
CASE II

STANDARD DRAWING NO. TTC-120-02
SUBMITTED: *R. [Signature]* DATE: 12-2-11
APPROVED: *[Signature]* DATE: 12-2-11
STATE HIGHWAY ENGINEER

DRAWING SCALE: X AXIS 1"=200' AS-005
Y AXIS 1"=20' AS-105



1. THE SIZE OF SIGNS 1 THRU 3 SHALL BE 48" X 48" IF THE NORMAL POSTED SPEED LIMIT IS 45 MPH OR GREATER, OTHERWISE, 36" X 36". SIGNS MAY BE USED. THE "END ROAD WORK" SIGN SHALL BE 48" X 24" IF THE NORMAL POSTED SPEED LIMIT IS 45 MPH OR GREATER, OTHERWISE 36" X 18" MAY BE USED.
2. SIGN 1 SHALL NOT BE DUAL-MOUNTED ON TWO-LANE, TWO-DIRECTION HIGHWAYS OR ON MULTI-LANE HIGHWAYS WHERE MEDIAN IS NOT WIDE ENOUGH TO MAINTAIN LATERAL CLEARANCES SHOWN IN THE MUTCD. SIGNS 2 AND 3 SHALL BE INSTALLED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.
3. DRUMS OR TYPE II BARRICADES SHALL BE USED IN LIEU OF CONES OR TUBULAR MARKERS IF CLOSURE EXTENDS INTO NIGHTTIME HOURS.
4. ON TWO-LANE TWO-DIRECTION HIGHWAYS, SIGNS 1 THRU 3 SHALL BE INSTALLED ON THE APPROACH WITH THE RIGHT SHOULDER CLOSED. A "ROAD WORK AHEAD" AND "SHOULDER WORK" SIGN SHALL BE INSTALLED ON THE OPPOSITE APPROACH. THE "SHOULDER WORK" SIGN SHALL BE MOUNTED IN ADVANCE OF THE CLOSURE AT A SPACING OF "A" (SEE SIGNING AND SPACING TABLE). AN ADDITIONAL "ROAD WORK AHEAD" SIGN SHALL BE INSTALLED IN ADVANCE OF THE "SHOULDER WORK" SIGN AT A SPACING OF "B".
5. WHEN THE END OF THE CLOSURE CANNOT BE SEEN BY ROAD USERS, A "NEXT X MILES" PLAQUE SHALL BE INSTALLED BELOW THE "SHOULDER CLOSED" SIGN. THE PLAQUE SHALL BE 36" X 30" WHEN THE NORMAL POSTED SPEED LIMIT IS 45 MPH OR GREATER, OTHERWISE 24" X 18" MAY BE USED.
6. TAPER LENGTH SHALL BE 0.33 L. SPACING OF CHANNELIZING DEVICES THROUGH THE SHOULDER TAPER SHOULD BE 40'.
7. SPACING OF CHANNELIZING DEVICES THROUGH THE REMAINDER OF THE CLOSURE SHOULD BE 80'.
8. TEMPORARY TRAFFIC BARRIER SHALL BE REQUIRED ONLY IF DESIGNATED ELSEWHERE IN THE PLANS. IN ORDER TO MITIGATE THE EFFECT OF STRIKING THE END OF A TEMPORARY TRAFFIC BARRIER, THE END SHALL BE INSTALLED IN ACCORDANCE WITH THE ROADSIDE DESIGN GUIDE BY FLARING (SEE TABLE) UNTIL THE END IS OUTSIDE THE ACCEPTABLE CLEAR ZONE OR BY PROVIDING CRASHWORTHY END TREATMENTS. FLATTER FLARE RATES MAY BE USED.

MAXIMUM FLARE RATES FOR TEMPORARY TRAFFIC BARRIER			
DESIGN SPEED	70 MPH	60 MPH	50 MPH
FLARE RATE	15:1	14:1	11:1

SIGNING AND SPACING TABLE			
ROAD TYPE	A	B	L
EXPRESSWAY/FREEWAY	1000'	1600'	840'
SP. LT. ≥ 45 MPH	500'	500'	680'
SP. LT. ≤ 40 MPH	500'	500'	320'

•NOTE: USE NORMAL POSTED SPEED LIMIT

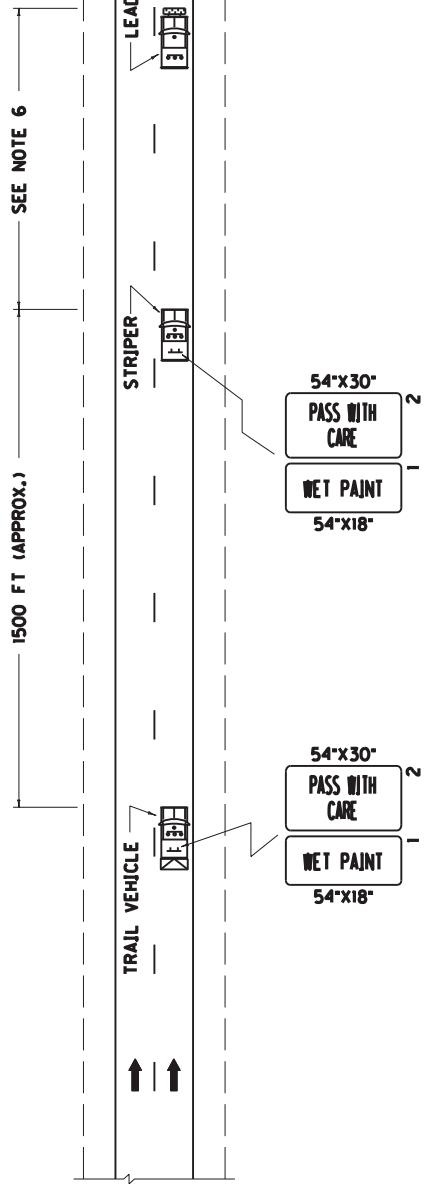
APPLICATION
THIS DRAWING APPLIES TO SHOULDER CLOSURES ON MULTI-LANE HIGHWAYS, TWO-LANE TWO-DIRECTION HIGHWAYS, AND ONE-WAY HIGHWAYS.

DRAWING NOT TO SCALE
USE WITH CURRENT STD. DWG. TTD-110

KENTUCKY DEPARTMENT OF HIGHWAYS
SHOULDER CLOSURE
STANDARD DRAWING NO. TTC-135-01
SUBMITTED DIRECTOR, DIVISION OF TRAFFIC OPERATIONS
APPROVED _____ DATE _____
STATE HIGHWAY NUMBER _____

DESIGNER NAME	DATE 5-1-10	FORM NO. 10
DRAWN T. S. GATLEWOOD	CHECKED _____	RECOMMENDED _____
DATE 1-97	REVISED _____	APPROVED F.H.W.A. _____

DATE 5-16-2011
REVISED TIM THARPE
DATE 5-16-2011



LEGEND

- 3 FLASHING ARROW PANELS
- 1 SIGN
- 1 TRUCK MOUNTED ATTENUATOR
- 1 SWEEPER/BLOWER

1. FLASH ARROW PANELS TO DIRECT TRAFFIC RIGHT OR LEFT AS APPROPRIATE. FLASHING ARROW PANELS SHALL BE TYPE B (60"x30") OR LARGER.
2. SIGN 1 SHALL HAVE A BLACK BORDER AND LEGEND ON A BACKGROUND OF FLOURESCENT ORANGE SHEETING. SIGN 2 SHALL HAVE A BLACK BORDER AND LEGEND ON A BACKGROUND OF REFLECTIVE WHITE SHEETING.
3. ALL VEHICLES IN THE STRIPING TRAIN SHALL BE EQUIPPED WITH HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS ON THE CAB.
4. THE LAST TRAIL VEHICLE IN THE STRIPING TRAIN SHALL BE EQUIPPED WITH A TRUCK MOUNTED ATTENUATOR (T.M.A.) IF LANES ARE 10' WIDE OR GREATER.
5. THE LEAD VEHICLE SHALL MAINTAIN VISUAL CONTACT WITH THE STRIPER.
6. TWO-WAY RADIO COMMUNICATION SHALL BE MAINTAINED BETWEEN ALL VEHICLES IN THE STRIPING TRAIN.
7. ADDITIONAL VEHICLES MAY BE ADDED TO THE STRIPING TRAIN AS NEEDED TO PROTECT THE FRESHLY PAINTED LINE.
8. THE SPACING BETWEEN VEHICLES IN THE WORK TRAIN SHOULD BE ADJUSTED, AS NEEDED, TO PROVIDE ADEQUATE SIGHT DISTANCE TO APPROACHING VEHICLES AND TO PROTECT THE FRESHLY APPLIED LINE.
9. VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

DRAWING NOT TO SCALE
USE WITH CURRENT STD. DWGS.
TTD-100

APPLICATION

THIS DRAWING APPLIES TO PAINT STRIPING OPERATIONS ON MULTI-LANE ROADWAYS INVOLVING THE PLACEMENT OF EDGE LINES ONLY.

KENTUCKY
DEPARTMENT OF HIGHWAYS

MOBILE OPERATION
FOR PAINT STRIPING
CASE III

STANDARD DRAWING NO. TTS-110-01

SUBMITTED DIRECTOR, DIVISION OF TRAFFIC OPERATIONS DATE
APPROVED STATE HIGHWAY ENGINEER DATE

DATE 6-9-02

CHECKED

RECOMMENDED

APPROVED F.H.M.A.

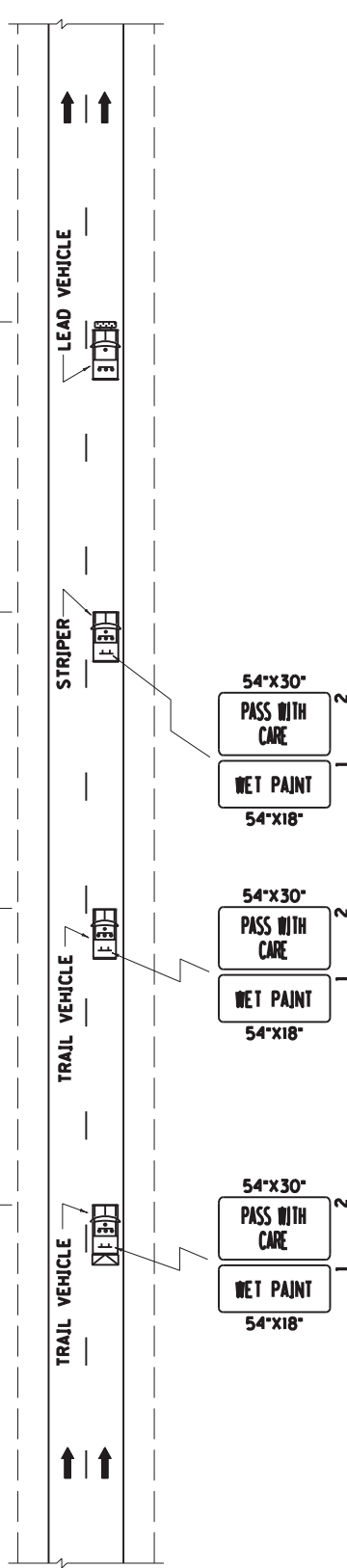
DATE 6-9-02

REVISIONS

DATE 6-9-02

REVISIONS

750 FT (APPROX.) 750 FT (APPROX.) SEE NOTE 6



LEGEND

- 3 FLASHING ARROW PANELS
- 1 SIGN
- TRUCK MOUNTED ATTENUATOR
- SWEeper/BLOWER

1. FLASH ARROW PANELS TO DIRECT TRAFFIC RIGHT OR LEFT AS APPROPRIATE. FLASHING ARROW PANELS SHALL BE TYPE B (60"x30") OR LARGER.
2. SIGN 1 SHALL HAVE A BLACK BORDER AND LEGEND ON A BACKGROUND OF FLUORESCENT ORANGE SHEETING. SIGN 2 SHALL HAVE A BLACK BORDER AND LEGEND ON A BACKGROUND OF REFLECTIVE WHITE SHEETING.
3. ALL VEHICLES IN THE STRIPING TRAIN SHALL BE EQUIPPED WITH HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS ON THE CAB.
4. THE LAST TRAIL VEHICLE IN THE STRIPING TRAIN SHALL BE EQUIPPED WITH A TRUCK MOUNTED ATTENUATOR (T.M.A.) IF LANES ARE 10' WIDE OR GREATER.
5. THE LEAD VEHICLE SHALL MAINTAIN VISUAL CONTACT WITH THE STRIPER.
6. TWO-WAY RADIO COMMUNICATION SHALL BE MAINTAINED BETWEEN ALL VEHICLES IN THE STRIPING TRAIN.
7. ADDITIONAL VEHICLES MAY BE ADDED TO THE STRIPING TRAIN AS NEEDED TO PROTECT THE FRESHLY PAINTED LINE.
8. THE SPACING BETWEEN VEHICLES IN THE WORK TRAIN SHOULD BE ADJUSTED, AS NEEDED, TO PROVIDE ADEQUATE SIGHT DISTANCE TO APPROACHING VEHICLES AND TO PROTECT THE FRESHLY APPLIED LINE.
9. VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

DRAWING NOT TO SCALE
USE WITH CURRENT STD. DWG.
TTD-100

KENTUCKY
DEPARTMENT OF HIGHWAYS

MOBILE OPERATION
FOR PAINT STRIPING
CASE JV

STANDARD DRAWING NO. TTS-115-01

SUBMITTED: _____ DATE: _____
DIRECTOR, DIVISION OF TRAFFIC OPERATIONS
APPROVED: _____ STATE HIGHWAY NUMBER: _____ DATE: _____

APPLICATION

THIS DRAWING APPLIES TO PAINT STRIPING OPERATIONS ON MULTI-LANE ROADWAYS INVOLVING EITHER THE PLACEMENT OF LANE LINES ONLY OR A COMBINATION OF LANE LINES AND EDGE LINES.

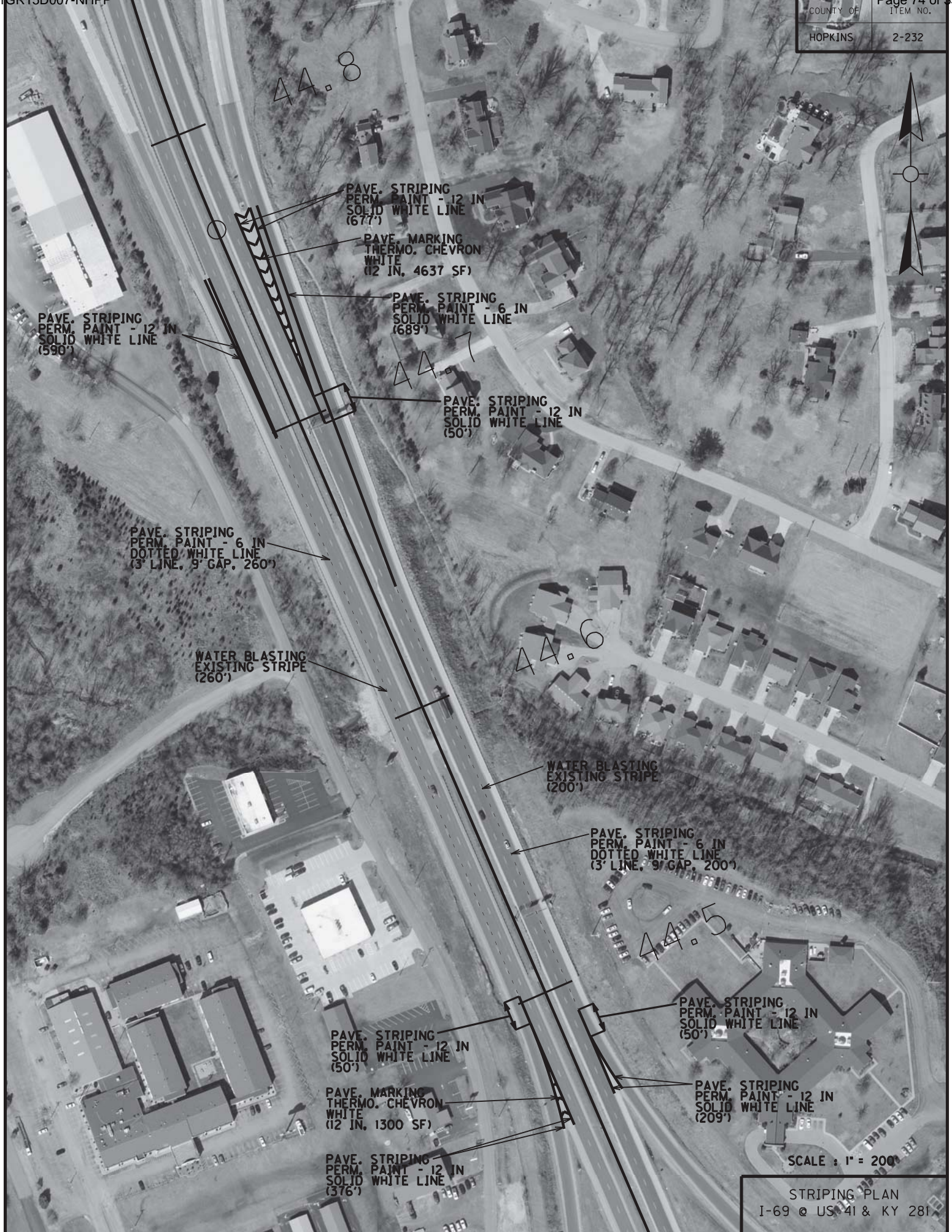
DATE: 9-1-01
FORM NO. 10

DATE: 6-11-02
CHECKED: _____
RECOMMENDED: _____
APPROVED: F.H.M.A.

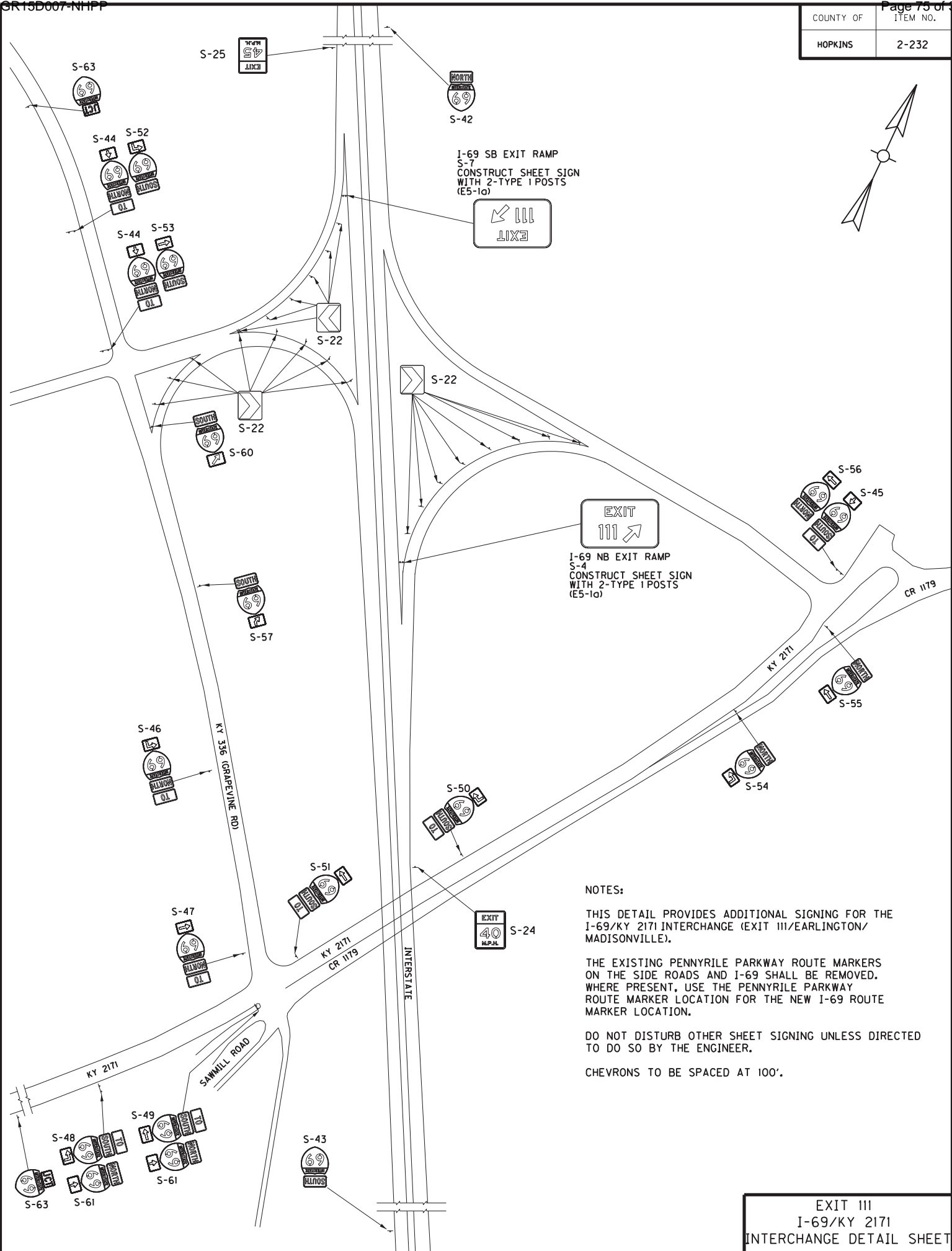
DATE: 6-11-02
REVISED: _____
T.M. THARPE

DATE: 6-11-02

COUNTY OF	ITEM NO.
HOPKINS	2-232



COUNTY OF	ITEM NO.
HOPKINS	2-232



NOTES:

THIS DETAIL PROVIDES ADDITIONAL SIGNING FOR THE I-69/KY 2171 INTERCHANGE (EXIT III/EARLINGTON/MADISONVILLE).

THE EXISTING PENNYRILE PARKWAY ROUTE MARKERS ON THE SIDE ROADS AND I-69 SHALL BE REMOVED. WHERE PRESENT, USE THE PENNYRILE PARKWAY ROUTE MARKER LOCATION FOR THE NEW I-69 ROUTE MARKER LOCATION.

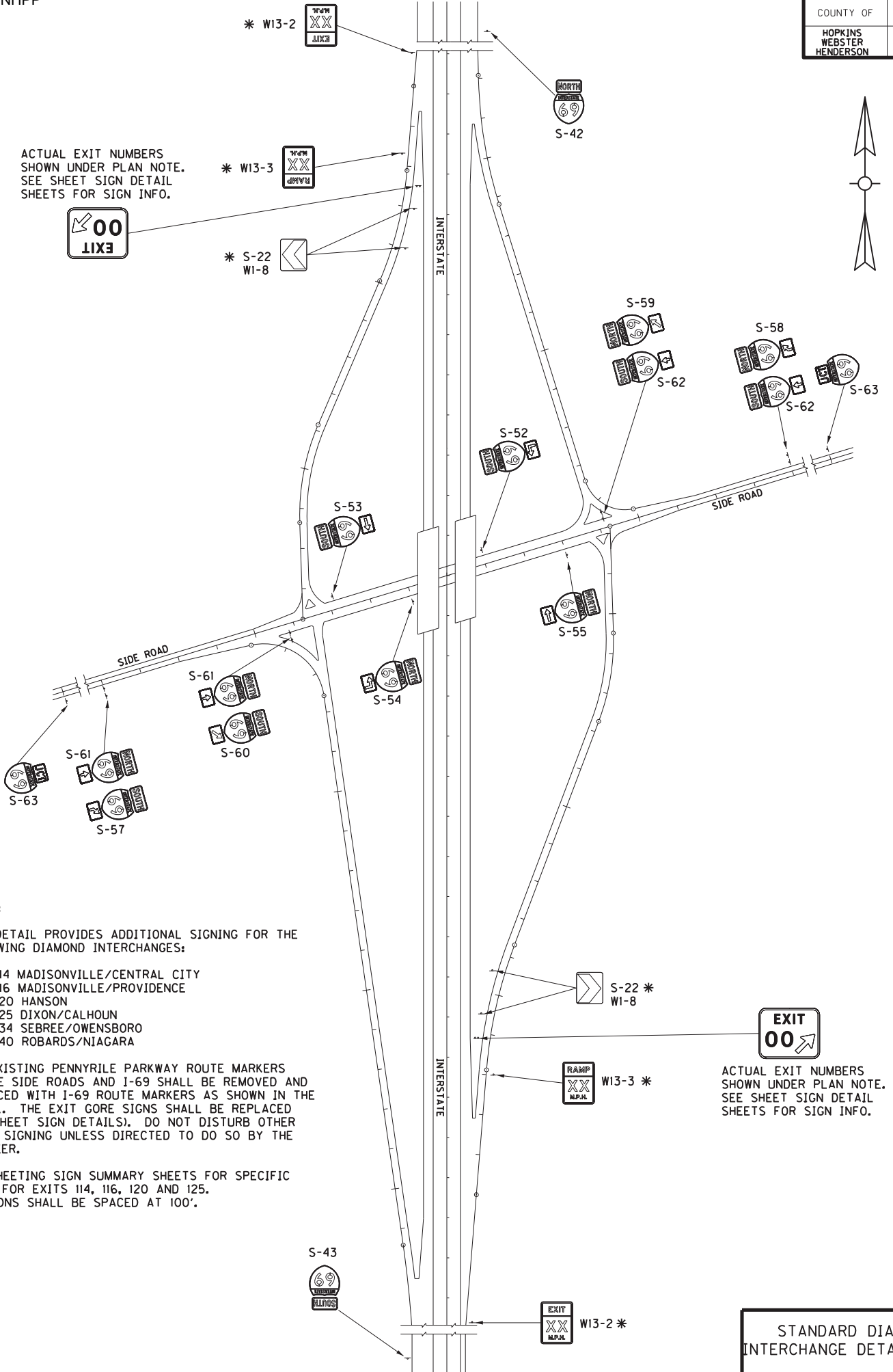
DO NOT DISTURB OTHER SHEET SIGNING UNLESS DIRECTED TO DO SO BY THE ENGINEER.

CHEVRONS TO BE SPACED AT 100'.

EXIT III
I-69/KY 2171
INTERCHANGE DETAIL SHEET

121OR15D007-NHPP

COUNTY OF	ITEM NO.
HOPKINS WEBSTER HENDERSON	2-232



ACTUAL EXIT NUMBERS
SHOWN UNDER PLAN NOTE.
SEE SHEET SIGN DETAIL
SHEETS FOR SIGN INFO.



ACTUAL EXIT NUMBERS
SHOWN UNDER PLAN NOTE.
SEE SHEET SIGN DETAIL
SHEETS FOR SIGN INFO.



NOTES:

THIS DETAIL PROVIDES ADDITIONAL SIGNING FOR THE
FOLLOWING DIAMOND INTERCHANGES:

- EXIT 114 MADISONVILLE/CENTRAL CITY
- EXIT 116 MADISONVILLE/PROVIDENCE
- EXIT 120 HANSON
- EXIT 125 DIXON/CALHOUN
- EXIT 134 SEBREE/OWENSBORO
- EXIT 140 ROBARDS/NIAGARA

THE EXISTING PENNYRILE PARKWAY ROUTE MARKERS
ON THE SIDE ROADS AND I-69 SHALL BE REMOVED AND
REPLACED WITH I-69 ROUTE MARKERS AS SHOWN IN THE
DETAIL. THE EXIT GORE SIGNS SHALL BE REPLACED
(SEE SHEET SIGN DETAILS). DO NOT DISTURB OTHER
SHEET SIGNING UNLESS DIRECTED TO DO SO BY THE
ENGINEER.

* SEE SHEETING SIGN SUMMARY SHEETS FOR SPECIFIC
SIGNS FOR EXITS 114, 116, 120 AND 125.
CHEVRONS SHALL BE SPACED AT 100'.

STANDARD DIAMOND
INTERCHANGE DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS	2-232



COUNTY OF	ITEM NO.
HOPKINS	2-232

MATCHLINE (SEE SHEET 5)

P-3
STA. 205+78.06 1-69 NB
EX. M.P. 38.870 PROP. M.P. 110.684
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE C

EXIT 111

(2171)
Earlington
Madisonville
1 MILE



STA 179+82.95
EX. M.P. 38.417
PROP. M.P. 110.231
DO NOT DISTURB
(MORTONS GAP 1 MILE)
CONSTRUCTED AS PART OF
ITEM NO. 2-232.02

STA. 181+39.5 1-69 NB
EX. M.P. 38.446 PROP. M.P. 110.260
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(MADISONVILLE/NEXT 4 EXITS)

EXIT 37
LODGING/CAMPING
MILE 38.265
STA 171+82.95
DO NOT DISTURB

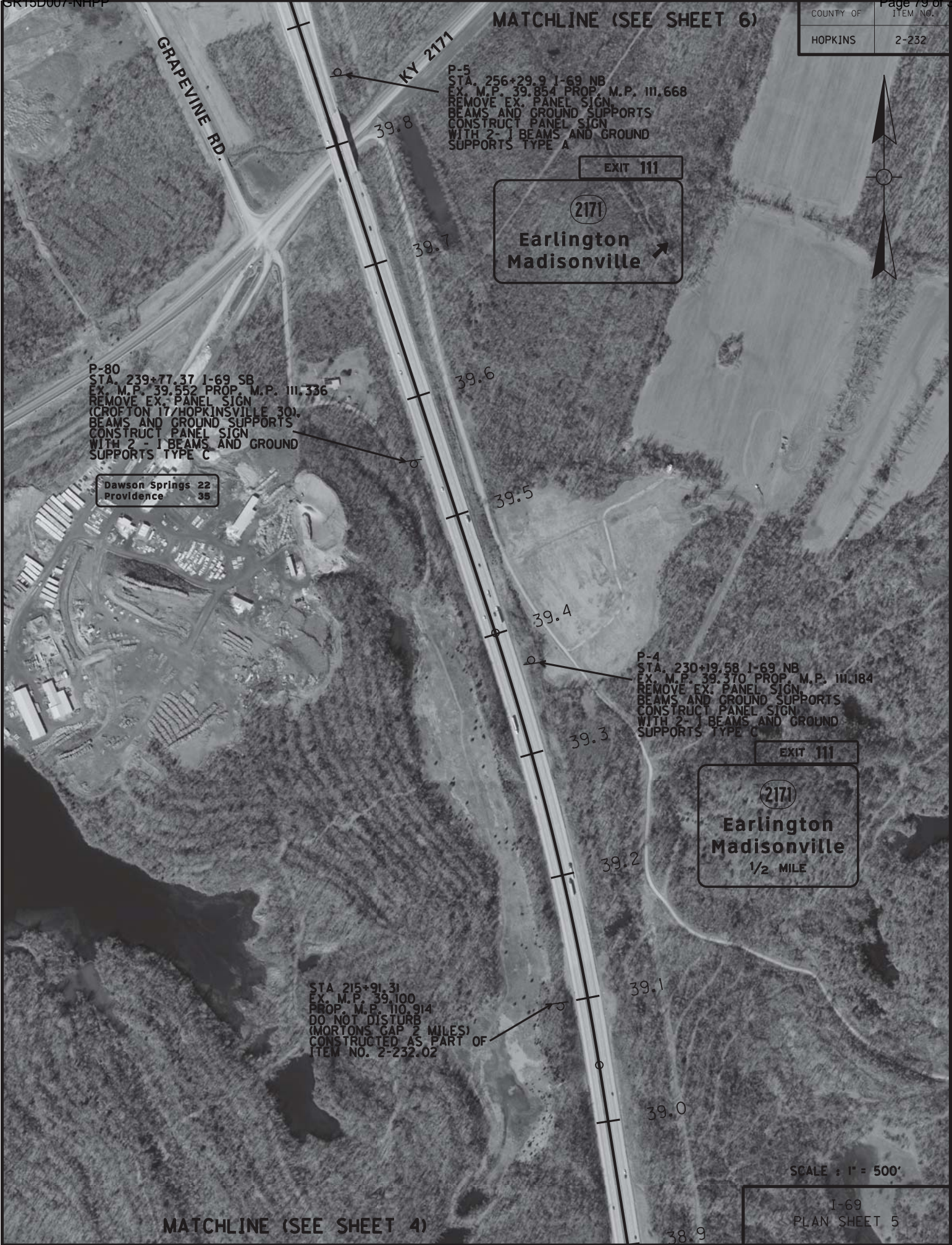
SCALE : 1" = 500'

MATCHLINE (SEE SHEET 3)

I-69
PLAN SHEET 4

121CR15D007-NHPP

COUNTY OF	ITEM NO.
HOPKINS	2-232



MATCHLINE (SEE SHEET 7)

COUNTY OF	ITEM NO.
HOPKINS	2-232

P-78
STA. 310+80.62 I-69 SB
EX. M.P. 40.886
PROP. M.P. 112.700
REMOVE EX. PANEL SIGN,
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 3- I BEAMS AND GROUND
SUPPORTS TYPE A

EXIT 111

(2171)
Earlington
Madisonville
1/2 MILE

STA. 305+77.44 I-69 NB
EX. M.P. 40.791 PROP. M.P. 112.605
REMOVE EX. PANEL SIGN,
BEAMS AND GROUND SUPPORTS
(MADISONVILLE 3/HANSON 8)



P-79
STA. 284+69.65 I-69 SB
EX. M.P. 40.392
PROP. M.P. 112.206
REMOVE EX. PANEL SIGN,
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2- I BEAMS AND GROUND
SUPPORTS TYPE C

EXIT 111

(2171)
Earlington
Madisonville

GRAPEVINE RD.

EXIT 40 GORE SIGN
MILE 39.985
STA. 263+22.37
REMOVE EX. PANEL SIGN,
BEAMS AND GROUND SUPPORTS

KY 2171

MATCHLINE (SEE SHEET 5)

SCALE : 1" = 500'

I-69
PLAN SHEET 6

COUNTY OF	ITEM NO.
HOPKINS	2-232

MATCHLINE (SEE SHEET 8)

STA. 368+82.37 I-69 NB
EX. M.P. 41.985 PROP. M.P. 113.799
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(MADISONVILLE/CENTRAL CITY/
NEXT RIGHT)

P-83
STA. 361+02.82 I-69 NB
EX. M.P. 41.84
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(EXIT 42/FOOD).
RELOCATE PANEL SIGN TO
STA. 368+82.37 I-69 NB
EX. M.P. 41.985 PROP. M.P. 113.799
CONSTRUCT 2 - I BEAMS AND
GROUND SUPPORTS TYPE C

EXIT 114

70

Madisonville
Central City

1/2 MILE

P-9
STA. 357+47.11 I-69 NB
EX. M.P. 41.77 PROP. M.P. 113.58
CONSTRUCT PANEL SIGN
WITH 2- I BEAMS AND GROUND
SUPPORTS TYPE C

STA. 352+58.87 I-69 SB
EX. M.P. 41.678 PROP. M.P. 113.492
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(MORTONS GAP & HOPKINSVILLE 33)

P-82
STA. 352+82.36 I-69 NB
EX. M.P. 41.68
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(EXIT 42/LODGING/GAS).
RELOCATE PANEL SIGN TO
STA. 349+55 I-69 NB
EX. M.P. 41.62 PROP. M.P. 113.43
CONSTRUCT 2 - I BEAMS AND
GROUND SUPPORTS TYPE C

P-8
STA. 341+01.02 I-69 NB
EX. M.P. 41.459 PROP. M.P. 113.273
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2- I BEAMS AND GROUND
SUPPORTS TYPE C

H
HOSPITAL

✈
AIRPORT
EXIT 114

P-77
STA. 344+42.33 I-69 SB
EX. M.P. 41.523 PROP. M.P. 113.337
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2- I BEAMS AND GROUND
SUPPORTS TYPE C

EXIT 111

2171

Earlington
Madisonville

1 MILE

EXIT 114

70

Madisonville
Central City

1 MILE

P-7
STA. 327+11.42 I-69 NB
EX. M.P. 41.20 PROP. M.P. 113.09
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2- I BEAMS AND GROUND
SUPPORTS TYPE C

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 6)

I-69
PLAN SHEET 7

MATCHLINE (SEE SHEET 9)

COUNTY OF	ITEM NO.
HOPKINS	2-232

P-85
STA. 424+29.86 I-69 SB
EX. M.P. 43.021 PROP. M.P. 114.835
REMOVE EX. PANEL SIGN,
BEAMS AND GROUND SUPPORTS
(CENTRAL CITY/MADISONVILLE/
NEXT RIGHT)
RELOCATE PANEL SIGN
(EXIT 42/LODGING/GAS)
CONSTRUCT 2 - I BEAMS AND
GROUND SUPPORTS TYPE C

EXIT 42
FOOD
MILE 42.871
STA 416+35.66
DO NOT DISTURB

P-74
STA. 408+22.26 I-69 SB
EX. M.P. 42.717 PROP. M.P. 114.531
REMOVE EX. PANEL SIGN,
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2-I BEAMS AND GROUND
SUPPORTS TYPE C

EXIT 114

70
Central City
Madisonville ↗

EXIT 42 GORE SIGN
MILE 42.592
STA 401+64.91
REMOVE EX. PANEL SIGN,
BEAMS AND GROUND SUPPORTS
KY 70

EXIT 42 GORE SIGN
MILE 42.311
STA 385+99.89
REMOVE EX. PANEL SIGN,
BEAMS AND GROUND SUPPORTS

KY 70

EXIT 114

70
Madisonville
Central City ↗

P-10
STA. 381.99.34 I-69 NB
EX. M.P. 42.235 PROP. M.P. 114.049
REMOVE EX. PANEL SIGN,
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2-I BEAMS AND GROUND
SUPPORTS TYPE C

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 7)

I-69
PLAN SHEET 8

MATCHLINE (SEE SHEET 10)

COUNTY OF	ITEM NO.
HOPKINS	2-232

EXIT 116

ALT
281 TO 41

Madisonville
Providence

EXIT 116

ALT
281 TO 41

Madisonville
Providence

1/2 MILE

Madisonville
Community College

Murray State University
Madisonville Regional Campus

EXIT 116

EXIT 116

ALT
281 TO 41

Madisonville
Providence

1 MILE

EXIT 114

70

Central City
Madisonville

1 MILE

AIRPORT
EXIT 114

EXIT 114

70

Central City
Madisonville

1/2 MILE

P-15
STA. 478+86.42 I-69 NB
EX. M.P. 44.054 PROP. M.P. 115.868
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE C

43.9

EXIT 44
GAS/LODGING
MILE 43.931
STA 472+36.98
DO NOT DISTURB

43.8

P-14
STA. 464+44.04 I-69 NB
EX. M.P. 43.780 PROP. M.P. 115.594
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(SHAWNEETOWN BRIDGE/
MADISONVILLE COMM. COLLEGE)
CONSTRUCT PANEL SIGN
WITH 3 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

43.7

EXIT 44
FOOD
MILE 43.626
STA 449+57.4
DO NOT DISTURB

43.6

P-11
STA. 449+57.40 I-69 NB
EX. M.P. 43.499 PROP. M.P. 115.313
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(HOSPITAL)
CONSTRUCT PANEL SIGN
WITH 4 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

43.5

P-71
STA. 452+74.84 I-69 SB
EX. M.P. 43.559 PROP. M.P. 115.373
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 3 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

43.4

P-12
STA. 437+90.52 I-69 NB
EX. M.P. 43.278 PROP. M.P. 115.092
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 3 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

43.3

P-72
STA. 443+17.08 I-69 SB
EX. M.P. 43.379 PROP. M.P. 115.193
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

43.2

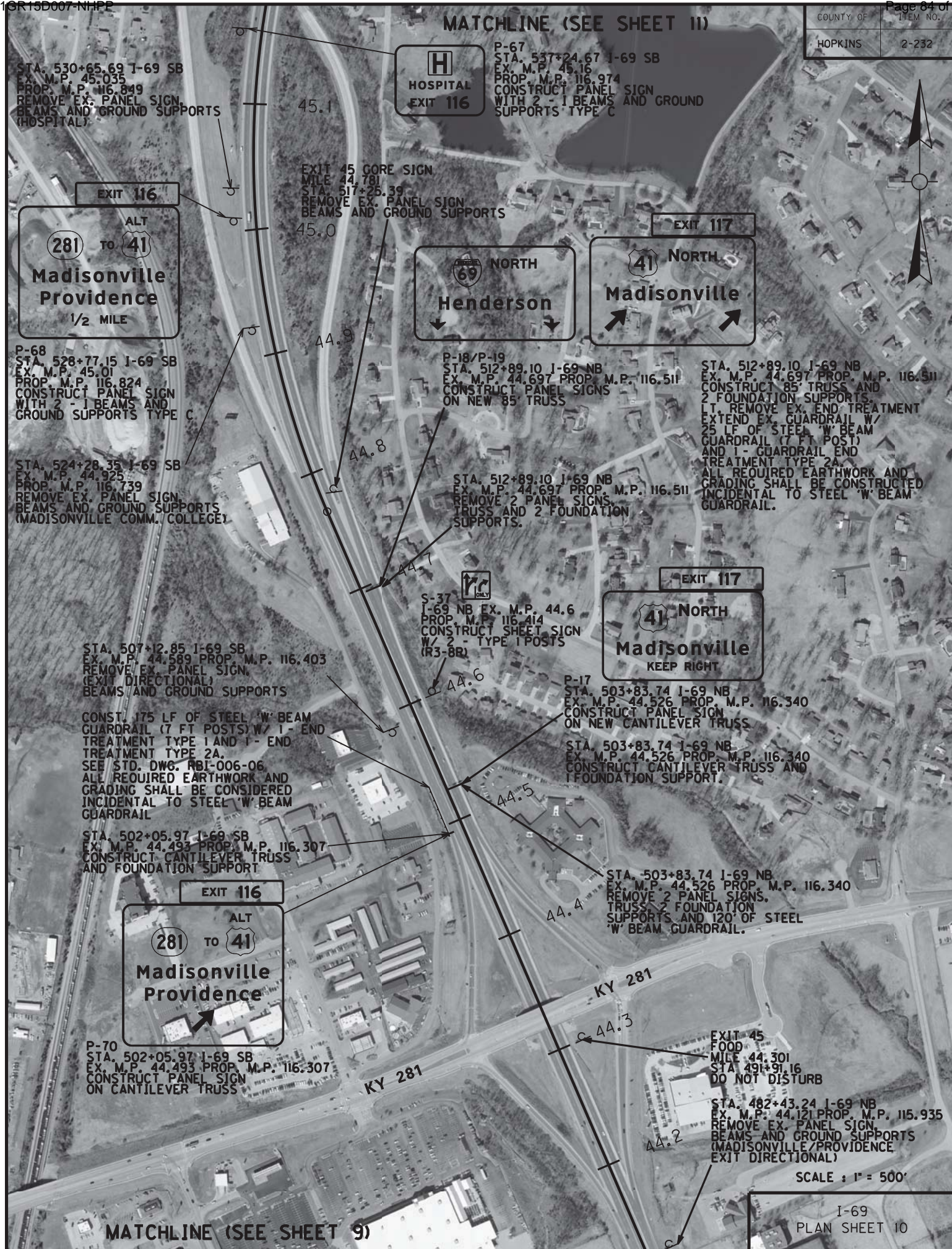
P-73
STA. 431+69.44 I-69 SB
EX. M.P. 43.161 PROP. M.P. 114.975
REMOVE AND RELOCATE
EX. PANEL SIGN BEAMS
AND GROUND SUPPORTS
(EXIT 42/LODGING/GAS)
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE C

43.1

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 8)

I-69
PLAN SHEET 9



MATCHLINE (SEE SHEET 12)

COUNTY OF	ITEM NO.
HOPKINS	2-232



P-63
STA. 565+30.65 I-69 SB
EX. M.P. 45.684
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(FOOD-EXIT 44).
RELOCATE PANEL SIGN TO
STA. 569+31.93 I-69 SB
EX. M.P. 45.76 PROP. M.P. 117.57
CONSTRUCT 2 - I BEAMS AND
GROUND SUPPORTS TYPE C

P-64
STA. 542+72.17 I-69 SB
EX. M.P. 45.257
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(EXIT 44/CAS/LODGING).
RELOCATE PANEL SIGN TO
STA. 561+36.01 I-69 SB
EX. M.P. 45.61 PROP. M.P. 117.42
CONSTRUCT 2 - I BEAMS AND
GROUND SUPPORTS TYPE A

EXIT 116

ALT
(281) TO (41)

Madisonville
Providence

1 MILE

Hanson 4
Sebree 19
Henderson 35

P-20
STA. 564+07.39 I-69 NB
EX. M.P. 45.661 PROP. M.P. 117.475
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - I BEAMS AND GROUND
SUPPORTS TYPE A

P-66
STA. 553+59.41 I-69 SB
EX. M.P. 45.463 PROP. M.P. 117.277
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - I BEAMS AND GROUND
SUPPORTS TYPE A

Madisonville
Community College

Murray State University
Madisonville Regional Campus

EXIT 116

P-69
STA. 545+51.57 I-69 SB
EX. M.P. 45.31
PROP. M.P. 117.124
CONSTRUCT PANEL SIGN
WITH 3 - I BEAMS AND
GROUND SUPPORTS
TYPE C

SCALE : 1" = 500'

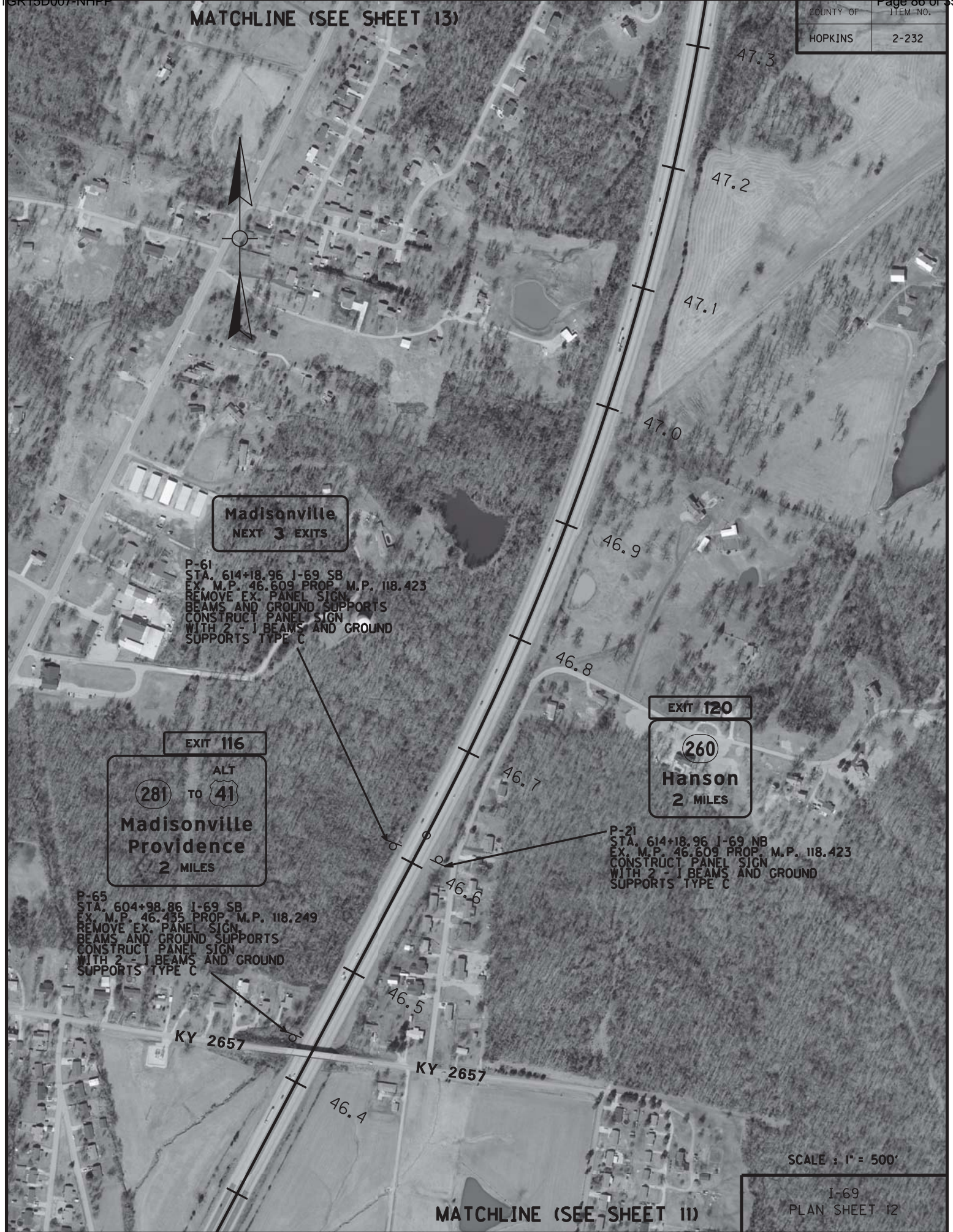
I-69
PLAN SHEET 11

MATCHLINE (SEE SHEET 10)

NB OFF RAMP
US 41

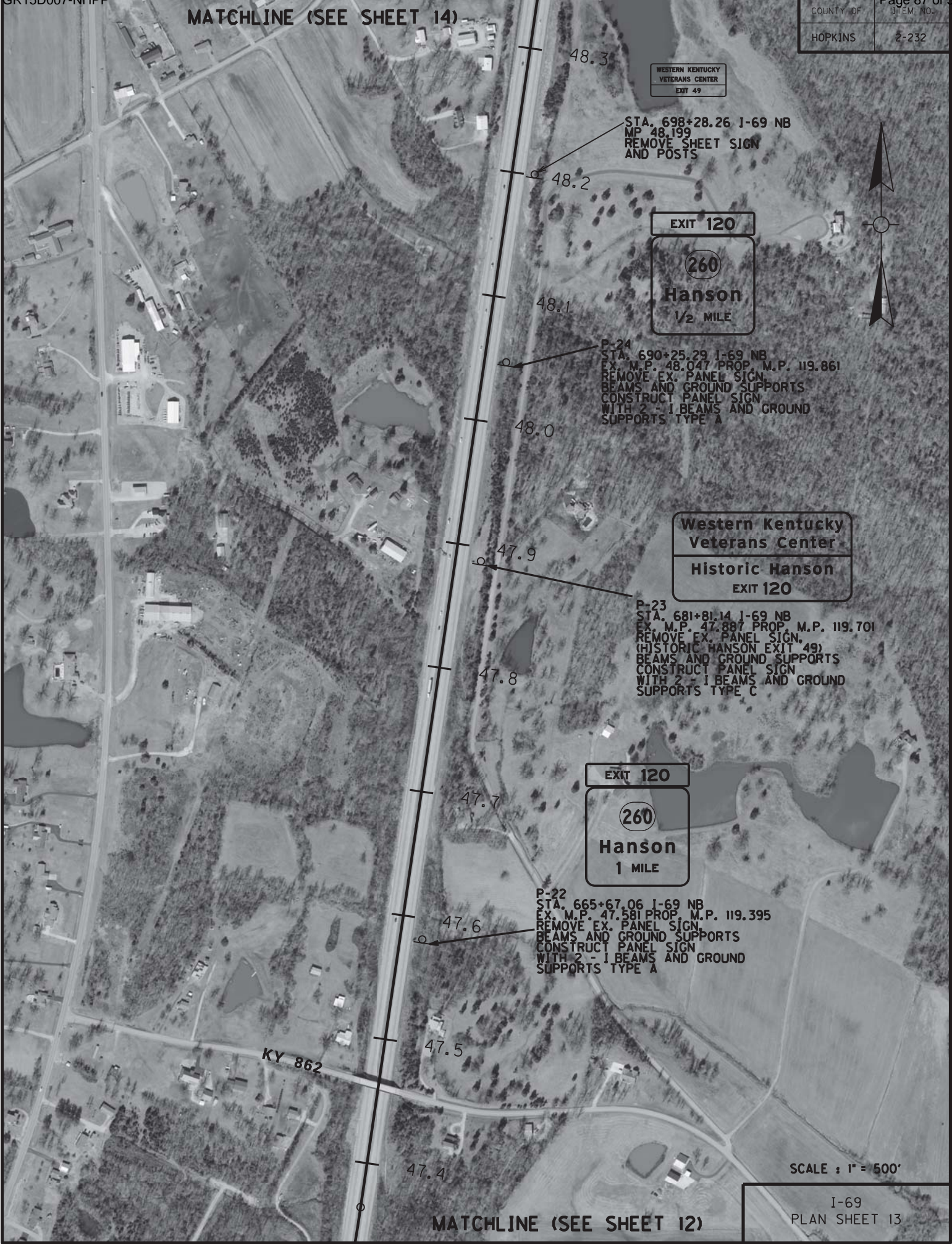
MATCHLINE (SEE SHEET 13)

COUNTY OF	ITEM NO.
HOPKINS	2-232



MATCHLINE (SEE SHEET 14)

COUNTY OF	ITEM NO.
HOPKINS	2-232



MATCHLINE (SEE SHEET 15)

COUNTY OF	ITEM NO.
HOPKINS	2-232

EXIT 120

(260)

Hanson

P-60
STA. 754+73.97 I-69 SB
EX. M.P. 49.25 PROP. M.P. 121.06
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE C

49.3

49.2

49.1

KY 260

KY 260

48.9

48.8

48.7

EXIT 120

(260)

Hanson

P-25
STA. 719+96.02 I-69 NB
EX. M.P. 48.609 PROP. M.P. 120.423
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2-1 BEAMS AND GROUND
SUPPORTS TYPE C

48.6

48.5

48.4

SCALE : 1" = 500'

I-69
PLAN SHEET 14

MATCHLINE (SEE SHEET 13)

COUNTY OF	ITEM NO.
HOPKINS	2-232

MATCHLINE (SEE SHEET 16)

EXIT 120
260
Hanson
1 MILE

P-57
STA. 808+04.43 I-69 SB
EX. M.P. 50.260 PROP. M.P. 122.074
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

Western Kentucky
Veterans Center
Historic Hanson
EXIT 120

P-58
STA. 789+78.42 I-69 SB
EX. M.P. 49.914 PROP. M.P. 121.728
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE C

EXIT 120
260
Hanson
1/2 MILE

P-59
STA. 781+27.66 I-69 SB
EX. M.P. 49.753 PROP. M.P. 121.567
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE C

WESTERN KENTUCKY
VETERANS CENTER
EXIT 49

STA. 769+86.12 I-69 SB
MP 49.536
REMOVE SHEET SIGN
AND POSTS

STA. 773+96.23 I-69 NB
EX. M.P. 49.614 PROP. M.P. 121.428
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(DIXON/CALHOUN/HENDERSON)

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 14)

I-69
PLAN SHEET 15

MATCHLINE (SEE SHEET 17)

COUNTY OF	ITEM NO.
HOPKINS	2-232

EXIT 120

260

Hanson

2 MILES

P-56
STA. 859+57.17 I-69 SB
EX. M.P. 51.236 PROP. M.P. 123.05
CONSTRUCT PANEL SIGN
WITH 2 - I BEAMS AND GROUND
SUPPORTS TYPE C



51.3

51.2

51.1

51.0

50.9

50.8

50.7

50.6

50.5

50.4

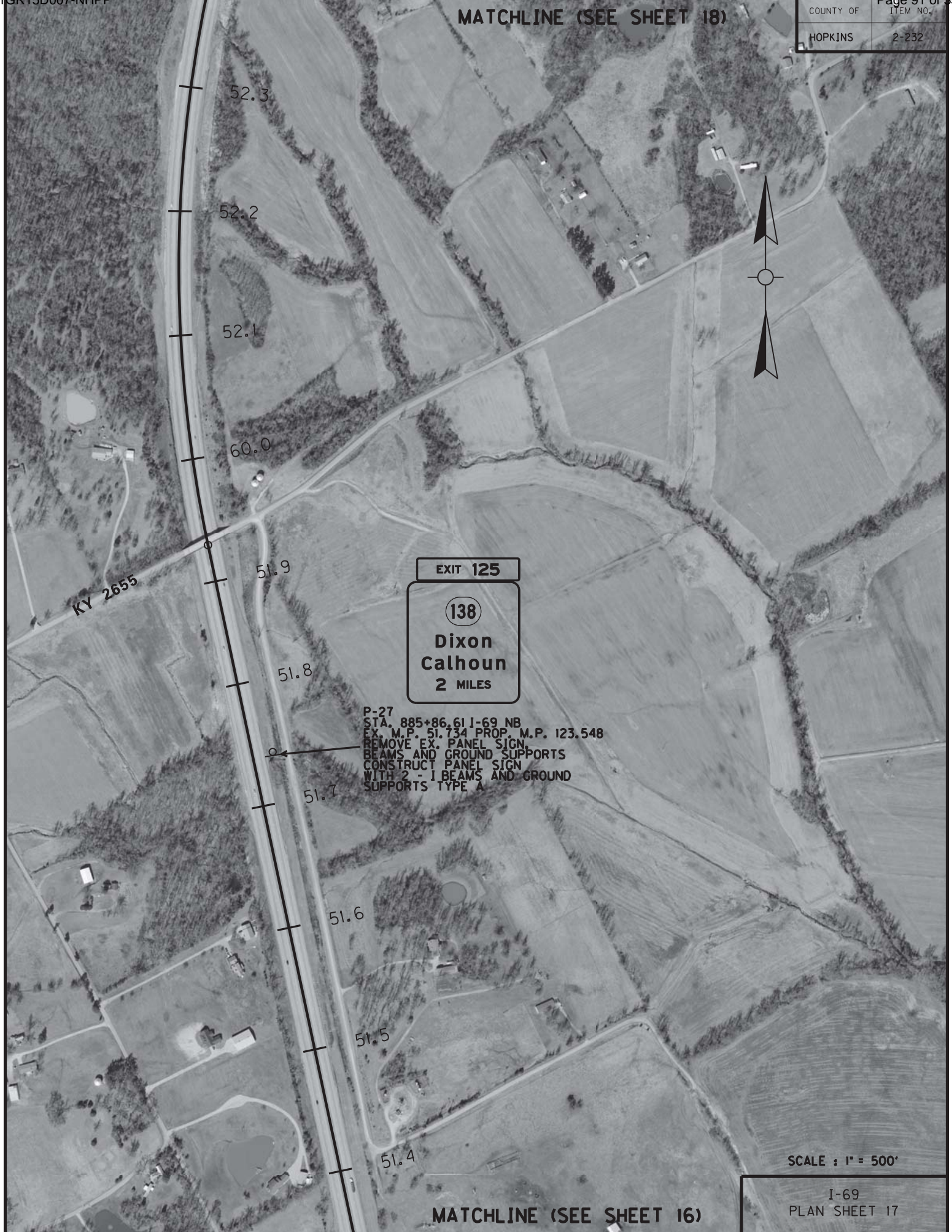
MATCHLINE (SEE SHEET 15)

SCALE : 1" = 500'

I-69
PLAN SHEET 16

MATCHLINE (SEE SHEET 18)

COUNTY OF	ITEM NO.
HOPKINS	2-232



MATCHLINE (SEE SHEET 19)

COUNTY OF	ITEM NO.
HOPKINS	2-232

STA. 950+80.63 I-69 SB
EX. M.P. 52.979 PROP. M.P. 124.793
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(HANSON/MADISONVILLE/HOPKINSVILLE)

P-30
STA. 964+05.71 I-69 NB
EX. M.P. 53.23 PROP. M.P. 125.044
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

EXIT 125

(138)

Dixon
Calhoun

1/2 MILE



Slaughters
EXIT 125

P-29
STA. 936+91.04 I-69 NB
EX. M.P. 52.716 PROP. M.P. 124.530
REMOVE EX. PANEL SIGN,
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2-1 BEAMS AND GROUND
SUPPORTS TYPE A

EXIT 125

(138)

Dixon
Calhoun

1 MILE

P-28
STA. 922+90.40 I-69 NB
EX. M.P. 52.450 PROP. M.P. 124.264
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

SCALE : 1" = 500'

I-69
PLAN SHEET 18

MATCHLINE (SEE SHEET 17)

MATCHLINE (SEE SHEET 20)

COUNTY OF	ITEM NO.
HOPKINS	2-232

P-54
STA. 1024+65.57 I-69 SB
EX. M.P. 54.36 PROP. M.P. 126.174
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

EXIT 125

(138)
Calhoun
Dixon ↗

EXIT 54 GORE SIGN
MILE 54.222
STA. 1017+38.53
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS

KY 138

KY 138

54.3

54.2

54.1

54.0

53.9

53.8

EXIT 54 GORE SIGN
MILE 53.807
STA. 994+54.09
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS

53.7

P-31
STA. 987+29.18 I-69 NB
EX. M.P. 53.67 PROP. M.P. 125.484
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

53.6

EXIT 125

(138)
Dixon
Calhoun ↗

53.5

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 18)

I-69
PLAN SHEET 19

MATCHLINE (SEE SHEET 21)

COUNTY OF	ITEM NO.
HOPKINS WEBSTER	2-232

P-51
STA. 1070+32.57 I-69 SB
EX. M.P. 55.239 PROP. M.P. 127.053
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2-1 BEAMS AND GROUND
SUPPORTS TYPE C

EXIT 125
138
Calhoun
Dixon
1 MILE



55.3

55.2

55.1

55.0

Sebree	10
Robards	16
Henderson	26

P-32
STA. 1056+03.74 I-69 NB
EX. M.P. 54.972 PROP. M.P. 126.79
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

54.9

54.8

54.7

54.6

54.5

54.4

P-52
STA. 1046+84.43 I-69 SB
EX. M.P. 54.78 PROP. M.P. 126.594
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

EXIT 125
138
Calhoun
Dixon
1/2 MILE

WEBSTER CO.
HOPKINS CO.

REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(SLAUGHTERS)

P-53
STA. 1035+78.19 I-69 SB
EX. M.P. 54.571 PROP. M.P. 126.385
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE C

Slaughters
EXIT 125

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 19)

I-69
PLAN SHEET 20

COUNTY OF	ITEM NO.
WEBSTER	2-232

MATCHLINE (SEE SHEET 22)



P-50
STA. 1109+71.05 I-69 SB
EX. M.P. 55.977 PROP. M.P. 127.791
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

EXIT 125

138

Calhoun
Dixon
2 MILES

56.3
56.2
56.1
56.0
55.9
55.8
55.7
55.6
55.5
55.4

KY 2667

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 20)

I-69
PLAN SHEET 21

MATCHLINE (SEE SHEET 23)

COUNTY OF	ITEM NO.
WEBSTER	2-232 2-235



KY 147

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 21)

I-69
PLAN SHEET 22

MATCHLINE (SEE SHEET 24)

COUNTY OF	ITEM NO.
WEBSTER	2-232



SCALE : 1" = 500'

MATCHLINE (SEE SHEET 22)

I-69
PLAN SHEET 23

MATCHLINE (SEE SHEET 25)

COUNTY OF	ITEM NO.
WEBSTER	2-232



SASSAFRAS GROVE RD.

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 23)

I-69
PLAN SHEET 24



MATCHLINE (SEE SHEET 27)

COUNTY OF	ITEM NO.
WEBSTER	2-232



MATCHLINE (SEE SHEET 25)

KY 370

SCALE : 1" = 500'

I-69
PLAN SHEET 26

COUNTY OF	ITEM NO.
WEBSTER	2-232

MATCHLINE (SEE SHEET 28)

DO NOT DISTURB
PANEL SIGNING AND SHEET SIGNING
FOR EXIT 134 SEBREE/OWENSBORO
CONSTRUCTED AS PART OF
ITEM NO. 2-8637.00
UNLESS OTHERWISE INSTRUCTED
IN THIS PROPOSAL



62.5

C

P-35
STA. 1452+87.27 I-69 NB
EX. M.P. 62.48 PROP. M.P. 134.29
MODIFY EXISTING PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

EXIT 134

(56)
Sebree
Owensboro

62.4

62.3

P-34
STA. 1438+90.89 I-69 NB
EX. M.P. 62.21 PROP. M.P. 134.03
MODIFY EXISTING PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

EXIT 134

(56)
Sebree
Owensboro
NEXT RIGHT

62.2

62.1

4 Star
Industrial
Park
EXIT 134

C

62.0

P-84
STA. 1430+27.99 I-69 NB
EX. M.P. 62.049 PROP. M.P. 133.863
REMOVE EX. PANEL SIGN
CONSTRUCT PANEL SIGN
ON EXISTING BEAMS

61.9

61.8

STA. 1414+72.48 I-69 SB
EX. M.P. 61.754 PROP. M.P. 133.568
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(DIXON/CALHOUN/MADISONVILLE)

61.7

61.6

MATCHLINE (SEE SHEET 26)

SCALE : 1" = 500'

I-69
PLAN SHEET 27

MATCHLINE (SEE SHEET 29)

COUNTY OF	ITEM NO.
WEBSTER	2-232

P-47
STA. 1490+14.57 I-69 SB
EX. M.P. 63.21
PROP. M.P. 135.024
MODIFY PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

EXIT 134

(56)

Owensboro
Sebree
NEXT RIGHT

P-48
STA. 1466+57.77 I-69 SB
EX. M.P. 62.77 PROP. M.P. 134.584
MODIFY PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

EXIT 134

(56)

Owensboro
Sebree

STA. 1488+88.34 I-69 NB
EX. M.P. 63.156 PROP. M.P. 134.970
REMOVE EX. PANEL SIGN
BEAMS AND GROUND SUPPORTS
(MORGANFIELD 36/HENDERSON 17)

DO NOT DISTURB
PANEL SIGNING AND SHEET SIGNING
FOR EXIT 134 SEBREE/OWENSBORO
CONSTRUCTED AS PART OF
ITEM NO. 2-8637.00
UNLESS OTHERWISE INSTRUCTED
IN THIS PROPOSAL

KY 56

KY 56

MATCHLINE (SEE SHEET 27)

SCALE : 1" = 500'

I-69
PLAN SHEET 28

COUNTY OF	ITEM NO.
WEBSTER	2-232

MATCHLINE (SEE SHEET 30)



EXIT 134

(56)

Owensboro
Sebree

1 1/2 MILES

P-46
STA. 1540+40.77 I-69 SB
EX. M.P. 64.16 PROP. M.P. 135.976
MODIFY PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

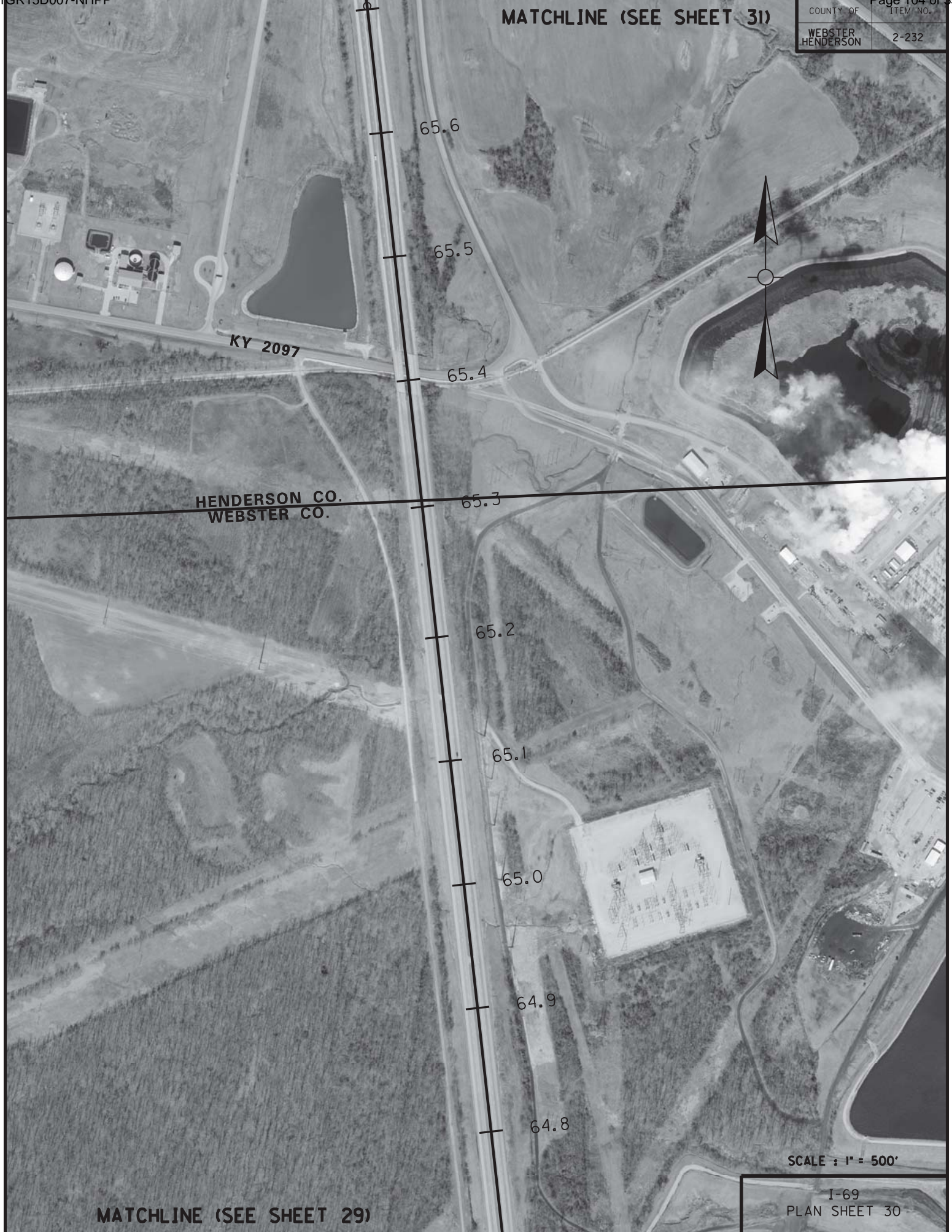
MATCHLINE (SEE SHEET 28)

SCALE : 1" = 500'

I-69
PLAN SHEET 29

MATCHLINE (SEE SHEET 31)

COUNTY OF	ITEM NO.
WEBSTER HENDERSON	2-232



HENDERSON CO.
WEBSTER CO.

KY 2097

65.6

65.5

65.4

65.3

65.2

65.1

65.0

64.9

64.8

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 29)

1-69
PLAN SHEET 30

MATCHLINE (SEE SHEET 32)

COUNTY OF	ITEM NO.
HENDERSON	2-232

66.6

66.5

66.4

66.3

66.2

66.1

P-36
STA. 1642+66.59 I-69 NB
EX. M.P. 66.09 PROP. M.P. 137.904
REMOVE EX. EXIT PLAQUE.
CONSTRUCT EXIT PLAQUE
ON EX. BEAMS

EXIT 140

(416)

Robards
Niagara
2 MILES

65.9

65.8

SCALE : 1" = 500'

MATCHLINE (SEE SHEET 30)

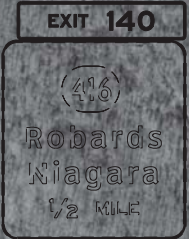
I-69
PLAN SHEET 31

MATCHLINE (SEE SHEET 33)

COUNTY OF	ITEM NO.
HENDERSON	2-232

P-38
STA. 1723+89.82 I-69 NB
EX. M.P. 67.600 PROP. M.P. 139.414
REMOVE EX. EXIT PLAQUE.
CONSTRUCT EXIT PLAQUE
ON EX. BEAMS

EXIT 140

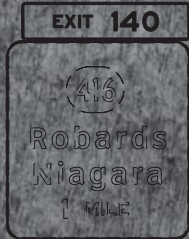


67.5

67.4

67.3

EXIT 140



67.2

P-37
STA. 1696+97.02 I-69 NB
EX. M.P. 67.09 PROP. M.P. 138.904
REMOVE EX. EXIT PLAQUE.
CONSTRUCT EXIT PLAQUE
ON EX. BEAMS

67.1

67.0

66.9

KY 2678

66.8

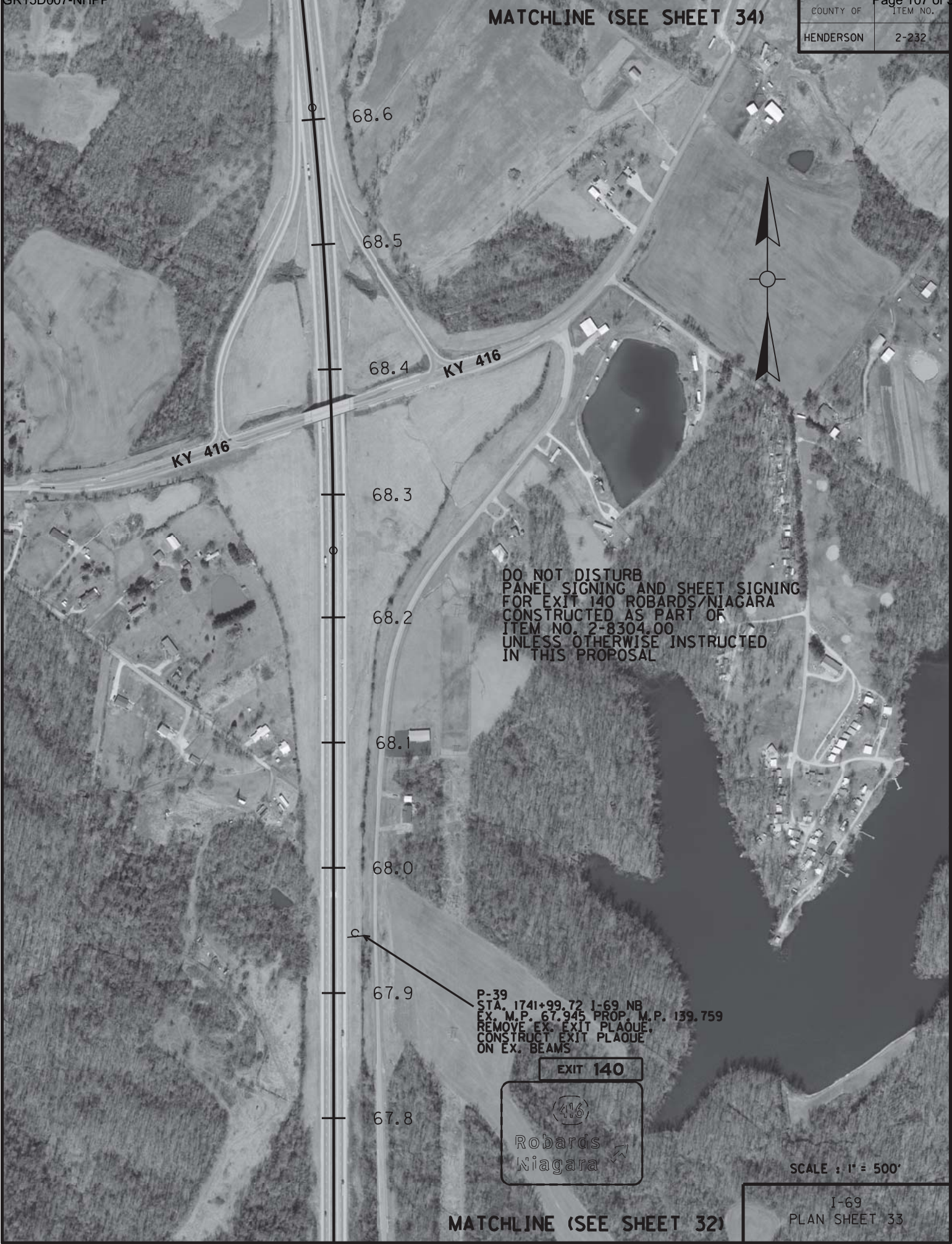
SCALE : 1" = 500'

MATCHLINE (SEE SHEET 31)

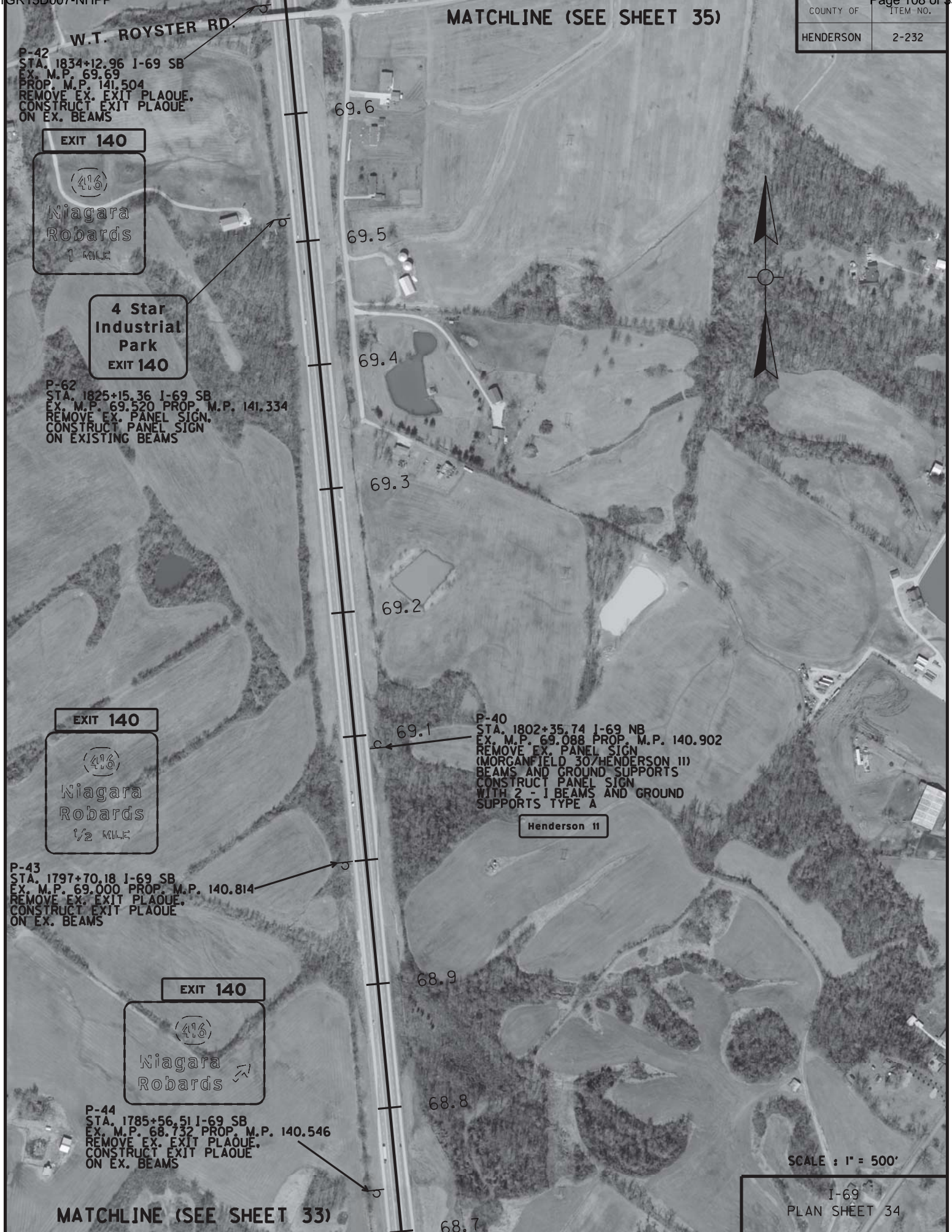
I-69
PLAN SHEET 32

MATCHLINE (SEE SHEET 34)

COUNTY OF	ITEM NO.
HENDERSON	2-232



121OR15D007-NHPP



COUNTY OF	ITEM NO.
HENDERSON	2-232

P-42
STA. 1834+12.96 I-69 SB
EX. M.P. 69.69
PROP. M.P. 141.504
REMOVE EX. EXIT PLAQUE.
CONSTRUCT EXIT PLAQUE
ON EX. BEAMS

EXIT 140

(416)
Niagara
Robards
1 MILE

4 Star
Industrial
Park
EXIT 140

P-62
STA. 1825+15.36 I-69 SB
EX. M.P. 69.520 PROP. M.P. 141.334
REMOVE EX. PANEL SIGN.
CONSTRUCT PANEL SIGN
ON EXISTING BEAMS

EXIT 140

(416)
Niagara
Robards
1/2 MILE

P-43
STA. 1797+70.18 I-69 SB
EX. M.P. 69.000 PROP. M.P. 140.814
REMOVE EX. EXIT PLAQUE.
CONSTRUCT EXIT PLAQUE
ON EX. BEAMS

EXIT 140

(416)
Niagara
Robards

P-44
STA. 1785+56.51 I-69 SB
EX. M.P. 68.732 PROP. M.P. 140.546
REMOVE EX. EXIT PLAQUE.
CONSTRUCT EXIT PLAQUE
ON EX. BEAMS

P-40
STA. 1802+35.74 I-69 NB
EX. M.P. 69.088 PROP. M.P. 140.902
REMOVE EX. PANEL SIGN
(MORGANFIELD 30/HENDERSON 11)
BEAMS AND GROUND SUPPORTS
CONSTRUCT PANEL SIGN
WITH 2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A

Henderson 11

SCALE : 1" = 500'

I-69
PLAN SHEET 34

MATCHLINE (SEE SHEET 33)

MATCHLINE (SEE SHEET 35)

MATCHLINE (SEE SHEET 36)

COUNTY OF	ITEM NO.
HENDERSON	2-232

EXIT 140

(416)

Niagara
Robards

2 MILES

P-41
STA. 1872+14.56 I-69 SB
EX. M.P. 70.500 PROP. M.P. 142.314
REMOVE EX. EXIT PLAQUE.
CONSTRUCT EXIT PLAQUE
ON EX. BEAMS



70.6

70.5

70.4

70.3

70.2

70.1

70.0

69.9

69.8

69.7

MATCHLINE (SEE SHEET 34)

SCALE : 1" = 500'

I-69
PLAN SHEET 35

MATCHLINE (SEE SHEET 37)

COUNTY OF	ITEM NO.
HENDERSON	2-232



71.6

71.5

71.4

71.3

71.2

71.1

71.0

70.9

70.8

70.7

MATCHLINE (SEE SHEET 35)

SCALE : 1" = 500'

I-69
PLAN SHEET 36

MATCHLINE (SEE SHEET 38)

COUNTY OF	ITEM NO.
HENDERSON	2-232 2-235



MATCHLINE (SEE SHEET 36)

I-69
PLAN SHEET 37

COUNTY OF	ITEM NO.
HENDERSON	2-232 2-235

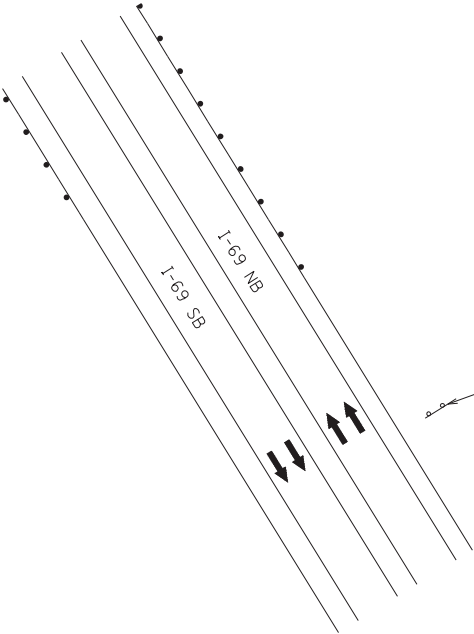


MATCHLINE (SEE SHEET 37)

SCALE : 1" = 500'

I-69
PLAN SHEET 38

COUNTY OF	ITEM NO.
HENDERSON	2-232



EXITS 148 A-B

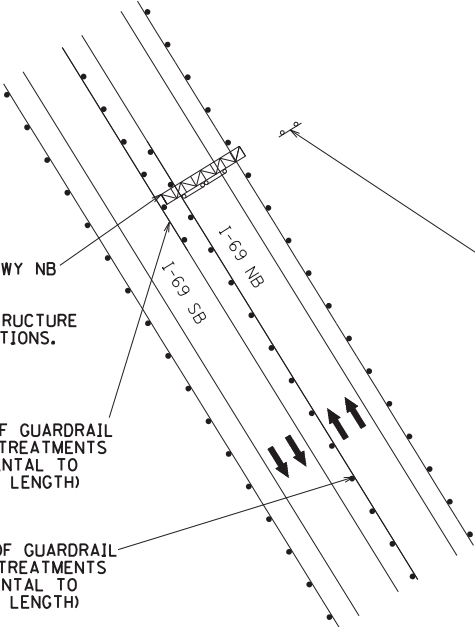
TO TO

41 AUDUBON PARKWAY 425

Morganfield Henderson

2 MILES

P-201
EX. MP 74.26 PENNYRILE PKWY NB
PR. MP 146.07 I-69 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C



EX. MP 75.08 PENNYRILE PKWY NB
PR. MP 146.89 I-69 NB
REMOVE 2 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS.

REMOVE 148 L.F. OF GUARDRAIL
(REMOVAL OF END TREATMENTS
CONSIDERED INCIDENTAL TO
REMOVE GUARDRAIL LENGTH)

REMOVE 328 L.F. OF GUARDRAIL
(REMOVAL OF END TREATMENTS
CONSIDERED INCIDENTAL TO
REMOVE GUARDRAIL LENGTH)

EXITS 148 A-B

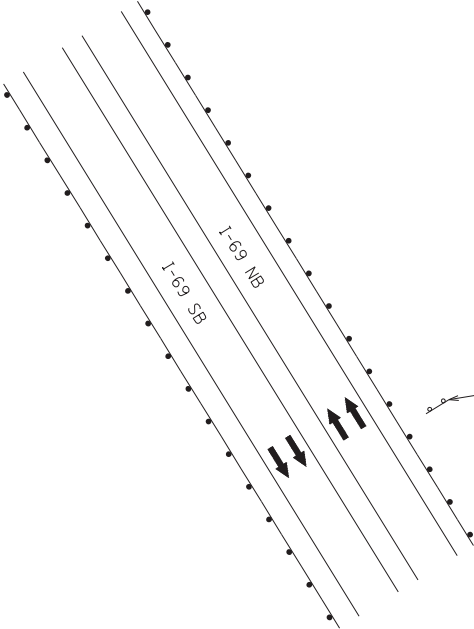
TO TO

41 AUDUBON PARKWAY 425

Morganfield Henderson

1 MILE

P-202
EX. MP 75.08 PENNYRILE PKWY NB
PR. MP 146.89 I-69 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE A



69 ENDS

1 MILE

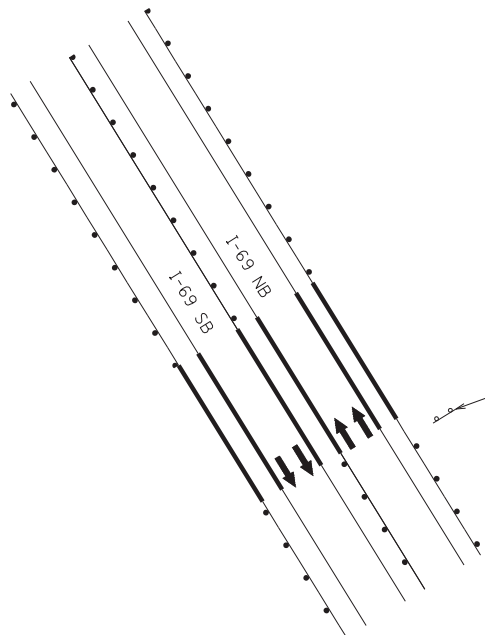
S-72
EX. MP 75.25 PENNYRILE PKWY NB
PR. MP 147.06 I-69 NB
CONSTRUCT SHEET SIGN WITH
2-TYPE I POSTS

NOT TO SCALE

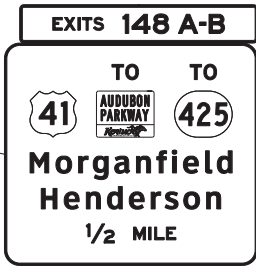
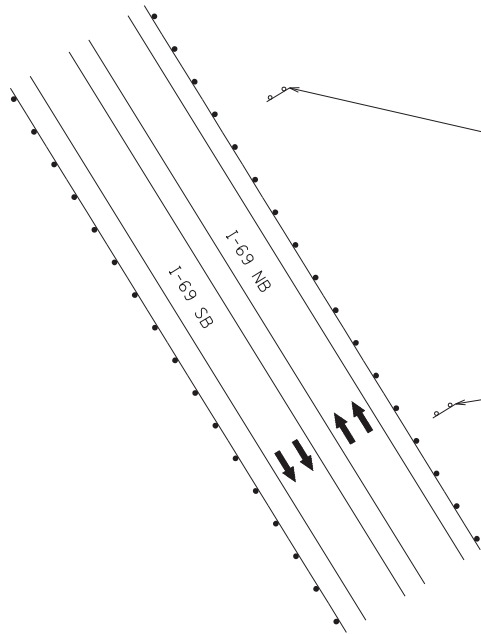
NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

I-69 NB
PLAN SHEET

COUNTY OF	ITEM NO.
HENDERSON	2-232



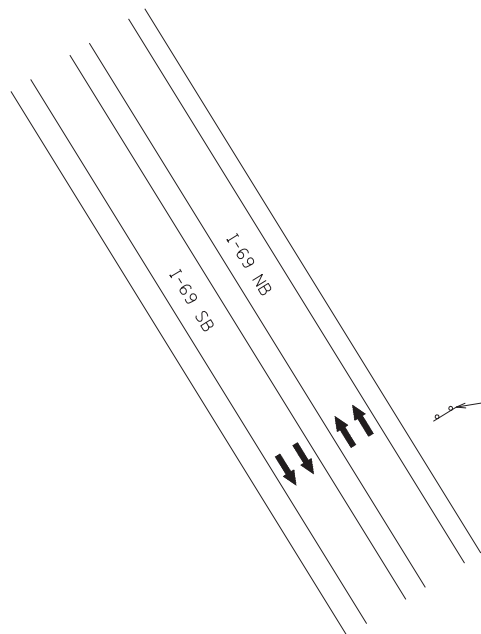
P-203
EX. MP 75.40 PENNYRILE PKWY NB
PR. MP 147.21 I-69 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE A



P-205
EX. MP 75.80 PENNYRILE PKWY NB
PR. MP 147.61 I-69 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE A



P-204
EX. MP 75.65 PENNYRILE PKWY NB
PR. MP 147.46 I-69 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE A
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(HENDERSON COUNTY RIVERPORT
EXIT 76)



EX. MP 75.94 PENNYRILE PKWY NB
PR. MP 147.75 I-69 NB
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(MORGANFIELD NEXT RIGHT)

NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

I-69 NB
PLAN SHEET

121CR15D007-NHPP

COUNTY OF	ITEM NO.
HENDERSON	2-232



**Kentucky State
Police Post 16
EXIT 148 A**

P-249
EX. MP 76.1 PENNYRILE PKWY NB
PR. MP 147.91 I-69 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE A
REMOVE EXISTING SHEET SIGN
AND POSTS (KENTUCKY STATE
POLICE)

EX. MP 76.04 PENNYRILE PKWY NB
PR. MP 147.85 I-69 NB
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(HENDERSON COMMUNITY COLLEGE/
AIRPORT NEXT RIGHT)

**EXIT
148 A**

P-272
PR. MP 11.62 US 41 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C
REMOVE EXISTING PANEL SIGN,
BEAMS AND GROUND SUPPORTS
(EXIT 76)

EXIT 148 A

SOUTH TO
41 425
Morganfield

P-207
EX. MP 76.25 PENNYRILE PKWY NB
PR. MP 148.06 I-69 NB
REMOVE EXISTING PANEL SIGN,
AND BRIDGE MOUNTING BRACKET
CONSTRUCT PANEL SIGN AND
BRIDGE MOUNTING BRACKET

**LEFT
EXIT 148 B**

NORTH TO
41
Henderson

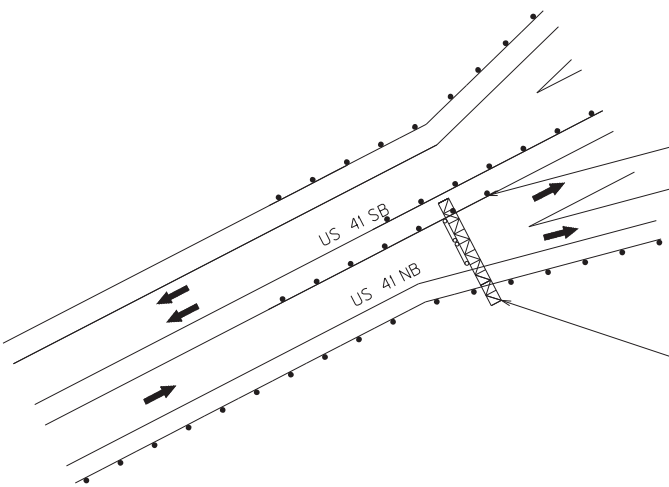
P-206
EX. MP 76.25 PENNYRILE PKWY NB
PR. MP 148.06 I-69 NB
REMOVE EXISTING PANEL SIGN,
AND BRIDGE MOUNTING BRACKET
CONSTRUCT PANEL SIGN AND
BRIDGE MOUNTING BRACKET

NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

I-69 NB
PLAN SHEET

COUNTY OF	ITEM NO.
HENDERSON	2-232



REMOVE END TREATMENT
EXTEND EX. GUARDRAIL
CONSTRUCT 25 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ I-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.

NORTH

TO

41

Henderson

↓

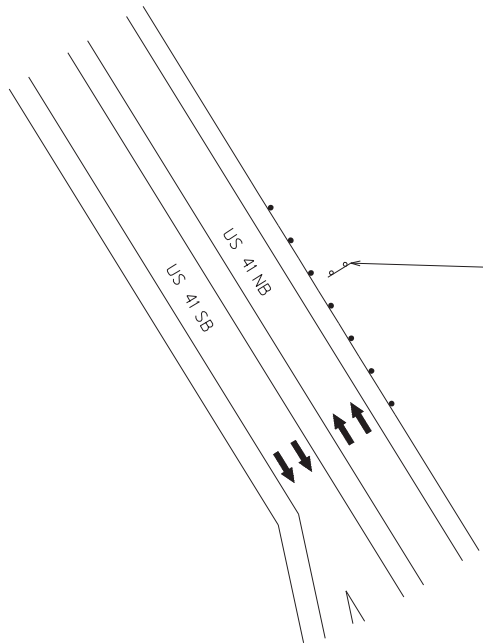
69 SOUTH

Madisonville

Fulton

↗

P-251 & P-252
PR. MP 11.29 US 41 NB
(ON EX. KY 425)
REMOVE 2 PANEL SIGNS,
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS.
(EVANSVILLE OWENSBORO;
MADISONVILLE HOPKINSVILLE)
CONSTRUCT PANEL SIGNS ON NEW 55'
TRUSS AND 2 FOUNDATION SUPPORTS



EXIT 12

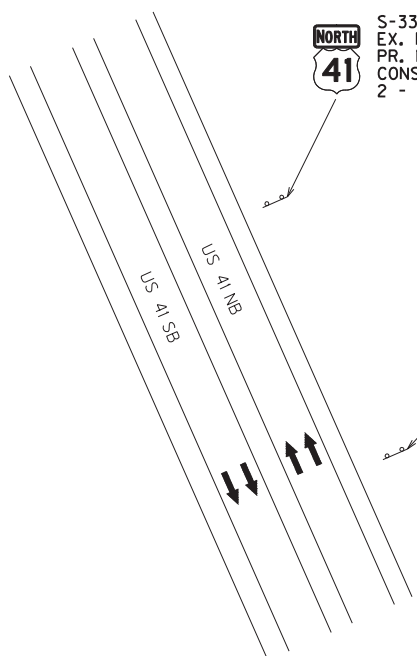
AUDUBON PARKWAY

EAST

Owensboro

1/2 MILE

P-208
EX. MP 76.50 PENNYRILE PKWY NB
PR. MP 11.77 US 41 NB
CONSTRUCT PANEL SIGN WITH
2 - 1 BEAMS AND GROUND
SUPPORTS TYPE A



S-33
EX. MP 76.80 PENNYRILE PKWY SB
PR. MP 12.10 US 41 NB
CONSTRUCT SHEET SIGN WITH
2 - TYPE I POSTS

EXIT 12

AUDUBON PARKWAY

EAST

Owensboro

1/4 MILE

P-209
EX. MP 76.79 PENNYRILE PKWY NB
PR. MP 12.09 US 41 NB
CONSTRUCT PANEL SIGN WITH
2 - 1 BEAMS AND GROUND
SUPPORTS TYPE C
REMOVE EXISTING PANEL SIGN,
2-1 BEAMS & GROUND SUPPORTS
(OWENSBORO NEXT RIGHT)

NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 41 NB
PLAN SHEET

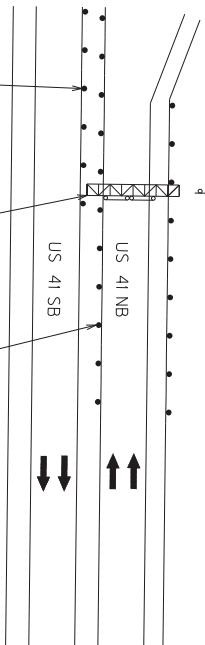
COUNTY OF	ITEM NO.
HENDERSON	2-232



REMOVE 256 L.F. OF GUARDRAIL
(REMOVAL OF END TREATMENTS
CONSIDERED INCIDENTAL TO
REMOVE GUARDRAIL LENGTH)

EX. MP 77.06 PENNYRILE PKWY NB
PR. MP 12.33 US 41 NB
REMOVE 2 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS.

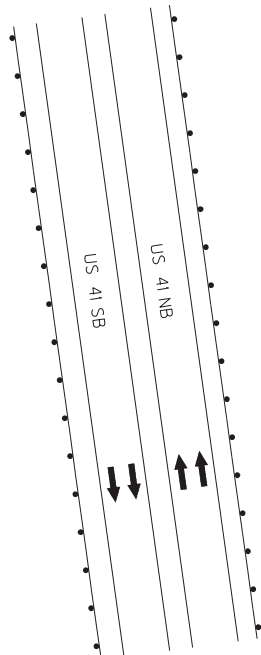
REMOVE 257 L.F. OF GUARDRAIL
(REMOVAL OF END TREATMENTS
CONSIDERED INCIDENTAL TO
REMOVE GUARDRAIL LENGTH)



EXIT 12

EAST
Owensboro

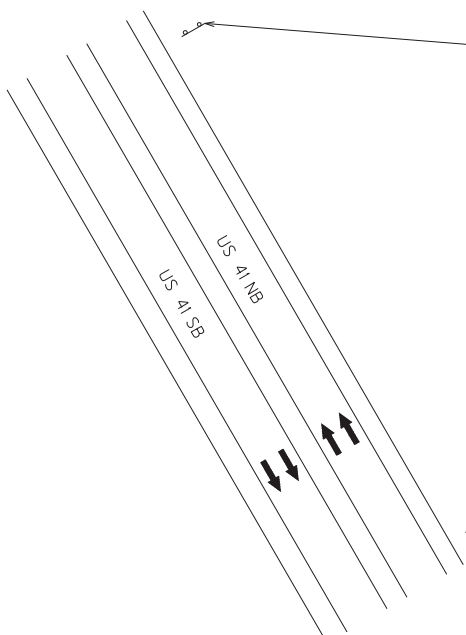
P-210
EX. MP 77.06 PENNYRILE PKWY NB
PR. MP 12.33 US 41 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE A



P-211
EX. MP 77.57 PENNYRILE PKWY NB
PR. MP 12.84 US 41 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE A
REMOVE EXISTING PANEL SIGN,
3-I BEAMS & GROUND SUPPORTS
(ZION HENDERSON 1 MILE)

EXIT 14

(351)
**Zion
Henderson**
1 MILE



EXIT 14

(351)
**Zion
Henderson**
1/2 MILE

P-212
EX. MP 78.20 PENNYRILE PKWY NB
PR. MP 13.47 US 41 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C

Henderson
CITY LIMITS

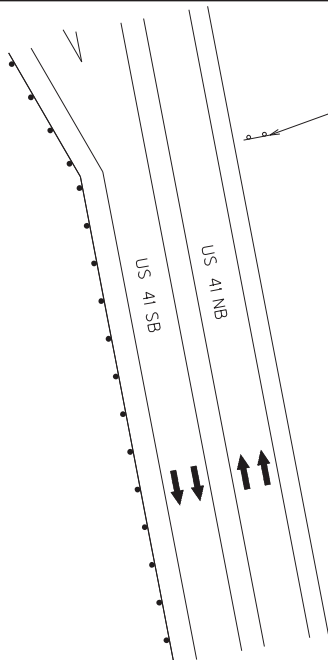
P-273
EX. MP 77.7 PENNYRILE PKWY NB
PR. MP 13.03 US 41 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C
REMOVE EXISTING SHEET SIGN
AND POSTS (HENDERSON)

NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 41 NB
PLAN SHEET

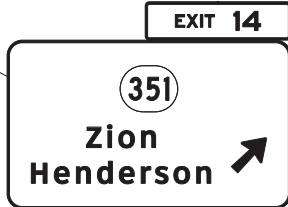
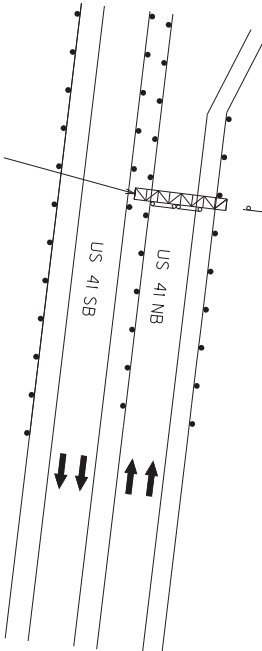
COUNTY OF	ITEM NO.
HENDERSON	2-232



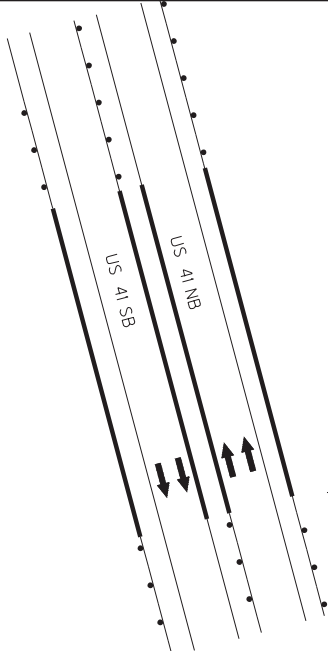
EX. MP 78.54 PENNYRILE PKWY NB
PR. MP 13.81 US 41 NB
REMOVE EXISTING SHEET SIGN
AND POSTS (GAS FOOD LODGING
NEXT RIGHT)

EX. MP 78.53 PENNYRILE PKWY NB
PR. MP 13.80 US 41 NB
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(ZION HENDERSON 1/4 MILE)

EX. MP 14.13 US 41 NB
PR. MP 14.07 US 41 NB
REMOVE 2 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS.



P-213
EX. MP 14.12 US 41 NB
PR. MP 14.06 US 41 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE A



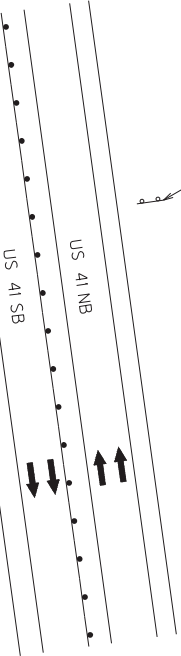
P-214
EX. MP 14.84 US 41 NB
PR. MP 14.78 US 41 NB
CONSTRUCT PANEL SIGN WITH
3 - I BEAMS AND GROUND
SUPPORTS TYPE A
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(OWENSBORO HENDERSON 1 MILE)

NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

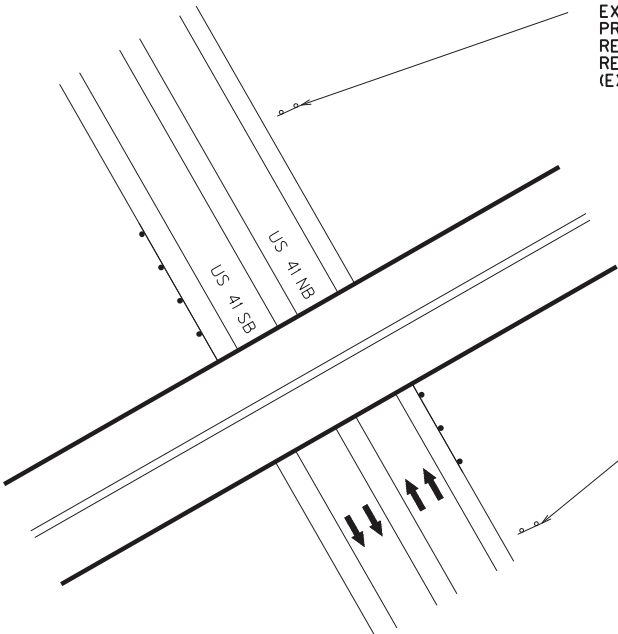
US 41 NB
PLAN SHEET

COUNTY OF	ITEM NO.
HENDERSON	2-232



EX. MP 15.29 US 41 NB
PR. MP 15.23 US 41 NB
REMOVE AND RELOCATE EXISTING PANEL SIGN,
REMOVE 2-I BEAMS & GROUND SUPPORTS
(EXIT 81A/FOOD/GAS)

P-215
EX. MP 15.14 US 41 NB
PR. MP 15.08 US 41 NB
RELOCATE EXISTING PANEL SIGN,
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C
(EXIT 81A/FOOD/GAS)
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(PARKWAY ENDS 1 MILE)



EX. MP 15.52 US 41 NB
PR. MP 15.46 US 41 NB
REMOVE AND RELOCATE EXISTING PANEL SIGN,
REMOVE 2-I BEAMS & GROUND SUPPORTS
(EXIT 81B/FOOD/GAS)

EXITS 15 A-B

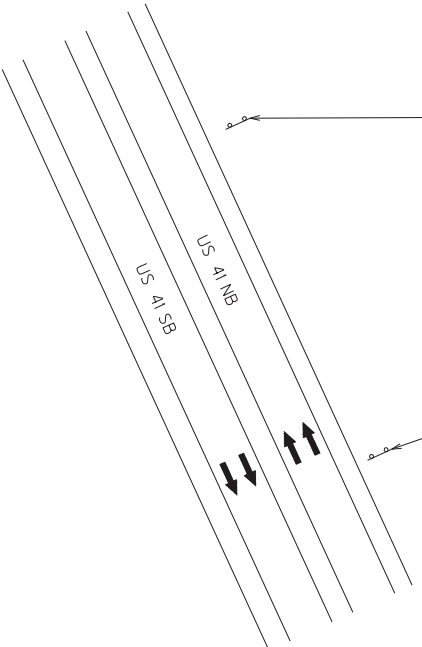
ALT

60 41

Owensboro
Henderson

1/2 MILE

P-216
EX. MP 15.34 US 41 NB
PR. MP 15.28 US 41 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C



EX. MP 15.77 US 41 NB
PR. MP 15.71 US 41 NB
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(50 MPH)

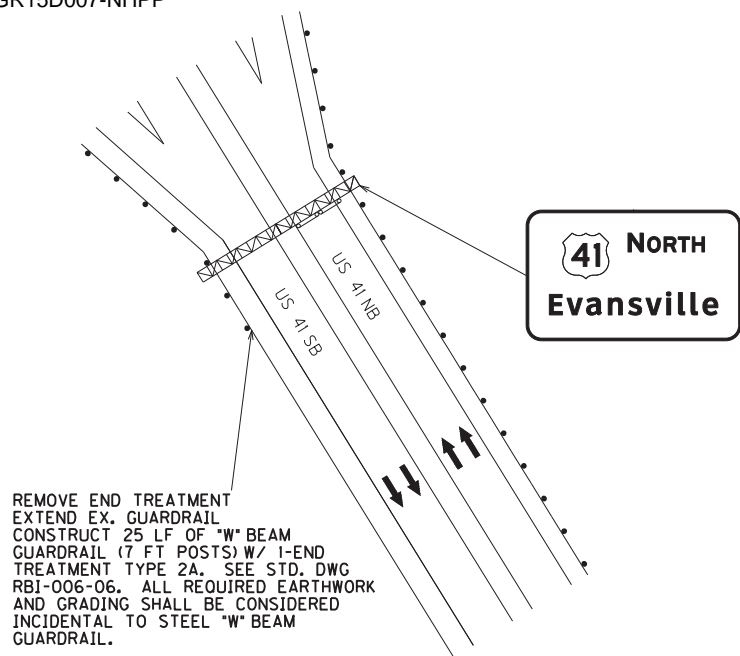
P-217
EX. MP 15.60 US 41 NB
PR. MP 15.54 US 41 NB
RELOCATE EXISTING PANEL SIGN,
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C
(EXIT 81B/FOOD/GAS)
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(REDUCED SPEED AHEAD)

NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 41 NB
PLAN SHEET

COUNTY OF	ITEM NO.
HENDERSON	2-232



EXIT 15 B

WEST ALT

60 41

Henderson

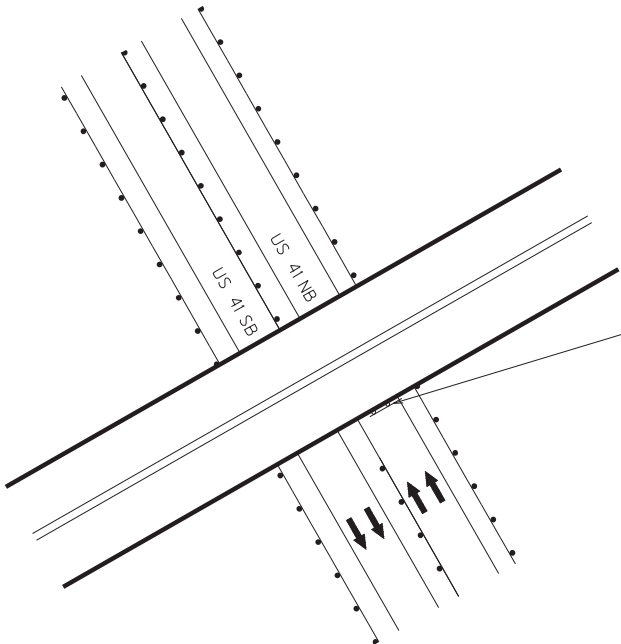
1/4 MILE

EXIT 15 A

60 EAST

Owensboro

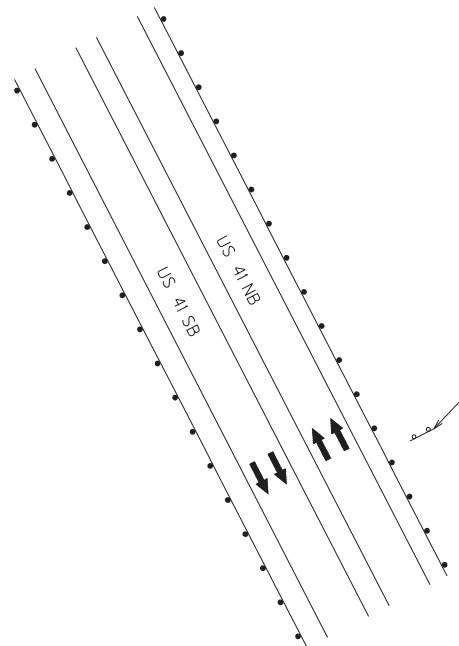
P-218, P-219 & P-220
EX. MP 15.84 US 41 NB
PR. MP 15.78 US 41 NB
REMOVE 3 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(EVANSVILLE; HENDERSON 1/4 MILE;
OWENSBORO)
CONSTRUCT PANEL SIGNS ON NEW 110'
TRUSS AND 2 FOUNDATION SUPPORTS



LEFT LANE
ENDS

MERGE RIGHT

P-221
EX. MP 15.95 US 41 NB
PR. MP 15.89 US 41 NB
REMOVE EXISTING PANEL SIGN,
AND BRIDGE MOUNTING BRACKET
CONSTRUCT PANEL SIGN AND
BRIDGE MOUNTING BRACKET



H

HOSPITAL

EXIT 15 B

P-222
EX. MP 16.01 US 41 NB
PR. MP 15.95 US 41 NB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE A
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(HOSPITAL NEXT RIGHT)

NOT TO SCALE

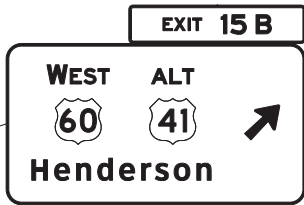
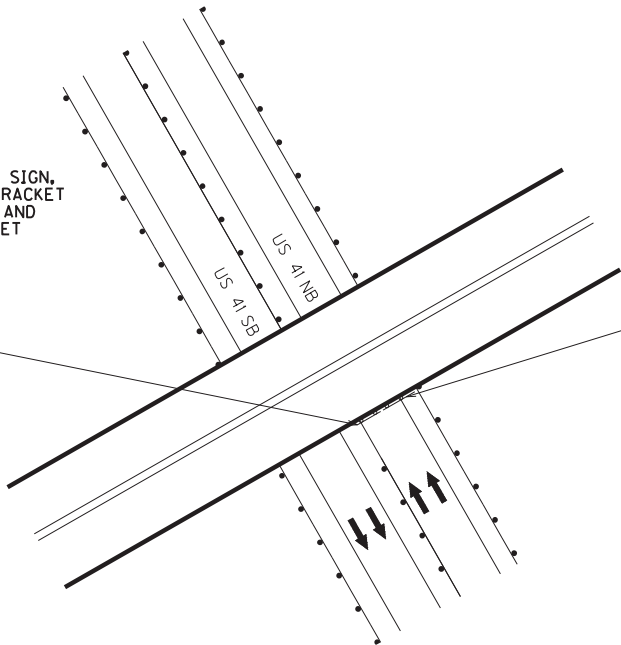
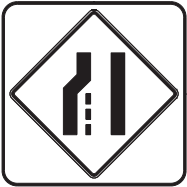
NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 41 NB
PLAN SHEET

121OR15D007-NHPP

COUNTY OF	ITEM NO.
HENDERSON	2-232

P-223
EX. MP 16.05 US 41 NB
PR. MP 15.99 US 41 NB
REMOVE EXISTING PANEL SIGN,
AND BRIDGE MOUNTING BRACKET
CONSTRUCT PANEL SIGN AND
BRIDGE MOUNTING BRACKET



P-224
EX. MP 16.05 US 41 NB
PR. MP 15.99 US 41 NB
REMOVE EXISTING PANEL SIGN,
AND BRIDGE MOUNTING BRACKET
CONSTRUCT PANEL SIGN AND
BRIDGE MOUNTING BRACKET



FOR P-225 @ MP 16.13 US 41 NB
SEE NEXT SHEET

ADDITIONAL EXIT GORE
PANEL SIGN REMOVAL

EXISTING EXIT NO.	TRAVEL DIRECTION	REMOVE SIGN (EA.)	REMOVE BEAMS (EA.)
77	NB	1	2
79	NB	1	2
81B	NB	1	2
81B	SB	1	2
81A	SB	1	2
79	SB	1	2
76	SB	1	2
TOTAL		7	14

NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 41 NB
PLAN SHEET

121OR15D007-NHPP

COUNTY OF	ITEM NO.
HENDERSON	2-232

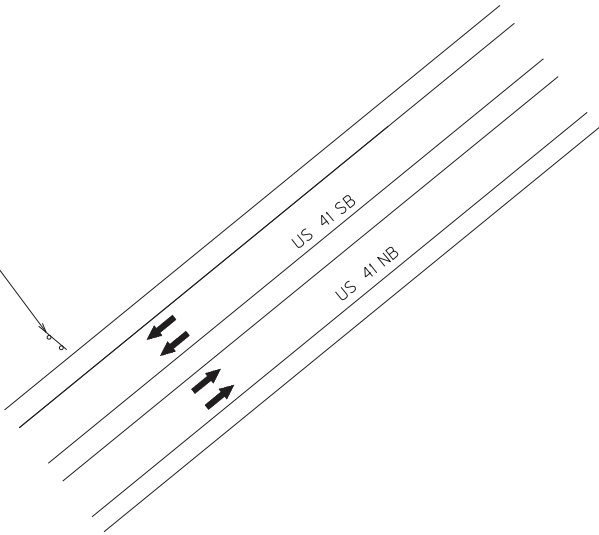


EXITS 15 B-A

Henderson

1 MILE

P-226
EX. MP 17.07 US 41 SB
PR. MP 17.01 US 41 SB
CONSTRUCT PANEL SIGN WITH
2 - 1 BEAMS AND GROUND
SUPPORTS TYPE C
REMOVE EXISTING PANEL SIGN,
2-1 BEAMS & GROUND SUPPORTS
(HENDERSON 1 MILE)



EXIT 15 A

EAST

1/2 MILE

EXIT 15 B

WEST

Henderson

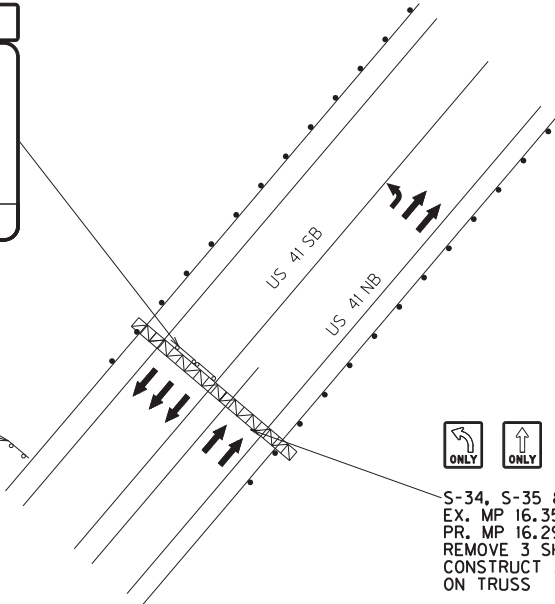
EXIT ↓ ONLY

P-227 & P-228
EX. MP 16.35 US 41 SB
PR. MP 16.29 US 41 SB
REMOVE 3 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(MADISONVILLE; US 60 1/2 MILE;
HENDERSON)
CONSTRUCT PANEL SIGNS ON NEW 105'
TRUSS AND 2 FOUNDATION SUPPORTS

HOSPITAL

EXIT 15 B

P-229
EX. MP 16.32 US 41 SB
PR. MP 16.26 US 41 SB
CONSTRUCT PANEL SIGN WITH
2 - 1 BEAMS AND GROUND
SUPPORTS TYPE C
REMOVE EXISTING PANEL SIGN,
2-1 BEAMS & GROUND SUPPORTS
(HOSPITAL NEXT RIGHT)



S-34, S-35 & S-36
EX. MP 16.35 US 41 SB
PR. MP 16.29 US 41 SB
REMOVE 3 SHEET SIGNS
CONSTRUCT 3 SHEET SIGNS
ON TRUSS

SOUTH TO

TO

Madisonville

EXIT 15 A

EAST

1/4 MILE

P-230, P-231 & P-232
EX. MP 16.19 US 41 SB
PR. MP 16.13 US 41 SB
CONSTRUCT PANEL SIGNS ON NEW 120'
TRUSS AND 2 FOUNDATION SUPPORTS

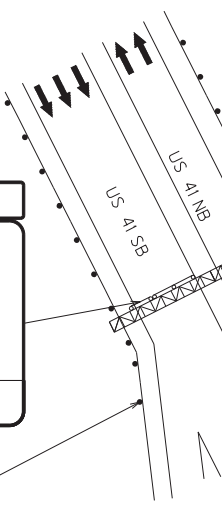
EXIT 15 B

WEST

Henderson

↗ EXIT ONLY ↗

REMOVE END TREATMENT
EXTEND EX. GUARDRAIL
CONSTRUCT 37.5 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ I-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.



EX. MP 16.19 US 41 SB
PR. MP 16.13 US 41 SB
REMOVE 4 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS
(3 SB, 1 NB)

P-225
EX. MP 16.19 US 41 NB
PR. MP 16.13 US 41 NB
CONSTRUCT PANEL SIGN

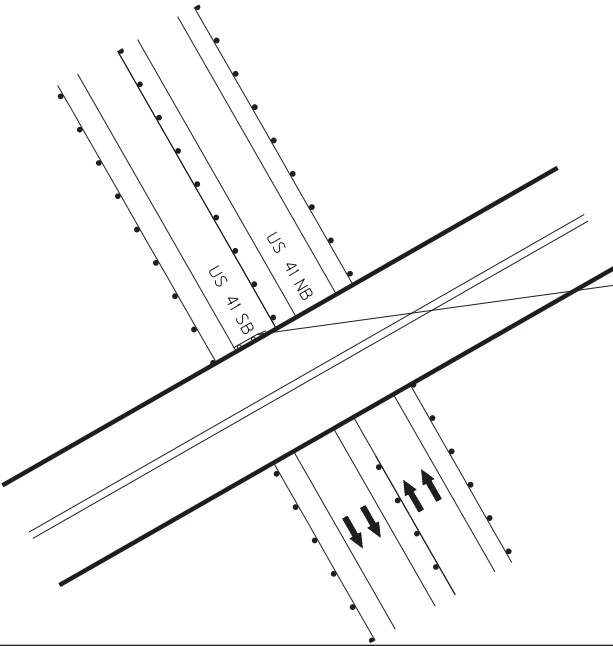
**LEFT LANE
ENDS
MERGE RIGHT**

NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 41 SB
PLAN SHEET

COUNTY OF	ITEM NO.
HENDERSON	2-232



EXIT 15 A

60

EAST

P-233
EX. MP 16.05 US 41 SB
PR. MP 15.99 US 41 SB
REMOVE EXISTING PANEL SIGN,
AND BRIDGE MOUNTING BRACKET
CONSTRUCT PANEL SIGN AND
BRIDGE MOUNTING BRACKET

EXIT 14

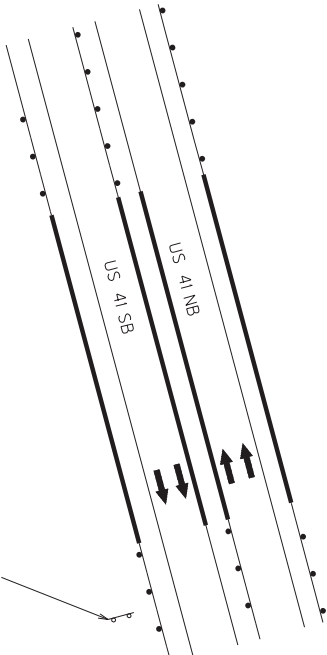
351

Zion Henderson

1 MILE

P-234
EX. MP 15.30 US 41 SB
PR. MP 15.24 US 41 SB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C

EX. MP 15.05 US 41 SB
PR. MP 14.99 US 41 SB
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(ZION HENDERSON 1 MILE)



EXIT 14

351

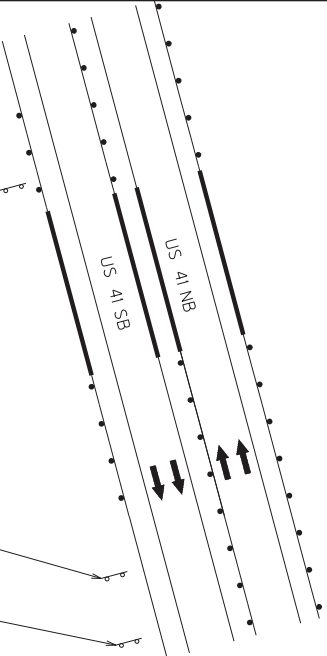
Zion Henderson

1/2 MILE

P-235
EX. MP 14.83 US 41 SB
PR. MP 14.77 US 41 SB
(LOCATE AT LEAST 800' IN
ADVANCE OF THE EXIT 79
FOOD/GAS SIGN.
CONSTRUCT PANEL SIGN WITH
3 - I BEAMS AND GROUND
SUPPORTS TYPE A

EX. MP 14.73 US 41 SB
PR. MP 14.67 US 41 SB
REMOVE EXISTING PANEL SIGN,
3-I BEAMS & GROUND SUPPORTS
(ZION HENDERSON NEXT RIGHT)

EX. MP 14.72 US 41 SB
PR. MP 14.66 US 41 SB
REMOVE EXISTING SHEET SIGN
AND POSTS (GAS FOOD LODGING
NEXT RIGHT)



NOT TO SCALE

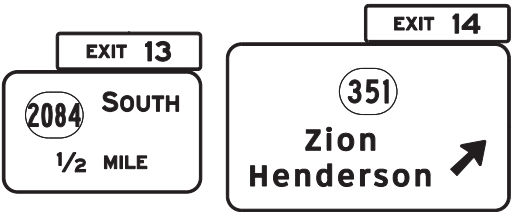
NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 41 SB
PLAN SHEET

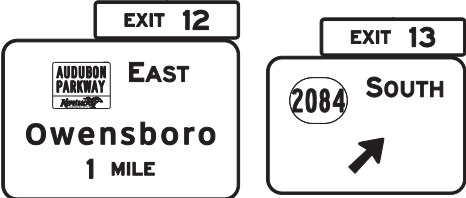
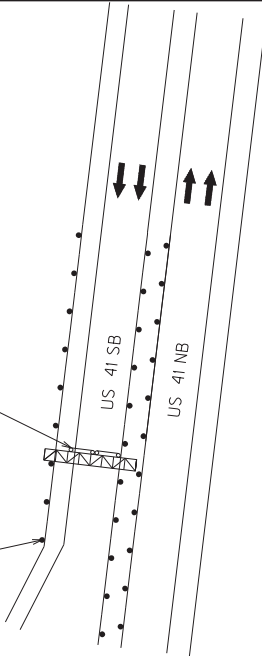
COUNTY OF	ITEM NO.
HENDERSON	2-232



P-236 & P-237
EX. MP 14.31 US 41 SB
PR. MP 14.25 US 41 SB
REMOVE 3 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(MADISONVILLE; US 41 1/2 MILE;
ZION HENDERSON)
CONSTRUCT PANEL SIGNS ON NEW 70'
TRUSS AND 2 FOUNDATION SUPPORTS

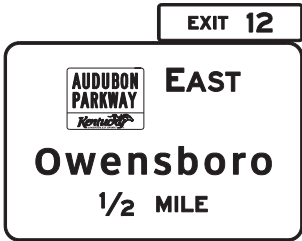
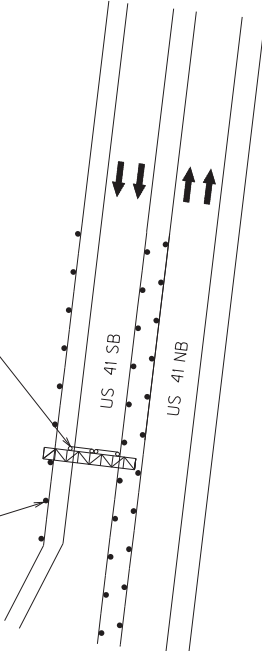


REMOVE END TREATMENT
EXTEND EX. GUARDRAIL
CONSTRUCT 25 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ I-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.

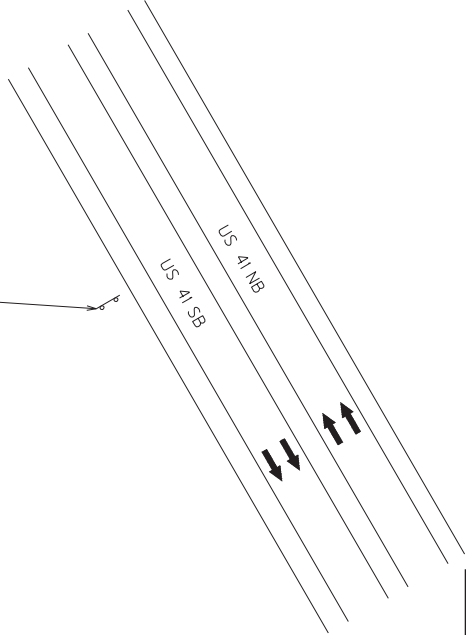


P-238 & P-239
EX. MP 13.79 US 41 SB
PR. MP 13.73 US 41 SB
REMOVE 3 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(MADISONVILLE; OWENSBORO 1 MILE;
US 41)
CONSTRUCT PANEL SIGNS ON NEW 70'
TRUSS AND 2 FOUNDATION SUPPORTS

REMOVE END TREATMENT
EXTEND EX. GUARDRAIL
CONSTRUCT 25 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ I-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.



P-240
EX. MP 78.19 PENNYRILE PKWY SB
PR. MP 13.46 US 41 SB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C



NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 41 SB
PLAN SHEET

121OR15D007-NHPP

COUNTY OF	ITEM NO.
HENDERSON	2-232



EXITS 10 B-A

SOUTH SOUTH TO

69

41

425

Morganfield
Madisonville
Fulton

1 MILE

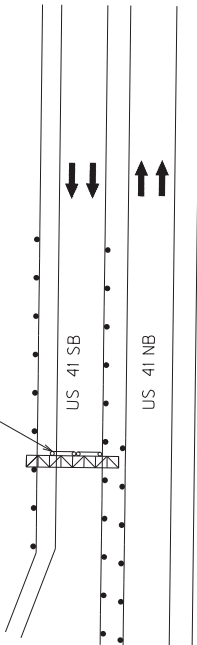
P-241 & P-242
EX. MP 77.76 PENNYRILE PKWY SB
PR. MP 13.03 US 41 SB
REMOVE 2 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(MORGANFIELD 1 MILE; OWENSBORO)
CONSTRUCT PANEL SIGNS ON NEW 55'
TRUSS AND 2 FOUNDATION SUPPORTS

EXIT 12

AUDUBON
PARKWAY

EAST

Owensboro

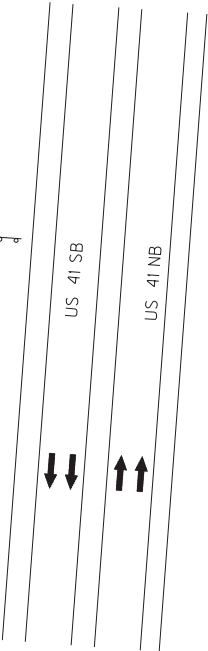


Henderson County
Riverport

Henderson
Community College

EXIT 10 B

P-243
EX. MP 77.20 PENNYRILE PKWY SB
PR. MP 12.47 US 41 SB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(HENDERSON COUNTY RIVERPORT
EXIT 76)



EXITS 10 B-A

SOUTH SOUTH TO

69

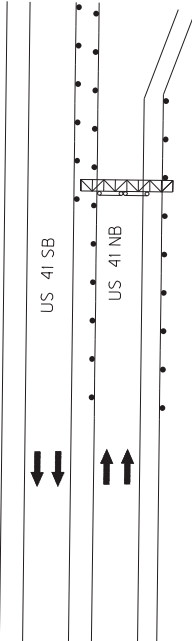
41

425

Morganfield
Madisonville
Fulton

1/2 MILE

P-244
EX. MP 77.02 PENNYRILE PKWY SB
PR. MP 12.91 US 41 SB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C



NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 41 SB
PLAN SHEET

COUNTY OF	ITEM NO.
HENDERSON	2-232



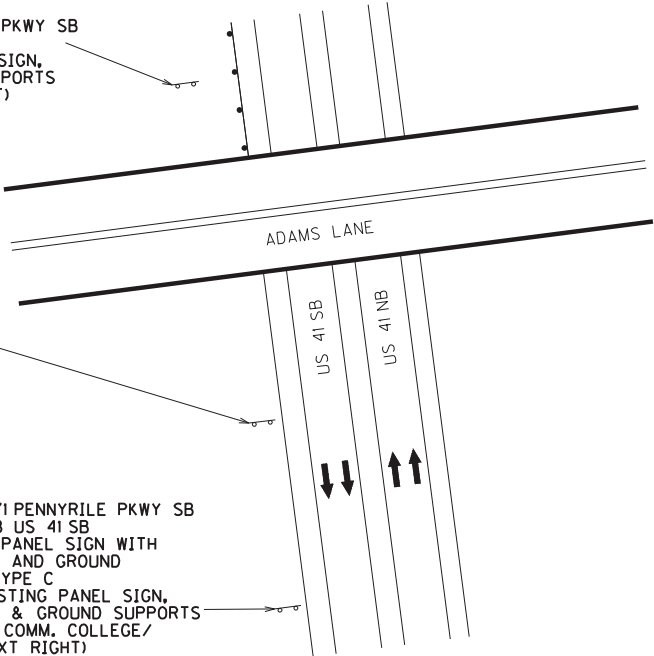
EX. MP 76.97 PENNYRILE PKWY SB
PR. MP 12.24 US 41 SB
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(MORGANFIELD NEXT RIGHT)

**Kentucky State
Police Post 16
EXIT 10 B**

P-250
EX. MP 76.8 PENNYRILE PKWY NB
PR. MP 12.14 US 41 SB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C
REMOVE EXISTING SHEET SIGN
AND POSTS (KENTUCKY STATE
POLICE)



P-245
EX. MP 76.71 PENNYRILE PKWY SB
PR. MP 11.98 US 41 SB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C
REMOVE EXISTING PANEL SIGN,
2 - I BEAMS & GROUND SUPPORTS
(HENDERSON COMM. COLLEGE/
AIRPORT NEXT RIGHT)



EX. MP 76.55 PENNYRILE PKWY SB
PR. MP 11.82 US 41 SB
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(MORGANFIELD)

CONSTRUCT 175 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ I-END
TREATMENT TYPE 1 AND I-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.

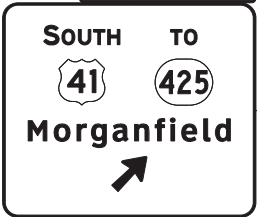
CONSTRUCT 175 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ I-END
TREATMENT TYPE 1 AND I-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.

CONSTRUCT 175 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ I-END
TREATMENT TYPE 1 AND I-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.

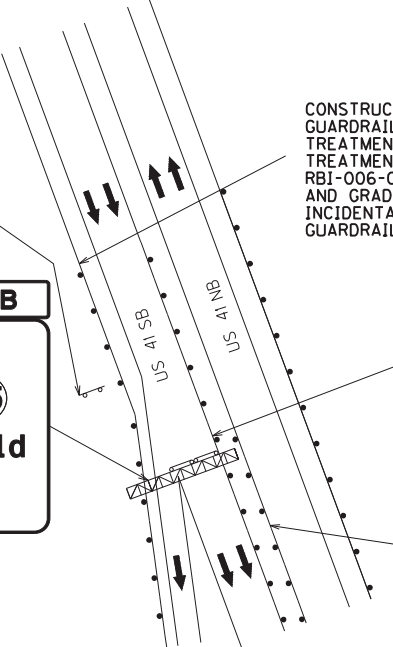
**LEFT
EXIT 10 A**



EXIT 10 B



P-246 & P-247
EX. MP 76.55 PENNYRILE PKWY SB
PR. MP 11.82 US 41 SB
CONSTRUCT PANEL SIGNS ON NEW 70'
TRUSS AND 2 FOUNDATION SUPPORTS



NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 41 SB
PLAN SHEET

121CR15D007-NHPP

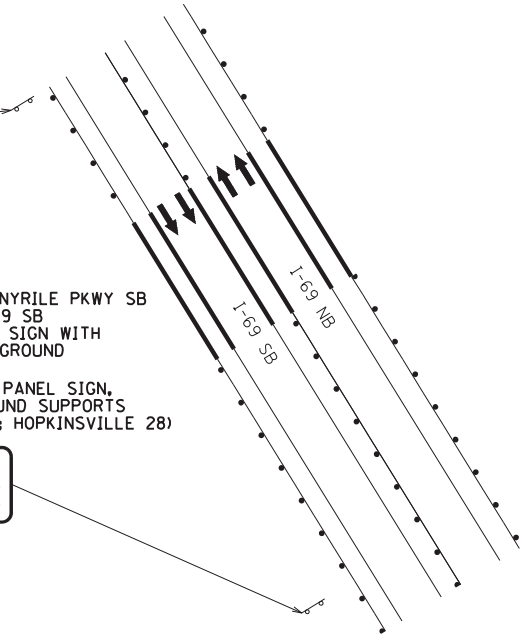
COUNTY OF	ITEM NO.
HENDERSON	2-232



S-43
EX. MP 75.87 PENNYRILE PKWY SB
PR. MP 147.68 I-69 SB
CONSTRUCT SHEET SIGN WITH
2 - TYPE I POSTS

P-248
EX. MP 75.28 PENNYRILE PKWY SB
PR. MP 147.09 I-69 SB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE A
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(MADISONVILLE 36; HOPKINSVILLE 28)

Sebree	15
Madisonville	36
Fulton	146



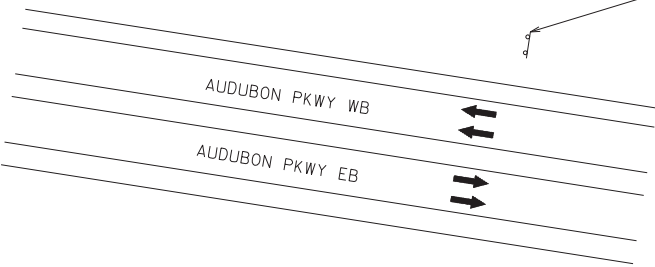
NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

I-69 SB
PLAN SHEET

121CR15D007-NHPP

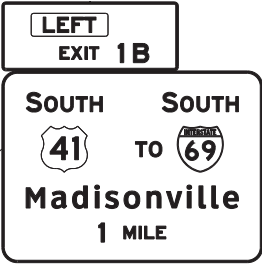
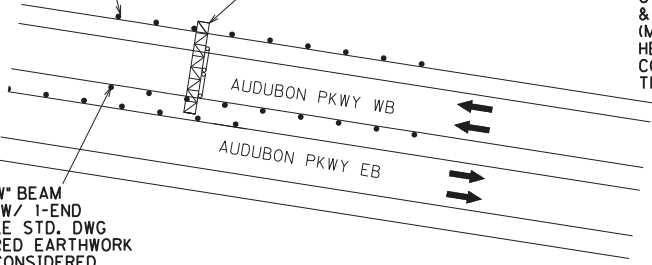
COUNTY OF	ITEM NO.
HENDERSON	2-232



P-253
MP 2.15 AUDUBON PKWY WB
CONSTRUCT PANEL SIGN WITH
3 - I BEAMS AND GROUND
SUPPORTS TYPE C

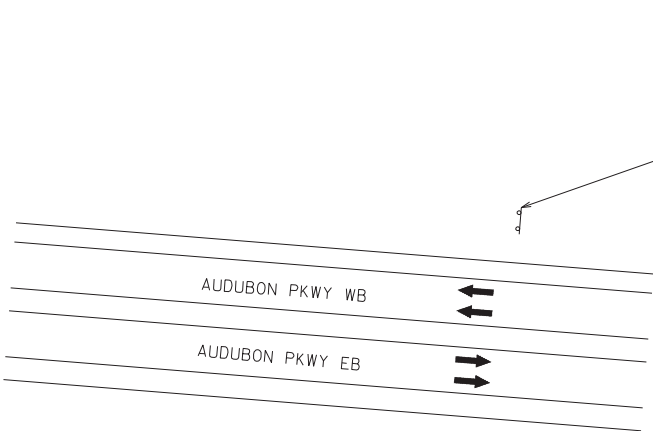
REMOVE EXISTING PANEL SIGN,
3-I BEAMS & GROUND SUPPORTS
(HENDERSON MADISONVILLE 2 MILES)

REMOVE END TREATMENT
EXTEND EX. GUARDRAIL
CONSTRUCT 12.5 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ 1-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.



P-254 & P-255
MP 1.23 AUDUBON PKWY WB
REMOVE 2 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(MADISONVILLE HOPKINSVILLE;
HENDERSON EVANSVILLE)
CONSTRUCT PANEL SIGNS ON NEW 55'
TRUSS AND 2 FOUNDATION SUPPORTS

REMOVE END TREATMENT
EXTEND EX. GUARDRAIL
CONSTRUCT 12.5 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ 1-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.



P-256
MP 0.81 AUDUBON PKWY WB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C

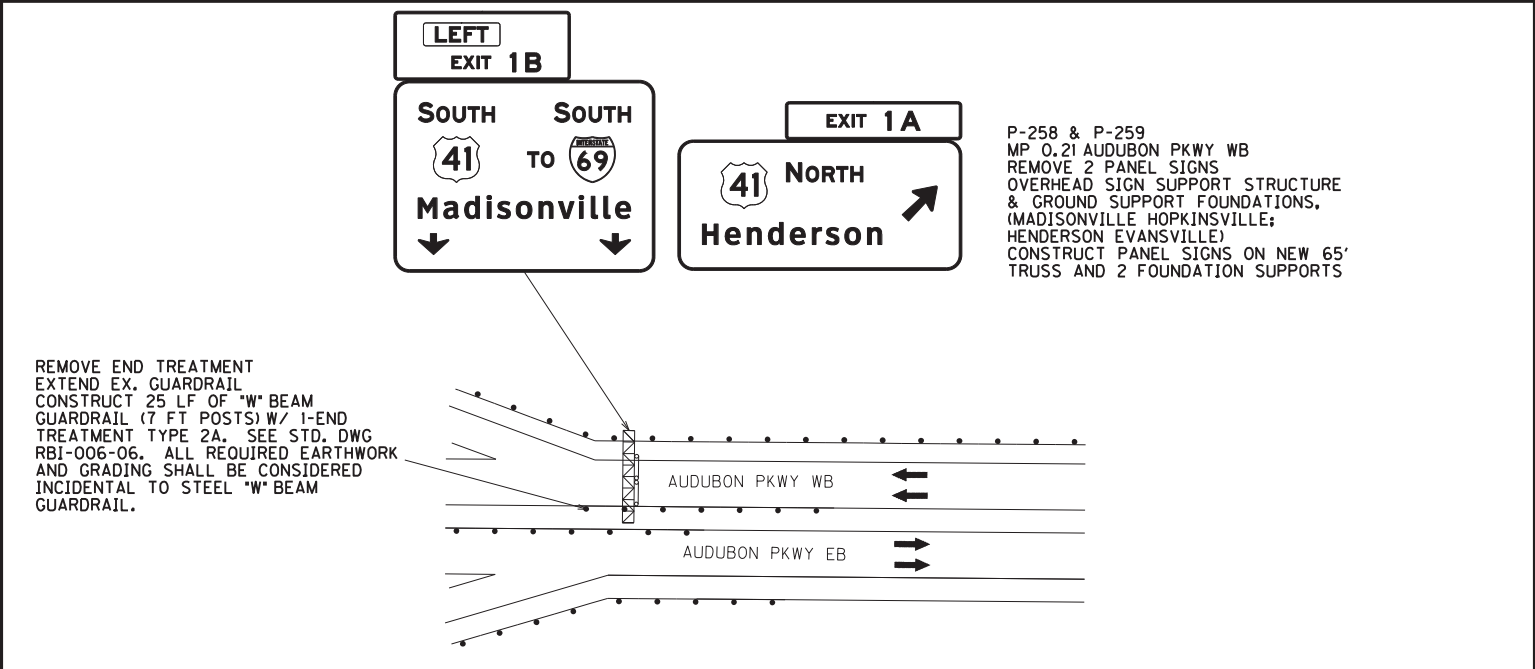
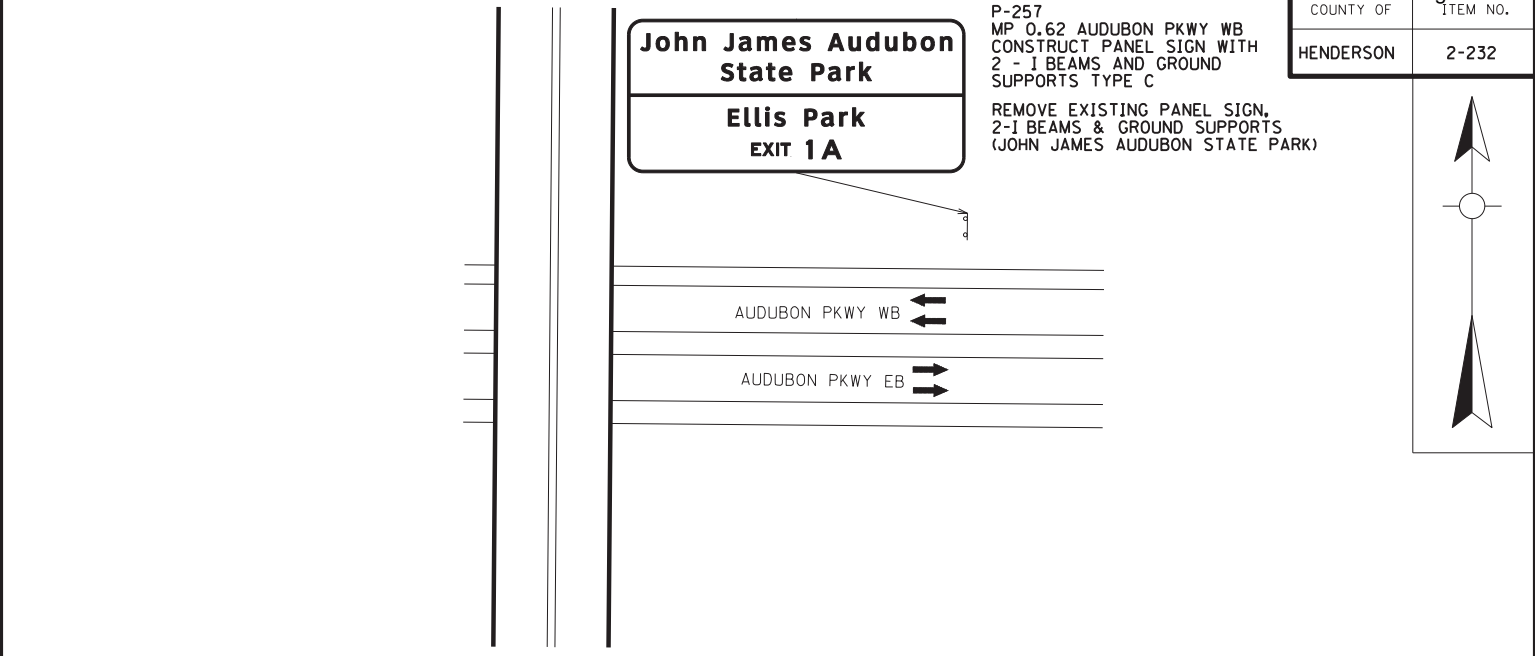
REMOVE EXISTING PANEL SIGN,
2-I BEAMS & GROUND SUPPORTS
(AIRPORT LEFT LANE)

NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

AUDUBON WB
PLAN SHEET

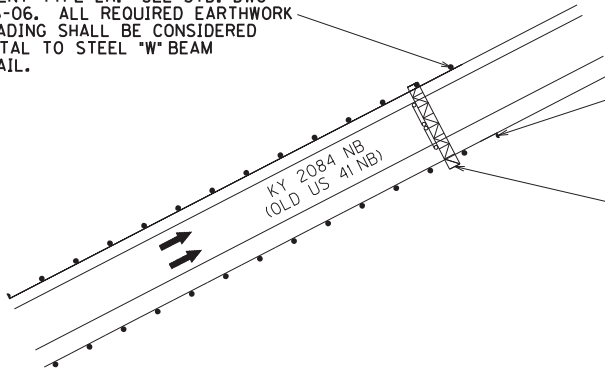
121CR15D007-NHPP



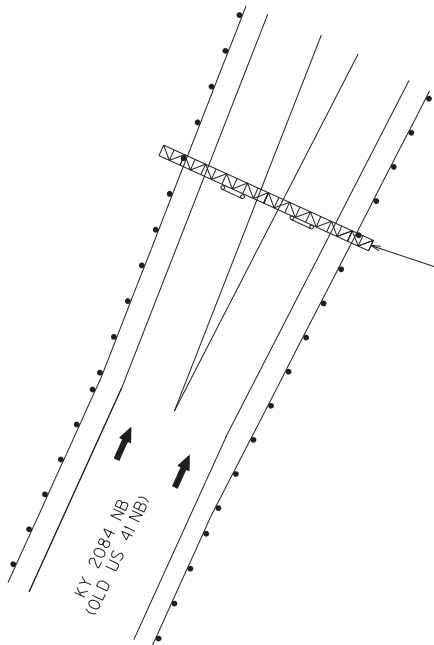
COUNTY OF	ITEM NO.
HENDERSON	2-232

REMOVE END TREATMENT
EXTEND EX. GUARDRAIL
CONSTRUCT 12.5 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ 1-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.

REMOVE END TREATMENT
EXTEND EX. GUARDRAIL
CONSTRUCT 12.5 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ 1-END
TREATMENT TYPE 2A. SEE STD. DWG
RBI-006-06. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.



P-260 & P-261
EX. MP 13.01 US 41 NB
PR. MP 2.26 KY 2084 NB
REMOVE 2 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(EVANSVILLE; HENDERSON)
CONSTRUCT PANEL SIGNS ON NEW 50'
TRUSS AND 2 FOUNDATION SUPPORTS



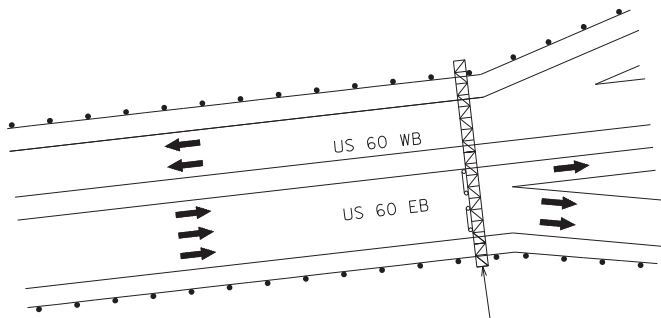
P-262 & P-263
EX. MP 13.14 US 41 NB
PR. MP 2.39 KY 2084 NB
REMOVE 2 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(EVANSVILLE; HENDERSON)
CONSTRUCT PANEL SIGNS ON NEW 60'
TRUSS AND 2 FOUNDATION SUPPORTS

NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

KY 2084 NB
PLAN SHEET

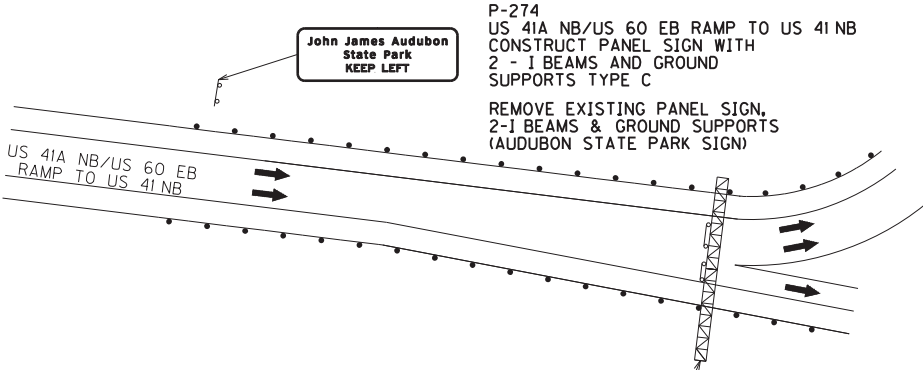
COUNTY OF	ITEM NO.
HENDERSON	2-232



60 EAST
Owensboro
↓

SOUTH
41 TO 69
Evansville
Madisonville
↗ **EXIT ONLY** ↗

P-264 & P-265
MP 17.27 US 41A NB/60 EB
REMOVE 2 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(US 60 EAST; EVANSVILLE MADISONVILLE)
CONSTRUCT PANEL SIGNS ON NEW 105'
TRUSS AND 2 FOUNDATION SUPPORTS



41 NORTH
Evansville
↓ ↓

SOUTH SOUTH
41 TO 69
Madisonville
↗

P-266 & P-267
US 41A NB/60 EB RAMP TO US 41 NB
REMOVE 2 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(EVANSVILLE; MADISONVILLE)
CONSTRUCT PANEL SIGNS ON NEW 60'
TRUSS AND 2 FOUNDATION SUPPORTS

NOT TO SCALE

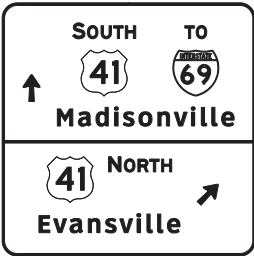
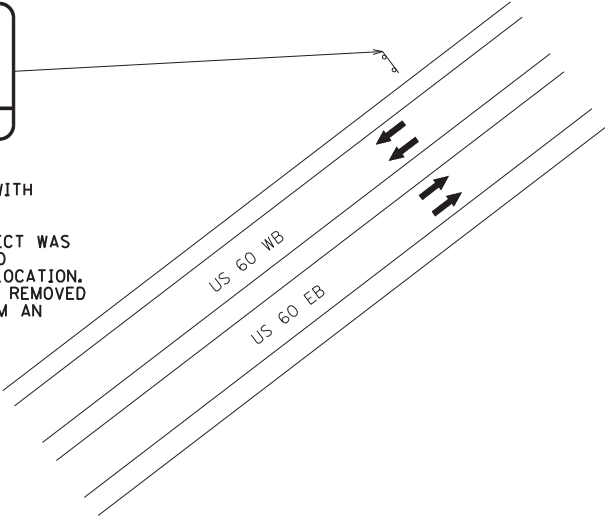
NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 60 EB
PLAN SHEET

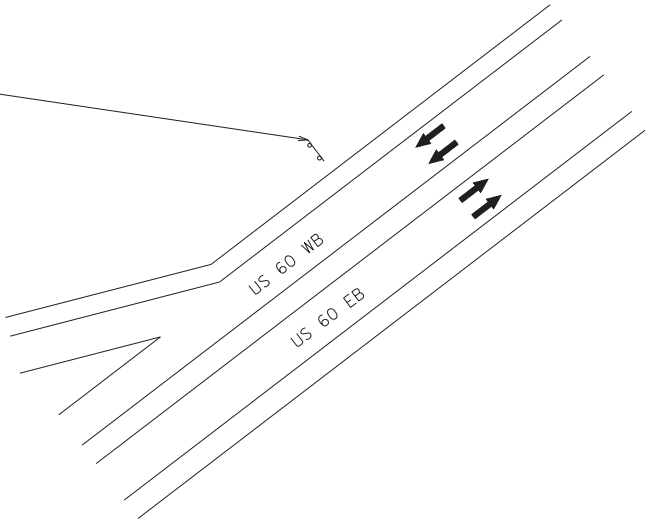
COUNTY OF	ITEM NO.
HENDERSON	2-232



P-268
MP 10.51 US 60 WB
CONSTRUCT PANEL SIGN WITH
2 - I BEAMS AND GROUND
SUPPORTS TYPE C
(AT THE TIME THIS PROJECT WAS
COMPLETED THERE WAS NO
EXISTING SIGN AT THIS LOCATION.
IT HAD BEEN PREVIOUSLY REMOVED
AS IT WAS DAMAGED FROM AN
ACCIDENT.)



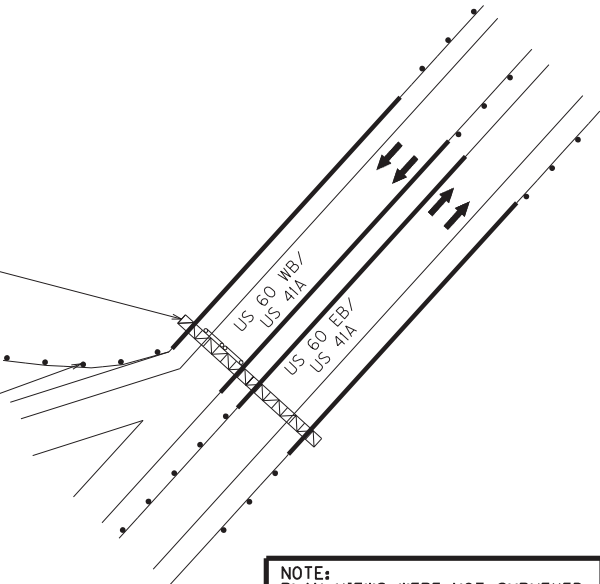
P-269
MP 10.44 US 60 WB
CONSTRUCT PANEL SIGN WITH
3 - I BEAMS AND GROUND
SUPPORTS TYPE C
REMOVE EXISTING PANEL SIGN,
3-I BEAMS & GROUND SUPPORTS
(MADISONVILLE/EVANSVILLE)



P-270 & P-271
MP 17.43 US 41A/US 60 WB
REMOVE 2 PANEL SIGNS
OVERHEAD SIGN SUPPORT STRUCTURE
& GROUND SUPPORT FOUNDATIONS,
(HENDERSON; MADISONVILLE)
CONSTRUCT PANEL SIGNS ON NEW 80'
TRUSS AND 2 FOUNDATION SUPPORTS



CONSTRUCT GUARDRAIL CONNECTOR
TO BRIDGE END TYPE A.
CONSTRUCT 25 LF OF "W" BEAM
GUARDRAIL (7 FT POSTS) W/ I-END
TREATMENT TYPE 2A. ALL REQUIRED EARTHWORK
AND GRADING SHALL BE CONSIDERED
INCIDENTAL TO STEEL "W" BEAM
GUARDRAIL.



NOT TO SCALE

NOTE:
PLAN VIEWS WERE NOT SURVEYED.
ROTATION OF DRAWINGS SHOWN
ARE APPROXIMATE WITH RELATION
TO NORTH ARROW.

US 60 WB
PLAN SHEET

COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-1	ROAD & MILE POINT	I-69; 109.35	SUPPORT TYPE "A"				
QUANTITY	1	TRAFFIC DIRECTION	NB	"A" = FIXED BEAMS				
WIDTH	14' - 6"	SIDE OF ROAD	RT	"B" = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	6' - 0"	MOUNTING STYLE	BEAMS	"C" = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	87.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W8 X 18			' RIGHT		
BORDER RADIUS	9"	BEAM/POST LENGTH	1. = 23.5'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 26'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	133+19.53	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 2.5'	2.54 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 7'						

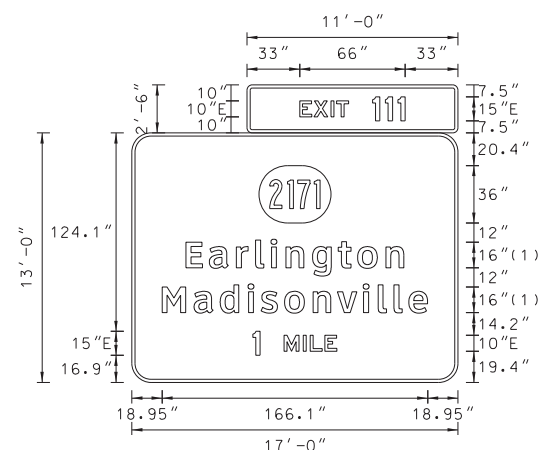


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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-2	ROAD & MILE POINT		SUPPORT TYPE				
QUANTITY		TRAFFIC DIRECTION		*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY				
WIDTH		SIDE OF ROAD		HORIZONTAL CLEARANCE		' LEFT 6' RIGHT		
HEIGHT		MOUNTING STYLE						
AREA (Sq. Ft.)		BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH		BEAM SIZE						
BORDER RADI		BEAM/POST LENGTH	1. =					
PANEL COLOR		BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =					
STATIONS(S)		BEAM/POST LENGTH	4. =					
PANEL MATERIAL		CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL		CONC 'b' =						

NOT USED

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-3	ROAD & MILE POINT	1-69+110.68	SUPPORT TYPE "C"					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH	17'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE		' LEFT 18' RIGHT			
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS						
AREA (Sq. Ft.)	248.5 Sq.Ft.	BEAM MATERIAL		SYMBOL		X	Y	WIDTH	HEIGHT
BORDER WIDTH	2"	BEAM SIZE	W12 X 26						
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 22.5'	4.18 Cu. Yds.	KY_4				
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 23'		79.5				
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		99.6				
STATIONS(S)	203+78.06	BEAM/POST LENGTH	4. =		45				
PANEL MATERIAL	Reflective	CONC 'a' = 3'			36				
LEGEND MATERIAL	Reflective	CONC 'b' = 8'							

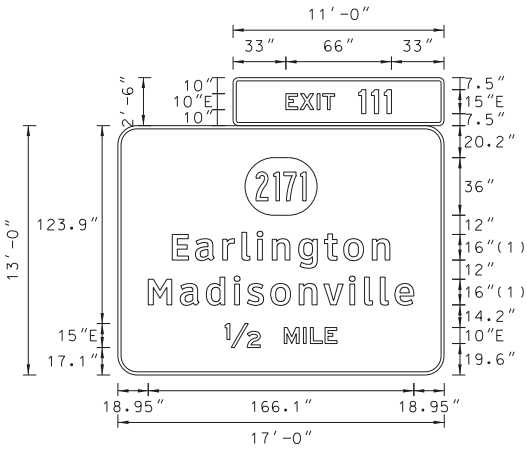


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PANEL SIGN
DETAIL SHEET

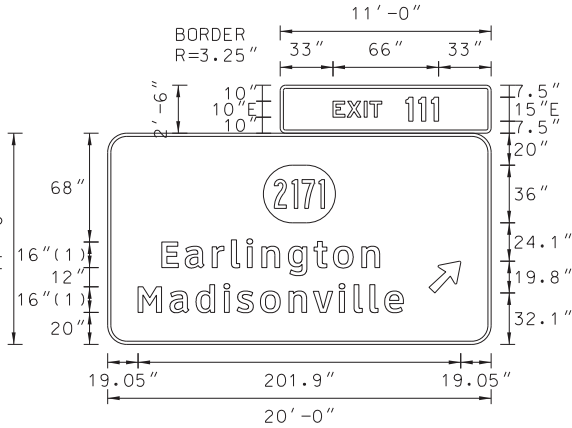
COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-4	ROAD & MILE POINT	I-69; III.18	SUPPORT TYPE "C"					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A" = FIXED BEAMS					
WIDTH	17'-0"	SIDE OF ROAD	RT	*B" = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C" = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	248.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W10 X 22			18' RIGHT			
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 22.5'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 19'	KY_4	79.5	99.8	45	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	230+19.58	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'							



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-5	ROAD & MILE POINT	I-69; III.67	SUPPORT TYPE "A"					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A" = FIXED BEAMS					
WIDTH	20'-0"	SIDE OF ROAD	RT	*B" = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	11'-0"	MOUNTING STYLE	BEAMS	*C" = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	247.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W14 X 30			6' RIGHT			
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 31.5'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 35'	KY_4	97.5	76	45	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 38.5'	AR_Type A	201.1	32.1	16	25.2	
STATIONS(S)	256+29.90	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'	7.08 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 9'							



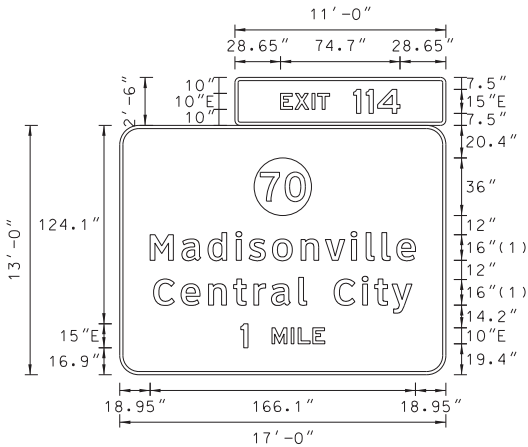
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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-6	ROAD & MILE POINT		SUPPORT TYPE					
QUANTITY		TRAFFIC DIRECTION		*A" = FIXED BEAMS					
WIDTH		SIDE OF ROAD		*B" = STANDARD BREAK-A-WAY BEAMS					
HEIGHT		MOUNTING STYLE		*C" = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)		BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH		BEAM SIZE				6' RIGHT			
BORDER RADIUS		BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR		BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =						
STATIONS(S)		BEAM/POST LENGTH	4. =						
PANEL MATERIAL		CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL		CONC 'b' =							

NOT USED

COUNTY OF	ITEM NO.
HOPKINS	2-232

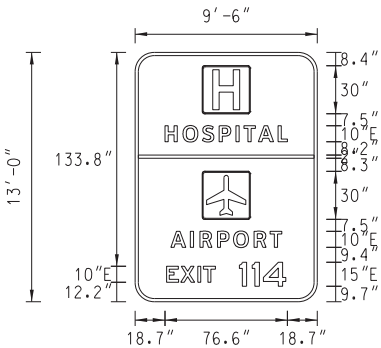
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-7	ROAD & MILE POINT	I-69; 113.09	SUPPORT TYPE "C"	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS	
WIDTH	17'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	248.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W18 X 40		18' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. = 26'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 27'	KY-2	84
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	Y	99.6
STATIONS(S)	327+11.42	BEAM/POST LENGTH	4. =	WIDTH	36
PANEL MATERIAL	Reflective	CONC 'a' = 3.5'	6.42 Cu. Yds.	HEIGHT	36
LEGEND MATERIAL	Reflective	CONC 'b' = 9'			



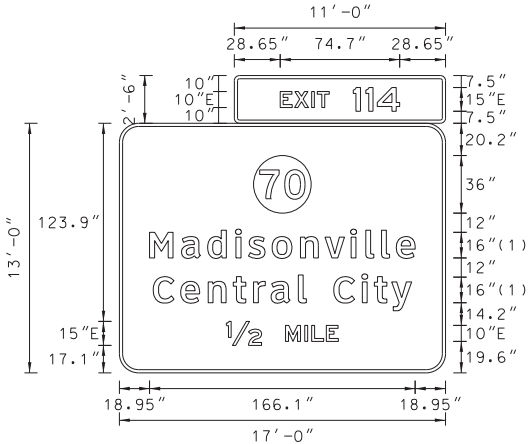
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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-8	ROAD & MILE POINT	I-69; 113.27	SUPPORT TYPE "C"	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS	
WIDTH	9'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	123.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W8 X 21		18' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. = 23'	SYMBOL	X
PANEL COLOR	Blue/Green *	BEAM/POST LENGTH	2. = 23'	I-5	42
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	Y	51.6
STATIONS(S)	341+01.02	BEAM/POST LENGTH	4. =	WIDTH	30
PANEL MATERIAL	Reflective	CONC 'a' = 2.5'	2.54 Cu. Yds.	HEIGHT	30
LEGEND MATERIAL	Reflective	CONC 'b' = 7'			

* TOP PORTION OF THE SIGN IS BLUE.
BOTTOM PORTION OF THE SIGN IS GREEN.



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-9	ROAD & MILE POINT	I-69; 113.58	SUPPORT TYPE "C"	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS	
WIDTH	17'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	248.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W14 X 30		18' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. = 26'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 24'	KY-2	84
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	Y	99.9
STATIONS(S)	357+47.11	BEAM/POST LENGTH	4. =	WIDTH	36
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.72 Cu. Yds.	HEIGHT	36
LEGEND MATERIAL	Reflective	CONC 'b' = 9'			



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(1) ClearviewHwy-5-W

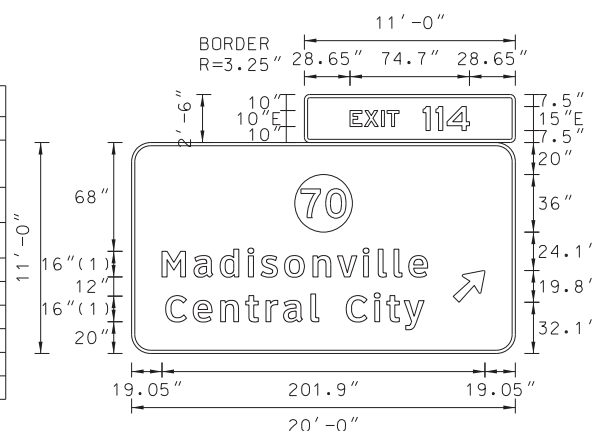
PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION	
SIGN NUMBER	P-10
QUANTITY	1
WIDTH	20' - 0"
HEIGHT	11' - 0"
AREA (Sq. Ft.)	247.5 Sq.Ft.
BORDER WIDTH	2"
BORDER RADIUS	12"
PANEL COLOR	Green
LEGEND/BORDER COLOR	White/White
STATION(S)	38+99.34
PANEL MATERIAL	Reflective
LEGEND MATERIAL	Reflective

SIGN LOCATION / SUPPORT		
ROAD & MILE POINT	I-69; I14.05	
TRAFFIC DIRECTION	NB	
SIDE OF ROAD	RT	
MOUNTING STYLE	BEAMS	
BEAM MATERIAL		
BEAM SIZE	W10 X 26	
BEAM/POST LENGTH	1. = 22'	
BEAM/POST LENGTH	2. = 22.5'	
BEAM/POST LENGTH	3. =	
BEAM/POST LENGTH	4. =	
CONC 'a' = 3'	4.18	
CONC 'b' = 8'		
		Cu. Yds.

SUPPORT TYPE				
SUPPORT TYPE	*C*			
A = FIXED BEAMS				
B = STANDARD BREAK-A-WAY BEAMS				
C = OMNI-DIRECTIONAL BREAK-A-WAY				
	HORIZONTAL CLEARANCE	' LEFT		
		18' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
KY_2	102	76	36	36
AR_Type A	201.1	32.1	16	25.2



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SIGN INFORMATION	
SIGN NUMBER	P-11
QUANTITY	1
WIDTH	24' - 0"
HEIGHT	11' - 6"
AREA (Sq. Ft.)	276.0 Sq.Ft.
BORDER WIDTH	2"
BORDER RADIUS	12"
PANEL COLOR	Green
LEGEND/BORDER COLOR	White/White
STATION(S)	449+57.40
PANEL MATERIAL	Reflective
LEGEND MATERIAL	Reflective

SIGN LOCATION / SUPPORT		
ROAD & MILE POINT	I-69; I15, 31	
TRAFFIC DIRECTION	NB	
SIDE OF ROAD	RT	
MOUNTING STYLE	BEAMS	
BEAM MATERIAL		
BEAM SIZE	W14 X 30	
BEAM/POST LENGTH	1. = 30'	
BEAM/POST LENGTH	2. = 33.5'	
BEAM/POST LENGTH	3. = 37.5'	
BEAM/POST LENGTH	4. = 41.5'	
CONC 'a' = 3'	9.44	Cu. Yds.
CONC 'b' = 9'		

SUPPORT TYPE				
SUPPORT TYPE		*A*		
A = FIXED BEAMS				
B = STANDARD BREAK-A-WAY BEAMS				
C = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		6' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT

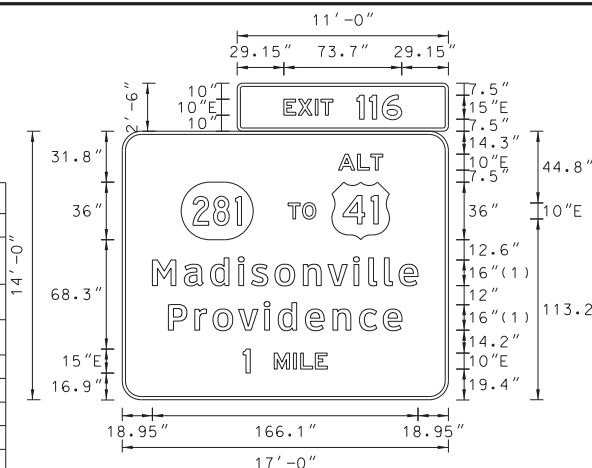


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(1) ClearviewHwy-5-W

SIGN INFORMATION	
SIGN NUMBER	P-12
QUANTITY	2
WIDTH	17'-0"
HEIGHT	14'-0"
AREA (Sq. Ft.)	265.5 Sq.Ft.
BORDER WIDTH	2"
BORDER RADIUS	12"
PANEL COLOR	Green
LEGEND/BORDER COLOR	White/White
STATION(S)	437+90.52
PANEL MATERIAL	Reflective
LEGEND MATERIAL	Reflective

SIGN LOCATION / SUPPORT		
ROAD & MILE POINT	I-69	
TRAFFIC DIRECTION	NB	
SIDE OF ROAD	RT	
MOUNTING STYLE	BEAMS	
BEAM MATERIAL		
BEAM SIZE	W14 X 30	
BEAM/POST LENGTH	1. = 34.5'	
BEAM/POST LENGTH	2. = 37.5'	
BEAM/POST LENGTH	3. = 41.5'	
BEAM/POST LENGTH	4. =	
CONC 'a' = 3'	7.08	Cu. Yds.
CONC 'b' = 9'		

SUPPORT TYPE				
SUPPORT TYPE		*A*		
A = FIXED BEAMS				
B = STANDARD BREAK-A-WAY BEAMS				
C = OMNI-DIRECTIONAL BREAK-A-WAY				
HORIZONTAL CLEARANCE		' LEFT		
		6' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT
KY_3	42.8	100.2	45	36
M1_4	125.2	100.2	36	36



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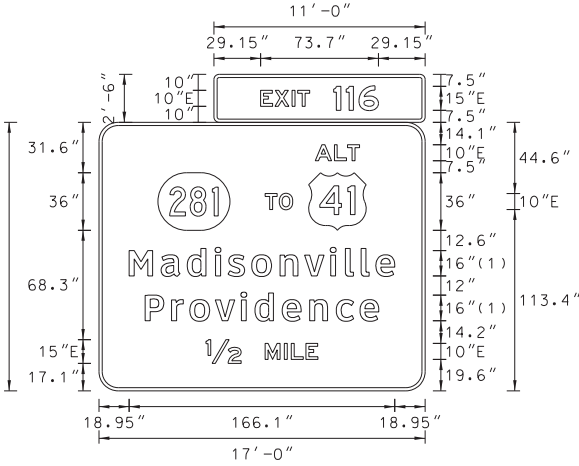
PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-13	ROAD & MILE POINT		SUPPORT TYPE					
QUANTITY		TRAFFIC DIRECTION		*A* = FIXED BEAMS					
WIDTH		SIDE OF ROAD		*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT		MOUNTING STYLE		*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)		BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH		BEAM SIZE			' RIGHT				
BORDER RADII		BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR		BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =						
STATIONS(S)		BEAM/POST LENGTH	4. =						
PANEL MATERIAL		CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL		CONC 'b' =							

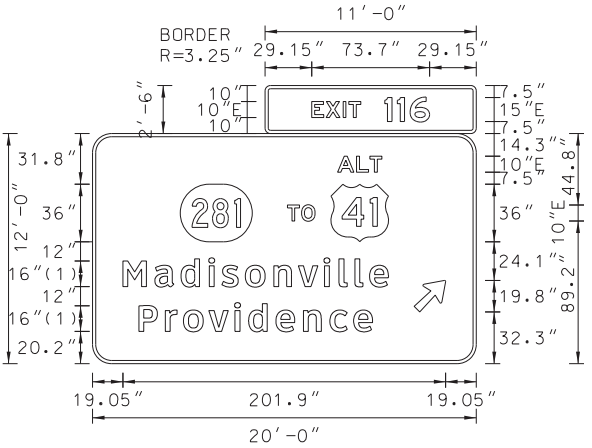
NOT USED

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-14	ROAD & MILE POINT	I-69; 115.59	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS					
WIDTH	17'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	14'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	265.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH	2"	BEAM SIZE	W12 X 26		6' RIGHT				
BORDER RADII	12"	BEAM/POST LENGTH	1. = 32.5'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 36'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 38'						
STATIONS(S)	464+44.04	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'	6.27 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'							



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-15	ROAD & MILE POINT	I-69; 115.87	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS					
WIDTH	20'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	12'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	267.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH	2"	BEAM SIZE	W14 X 30		18' RIGHT				
BORDER RADII	12"	BEAM/POST LENGTH	1. = 23.5'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 25'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	478+86.42	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.72 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 9'							



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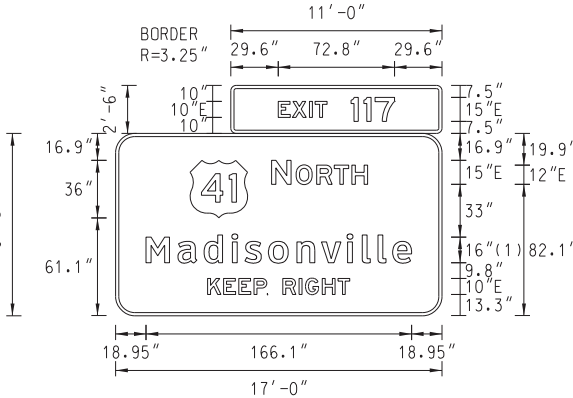
PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-16	ROAD & MILE POINT		SUPPORT TYPE					
QUANTITY		TRAFFIC DIRECTION		*A* = FIXED BEAMS					
WIDTH		SIDE OF ROAD		*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT		MOUNTING STYLE		*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)		BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH		BEAM SIZE			' RIGHT				
BORDER RADII		BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR		BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =						
STATIONS(S)		BEAM/POST LENGTH	4. =						
PANEL MATERIAL		CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL		CONC 'b' =							

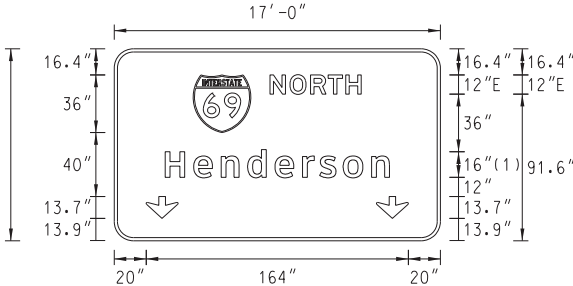
NOT USED

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-17	ROAD & MILE POINT	1-69; 116.34	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS					
WIDTH	17'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	9'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	189 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH	2"	BEAM SIZE			' RIGHT				
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =		M1_4	46.5	61.2	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	503+83.74	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



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(1) ClearviewHwy-5-W

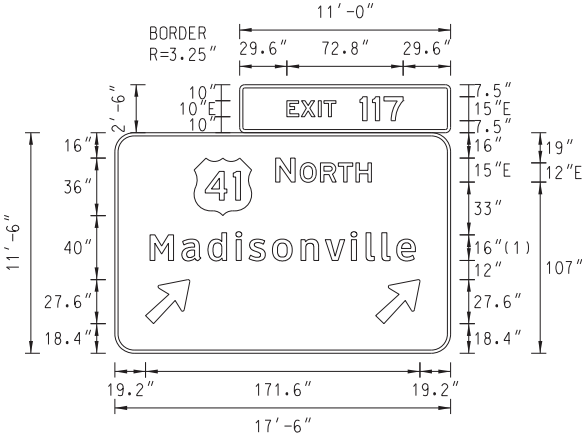
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-18	ROAD & MILE POINT	1-69; 116.51	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS					
WIDTH	17'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	10'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	170.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH	2"	BEAM SIZE			' RIGHT				
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =		M1_1	49.4	67.6	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		ARDOWN	20	14	19.9	13.7
STATIONS(S)	512+89.10	BEAM/POST LENGTH	4. =		ARDOWN	164.1	14	19.9	13.7
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



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(1) ClearviewHwy-5-W

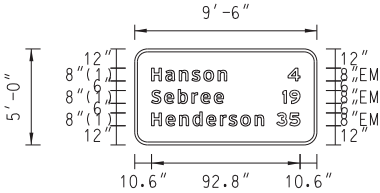
COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-19	ROAD & MILE POINT	1-69; 116.51	SUPPORT TYPE	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS	
WIDTH	17'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	11'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	228.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	
BORDER WIDTH	2"	BEAM SIZE		' LEFT	
BORDER RADII	12"	BEAM/POST LENGTH	1. =	' RIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	SYMBOL	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_4	49.5 80.3 36 36
STATIONS(S)	512+89.10	BEAM/POST LENGTH	4. =	AR_Type A	19.2 18.5 22.2 35
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.	AR_Type A	163.2 18.5 22.2 35
LEGEND MATERIAL	Reflective	CONC 'b' =			



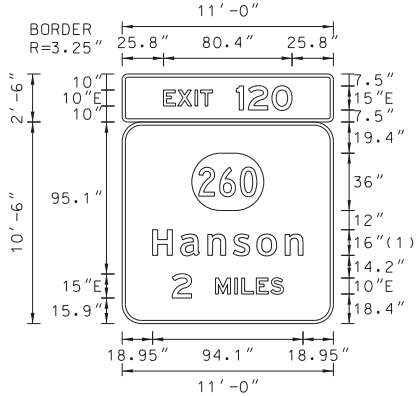
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-20	ROAD & MILE POINT	1-69; 117.48	SUPPORT TYPE	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS	
WIDTH	9'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	5'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	47.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	
BORDER WIDTH	1.75"	BEAM SIZE	W6 X 9	' LEFT	
BORDER RADII	6"	BEAM/POST LENGTH	1. = 18'	6' RIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 18.5'	SYMBOL	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		
STATIONS(S)	564+07.39	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 2'	1.16 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 5'			



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(1) ClearviewHwy-5-W

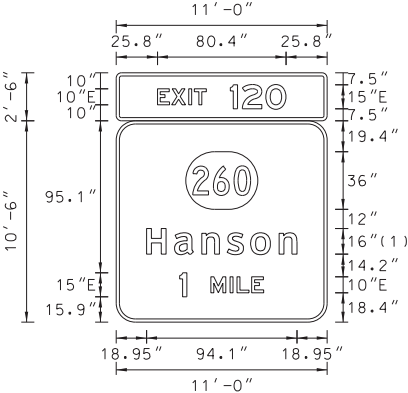
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-21	ROAD & MILE POINT	1-69; 118.42	SUPPORT TYPE	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS	
WIDTH	11'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	10'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	143.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	
BORDER WIDTH	2"	BEAM SIZE	W10 X 22	' LEFT	
BORDER RADII	12"	BEAM/POST LENGTH	1. = 23.5'	34' RIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 21.5'	SYMBOL	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	KY_3	43.5 70.6 45 36
STATIONS(S)	614+18.96	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 8'			



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COUNTY OF	ITEM NO.
HOPKINS	2-232

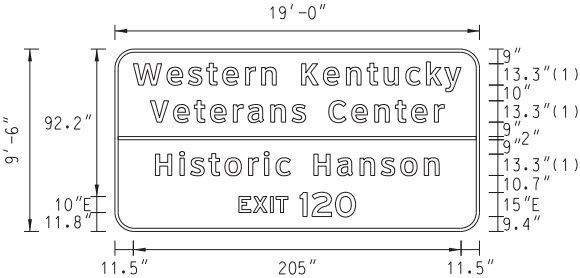
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-22	ROAD & MILE POINT	I-69; 119.40	SUPPORT TYPE 'A'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	11'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	10'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	143.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 6' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W10 X 22					
BORDER RADII	12"	BEAM/POST LENGTH	1. = 29.5'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 33'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	665+67.06	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'						



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(1) ClearviewHwy-5-W

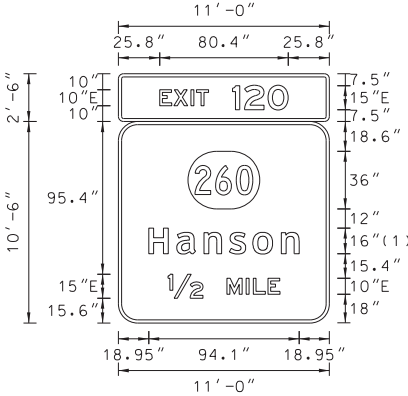
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-23	ROAD & MILE POINT	I-69; 119.70	SUPPORT TYPE "C"				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	19'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	9'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	180.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 18' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W8 X 18					
BORDER RADII	12"	BEAM/POST LENGTH	1. = 16'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green/Brown*	BEAM/POST LENGTH	2. = 16.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	681+81.14	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 2.5'	2.54 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 7'						

* TOP PORTION OF SIGN IS GREEN
BOTTOM PORTION OF SIGN IS BROWN



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-24	ROAD & MILE POINT	I-69; 119.86	SUPPORT TYPE "A"				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	11'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	10'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	143.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 6' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W10 X 26					
BORDER RADII	12"	BEAM/POST LENGTH	1. = 30.5'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 34.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	690+25.29	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'						

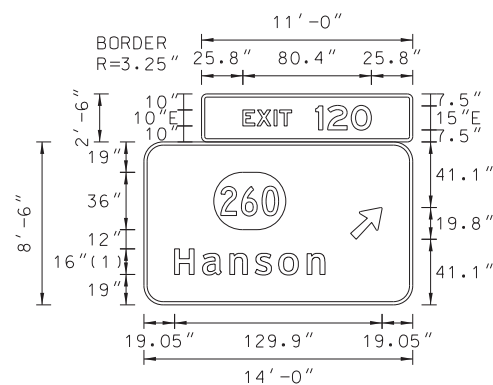


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PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE																																			
SIGN NUMBER	P-25	ROAD & MILE POINT	I-69; I20.42	SUPPORT TYPE "C"																																			
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY																																			
WIDTH	14' - 0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE		' LEFT 18' RIGHT																																	
HEIGHT	8' - 6"	MOUNTING STYLE	BEAMS																																				
AREA (Sq. Ft.)	146.5 Sq.Ft.	BEAM MATERIAL																																					
BORDER WIDTH	2"	BEAM SIZE	W12 X 26																																				
BORDER RADII	12"	BEAM/POST LENGTH	1. = 22'																																				
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 23.5'																																				
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =																																				
STATIONS(S)	719+96.02	BEAM/POST LENGTH	4. =																																				
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.																																				
LEGEND MATERIAL	Reflective	CONC 'b' = 8'																																					
				<table><tr><th colspan="2">SYMBOL</th><th>X</th><th>Y</th><th>WIDTH</th><th>HEIGHT</th></tr><tr><td>KY_3</td><td></td><td>43.6</td><td>47</td><td>45</td><td>36</td></tr><tr><td>AR_Type A</td><td></td><td>129.1</td><td>41.1</td><td>16</td><td>25.2</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						SYMBOL		X	Y	WIDTH	HEIGHT	KY_3		43.6	47	45	36	AR_Type A		129.1	41.1	16	25.2												
SYMBOL		X	Y	WIDTH	HEIGHT																																		
KY_3		43.6	47	45	36																																		
AR_Type A		129.1	41.1	16	25.2																																		

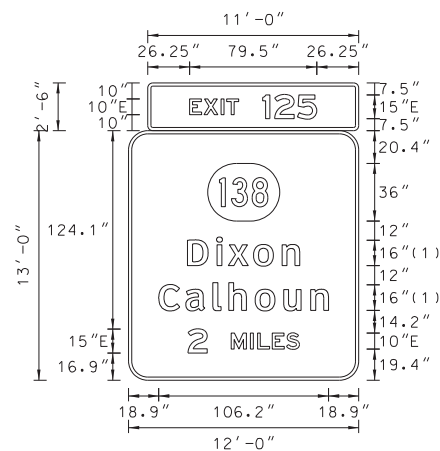


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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-26	ROAD & MILE POINT		SUPPORT TYPE				
QUANTITY		TRAFFIC DIRECTION		*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY				
WIDTH		SIDE OF ROAD		HORIZONTAL CLEARANCE ' LEFT ' RIGHT				
HEIGHT		MOUNTING STYLE						
AREA (Sq. Ft.)		BEAM MATERIAL						
BORDER WIDTH		BEAM SIZE						
BORDER RADIUS		BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR		BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =					
STATIONS(S)		BEAM/POST LENGTH	4. =					
PANEL MATERIAL		CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL		CONC 'b' =						

NOT USED

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-27	ROAD & MILE POINT	I-69; I23.55	SUPPORT TYPE "A"				
QUANTITY	1	TRAFFIC DIRECTION	NB	"A" = FIXED BEAMS "B" = STANDARD BREAK-A-WAY BEAMS "C" = OMNI-DIRECTIONAL BREAK-A-WAY				
WIDTH	12'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE		' LEFT		
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS					
AREA (Sq. Ft.)	183.5 Sq.Ft.	BEAM MATERIAL				6' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W12 X 26					
BORDER RADII	12"	BEAM/POST LENGTH	1. = 33'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 36.5'	KY_3	49.5	99.6	45	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	885+86.61	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'						



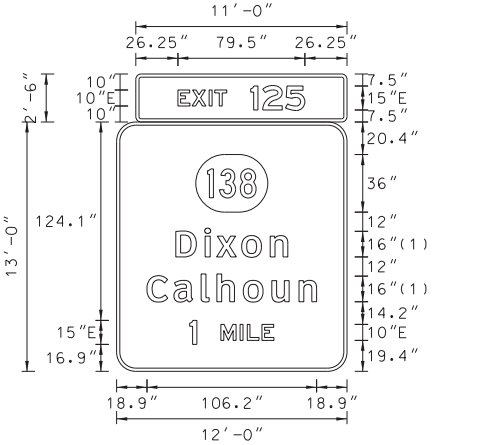
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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

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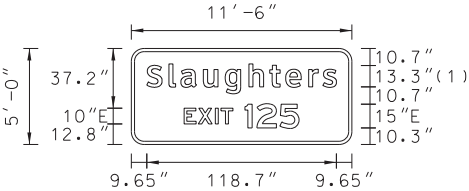
COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-28	ROAD & MILE POINT	I-69; 124.26	SUPPORT TYPE 'A'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	12'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	183.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 6' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W12 X 26					
BORDER RADII	12"	BEAM/POST LENGTH	1. = 32.5'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 35.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	922+90.40	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'						



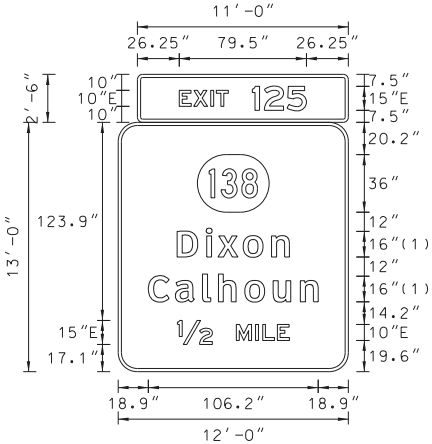
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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-29	ROAD & MILE POINT	I-69; 124.53	SUPPORT TYPE "A"				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	11'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	5'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	57.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 6' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W8 X 18					
BORDER RADII	8"	BEAM/POST LENGTH	1. = 21.5'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 24.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	936+91.04	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 2.5'	2.54 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 7'						



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-30	ROAD & MILE POINT	I-69; 125.04	SUPPORT TYPE 'A'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	12'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	183.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 6' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W10 x 22					
BORDER RADII	12"	BEAM/POST LENGTH	1. = 31'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 31.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	964+05.71	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'						

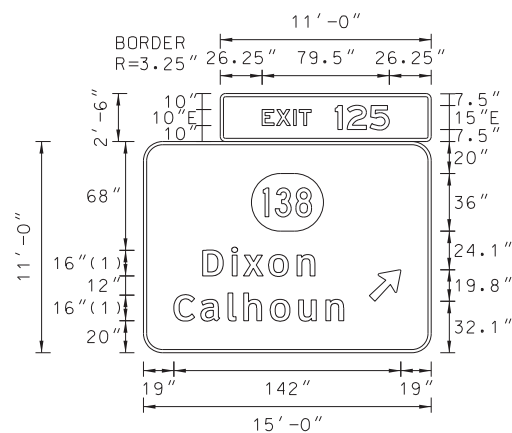


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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

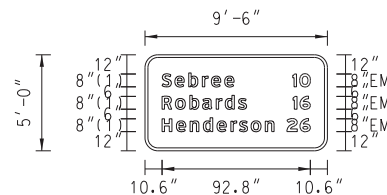
COUNTY OF	ITEM NO.
HOPKINS/ WEBSTER	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE																																		
SIGN NUMBER	P-31	ROAD & MILE POINT	I-69; 125.48	SUPPORT TYPE "A"																																		
QUANTITY	1	TRAFFIC DIRECTION	NB	"A" = FIXED BEAMS																																		
WIDTH	15'-0"	SIDE OF ROAD	RT	"B" = STANDARD BREAK-A-WAY BEAMS																																		
HEIGHT	11'-0"	MOUNTING STYLE	BEAMS	"C" = OMNI-DIRECTIONAL BREAK-A-WAY																																		
AREA (Sq. Ft.)	192.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT																																
BORDER WIDTH	2"	BEAM SIZE	W10 X 26																																			
BORDER RADII	12"	BEAM/POST LENGTH	1. = 29'			6' RIGHT																																
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 32'																																			
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =																																			
STATIONS(S)	987+29.18	BEAM/POST LENGTH	4. =																																			
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4,18	Cu. Yds.																																		
LEGEND MATERIAL	Reflective	CONC 'b' = 8'																																				
				<table><tr><td colspan="2">SYMBOL</td><td>X</td><td>Y</td><td>WIDTH</td><td>HEIGHT</td></tr><tr><td>KY_3</td><td>67.5</td><td>76</td><td>45</td><td>36</td><td></td></tr><tr><td>AR_Type A</td><td>141.2</td><td>32.1</td><td>16</td><td>25.2</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					SYMBOL		X	Y	WIDTH	HEIGHT	KY_3	67.5	76	45	36		AR_Type A	141.2	32.1	16	25.2													
SYMBOL		X	Y	WIDTH	HEIGHT																																	
KY_3	67.5	76	45	36																																		
AR_Type A	141.2	32.1	16	25.2																																		



FONT:
(1) ClearviewHwy-5-W

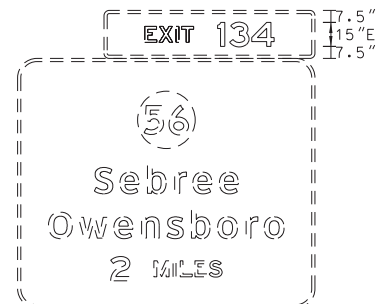
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-32	ROAD & MILE POINT	I-69; 126.79	SUPPORT TYPE *A*				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	9'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	5'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	47.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 6' RIGHT		
BORDER WIDTH	1.75"	BEAM SIZE	W8 X 18					
BORDER RADII	8"	BEAM/POST LENGTH	1. = 22.5'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 25.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	1056+03.74	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 2.5'	2.54 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 7'						



FONT:
(1) ClearviewHwy-5-W

MODIFY PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-33	ROAD & MILE POINT	I-69; 132.22	SUPPORT TYPE				
QUANTITY	1	TRAFFIC DIRECTION	NB	'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
WIDTH		SIDE OF ROAD	RT	HORIZONTAL CLEARANCE		' LEFT ' RIGHT		
HEIGHT		MOUNTING STYLE	BEAMS					
AREA (Sq. Ft.)		BEAM MATERIAL						
BORDER WIDTH		BEAM SIZE						
BORDER RADIUS		BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR		BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	1343+73.98	BEAM/POST LENGTH	4. =					
PANEL MATERIAL		CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

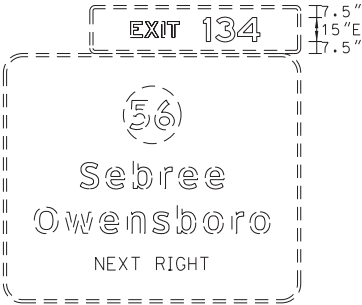


PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS/ WEBSTER	2-232

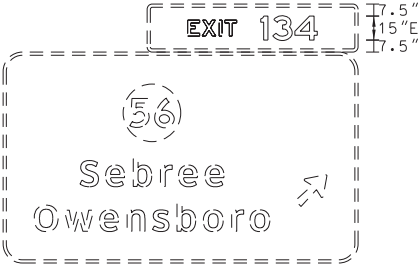
MODIFY PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-34	ROAD & MILE POINT	I-69; 134.03	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH		SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT		MOUNTING STYLE	EX. BEAMS		' RIGHT				
AREA (Sq. Ft.)		BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII		BEAM/POST LENGTH	1. =						
PANEL COLOR		BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White	BEAM/POST LENGTH	3. =						
STATIONS(S)	I438+90.89	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



MODIFY PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

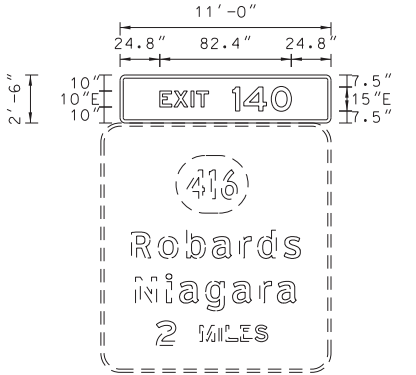
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-35	ROAD & MILE POINT	I-69; 134.29	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH		SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT		MOUNTING STYLE	BEAMS		' RIGHT				
AREA (Sq. Ft.)		BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII		BEAM/POST LENGTH	1. =						
PANEL COLOR		BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White	BEAM/POST LENGTH	3. =						
STATIONS(S)	I452+87.27	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



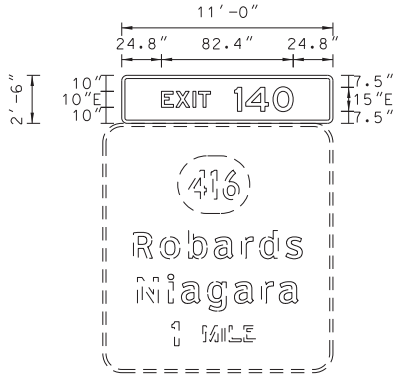
121CR15D007-NHPP

COUNTY OF	ITEM NO.
WEBSTER/ HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-36	ROAD & MILE POINT	I-69; 137.90	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH	11'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	2'-6"	MOUNTING STYLE	BEAMS		' RIGHT				
AREA (Sq. Ft.)	27.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII	3.25"	BEAM/POST LENGTH	1. =						
PANEL COLOR	Green	BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1642+66.59	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							

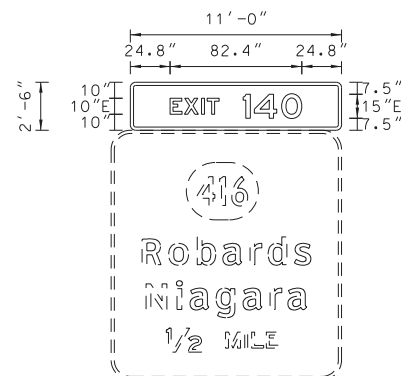


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-37	ROAD & MILE POINT	I-69; 138.90	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH	11'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	2'-6"	MOUNTING STYLE	BEAMS		' RIGHT				
AREA (Sq. Ft.)	27.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII	3.25"	BEAM/POST LENGTH	1. =						
PANEL COLOR	Green	BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1696+97.02	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							

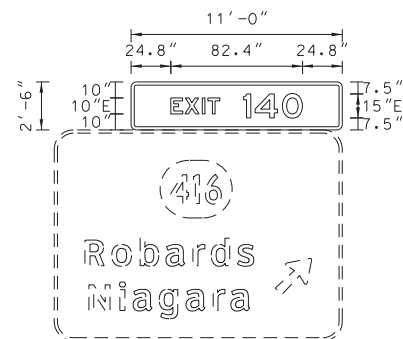


COUNTY OF	ITEM NO.
HENDERSON	2-232

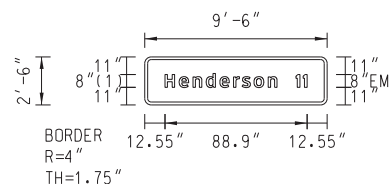
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE																													
SIGN NUMBER	P-38	ROAD & MILE POINT	I-69; 139.41	SUPPORT TYPE																													
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY																													
WIDTH	11' - 0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE		' LEFT ' RIGHT																											
HEIGHT	2' - 6"	MOUNTING STYLE	BEAMS																														
AREA (Sq. Ft.)	27.5 Sq.Ft.	BEAM MATERIAL		<table><tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WIDTH</th><th>HEIGHT</th></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>					SYMBOL	X	Y	WIDTH	HEIGHT																				
SYMBOL	X	Y	WIDTH						HEIGHT																								
BORDER WIDTH		BEAM SIZE																															
BORDER RADIUS	3.25"	BEAM/POST LENGTH	1. =																														
PANEL COLOR	Green	BEAM/POST LENGTH	2. =																														
LEGEND/BORDER COLOR	White/Black/White	BEAM/POST LENGTH	3. =																														
STATIONS(S)	1723+89.82	BEAM/POST LENGTH	4. =																														
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.																														
LEGEND MATERIAL	Reflective	CONC 'b' =																															



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-39	ROAD & MILE POINT	I-69; I39.76	SUPPORT TYPE				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY				
WIDTH	11'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE		' LEFT ' RIGHT		
HEIGHT	2'-6"	MOUNTING STYLE	BEAMS					
AREA (Sq. Ft.)	27.5 Sq.Ft.	BEAM MATERIAL		SYMBOL		X	Y	WIDTH
BORDER WIDTH		BEAM SIZE						
BORDER RADIUS	3.25"	BEAM/POST LENGTH	1. =	Cu. Yds.				
PANEL COLOR	Green	BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	I74I+99.72	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =						
LEGEND MATERIAL	Reflective	CONC 'b' =						



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-40	ROAD & MILE POINT	I-69; 140.90	SUPPORT TYPE "A"				
QUANTITY	1	TRAFFIC DIRECTION	NB	"A" = FIXED BEAMS				
WIDTH	9' –6"	SIDE OF ROAD	RT	"B" = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	2' –6"	MOUNTING STYLE	BEAMS	"C" = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	23.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	1.75"	BEAM SIZE	W6 X 9					
BORDER RADI	4"	BEAM/POST LENGTH	1. = 17'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 19.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	1802+35.74	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 2'	1.16 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 5'						

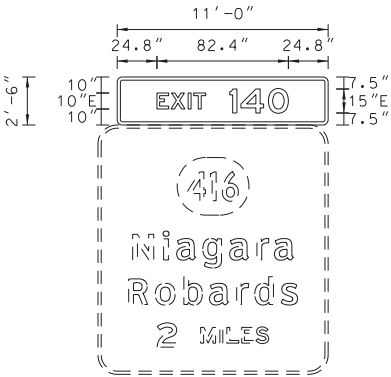


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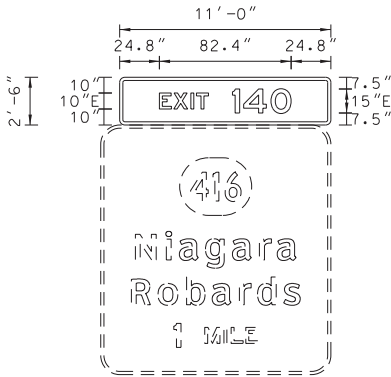
PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HENDERSON	2-232

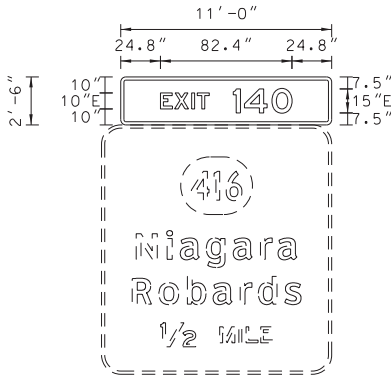
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-41	ROAD & MILE POINT	1-69; 142.31	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH	11'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	2'-6"	MOUNTING STYLE	BEAMS		' RIGHT				
AREA (Sq. Ft.)	27.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII	3.25"	BEAM/POST LENGTH	1. =						
PANEL COLOR	Green	BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1872+14.56	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-42	ROAD & MILE POINT	1-69; 141.50	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH	11'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	2'-6"	MOUNTING STYLE	BEAMS		' RIGHT				
AREA (Sq. Ft.)	27.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII	3.25"	BEAM/POST LENGTH	1. =						
PANEL COLOR	Green	BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1834+12.96	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



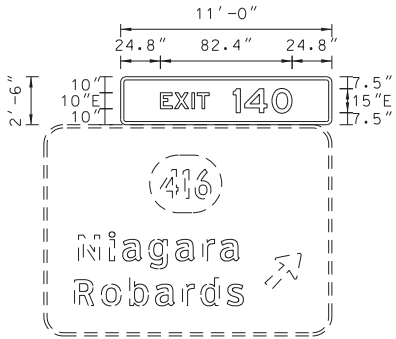
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-43	ROAD & MILE POINT	1-69; 140.81	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH	11'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	2'-6"	MOUNTING STYLE	BEAMS		' RIGHT				
AREA (Sq. Ft.)	27.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII	3.25"	BEAM/POST LENGTH	1. =						
PANEL COLOR	Green	BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1797+70.18	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



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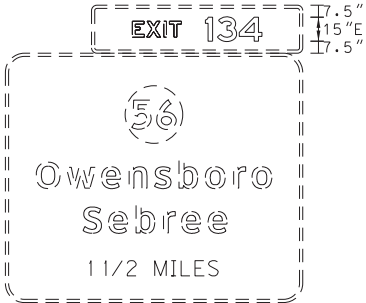
COUNTY OF	ITEM NO.
WEBSTER/ HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-44	ROAD & MILE POINT	1-69; 140.55	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH	11'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	2'-6"	MOUNTING STYLE	BEAMS		' RIGHT				
AREA (Sq. Ft.)	27.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII	3.25"	BEAM/POST LENGTH	1. =						
PANEL COLOR	Green	BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1785+56.51	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



MODIFY PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-45	ROAD & MILE POINT	1-69; 136.71	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH		SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT		MOUNTING STYLE	BEAMS		' RIGHT				
AREA (Sq. Ft.)		BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII		BEAM/POST LENGTH	1. =						
PANEL COLOR		BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1583+60.17	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-46	ROAD & MILE POINT		SUPPORT TYPE					
QUANTITY		TRAFFIC DIRECTION		*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH		SIDE OF ROAD		HORIZONTAL CLEARANCE	' LEFT				
HEIGHT		MOUNTING STYLE			' RIGHT				
AREA (Sq. Ft.)		BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII		BEAM/POST LENGTH	1. =						
PANEL COLOR		BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =						
STATIONS(S)		BEAM/POST LENGTH	4. =						
PANEL MATERIAL		CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL		CONC 'b' =							

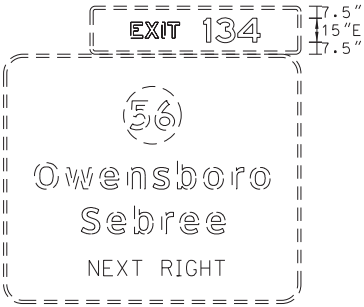
NOT USED

PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
WEBSTER	2-232

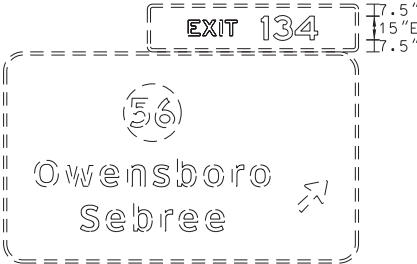
MODIFY PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-47	ROAD & MILE POINT	1-69; 135.02	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH		SIDE OF ROAD	RT	HORIZONTAL CLEARANCE		' LEFT			
HEIGHT		MOUNTING STYLE	BEAMS			' RIGHT			
AREA (Sq. Ft.)		BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII		BEAM/POST LENGTH	1. =						
PANEL COLOR		BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1490+14.57	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



MODIFY PANEL SIGN
REMOVE NUMBER '63'
REPLACE WITH NUMBER '134'

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-48	ROAD & MILE POINT	1-69; 134.58	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH		SIDE OF ROAD	RT	HORIZONTAL CLEARANCE		' LEFT			
HEIGHT		MOUNTING STYLE	BEAMS			' RIGHT			
AREA (Sq. Ft.)		BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII		BEAM/POST LENGTH	1. =						
PANEL COLOR		BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1466+57.77	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							

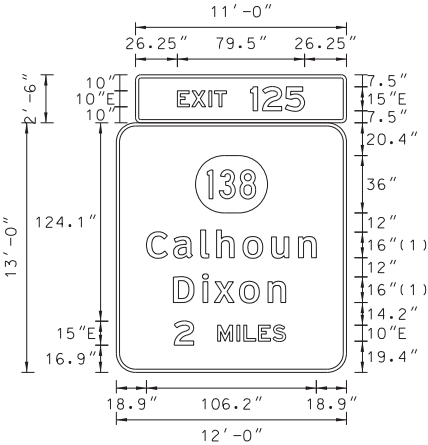


NOT USED

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-49	ROAD & MILE POINT		SUPPORT TYPE					
QUANTITY		TRAFFIC DIRECTION		*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH		SIDE OF ROAD		HORIZONTAL CLEARANCE		' LEFT			
HEIGHT		MOUNTING STYLE				6' RIGHT			
AREA (Sq. Ft.)		BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH		BEAM SIZE							
BORDER RADII		BEAM/POST LENGTH	1. =						
PANEL COLOR		BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =						
STATIONS(S)		BEAM/POST LENGTH	4. =						
PANEL MATERIAL		CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL		CONC 'b' =							

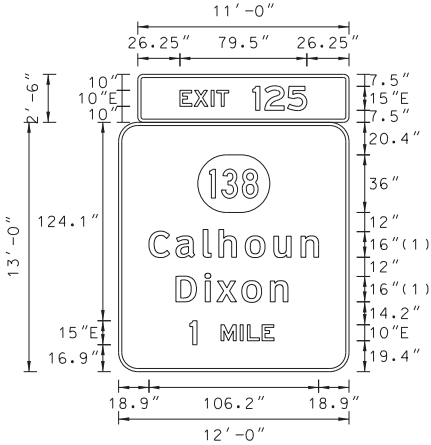
COUNTY OF	ITEM NO.
HOPKINS/ WEBSTER	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-50	ROAD & MILE POINT	1-69; 127.79	SUPPORT TYPE "A"					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	12'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	183.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W12 X 26			6' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. = 32.5'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 36'		KY_3	49.5	99.6	45	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATION(S)	1109+71.05	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'							



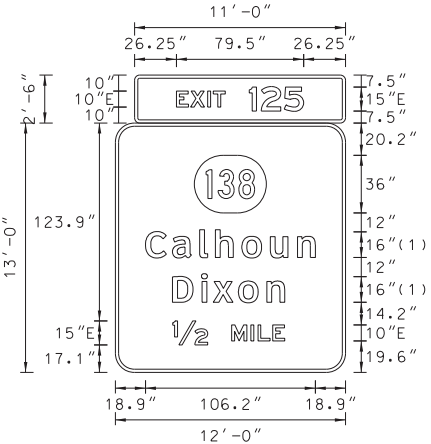
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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-51	ROAD & MILE POINT	1-69; 127.05	SUPPORT TYPE "C"				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS				
WIDTH	12' -0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	13' -0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	183.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W10 X 22			18' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. = 22.5'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 20'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	1070+32.57	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'						



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-52	ROAD & MILE POINT	1-69; 126.59	SUPPORT TYPE 'A'					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	12' - 0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	13' - 0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	183.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W10 X 22			12' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. = 33'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 33'		KY_3	49.5	99.9	45	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1046+84.43	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'							



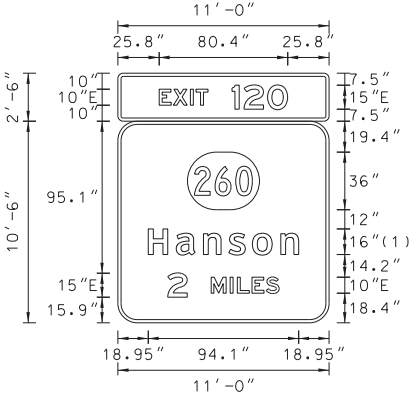
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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS	2-232

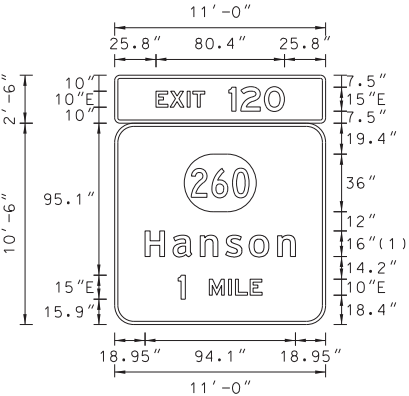
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-56 *	ROAD & MILE POINT	I-69; 123.05	SUPPORT TYPE *C*				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS				
WIDTH	11'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	10'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	143.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 18' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W10 X 26					
BORDER RADI	12"	BEAM/POST LENGTH	1. = 23'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 24'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	859+57.17	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'						



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(1) ClearviewHwy-5-W

* COPY OF P-21

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-57 *	ROAD & MILE POINT	I-69; 122.07	SUPPORT TYPE "A"				
QUANTITY	1	TRAFFIC DIRECTION	SB	"A" = FIXED BEAMS				
WIDTH	11'-0"	SIDE OF ROAD	RT	"B" = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	10'-6"	MOUNTING STYLE	BEAMS	"C" = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	143.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W10 X 26			6' RIGHT		
BORDER RADI	12"	BEAM/POST LENGTH	1. = 29'	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 32'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATION(S)	808+04.43	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'						



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(1) ClearviewHwy-5-W

* COPY OF P-22

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE						
SIGN NUMBER	P-58 *	ROAD & MILE POINT	I-69; 121.73	SUPPORT TYPE "C"						
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS						
WIDTH	19'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS						
HEIGHT	9'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY						
AREA (Sq. Ft.)	180.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 18' RIGHT				
BORDER WIDTH	2"	BEAM SIZE	W10 X 22							
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 19.5'	4.18	Cu. Yds.	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green/Brown**	BEAM/POST LENGTH	2. = 14'							
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =							
STATION(S)	789+78.42	BEAM/POST LENGTH	4. =							
PANEL MATERIAL	Reflective	CONC 'a' = 3'								
LEGEND MATERIAL	Reflective	CONC 'b' = 8'								



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(1) ClearviewHwy-5-W

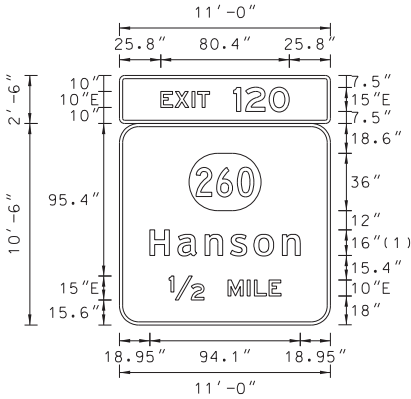
** TOP PORTION OF SIGN IS GREEN
BOTTOM PORTION OF SIGN IS BROWN

PANEL SIGN
DETAIL SHEET

* COPY OF P-23

COUNTY OF	ITEM NO.
HOPKINS	2-232

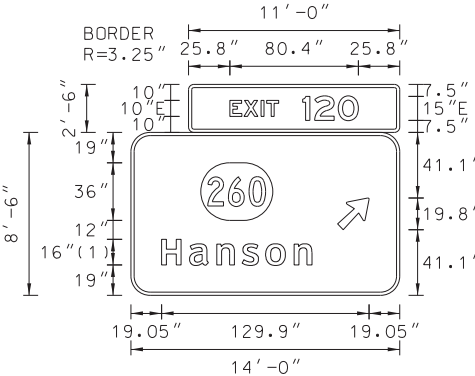
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-59 *	ROAD & MILE POINT	I-69; 121.57	SUPPORT TYPE "C"					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A" = FIXED BEAMS					
WIDTH	11'-0"	SIDE OF ROAD	RT	*B" = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	10'-6"	MOUNTING STYLE	BEAMS	*C" = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	143.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W10 X 22			18" RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. = 23'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 24'	KY_3	43.5	71.4	45	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	78I+27.66	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'							



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(1) ClearviewHwy-5-W

* COPY OF P-24

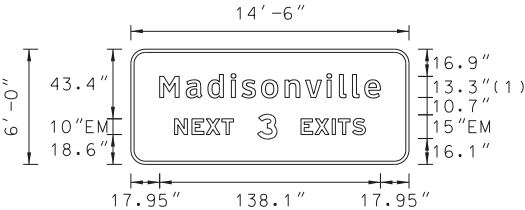
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-60 *	ROAD & MILE POINT	I-69; 121.06	SUPPORT TYPE "C"					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A" = FIXED BEAMS					
WIDTH	14'-0"	SIDE OF ROAD	RT	*B" = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	8'-6"	MOUNTING STYLE	BEAMS	*C" = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	146.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W8 X 21			18" RIGHT			
BORDER RADII	9"	BEAM/POST LENGTH	1. = 19'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 20.5'	KY_3	43.6	47	45	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	AR_Type A	129.1	41.1	16	25.2	
STATIONS(S)	754+73.97	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 2.5'	2.54 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 7'							



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(1) ClearviewHwy-5-W

* COPY OF P-25

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-61	ROAD & MILE POINT	I-69; 118.42	SUPPORT TYPE "C"					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A" = FIXED BEAMS					
WIDTH	14'-6"	SIDE OF ROAD	RT	*B" = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	6'-0"	MOUNTING STYLE	BEAMS	*C" = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	87.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W10 X 22			18" RIGHT			
BORDER RADII	9"	BEAM/POST LENGTH	1. = 18.5'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 20.5'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	614+18.96	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'							

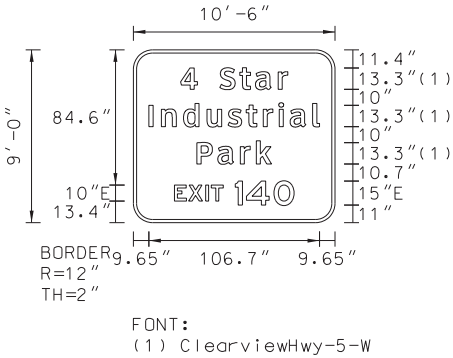


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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS/ HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-62	ROAD & MILE POINT	1-69; 141.33	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	10'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	9'-0"	MOUNTING STYLE	EX. BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	94.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH	2"	BEAM SIZE			' RIGHT				
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	1825+15.36	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-63	ROAD & MILE POINT	1-69; 117.57	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	15'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	10'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH	0"	BEAM SIZE	W8 X 18		' RIGHT				
BORDER RADII	0"	BEAM/POST LENGTH	1. = 19.5'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Blue	BEAM/POST LENGTH	2. = 17.5'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	569+31.93	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 2.5'	2.54 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 7'							

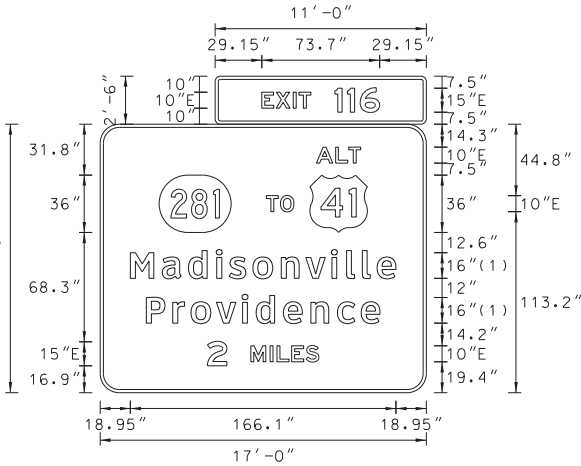
EXISTING 15' X 10'
FOOD - EXIT 44
(BLUE SIGN)

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-64	ROAD & MILE POINT	1-69; 117.42	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	15'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	12'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH	0"	BEAM SIZE	W12 X 26		' RIGHT				
BORDER RADII	0"	BEAM/POST LENGTH	1. = 31.5'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Blue	BEAM/POST LENGTH	2. = 36'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	561+36.01	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'							

EXISTING 15' X 12'
GAS - EXIT 44
LODGING - EXIT 44
(BLUE SIGN)

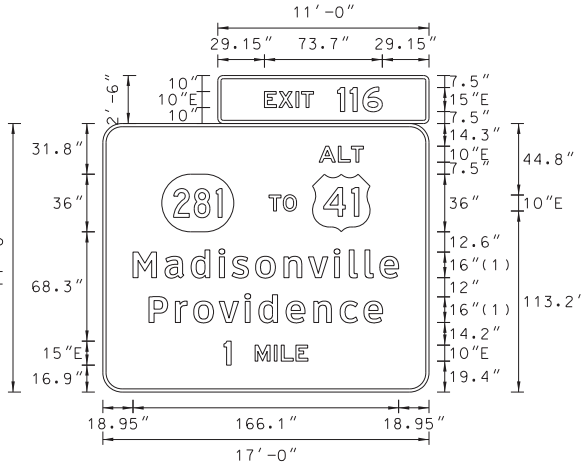
COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-65	ROAD & MILE POINT	I-69; 118.25	SUPPORT TYPE 'C'	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	17'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	14'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	265.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W14 X 30		18' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 24.5'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 26'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	KY_3	36.9
STATIONS(S)	604+98.86	BEAM/POST LENGTH	4. =	M1_4	131.2
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.72 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 9'			



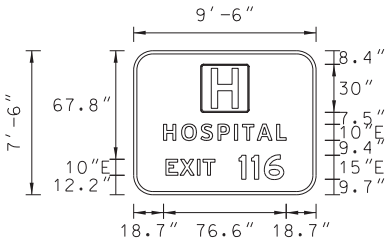
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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-66	ROAD & MILE POINT	I-69; 117.28	SUPPORT TYPE 'A'	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	17'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	14'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	265.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W14 X 30		6' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 34.5'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 37.5'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	KY_3	36.9
STATIONS(S)	553+59.41	BEAM/POST LENGTH	4. =	M1_4	131.2
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.72 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 9'			



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(1) ClearviewHwy-5-W

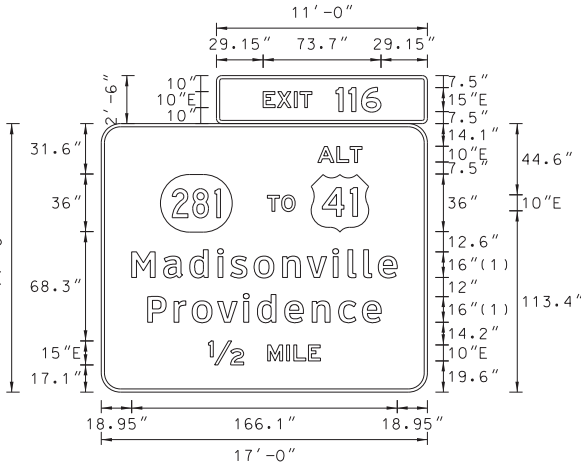
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-67	ROAD & MILE POINT	I-69; 116.97	SUPPORT TYPE 'C'	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	9'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	7'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	71.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W10 X 26		18' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 19'	SYMBOL	X
PANEL COLOR	Blue	BEAM/POST LENGTH	2. = 15.5'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	KY_3	42
STATIONS(S)	537+24.67	BEAM/POST LENGTH	4. =		54
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.		30
LEGEND MATERIAL	Reflective	CONC 'b' = 8'			30



PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS	2-232

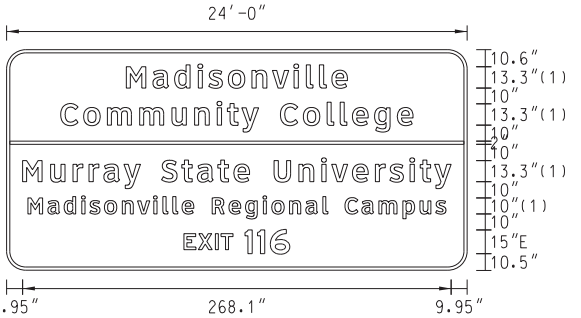
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-68	ROAD & MILE POINT	I-69; 116.82	SUPPORT TYPE "C"	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	17'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	14'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	265.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W12 X 26		18' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. = 24'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 22'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	KY_3	36.9
STATIONS(S)	528+77.15	BEAM/POST LENGTH	4. =	M1_4	131.2
PANEL MATERIAL	Reflective	CONC 'a' = 3'			
LEGEND MATERIAL	Reflective	CONC 'b' = 8'	4.18 Cu. Yds.		



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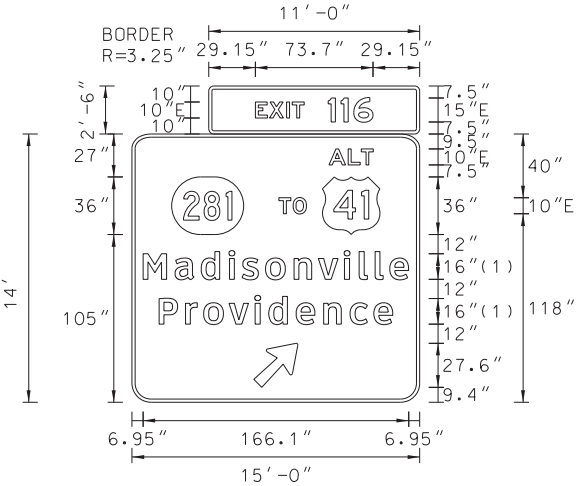
• COPY OF P-11

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-69 *	ROAD & MILE POINT	I-69; 117.12	SUPPORT TYPE "C"	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	24'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	11'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	276.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W14 X 30		18' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. = 26'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 22.5'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 19'		
STATIONS(S)	545+51.57	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 3'			
LEGEND MATERIAL	Reflective	CONC 'b' = 9'	7.08 Cu. Yds.		



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-70	ROAD & MILE POINT	I-69; 116.31	SUPPORT TYPE	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	15'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	14'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	237.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE			' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. =		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	KY_3	24.9
STATIONS(S)	502+05.97	BEAM/POST LENGTH	4. =	M1_4	119.2
PANEL MATERIAL	Reflective	CONC 'a' =		AR_Type A	76.2
LEGEND MATERIAL	Reflective	CONC 'b' =	Cu. Yds.		



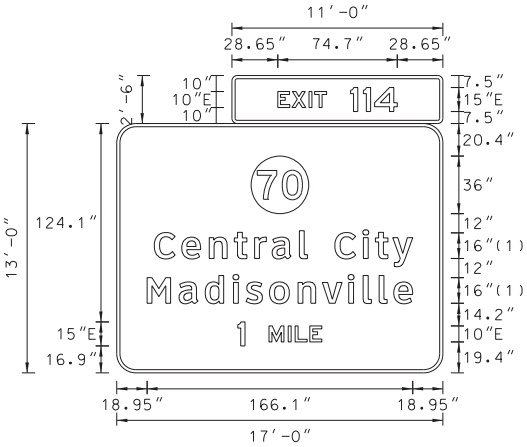
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PANEL SIGN
DETAIL SHEET

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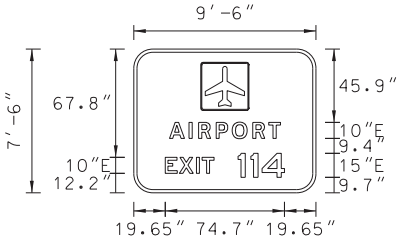
COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-71	ROAD & MILE POINT	I-69; 115.37	SUPPORT TYPE "A"	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	17'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	248.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W14 X 30		6' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 33.5'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 36.5'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 40.5'		WIDTH
STATION(S)	452+74.84	BEAM/POST LENGTH	4. =		HEIGHT
PANEL MATERIAL	Reflective	CONC 'a' = 3'			
LEGEND MATERIAL	Reflective	CONC 'b' = 9'	7.08 Cu. Yds.		

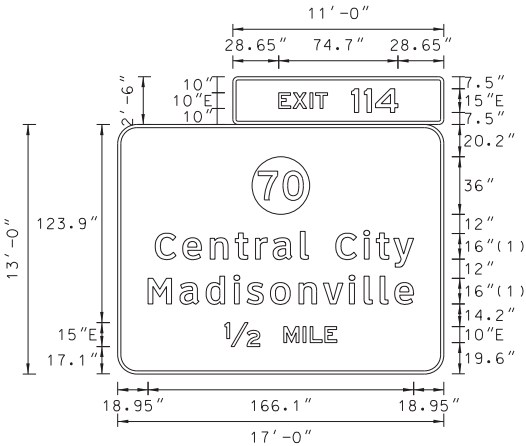


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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-72	ROAD & MILE POINT	I-69; 115.19	SUPPORT TYPE "A"	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	9'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	7'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	71.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W10 X 22		6' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 27'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 31'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		WIDTH
STATION(S)	443+17.08	BEAM/POST LENGTH	4. =		HEIGHT
PANEL MATERIAL	Reflective	CONC 'a' = 3'			
LEGEND MATERIAL	Reflective	CONC 'b' = 8'	4.18 Cu. Yds.		



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-73	ROAD & MILE POINT	I-69; 114.98	SUPPORT TYPE "C"	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	17'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	248.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W10 X 26		18' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 22'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 22'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		WIDTH
STATION(S)	431+69.44	BEAM/POST LENGTH	4. =		HEIGHT
PANEL MATERIAL	Reflective	CONC 'a' = 3'			
LEGEND MATERIAL	Reflective	CONC 'b' = 8'	4.18 Cu. Yds.		

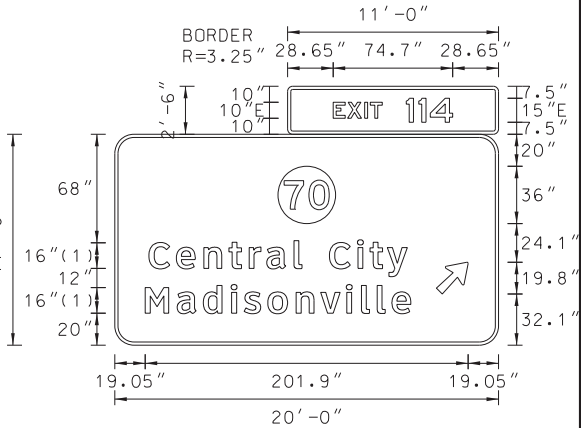


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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-74	ROAD & MILE POINT	1-69; 114.53	SUPPORT TYPE	'C'
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS *B' = STANDARD BREAK-A-WAY BEAMS *C' = OMNI-DIRECTIONAL BREAK-A-WAY	
WIDTH	20'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT
HEIGHT	11'-0"	MOUNTING STYLE	BEAMS		18' RIGHT
AREA (Sq. Ft.)	247.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X
BORDER WIDTH	2"	BEAM SIZE	W10 X 26		
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 20'	Y	WIDTH
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 19.5'	HEIGHT	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		
STATION(S)	408+22.26	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 8'			

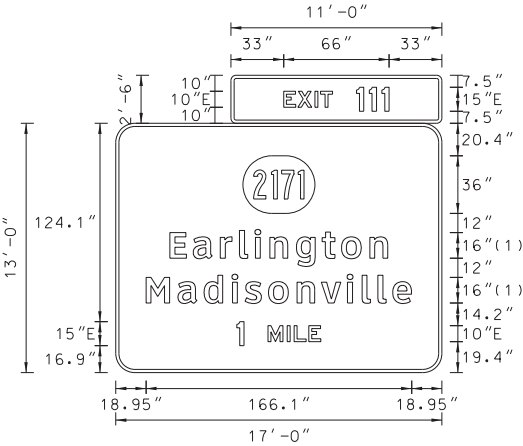


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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-75	ROAD & MILE POINT		SUPPORT TYPE	
QUANTITY		TRAFFIC DIRECTION		*A' = FIXED BEAMS *B' = STANDARD BREAK-A-WAY BEAMS *C' = OMNI-DIRECTIONAL BREAK-A-WAY	
WIDTH		SIDE OF ROAD		HORIZONTAL CLEARANCE	' LEFT
HEIGHT		MOUNTING STYLE			' RIGHT
AREA (Sq. Ft.)		BEAM MATERIAL		SYMBOL	X
BORDER WIDTH		BEAM SIZE			
BORDER RADIUS		BEAM/POST LENGTH	1. =	Y	WIDTH
PANEL COLOR		BEAM/POST LENGTH	2. =	HEIGHT	
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =		
STATION(S)		BEAM/POST LENGTH	4. =		
PANEL MATERIAL		CONC 'a' =	Cu. Yds.		
LEGEND MATERIAL		CONC 'b' =			

NOT USED

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-77 *	ROAD & MILE POINT	1-69; 113.34	SUPPORT TYPE	'C'
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS *B' = STANDARD BREAK-A-WAY BEAMS *C' = OMNI-DIRECTIONAL BREAK-A-WAY	
WIDTH	17'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS		18' RIGHT
AREA (Sq. Ft.)	248.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X
BORDER WIDTH	2"	BEAM SIZE	W14 X 30		
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 25'	Y	WIDTH
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 25.5'	HEIGHT	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		
STATION(S)	344+42.33	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.72 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 9'			



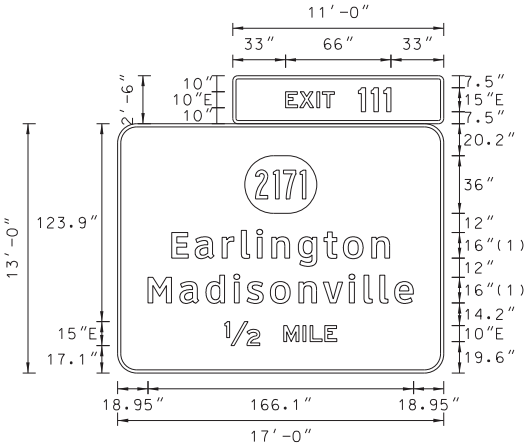
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COUNTY OF	ITEM NO.
HOPKINS	2-232

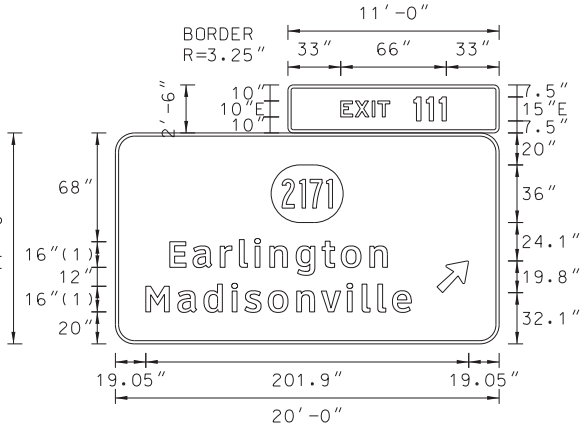
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-78 *	ROAD & MILE POINT	I-69; 112.70	SUPPORT TYPE 'A'	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS	
WIDTH	17'-0"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	248.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W12 X 26		6' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. = 31'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 33'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 33.5'		WIDTH
STATIONS(S)	310+80.62	BEAM/POST LENGTH	4. =		HEIGHT
PANEL MATERIAL	Reflective	CONC 'a' = 3'			
LEGEND MATERIAL	Reflective	CONC 'b' = 8'	6.27 Cu. Yds.		



* COPY OF P-4

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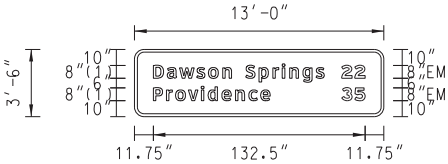
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-79 *	ROAD & MILE POINT	I-69; 112.21	SUPPORT TYPE 'C'	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS	
WIDTH	20'-0"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	11'-0"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	247.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W10 X 26		' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. = 20'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 18.5'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		WIDTH
STATIONS(S)	284+69.65	BEAM/POST LENGTH	4. =		HEIGHT
PANEL MATERIAL	Reflective	CONC 'a' = 3'			
LEGEND MATERIAL	Reflective	CONC 'b' = 8'	4.18 Cu. Yds.		



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-80	ROAD & MILE POINT	I-69; 111.34	SUPPORT TYPE 'C'	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS	
WIDTH	13'-0"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	3'-6"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	45.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	1.75"	BEAM SIZE	W8 X 18		18' RIGHT
BORDER RADII	6"	BEAM/POST LENGTH	1. = 17.5'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 18.5'		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		WIDTH
STATIONS(S)	239+77.37	BEAM/POST LENGTH	4. =		HEIGHT
PANEL MATERIAL	Reflective	CONC 'a' = 2.5'			
LEGEND MATERIAL	Reflective	CONC 'b' = 7'	2.54 Cu. Yds.		

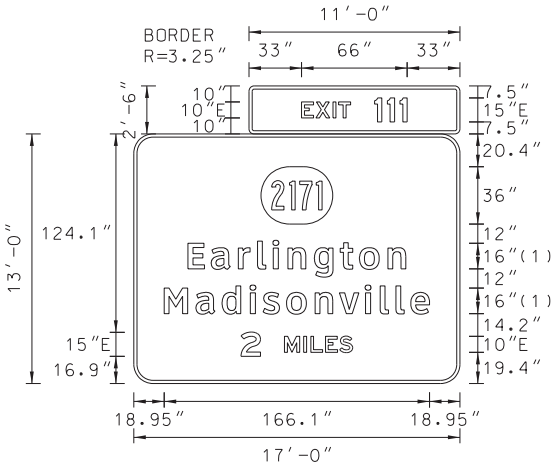


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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HOPKINS	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-81	ROAD & MILE POINT	1-69; 109.70	SUPPORT TYPE "C"	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY	
WIDTH	17'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS		18' RIGHT
AREA (Sq. Ft.)	248.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X
BORDER WIDTH	2"	BEAM SIZE	W10 X 22		Y
BORDER RADII	12"	BEAM/POST LENGTH	1. = 20'		WIDTH
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 19.5'		HEIGHT
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		
STATION(S)	151+74.62	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 8'			



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-82	ROAD & MILE POINT	1-69; 113.43	SUPPORT TYPE "C"	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY	
WIDTH	15'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT
HEIGHT	10'-0"	MOUNTING STYLE	BEAMS		18' RIGHT
AREA (Sq. Ft.)	0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X
BORDER WIDTH	0"	BEAM SIZE	W10 X 22		Y
BORDER RADII	0"	BEAM/POST LENGTH	1. = 21'		WIDTH
PANEL COLOR	Blue	BEAM/POST LENGTH	2. = 19'		HEIGHT
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		
STATION(S)	349+55.00	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 8'			

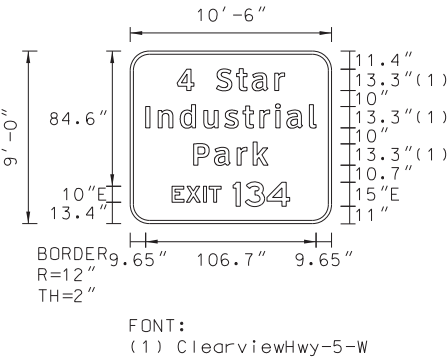
EXISTING 15' X 10'
EXIT 42
LODGING/GAS
(BLUE SIGN)

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-83	ROAD & MILE POINT	1-69; 113.80	SUPPORT TYPE "C"	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY	
WIDTH	15'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT
HEIGHT	10'-0"	MOUNTING STYLE	BEAMS		18' RIGHT
AREA (Sq. Ft.)	0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X
BORDER WIDTH	0"	BEAM SIZE	W8 X 21		Y
BORDER RADII	0"	BEAM/POST LENGTH	1. = 20'		WIDTH
PANEL COLOR	Blue	BEAM/POST LENGTH	2. = 19.5'		HEIGHT
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		
STATION(S)	368+82.37	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 2.5'	2.54 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 7'			

EXISTING 15' X 10'
FOOD - EXIT 42
(BLUE SIGN)

COUNTY OF	ITEM NO.
HOPKINS/ WEBSTER	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-84	ROAD & MILE POINT	I-69; 133.86	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS					
WIDTH	10'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	9'-0"	MOUNTING STYLE	EX. BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	94.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				18' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	I430+27.99	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



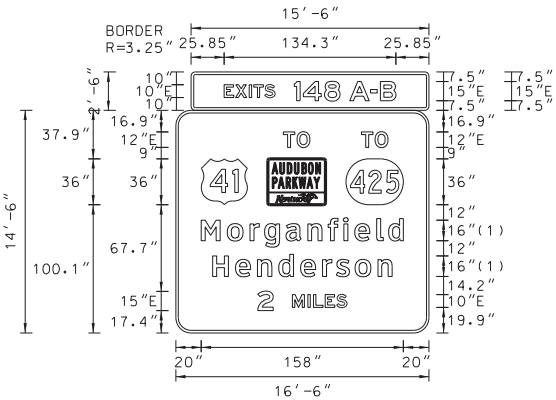
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-85	ROAD & MILE POINT	I-69; 114.84	SUPPORT TYPE					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	15'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	10'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	0"	BEAM SIZE	W10 X 22			22' RIGHT			
BORDER RADII	0"	BEAM/POST LENGTH	1. = 21.5'	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Blue	BEAM/POST LENGTH	2. = 21.5'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	424+29.86	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'							

EXISTING 15' X 10'
EXIT 42
LODGING/GAS
(BLUE SIGN)

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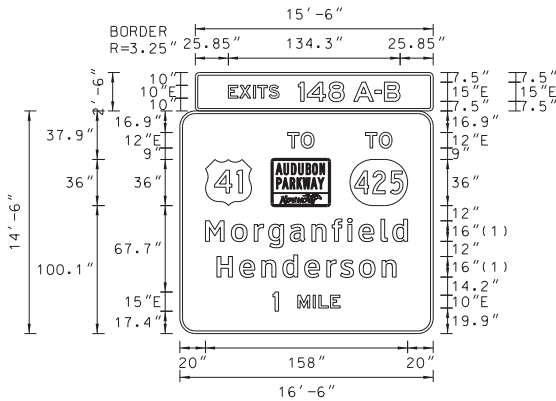
COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-201	ROAD & MILE POINT	1-69; 146.07	SUPPORT TYPE: 'C'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS				
WIDTH	16'-6"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	14'-6"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	278.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W10 X 26			18' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. = 23.5	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 22.5	AU PKWY	72	100.1	45	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_4	20	100.1	36	36
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	KY_3	133	100.1	45	36
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"						



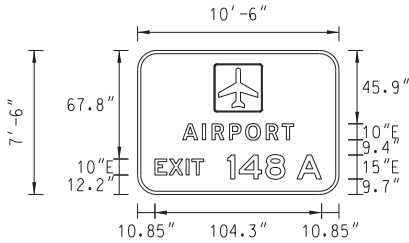
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-202	ROAD & MILE POINT	1-69; 146.89	SUPPORT TYPE: 'A'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS				
WIDTH	16'-6"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	14'-6"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	278.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W10 X 26			6' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. = 32.5	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 33.5	AU PKWY	72	100.1	45	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_4	20	100.1	36	36
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	KY_3	133	100.1	45	36
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"						



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(1) ClearviewHwy-5-W

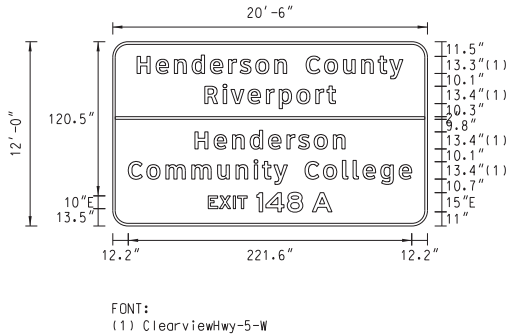
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-203	ROAD & MILE POINT	1-69; 147.21	SUPPORT TYPE: 'A'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS				
WIDTH	10'-6"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	7'-6"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	78.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W8 X 18			6' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. = 24.5	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 26.0	I-5	45	51.6	30	30
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 2'-6"	2.54 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 7'-0"						



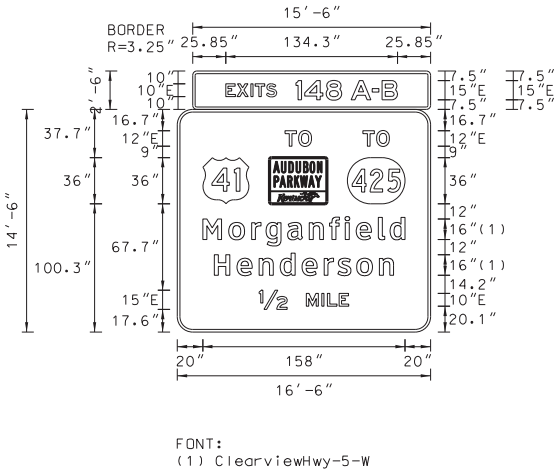
PANEL SIGN
DETAIL SHEET

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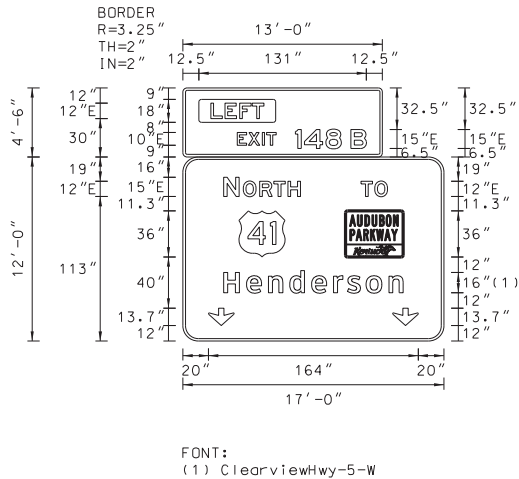
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SIGN NUMBER	P-204	ROAD & MILE POINT	1-69; 147.46	SUPPORT TYPE: 'A'				
QUANTITY	1	TRAFFIC DIRECTION	NB	'A' = FIXED BEAMS				
WIDTH	20'-6"	SIDE OF ROAD	RT	'B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	12'-0"	MOUNTING STYLE	BEAMS	'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	246.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W12 X 26			6' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. = 29.5	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 31.5					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"						



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE						
SIGN NUMBER	P-205	ROAD & MILE POINT	1-69; 147.61	SUPPORT TYPE: 'A'						
QUANTITY	1	TRAFFIC DIRECTION	NB	'A' = FIXED BEAMS						
WIDTH	16'-6"	SIDE OF ROAD	RT	'B' = STANDARD BREAK-A-WAY BEAMS						
HEIGHT	14'-6"	MOUNTING STYLE	BEAMS	'C' = OMNI-DIRECTIONAL BREAK-A-WAY						
AREA (Sq. Ft.)	278.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 6' RIGHT				
BORDER WIDTH	2"	BEAM SIZE	W12 X 26							
BORDER RADII	12"	BEAM/POST LENGTH	1. = 32.0	4.18	Cu. Yds.	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 33.5			AJ PKWY	72	100.3	45	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =			M1_4	20	100.3	36	36
STATIONS(S)	NA	BEAM/POST LENGTH	4. =			KY_3	133	100.3	45	36
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"								
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"								

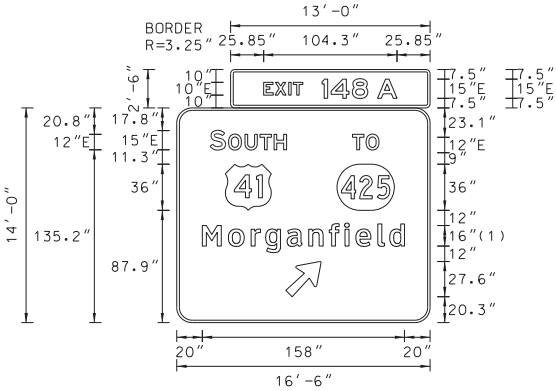


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-206	ROAD & MILE POINT	I-69; 148.06	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS				
WIDTH	17'-0"	SIDE OF ROAD	OH	*B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	12'-0"	MOUNTING STYLE	BRIDGE	*C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	262.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



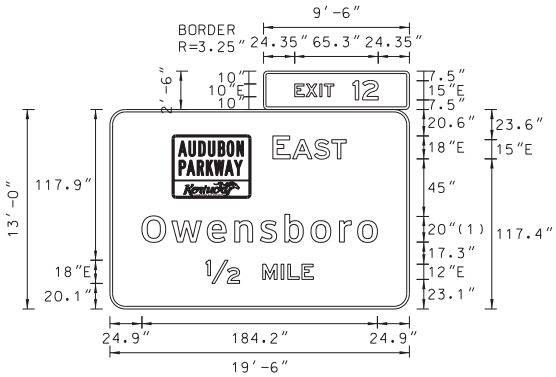
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-207	ROAD & MILE POINT	I-69; 148.06	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	16'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	14'-0"	MOUNTING STYLE	BRIDGE	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	263.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	37.9	87.9	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	KY_3	125.1	87.9	45	36
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	AR_Type A	85.2	20.3	22.2	35
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



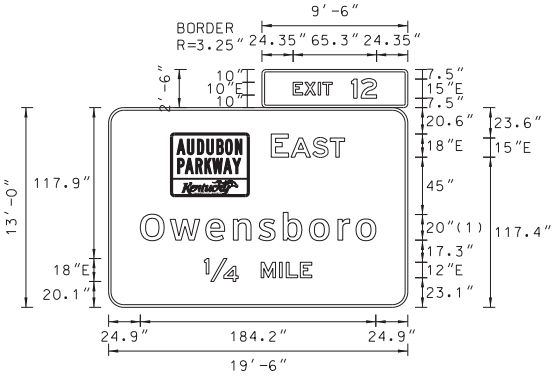
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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-208	ROAD & MILE POINT	US 41; 11.77	SUPPORT TYPE: 'A'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	19'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	277.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W14 X 30			6' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. = 32.0	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 35.0	AU PKWY	49.3	87.4	60	48
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.72 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 9'-0"						



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-209	ROAD & MILE POINT	US 41; 12.06	SUPPORT TYPE: 'C'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	19'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	277.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W10 X 22			18' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. = 20.0	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 15.5	AU PKWY	49.3	87.4	60	48
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"						

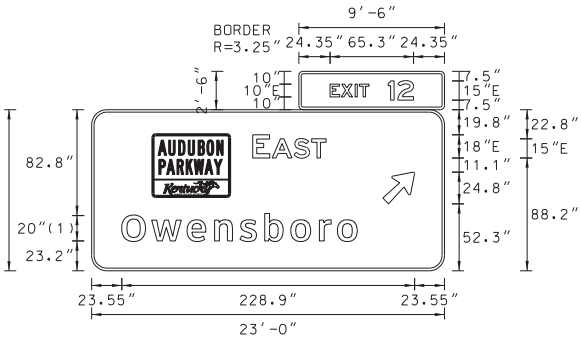


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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

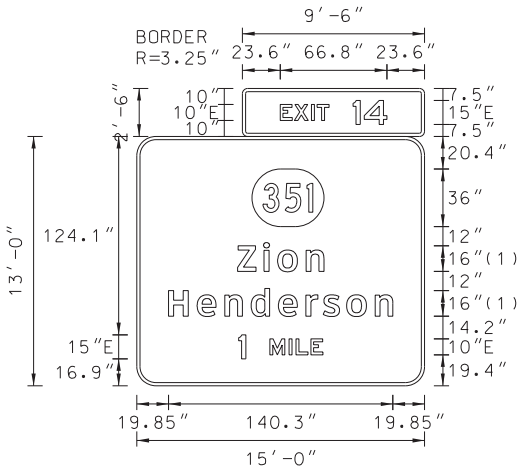
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-210	ROAD & MILE POINT	US 41; 12.33	SUPPORT TYPE: 'A'					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS					
WIDTH	23'-0"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	10'-6"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	265.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH	2"	BEAM SIZE	W10 X 22		6' RIGHT				
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 28.0	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 26.5	AU PKWY	47.9	58.3	60	48	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	AR_Type A	227.7	52.4	20	31.5	
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"							



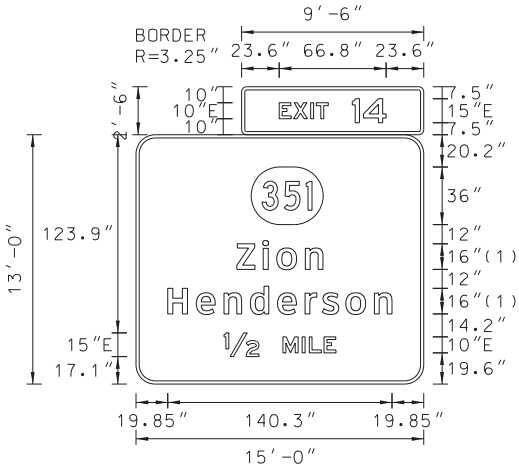
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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-211	ROAD & MILE POINT	US 41; 12.84	SUPPORT TYPE: 'A'					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS					
WIDTH	15'-0"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	218.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH	2"	BEAM SIZE	W10 X 26		6' RIGHT				
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 33.5	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 31.0	KY_3	72	99.6	45	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"							



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-212	ROAD & MILE POINT	US 41; 13.47	SUPPORT TYPE: 'C'					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS					
WIDTH	15'-0"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	218.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT				
BORDER WIDTH	2"	BEAM SIZE	W10 X 22		18' RIGHT				
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 22.5	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 22.0	KY_3	72	99.9	45	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"							



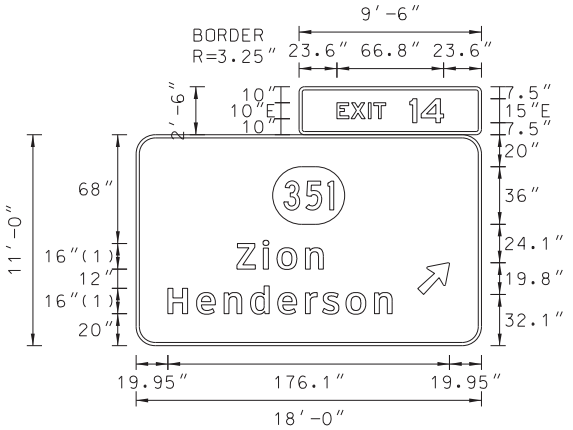
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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

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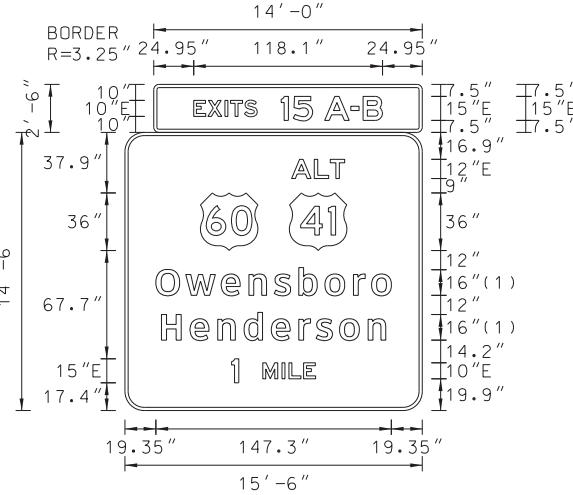
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-213	ROAD & MILE POINT	US 41; 14.06	SUPPORT TYPE: 'A'	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS	
WIDTH	18'-0"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	11'-0"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	221.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W10 X 22		6' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. = 28.0	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 29.0		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	W10	HEIGHT
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	176.2	32.1
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.	16	25.2
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"			



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-214	ROAD & MILE POINT	US 41; 14.78	SUPPORT TYPE: 'A'	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS	
WIDTH	15'-6"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	14'-6"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	259.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W14 X 30		6' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. = 34.0	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 38.0		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 42.0	M1_4	WIDTH
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	102.8	HEIGHT
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	7.08 Cu. Yds.	100.1	36
LEGEND MATERIAL	Reflective	CONC 'b' = 9'-0"		100.1	36



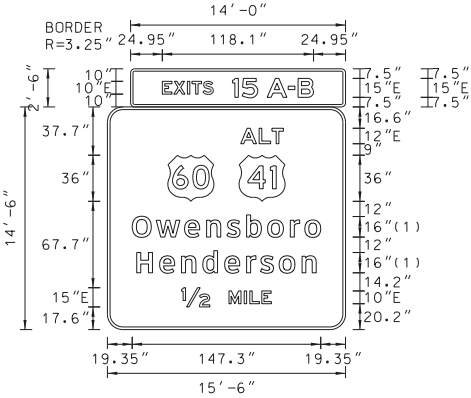
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-215	ROAD & MILE POINT	US 41; 15.08	SUPPORT TYPE: 'C'	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS	
WIDTH		SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT		MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)		BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH		BEAM SIZE	W10 X 22		18' RIGHT
BORDER RADII		BEAM/POST LENGTH	1. = 22.0	SYMBOL	X
PANEL COLOR		BEAM/POST LENGTH	2. = 20.5		Y
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =		WIDTH
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		HEIGHT
PANEL MATERIAL		CONC 'a' = 3'-0"	4.18 Cu. Yds.		
LEGEND MATERIAL		CONC 'b' = 8'-0"			

EXISTING 15' X 10'
EXIT 81A/FOOD/GAS
(BLUE SIGN)

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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-216	ROAD & MILE POINT	US 41; 15.28	SUPPORT TYPE: 'C'	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS	
WIDTH	15'-6"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	14'-6"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	259.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W18 X 35		18' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 25.5	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 28.0	M1_4	47.2
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_4	102.8
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	6.42 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 9'-0"			

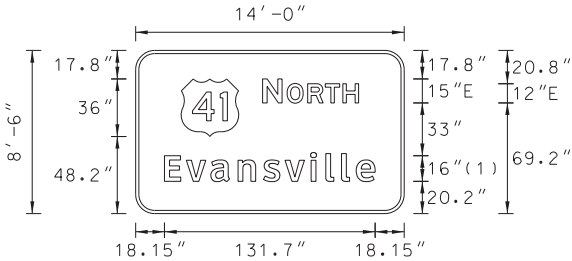


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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-217	ROAD & MILE POINT	US 41; 15.54	SUPPORT TYPE: 'C'	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS	
WIDTH		SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT		MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)		BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH		BEAM SIZE	W10 X 22		18' RIGHT
BORDER RADIUS		BEAM/POST LENGTH	1. = 22.0	SYMBOL	X
PANEL COLOR		BEAM/POST LENGTH	2. = 21.5		
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =		
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		
PANEL MATERIAL		CONC 'a' = 3'-0"	4.18 Cu. Yds.		
LEGEND MATERIAL		CONC 'b' = 8'-0"			

EXISTING 15' X 10'
EXIT 81B/FOOD/GAS
(BLUE SIGN)

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-218	ROAD & MILE POINT	US 41; 15.78	SUPPORT TYPE:	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS	
WIDTH	14'-0"	SIDE OF ROAD	OH	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	8'-6"	MOUNTING STYLE	TRUSS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	119.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE			' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. =	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	28.5
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' =			

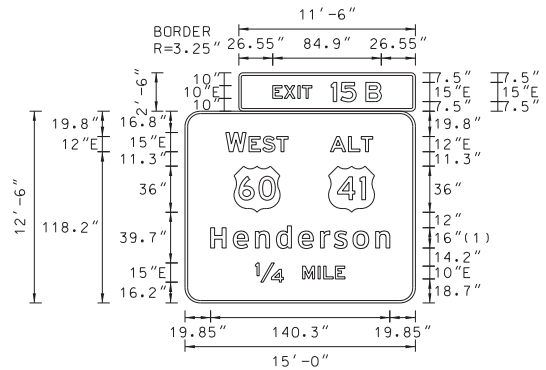


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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

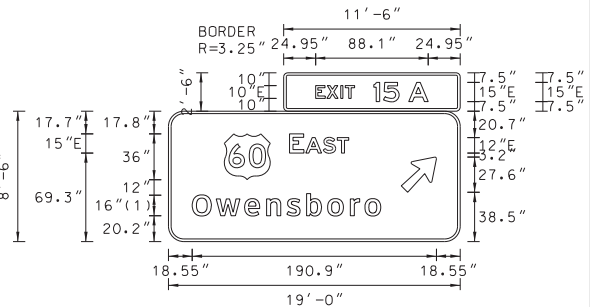
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-219	ROAD & MILE POINT	US 41; 15.78	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	NB	'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY					
WIDTH	15'-0"	SIDE OF ROAD	OH	HORIZONTAL CLEARANCE		' LEFT			
HEIGHT	12'-6"	MOUNTING STYLE	TRUSS			' RIGHT			
AREA (Sq. Ft.)	216.3 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH	2"	BEAM SIZE							
BORDER RADI	12"	BEAM/POST LENGTH	1. =						
PANEL COLOR	Green	BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATION(S)	NA	BEAM/POST LENGTH	4. =	Cu. Yds.	M1_4	38.2	71	36	36
PANEL MATERIAL	Reflective	CONC 'a' =							
LEGEND MATERIAL	Reflective	CONC 'b' =							



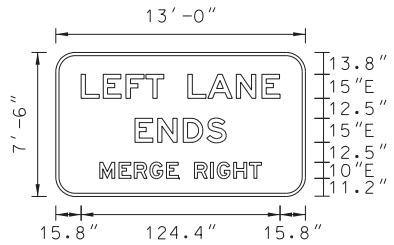
FONT:
(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-220	ROAD & MILE POINT	US 41; 15.78	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	NB	'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
WIDTH	19'-0"	SIDE OF ROAD	OH	HORIZONTAL CLEARANCE		' LEFT		
HEIGHT	8'-6"	MOUNTING STYLE	TRUSS			' RIGHT		
AREA (Sq. Ft.)	190.3 Sq.Ft.	BEAM MATERIAL						
BORDER WIDTH	2"	BEAM SIZE						
BORDER RADII	12"	BEAM/POST LENGTH	1. =	Cu. Yds.				
PANEL COLOR	Green	BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =						
LEGEND MATERIAL	Reflective	CONC 'b' =						
				SYMBOLX Y WIDTH HEIGHT				
				M1_443.548.33636				
				AR_Type A181.938.522.235				



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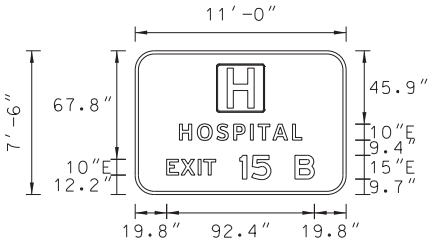
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-221	ROAD & MILE POINT	US 41; 15.89	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	NB	'A' = FIXED BEAMS 'B' = STANDARD BREAK-A-WAY BEAMS 'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
WIDTH	13'-0"	SIDE OF ROAD	OH	HORIZONTAL CLEARANCE		' LEFT		
HEIGHT	7'-6"	MOUNTING STYLE	BRIDGE			' RIGHT		
AREA (Sq. Ft.)	97.5 Sq. Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	2"	BEAM SIZE						
BORDER RADIUS	12"	BEAM/POST LENGTH	1. =					
PANEL COLOR	Yellow	BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR	Black/Black	BEAM/POST LENGTH	3. =	Cu. Yds.				
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =						
LEGEND MATERIAL	Reflective	CONC 'b' =						



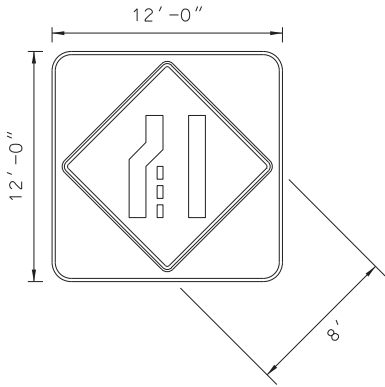
PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-222	ROAD & MILE POINT	US 41; 15.95	SUPPORT TYPE: 'A'	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS	
WIDTH	11'-0"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	7'-6"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	82.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE	W6 X 12		6' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 20.5	SYMBOL	X
PANEL COLOR	Blue	BEAM/POST LENGTH	2. = 18.0		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		WIDTH
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		HEIGHT
PANEL MATERIAL	Reflective	CONC 'a' = 2'-0"			
LEGEND MATERIAL	Reflective	CONC 'b' = 5'-0"	1.16 Cu. Yds.		

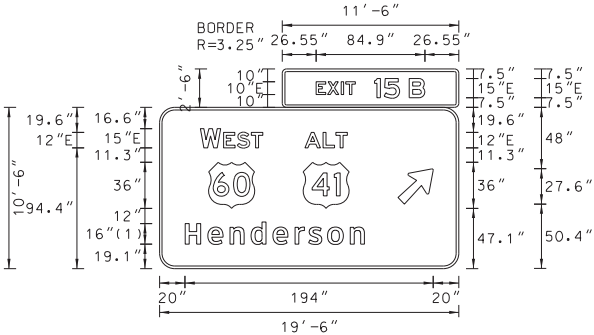


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-223	ROAD & MILE POINT	US 41; 15.99	SUPPORT TYPE:	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS	
WIDTH	12'-0"	SIDE OF ROAD	OH	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	12'-0"	MOUNTING STYLE	BRIDGE	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	144.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE			' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. =	SYMBOL	X
PANEL COLOR	Black *	BEAM/POST LENGTH	2. =		Y
LEGEND/BORDER COLOR	Black/Black *	BEAM/POST LENGTH	3. =		WIDTH
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		HEIGHT
PANEL MATERIAL	Reflective	CONC 'a' =			
LEGEND MATERIAL	Reflective	CONC 'b' =	Cu. Yds.		



* W4-2L PANEL SIGN IS YELLOW SIGN WITH BLACK SYMBOL AND BORDER

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-224	ROAD & MILE POINT	US 41; 15.99	SUPPORT TYPE:	
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED BEAMS	
WIDTH	19'-6"	SIDE OF ROAD	OH	*B' = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	10'-6"	MOUNTING STYLE	BRIDGE	*C' = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	233.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE			' RIGHT
BORDER RADIUS	12"	BEAM/POST LENGTH	1. =	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. =		Y
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		WIDTH
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		HEIGHT
PANEL MATERIAL	Reflective	CONC 'a' =			
LEGEND MATERIAL	Reflective	CONC 'b' =	Cu. Yds.		



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(1) ClearviewHwy-5-W

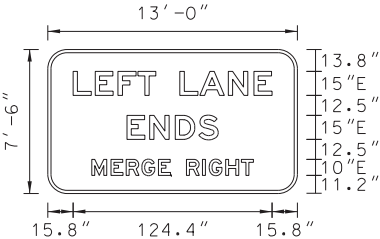
PANEL SIGN
DETAIL SHEET

121CR15D007-NHPP

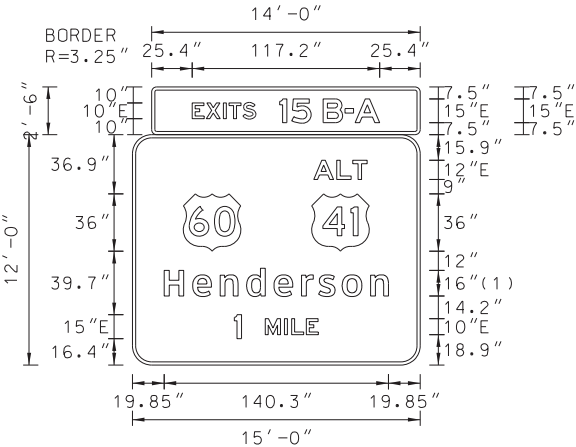
COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-225 *	ROAD & MILE POINT	US 41; 16.13	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS					
WIDTH	13'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	7'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	97.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Yellow	BEAM/POST LENGTH	2. =						
LEGEND/BORDER COLOR	Black/Black	BEAM/POST LENGTH	3. =						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							

* COPY OF P-221

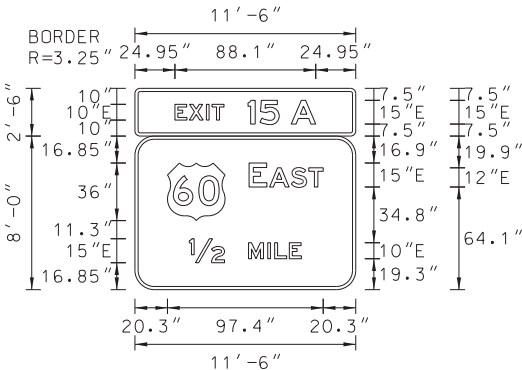


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE									
SIGN NUMBER	P-226	ROAD & MILE POINT	US 41; 17.01	SUPPORT TYPE: 'C'									
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS									
WIDTH	15'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS									
HEIGHT	12'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY									
AREA (Sq. Ft.)	215.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT							
BORDER WIDTH	2"	BEAM SIZE	W8 X 18			3' RIGHT							
BORDER RADII	12"	BEAM/POST LENGTH	1. = 17.5	SYMBOL	X	Y	WIDTH	HEIGHT					
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 19.0										
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =										
STATIONS(S)	NA	BEAM/POST LENGTH	4. =										
PANEL MATERIAL	Reflective	CONC 'a' = 2'-6"	2.54 Cu. Yds.										
LEGEND MATERIAL	Reflective	CONC 'b' = 7'-0"											



FONT:
(1) ClearviewHwy-5-W

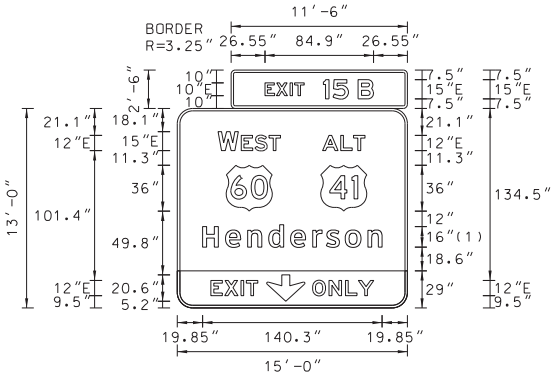
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-227	ROAD & MILE POINT	US 41; 16.29	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS				
WIDTH	11'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	8'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	120.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



PANEL SIGN
DETAIL SHEET

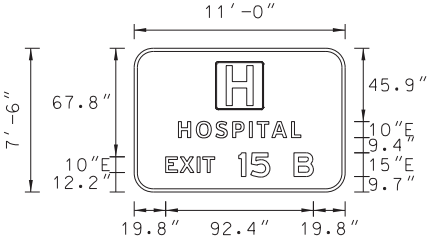
COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-228	ROAD & MILE POINT	US 41; 16.29	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	15'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	13'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	223.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	38.2	75.6	36	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_4	112.1	75.6	36	36	
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	ARDown	69.8	5.2	30	20.6	
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



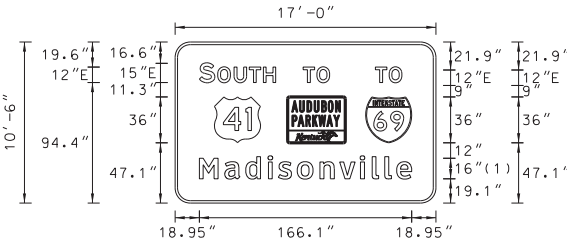
FONT:
(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-229 *	ROAD & MILE POINT	US 41; 16.26	SUPPORT TYPE: *C*					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	11'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	7'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	82.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W8 X 18			18' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. = 17.0	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Blue	BEAM/POST LENGTH	2. = 17.0	D9-2	51.0	51.6	30	30	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 2'-6"	2.54 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 7'-0"							



* COPY OF P-222

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-230	ROAD & MILE POINT	US 41; 16.13	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	17'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	10'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	178.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	AU PKWY	88.0	47.1	45	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_4	30.8	47.1	36	36	
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	M1_1	149	47.1	36	36	
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



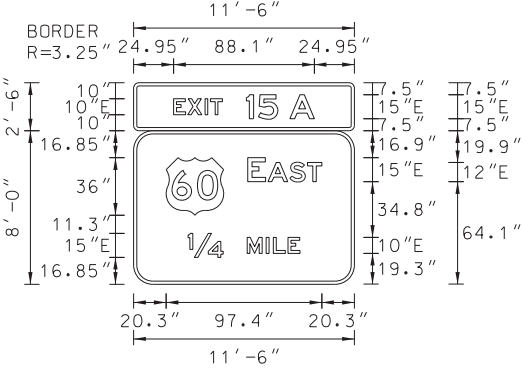
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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

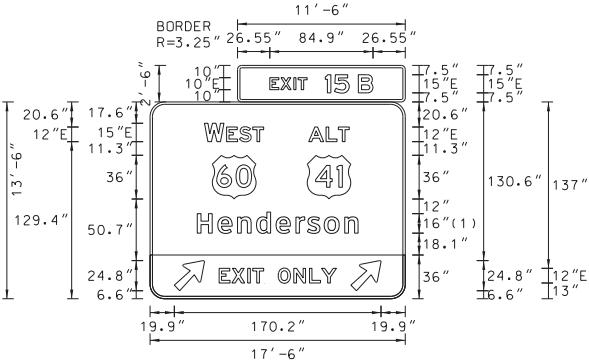
121CR15D007-NHPP

COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-231	ROAD & MILE POINT	US 41; 16.13	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	11'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	8'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	120.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	20.3	43.2	36	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							

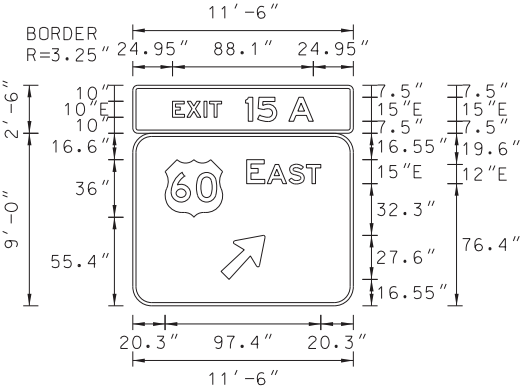


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-232	ROAD & MILE POINT	US 41; 16.13	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	17'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	13'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	265.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	51.2	82.1	36	36	
LEGEND/BORDER COLOR	White / Black	BEAM/POST LENGTH	3. =	M1_4	129.2	82.1	36	36	
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	AR_Type A	19.9	6.6	20	31.5	
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.	AR_Type A	165.3	6.6	20	31.5	
LEGEND MATERIAL	Reflective	CONC 'b' =							



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(1) ClearviewHwy-5-W-R

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-233	ROAD & MILE POINT	US 41; 15.99	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS					
WIDTH	11'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	9'-0"	MOUNTING STYLE	BRIDGE	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	132.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	20.3	55.4	36	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	AR_Type A	55.2	16.6	22.2	35	
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							

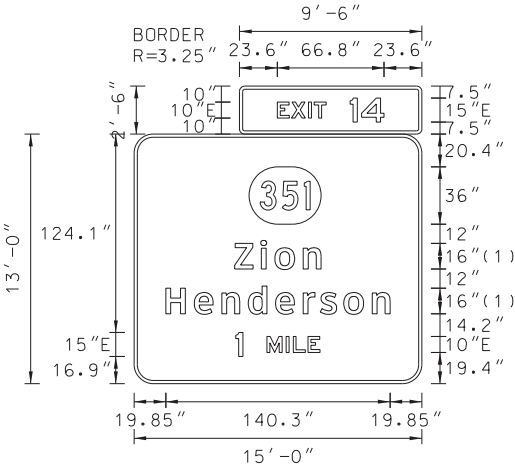


PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-234 *	ROAD & MILE POINT	US 41; 15.24	SUPPORT TYPE: 'C'				
QUANTITY	1	TRAFFIC DIRECTION	SB	'A' = FIXED BEAMS				
WIDTH	15'-0"	SIDE OF ROAD	RT	'B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	218.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE			' LEFT	
BORDER WIDTH	2"	BEAM SIZE	W12 X 26				18' RIGHT	
BORDER RADII	12"	BEAM/POST LENGTH	1. = 25.5	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 25.0					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATION(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"						

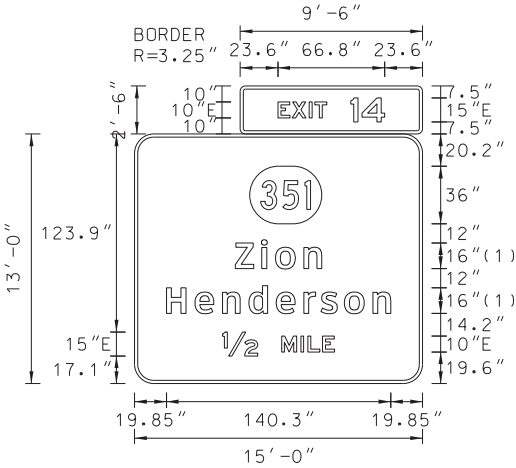
* COPY OF P-211



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(1) ClearviewHwy-5-W

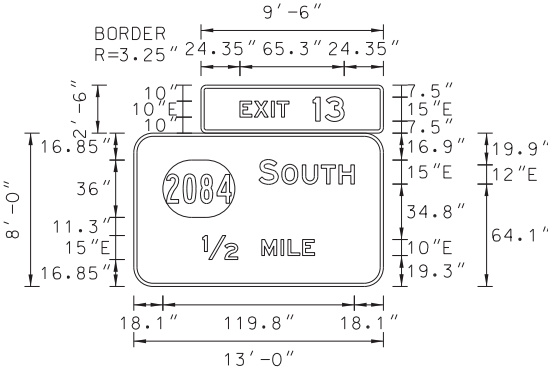
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-235 *	ROAD & MILE POINT	US 41; 14.77	SUPPORT TYPE: 'A'				
QUANTITY	1	TRAFFIC DIRECTION	SB	'A' = FIXED BEAMS				
WIDTH	15'-0"	SIDE OF ROAD	RT	'B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	'C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	218.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 6' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W12 X 20					
BORDER RADII	12"	BEAM/POST LENGTH	1. = 38.5	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 36.0					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 32.0					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	6.27 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"						

* COPY OF P-212



FONT:
(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-236	ROAD & MILE POINT	US 41; 14.25	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS				
WIDTH	13' - 0"	SIDE OF ROAD	OH	*B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	8' - 0"	MOUNTING STYLE	TRUSS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	127.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADIUS	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



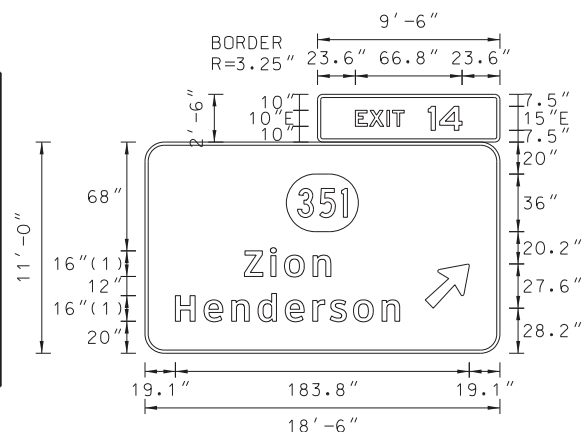
PANEL SIGN
DETAIL SHEET

COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION	
SIGN NUMBER	P-237
QUANTITY	1
WIDTH	18' - 6"
HEIGHT	11' - 0"
AREA (Sq. Ft.)	227.3 Sq.Ft.
BORDER WIDTH	2"
BORDER RADIUS	12"
PANEL COLOR	Green
LEGEND/BORDER COLOR	White/White
STATION(S)	NA
PANEL MATERIAL	Reflective
LEGEND MATERIAL	Reflective

SIGN LOCATION / SUPPORT	
ROAD & MILE POINT	US 41; 14.25
TRAFFIC DIRECTION	SB
SIDE OF ROAD	OH
MOUNTING STYLE	TRUSS
BEAM MATERIAL	
BEAM SIZE	
BEAM/POST LENGTH	1. =
BEAM/POST LENGTH	2. =
BEAM/POST LENGTH	3. =
BEAM/POST LENGTH	4. =
CONC 'a' =	
CONC 'b' =	Cu. Yds.

SUPPORT TYPE				
SUPPORT TYPE:				
A = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY				
SYMBOL	X	Y	HORIZONTAL CLEARANCE	
			' LEFT	' RIGHT
			WIDTH	HEIGHT
KY_3	88.5	76	45	36
AR_Type A	175.4	28.2	22.2	35

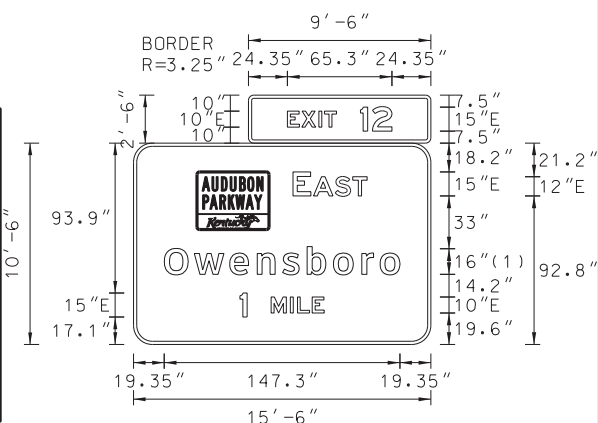


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(1) ClearviewHwy-5-W

SIGN INFORMATION	
SIGN NUMBER	P-238
QUANTITY	1
WIDTH	15' - 6"
HEIGHT	10' - 6"
AREA (Sq. Ft.)	186.5 Sq.Ft.
BORDER WIDTH	2"
BORDER RADII	12"
PANEL COLOR	Green
LEGEND/BORDER COLOR	White/White
STATION(S)	NA
PANEL MATERIAL	Reflective
LEGEND MATERIAL	Reflective

SIGN LOCATION / SUPPORT	
ROAD & MILE POINT	US 41; 13.73
TRAFFIC DIRECTION	SB
SIDE OF ROAD	OH
MOUNTING STYLE	TRUSS
BEAM MATERIAL	
BEAM SIZE	
BEAM/POST LENGTH	1. =
BEAM/POST LENGTH	2. =
BEAM/POST LENGTH	3. =
BEAM/POST LENGTH	4. =
CONC 'a' =	
CONC 'b' =	Cu. Yds.

SUPPORT TYPE					
SUPPORT TYPE:					
A = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY					
HORIZONTAL CLEARANCE			' LEFT		
			' RIGHT		
SYMBOL	X	Y	WIDTH	HEIGHT	
AU PKWY	39.8	71.9	45	36	

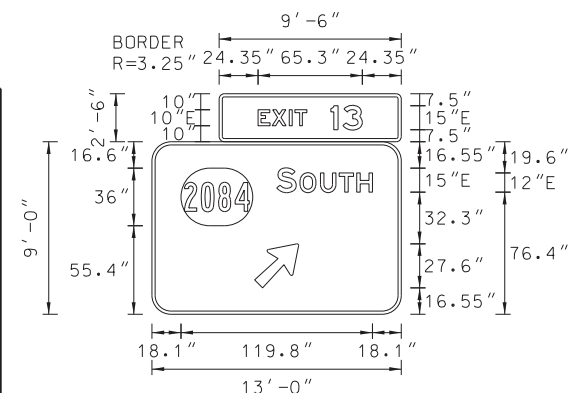


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(1) ClearviewHwy-5-W

SIGN INFORMATION	
SIGN NUMBER	P-239
QUANTITY	1
WIDTH	13' - 0"
HEIGHT	9' - 0"
AREA (Sq. Ft.)	140.8 Sq.Ft.
BORDER WIDTH	2"
BORDER RADIUS	12"
PANEL COLOR	Green
LEGEND/BORDER COLOR	White/White
STATION(S)	NA
PANEL MATERIAL	Reflective
LEGEND MATERIAL	Reflective

SIGN LOCATION / SUPPORT	
ROAD & MILE POINT	US 41; 13.73
TRAFFIC DIRECTION	SB
SIDE OF ROAD	OH
MOUNTING STYLE	TRUSS
BEAM MATERIAL	
BEAM SIZE	
BEAM/POST LENGTH	1. =
BEAM/POST LENGTH	2. =
BEAM/POST LENGTH	3. =
BEAM/POST LENGTH	4. =
CONC 'a' =	
CONC 'b' =	Cu. Yds.

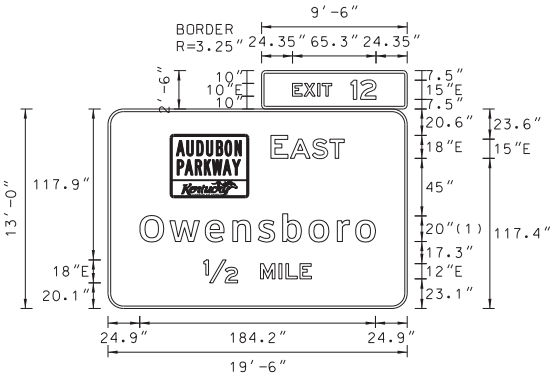
SUPPORT TYPE				
SUPPORT TYPE:				
A = FIXED BEAMS *B* = STANDARD BREAK-A-WAY BEAMS *C* = OMNI-DIRECTIONAL BREAK-A-WAY				
SYMBOL	X	Y	HORIZONTAL CLEARANCE	
			' LEFT	' RIGHT
			WIDTH	HEIGHT
KY_4	18.1	55.4	45	36
AR_Type A	64.2	16.6	22.2	35



PANEL SIGN
DETAIL SHEET

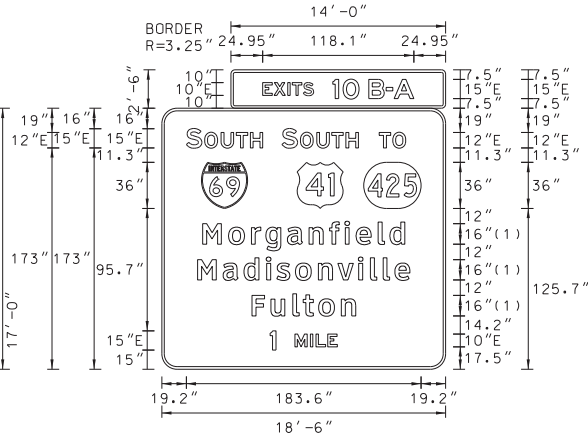
COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-240	ROAD & MILE POINT	US 41; 13.46	SUPPORT TYPE: 'C'				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS				
WIDTH	19'-6"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	13'-0"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	277.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 18' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W10 X 26					
BORDER RADII	12"	BEAM/POST LENGTH	1. = 22.5	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 22.5					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"						



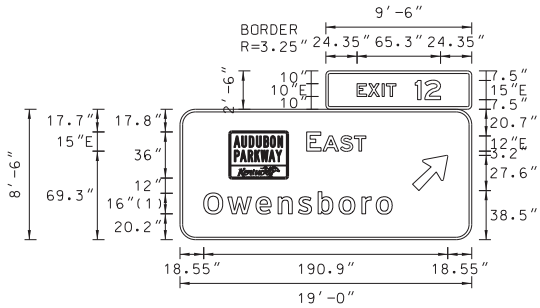
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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-241	ROAD & MILE POINT	US 41; 13.03	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS				
WIDTH	18'-6"	SIDE OF ROAD	OH	*B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	17'-0"	MOUNTING STYLE	TRUSS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	349.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR	White/white	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



FONT:
(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-242	ROAD & MILE POINT	US 41; 13.03	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS				
WIDTH	19'-0"	SIDE OF ROAD	OH	*B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	8'-6"	MOUNTING STYLE	TRUSS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	185.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



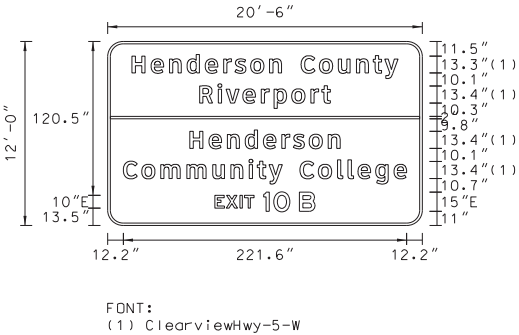
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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

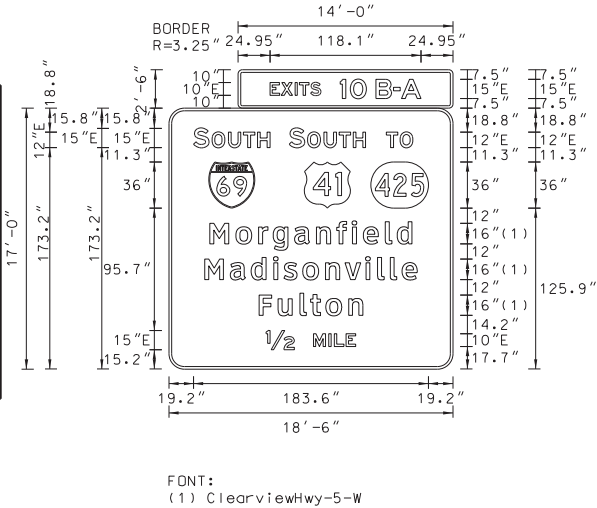
CR15D007-NHPP

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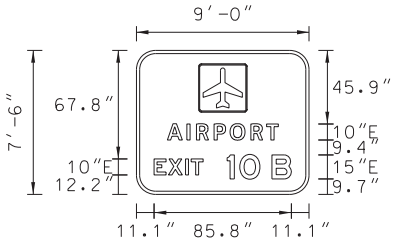
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-243	ROAD & MILE POINT	US 41; 12.47	SUPPORT TYPE: 'C'				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS				
WIDTH	20'-6"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	12'-0"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	246.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 18' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W14 X 30					
BORDER RADI	12"	BEAM/POST LENGTH	1. = 24.0	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 24.5					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATION(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.72 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 9'-0"						



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-244	ROAD & MILE POINT	US 41; 12.91	SUPPORT TYPE: 'C'				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS				
WIDTH	18'-6"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	17'-0"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	349.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT 18' RIGHT		
BORDER WIDTH	2"	BEAM SIZE	W14 X 30					
BORDER RADI	12"	BEAM/POST LENGTH	1. = 24.0	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 24.0					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATION(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0'	4.72 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 9'-0"						



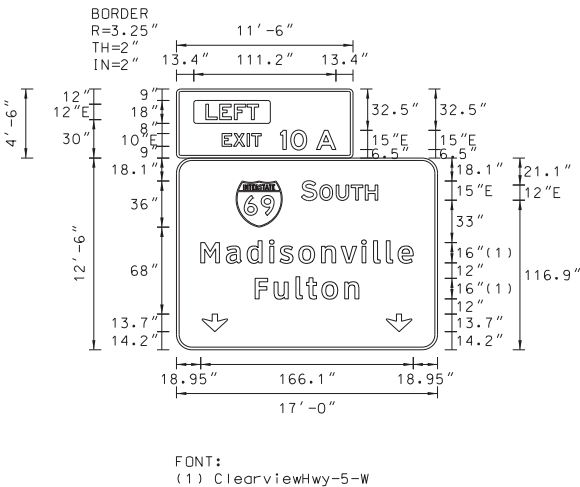
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-245	ROAD & MILE POINT	US 41; 11.98	SUPPORT TYPE: 'C'					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED BEAMS					
WIDTH	9'-0"	SIDE OF ROAD	RT	*B' = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	7'-6"	MOUNTING STYLE	BEAMS	*C' = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	67.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W10 X 26			18' RIGHT			
BORDER RADIUS	12"	BEAM/POST LENGTH	1. = 23.5	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 26.0		1-5	39.0	51.6	30	30
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATION(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"							



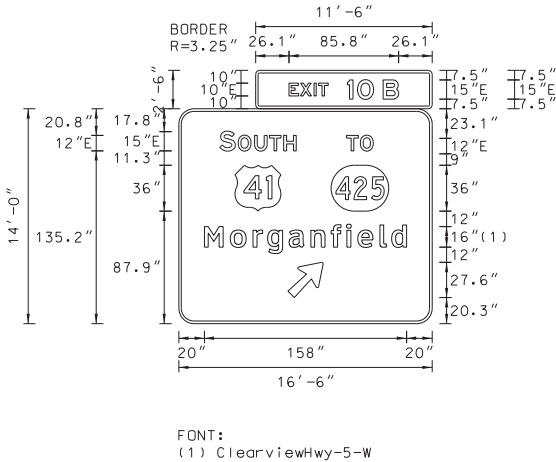
PANEL SIGN
DETAIL SHEET

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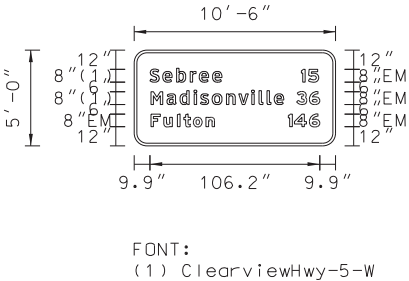
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-246	ROAD & MILE POINT	US 41; 11.82	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS				
WIDTH	17'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	12'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	264.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_1	46.6	95.9	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	ARDOWN	20	14.2	19.9	13.7
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	ARDOWN	164.1	14.2	19.9	13.7
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-247	ROAD & MILE POINT	US 41; 11.82	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS				
WIDTH	16'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	14'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	259.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	43.9	87.9	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	KY_3	119.1	87.9	45	36
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	AR_Type A	85.2	20.3	22.2	35
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

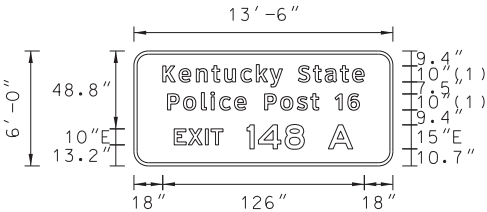


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-248	ROAD & MILE POINT	1-69; 147.09	SUPPORT TYPE: *A'				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS				
WIDTH	10'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	5'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	52.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	1.75"	BEAM SIZE	W6 X 12			6' RIGHT		
BORDER RADII	8"	BEAM/POST LENGTH	1. = 20.0	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 19.5					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 2'-0"	1.16 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 5'-0"						



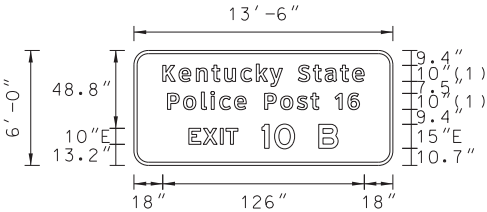
COUNTY OF	ITEM NO.
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-249	ROAD & MILE POINT	I-69; 147.91	SUPPORT TYPE: 'A'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	13'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	6'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	81.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W8 X 18		6' RIGHT			
BORDER RADII	9"	BEAM/POST LENGTH	1. = 23.5	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Blue	BEAM/POST LENGTH	2. = 26.0					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 2'-6"	2.54 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 7'-0"						



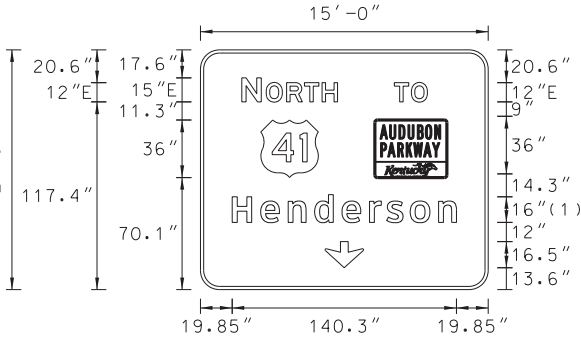
FONT:
(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-250	ROAD & MILE POINT	US 41; 12.14	SUPPORT TYPE: 'C'				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS				
WIDTH	13'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	6'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	81.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W6 X 16		18' RIGHT			
BORDER RADII	9"	BEAM/POST LENGTH	1. = 15.0	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Blue	BEAM/POST LENGTH	2. = 14.5					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 2'-0"	1.16 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 5'-0"						



FONT:
(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-251	ROAD & MILE POINT	US 41; 11.29	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	15'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	12'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	187.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT			
BORDER WIDTH	2"	BEAM SIZE			' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	AU PKWY	109.1	70.1	45	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_4	37.8	70.1	36	36
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	ARDOWN	78	13.7	24	16.5
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

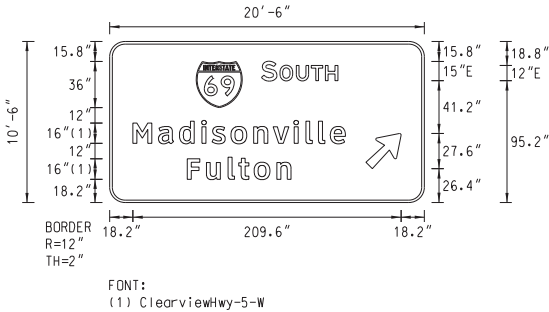


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(1) ClearviewHwy-5-W

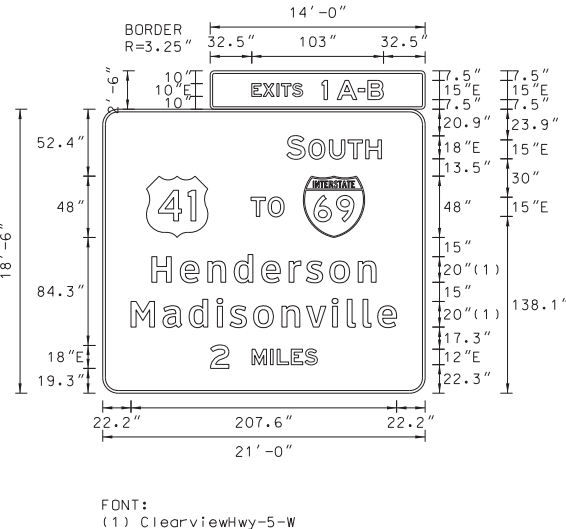
PANEL SIGN
DETAIL SHEET

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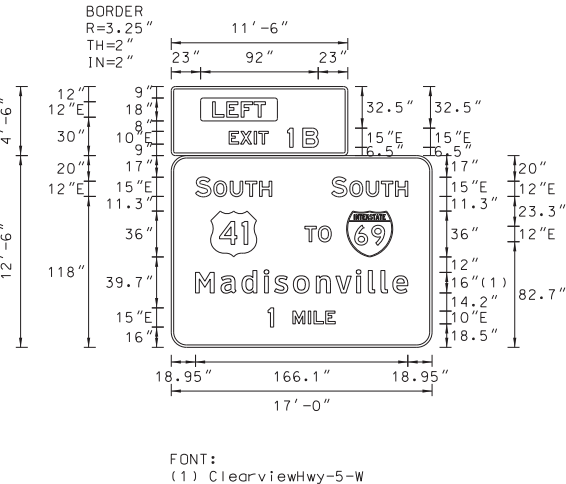
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-252	ROAD & MILE POINT	US 41; 11.29	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	20'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	10'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	215.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_1	67.6	74.3	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	AR_Type A	200.3	26.5	22.2	35
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-253	ROAD & MILE POINT	AUDUBON; 2.15	SUPPORT TYPE: *C*				
QUANTITY	1	TRAFFIC DIRECTION	WB	*A* = FIXED BEAMS				
WIDTH	21'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	18'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	423.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W18 X 35			18' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. = 30.0	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 30.0	M1_4	34.2	121.7	48	48
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 28.5	M1_1	156.8	121.7	48	48
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'-6"	9.63 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 9'-0"						



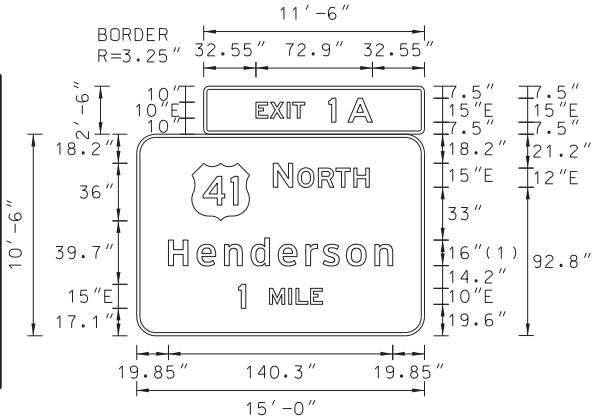
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-254	ROAD & MILE POINT	AUDUBON; 1.23	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	WB	*A* = FIXED BEAMS				
WIDTH	17'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	12'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	264.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	30.8	70.7	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_1	137.2	70.7	36	36
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



PANEL SIGN
DETAIL SHEET

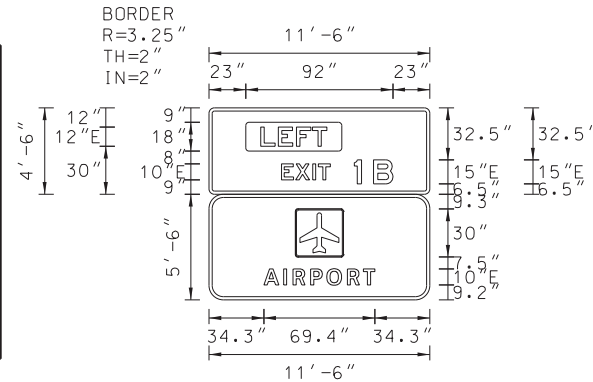
COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-255	ROAD & MILE POINT	AUDUBON; 1.23	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	WB	*A* = FIXED BEAMS					
WIDTH	15'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	10'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	186.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	34.5	71.9	36	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							

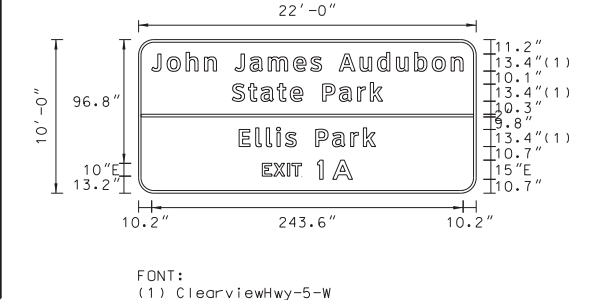


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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-256	ROAD & MILE POINT	AUDUBON; 0.81	SUPPORT TYPE: 'C'					
QUANTITY	1	TRAFFIC DIRECTION	WB	*A* = FIXED BEAMS					
WIDTH	11'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	5'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	115.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W10 X 22			18' RIGHT			
BORDER RADII	9"	BEAM/POST LENGTH	1. = 21.5	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 23.5	I-5	54	26.8	30	30	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"							



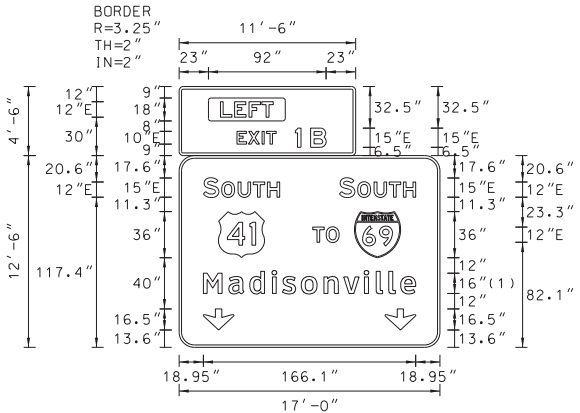
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-257	ROAD & MILE POINT	AUDUBON; 0.62	SUPPORT TYPE: 'C'					
QUANTITY	1	TRAFFIC DIRECTION	WB	*A* = FIXED BEAMS					
WIDTH	22'-0"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	10'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	220.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE	W12 X 26			18' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. = 20.5	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Brown	BEAM/POST LENGTH	2. = 22.0						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"							



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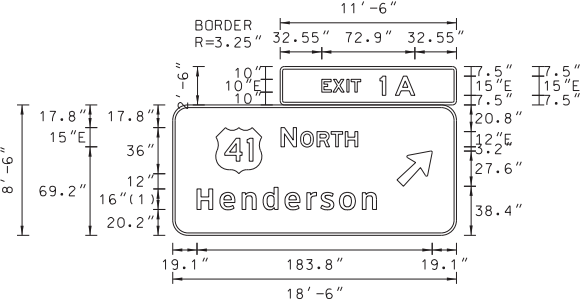
COUNTY OF	ITEM NO.
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-258	ROAD & MILE POINT	AUDUBON; 0.21	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	WB	*A* = FIXED BEAMS				
WIDTH	17'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	12'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	264.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	30.8	70.1	36	36
LEGEND/BORDER COLOR	White / Black/White	BEAM/POST LENGTH	3. =	M1_1	137.2	70.1	36	36
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	ARDOWN	19	13.7	24	16.5
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.	ARDOWN	161.1	13.7	24	16.5
LEGEND MATERIAL	Reflective	CONC 'b' =						



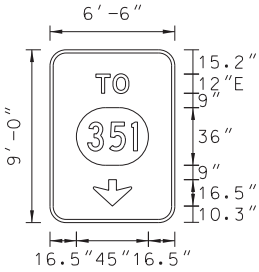
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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-259	ROAD & MILE POINT	AUDUBON; 0.21	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	WB	*A* = FIXED BEAMS				
WIDTH	18'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	8'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	186.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	33.8	48.3	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	AR_Type A	175.4	38.5	22.2	35
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-260	ROAD & MILE POINT	KY 2084; 2.26	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	6'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	9'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	58.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	10"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	KY_3	16.5	35.8	45	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	ARDOWN	27	10.4	24	16.5
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

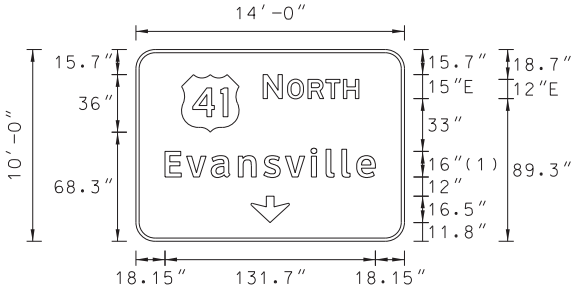


PANEL SIGN
DETAIL SHEET

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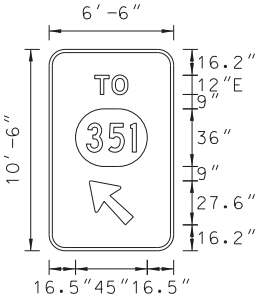
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-261	ROAD & MILE POINT	KY 2084; 2.26	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	14'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	10'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	140.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	28.5	68.3	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	AR.DOWN	72	11.8	24	16.5
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

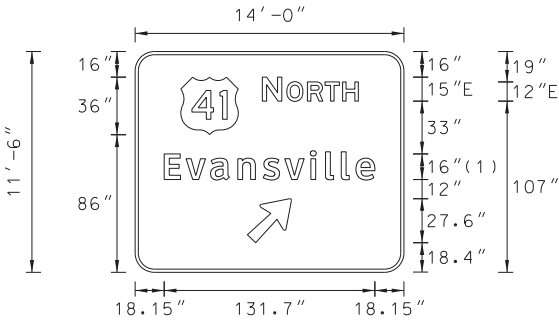


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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-262	ROAD & MILE POINT	KY 2084; 2.39	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	6'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	10'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	68.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	10"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	KY_3	16.5	52.8	45	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	AR.Type A	25.2	16.2	22.2	35
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-263	ROAD & MILE POINT	KY 2084; 2.39	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED BEAMS				
WIDTH	14'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	11'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	161.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	28.5	86	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	AR.Type A	70.2	18.5	22.2	35
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

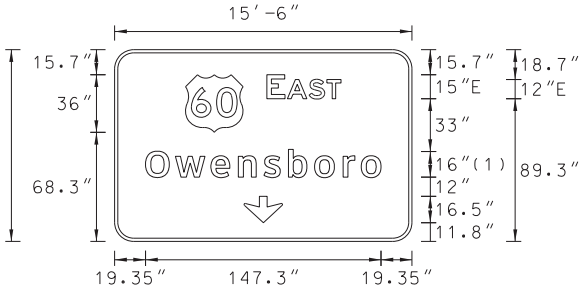


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(1) ClearviewHwy-5-W

PANEL SIGN
DETAIL SHEET

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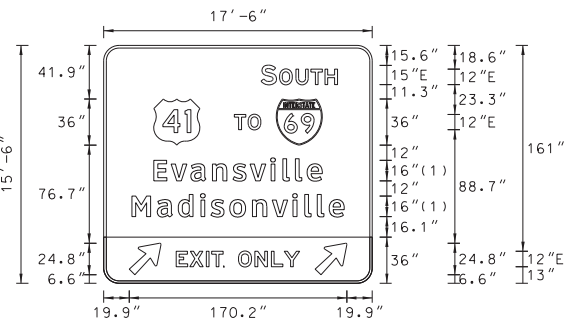
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-264	ROAD & MILE POINT	US 41A/US 60; 17.27	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	EB	*A* = FIXED BEAMS					
WIDTH	15'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	10'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	155.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	44.3	68.3	36	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	AR.DOWN	81	11.8	24	16.5	
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



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(1) ClearviewHwy-5-W

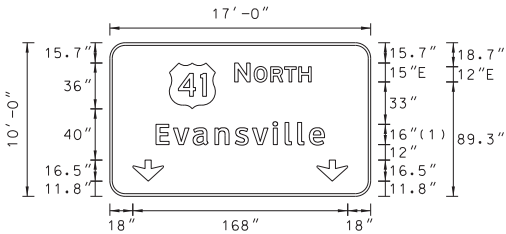
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-265	ROAD & MILE POINT	US 41A/US 60; 17.27	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	EB	*A* = FIXED BEAMS					
WIDTH	17'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	15'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	271.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green *	BEAM/POST LENGTH	2. =	M1_4	39.1	108.1	36	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_1	134.9	108.1	36	36	
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	AR_Type A	19.9	6.6	20	31.5	
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.	AR_Type A	165.3	6.6	20	31.5	
LEGEND MATERIAL	Reflective	CONC 'b' =							

* BOTTOM OF PANEL IS YELLOW PANEL COLOR WITH BLACK/BLACK LEGEND/BORDER COLOR.



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(1) ClearviewHwy-5-W

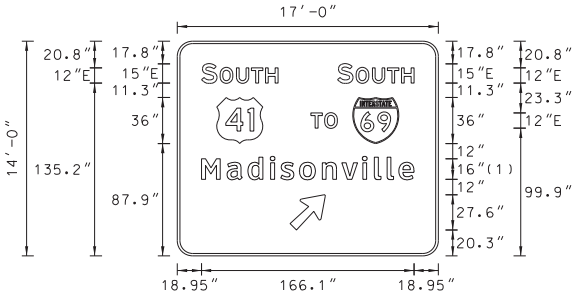
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	P-266	ROAD & MILE POINT	US41A/US60 TO US41	SUPPORT TYPE:					
QUANTITY	1	TRAFFIC DIRECTION	EB	*A* = FIXED BEAMS					
WIDTH	17'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS					
HEIGHT	10'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY					
AREA (Sq. Ft.)	170.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT			
BORDER WIDTH	2"	BEAM SIZE				' RIGHT			
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT	
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	46.5	68.3	36	36	
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	AR.DOWN	18	11.8	24	16.5	
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	AR.DOWN	162	11.8	24	16.5	
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



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(1) ClearviewHwy-5-W

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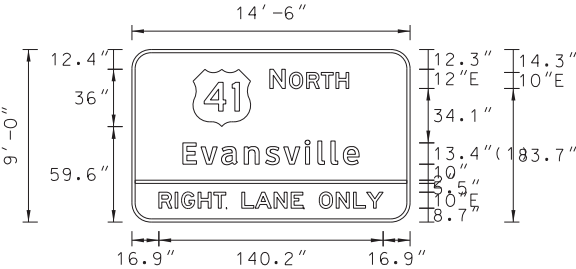
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-267	ROAD & MILE POINT	US41A/US60 TO US41	SUPPORT TYPE:				
QUANTITY	1	TRAFFIC DIRECTION	EB	*A* = FIXED BEAMS				
WIDTH	17'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	14'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	238.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE				' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	30.8	87.9	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_1	137.2	87.9	36	36
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	AR_Type A	88.2	20.3	22.2	35
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



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(1) ClearviewHwy-5-W

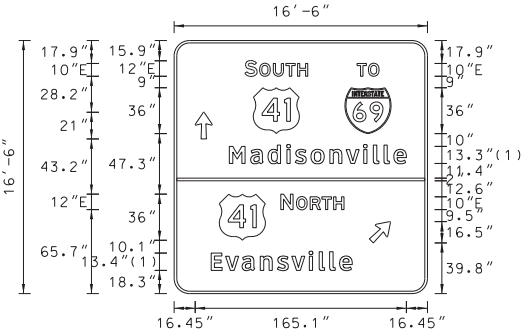
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-268	ROAD & MILE POINT	US 60; 10.51	SUPPORT TYPE: 'C'				
QUANTITY	1	TRAFFIC DIRECTION	WB	*A* = FIXED BEAMS				
WIDTH	14'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	9'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	130.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W10 X 22			11' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. = 20.5	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green *	BEAM/POST LENGTH	2. = 21.0	M1_4	38.3	59.6	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	4.18 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' = 8'-0"						

* BOTTOM PORTION OF SIGN IS YELLOW PANEL
COLOR WITH BLACK/BLACK LEGEND/BORDER COLOR.



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	P-269	ROAD & MILE POINT	US 60; 10.44	SUPPORT TYPE: 'C'				
QUANTITY	1	TRAFFIC DIRECTION	WB	*A* = FIXED BEAMS				
WIDTH	16'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS				
HEIGHT	16'-6"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY				
AREA (Sq. Ft.)	272.3 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE		' LEFT		
BORDER WIDTH	2"	BEAM SIZE	W14 X 30			18' RIGHT		
BORDER RADII	12"	BEAM/POST LENGTH	1. = 28.0	SYMBOL	X	Y	WIDTH	HEIGHT
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 29.5	M1_4	61.9	125.1	36	36
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 31.5	M1_1	133.5	125.1	36	36
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	AR_Type A	16.5	121	13.3	21
PANEL MATERIAL	Reflective	CONC 'a' = 3'-0"	7.08 Cu. Yds.	M1_4	35.3	41.8	36	36
LEGEND MATERIAL	Reflective	CONC 'b' = 9'-0"		AR_Type A	152.6	39.8	13.3	21

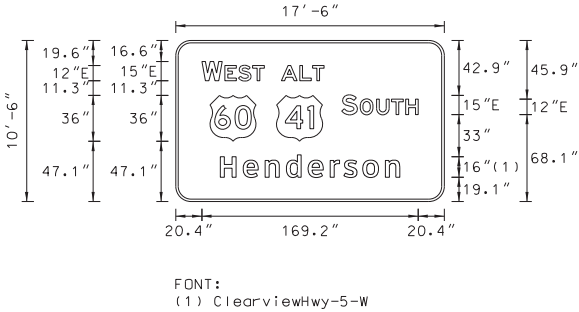


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(1) ClearviewHwy-5-W

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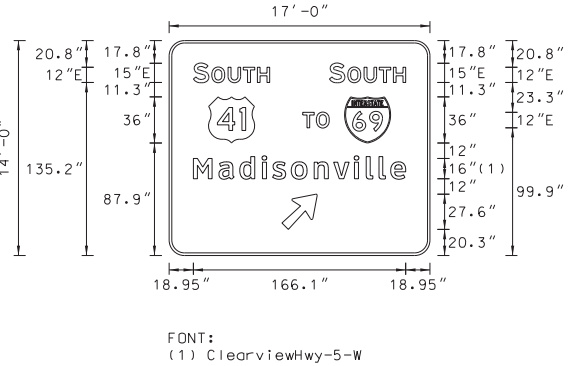
COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-270	ROAD & MILE POINT	US41A/US60; 17.43	SUPPORT TYPE:	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	17'-6"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	10'-6"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	183.8 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE			' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	26.8
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_4	78.8
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' =			



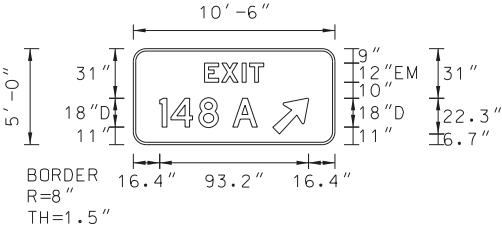
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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-271	ROAD & MILE POINT	US41A/US60; 17.43	SUPPORT TYPE:	
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED BEAMS	
WIDTH	17'-0"	SIDE OF ROAD	OH	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	14'-0"	MOUNTING STYLE	TRUSS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	238.0 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	2"	BEAM SIZE			' RIGHT
BORDER RADII	12"	BEAM/POST LENGTH	1. =	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. =	M1_4	30.8
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =	M1_1	137.2
STATIONS(S)	NA	BEAM/POST LENGTH	4. =	AR_Type A	88.2
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' =			



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(1) ClearviewHwy-5-W

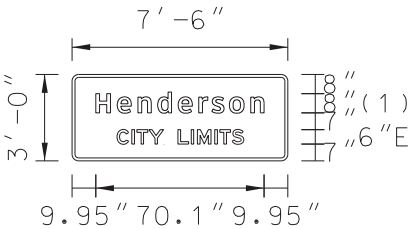
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-272	ROAD & MILE POINT	US 41; 11.62	SUPPORT TYPE: *C*	
QUANTITY	1	TRAFFIC DIRECTION	NB @ OLD EXIT 76	*A* = FIXED BEAMS	
WIDTH	10'-6"	SIDE OF ROAD	RT	*B* = STANDARD BREAK-A-WAY BEAMS	
HEIGHT	5'-0"	MOUNTING STYLE	BEAMS	*C* = OMNI-DIRECTIONAL BREAK-A-WAY	
AREA (Sq. Ft.)	52.5 Sq.Ft.	BEAM MATERIAL		HORIZONTAL CLEARANCE	' LEFT
BORDER WIDTH	1.5"	BEAM SIZE	W6 X 9		' RIGHT
BORDER RADII	8"	BEAM/POST LENGTH	1. = 12'	SYMBOL	X
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 12'	AR_Type A	87.3
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 2'	1.16 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 5'			



PANEL SIGN
DETAIL SHEET

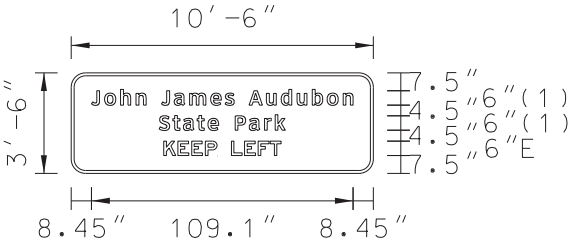
COUNTY OF	ITEM NO.
HENDERSON	2-232

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-273	ROAD & MILE POINT	US41; 13.03	SUPPORT TYPE: 'C'	
QUANTITY	1	TRAFFIC DIRECTION	NB @ OLD MP 77.7	*A' = FIXED BEAMS *B' = STANDARD BREAK-A-WAY BEAMS *C' = OMNI-DIRECTIONAL BREAK-A-WAY	
WIDTH	7'-6"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT
HEIGHT	3'-0"	MOUNTING STYLE	BEAMS		18' RIGHT
AREA (Sq. Ft.)	22.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X
BORDER WIDTH	1.25"	BEAM SIZE	W6 X 9		Y
BORDER RADII	2.75"	BEAM/POST LENGTH	1. = 11.5'		WIDTH
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 12'		HEIGHT
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 2'	1.16 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 5'			



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(1) ClearviewHwy-5-W

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-274	ROAD & MILE POINT	US41A/US60 RAMP	SUPPORT TYPE: 'C'	
QUANTITY	1	TRAFFIC DIRECTION	NB TO US 41N	*A' = FIXED BEAMS *B' = STANDARD BREAK-A-WAY BEAMS *C' = OMNI-DIRECTIONAL BREAK-A-WAY	
WIDTH	10'-6"	SIDE OF ROAD	LT	HORIZONTAL CLEARANCE	18' LEFT
HEIGHT	3'-6"	MOUNTING STYLE	BEAMS		' RIGHT
AREA (Sq. Ft.)	36.8 Sq.Ft.	BEAM MATERIAL		SYMBOL	X
BORDER WIDTH	1.25"	BEAM SIZE	W6 X 16		Y
BORDER RADII	6"	BEAM/POST LENGTH	1. = 14'		WIDTH
PANEL COLOR	Brown	BEAM/POST LENGTH	2. = 15.5'		HEIGHT
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =		
STATIONS(S)	NA	BEAM/POST LENGTH	4. =		
PANEL MATERIAL	Reflective	CONC 'a' = 2'	1.16 Cu. Yds.		
LEGEND MATERIAL	Reflective	CONC 'b' = 5'			

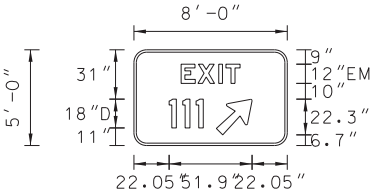


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(1) ClearviewHwy-5-W

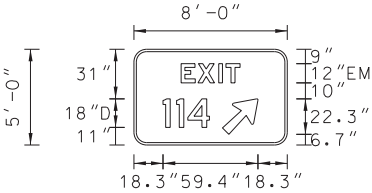
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE	
SIGN NUMBER	P-	ROAD & MILE POINT	-	SUPPORT TYPE:	
QUANTITY	-	TRAFFIC DIRECTION	-	*A' = FIXED BEAMS *B' = STANDARD BREAK-A-WAY BEAMS *C' = OMNI-DIRECTIONAL BREAK-A-WAY	
WIDTH		SIDE OF ROAD	-	HORIZONTAL CLEARANCE	' LEFT
HEIGHT		MOUNTING STYLE	-		' RIGHT
AREA (Sq. Ft.)		BEAM MATERIAL		SYMBOL	X
BORDER WIDTH		BEAM SIZE	-		Y
BORDER RADII		BEAM/POST LENGTH	1. =		WIDTH
PANEL COLOR		BEAM/POST LENGTH	2. =		HEIGHT
LEGEND/BORDER COLOR		BEAM/POST LENGTH	3. =		
STATIONS(S)	-	BEAM/POST LENGTH	4. =		
PANEL MATERIAL		CONC 'a' =	- Cu. Yds.		
LEGEND MATERIAL		CONC 'b' =			

COUNTY OF	ITEM NO.
HOPKINS	2-232

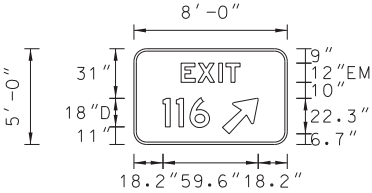
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	S-4	ROAD & MILE POINT	I-69	SUPPORT TYPE: 'D'					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION					
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT				
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.						
BORDER RADIUS	8"	BEAM/POST LENGTH	1. = 11'	AR_Type A	51.6	6.7	18	28.4	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'						
STATION(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	S-5	ROAD & MILE POINT	I-69	SUPPORT TYPE: 'D'					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION					
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT				
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.						
BORDER RADIUS	8"	BEAM/POST LENGTH	1. = 11'	AR_Type A	55.4	6.7	18	28.4	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'						
STATION(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	S-6	ROAD & MILE POINT	I-69	SUPPORT TYPE: 'A'					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION					
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT				
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA. **						
BORDER RADIUS	8"	BEAM/POST LENGTH	1. = 16'	AR_Type A	55.5	6.7	18	28.4	
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 16'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 16'						
STATION(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							

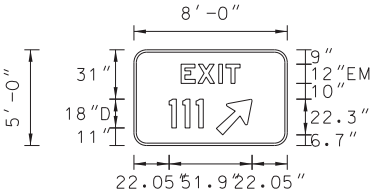


** SLIP BASE REQUIRED.

COUNTY OF	ITEM NO.
HOPKINS	2-232

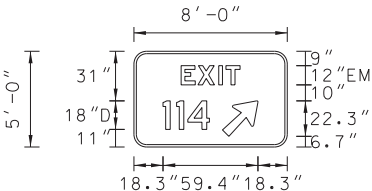
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-7 *	ROAD & MILE POINT	1-69	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION				
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT			
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT			
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.					
BORDER RADIUS	8"	BEAM/POST LENGTH	1. = 11'	AR_Type A	51.6	6.7	18	28.4
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 11'					
STATION(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

* COPY OF S-4



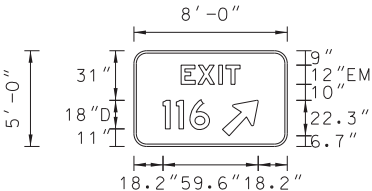
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-8 *	ROAD & MILE POINT	1-69	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION				
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT			
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT			
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.					
BORDER RADIUS	8"	BEAM/POST LENGTH	1. = 11'	AR_Type A	55.4	6.7	18	28.4
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'					
STATION(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

* COPY OF S-5



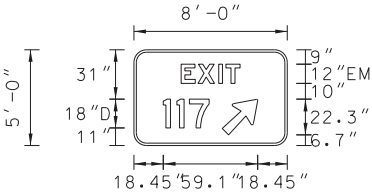
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-9 *	ROAD & MILE POINT	1-69	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION				
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT			
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT			
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.					
BORDER RADIUS	8"	BEAM/POST LENGTH	1. = 10'	AR_Type A	55.5	6.7	18	28.4
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 10'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 10'					
STATION(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

* COPY OF S-6

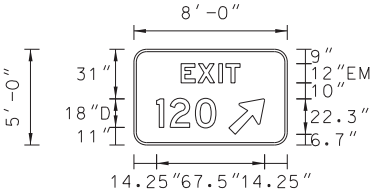


COUNTY OF	ITEM NO.
HOPKINS	2-232

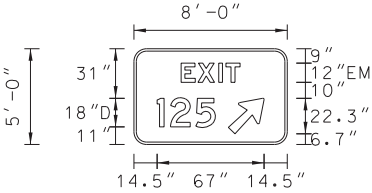
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-10	ROAD & MILE POINT	I-69	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED POSTS *D* = BREAK-A-WAY CONNECTION				
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT			
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT			
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.					
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'	AR_Type A	55.2	6.7	18	28.4
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-11	ROAD & MILE POINT	I-69	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED POSTS *D* = BREAK-A-WAY CONNECTION				
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT			
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT			
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.					
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'	AR_Type A	59.4	6.7	18	28.4
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 11'					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

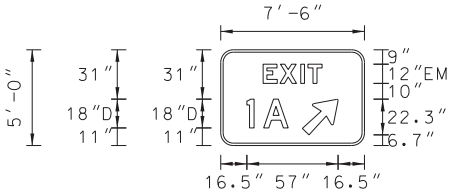


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-12	ROAD & MILE POINT	I-69	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	NB	*A* = FIXED POSTS *D* = BREAK-A-WAY CONNECTION				
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT			
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT			
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.					
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'	AR_Type A	59.2	6.7	18	28.4
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

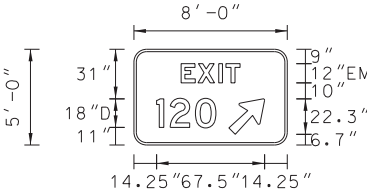


COUNTY OF	ITEM NO.
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-13	ROAD & MILE POINT	AUDUBON PARKWAY	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	WB	*A* = FIXED POSTS *D* = BREAK-A-WAY CONNECTION				
WIDTH	7'-6"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT			
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT			
AREA (Sq. Ft.)	37.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	1.5"	BEAM SIZE	2.5" x 12 GA.					
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'	AR_Type A	51.2	6.7	18	28.4
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATION(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.46 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

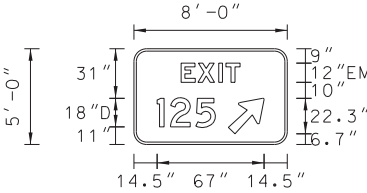


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-14 *	ROAD & MILE POINT	1-69	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED POSTS *D* = BREAK-A-WAY CONNECTION				
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT			
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT			
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	1.5"	BEAM SIZE	2.5" x 12 GA.					
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'	AR_Type A	59.4	6.7	18	28.4
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'					
STATION(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



* COPY OF S-11

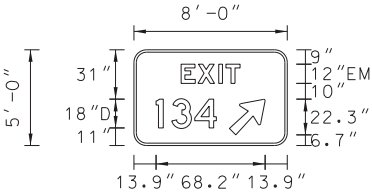
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-15 *	ROAD & MILE POINT	1-69	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	SB	*A* = FIXED POSTS *D* = BREAK-A-WAY CONNECTION				
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT			
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT			
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	1.5"	BEAM SIZE	2.5" x 12 GA.					
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'	AR_Type A	59.2	6.7	18	28.4
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 11'					
STATION(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



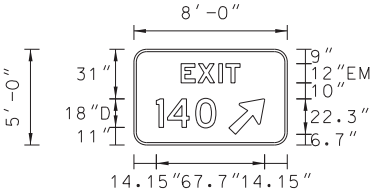
* COPY OF S-12

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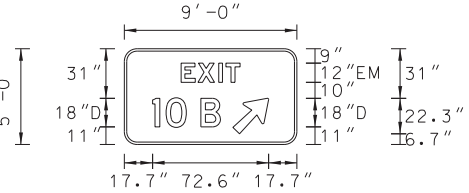
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	S-16	ROAD & MILE POINT	I-69	SUPPORT TYPE: 'D'					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION					
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT				
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.		AR_Type A	59.8	6.7	18	28.4
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'						
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	S-17	ROAD & MILE POINT	I-69	SUPPORT TYPE: 'D'					
QUANTITY	1	TRAFFIC DIRECTION	NB	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION					
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT				
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.		AR_Type A	59.5	6.7	18	28.4
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'						
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							

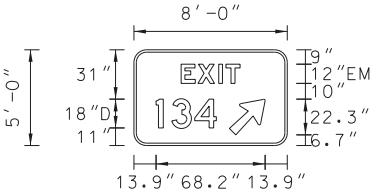


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	S-18	ROAD & MILE POINT	US 41 @ US 41	SUPPORT TYPE: 'D'					
QUANTITY	1	TRAFFIC DIRECTION	SB @ OLD EXIT 76	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION					
WIDTH	9'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT				
AREA (Sq. Ft.)	45.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.		AR_Type A	68	6.7	18	28.4
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'						
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 11'						
STATIONS(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



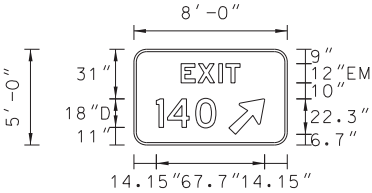
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	S-19 *	ROAD & MILE POINT	I-69	SUPPORT TYPE: 'D'					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION					
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT				
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.		AR_Type A	59.8	6.7	18	28.4
BORDER RADIUS	8"	BEAM/POST LENGTH	1. = 11'						
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'						
STATION(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



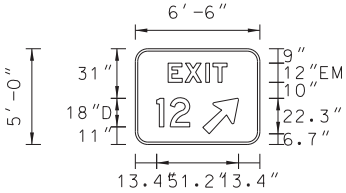
* COPY OF S-16

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	S-20 *	ROAD & MILE POINT	I-69	SUPPORT TYPE: 'D'					
QUANTITY	1	TRAFFIC DIRECTION	SB	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION					
WIDTH	8'-0"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT				
AREA (Sq. Ft.)	40.0 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.		AR_Type A	59.5	6.7	18	28.4
BORDER RADIUS	8"	BEAM/POST LENGTH	1. = 11'						
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'						
STATION(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



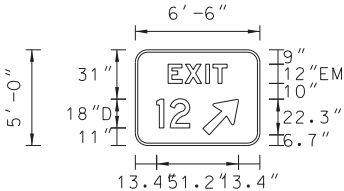
* COPY OF S-17

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE					
SIGN NUMBER	S-21	ROAD & MILE POINT	US 41 @ AUDUBON	SUPPORT TYPE: 'D'					
QUANTITY	1	TRAFFIC DIRECTION	NB @ OLD EXIT 77	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION					
WIDTH	6'-6"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT				
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT				
AREA (Sq. Ft.)	32.5 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT	
BORDER WIDTH	1.5"	BEAM SIZE	2.5 X 12 GA.		AR_Type A	42.3	6.7	18	28.4
BORDER RADIUS	8"	BEAM/POST LENGTH	1. = 11'						
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 12'						
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =						
STATION(S)	NA	BEAM/POST LENGTH	4. =						
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.						
LEGEND MATERIAL	Reflective	CONC 'b' =							



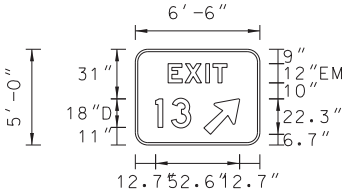
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-64 *	ROAD & MILE POINT	US 41 @ AUDUBON	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	SB @ OLD EXIT 77	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION				
WIDTH	6'-6"	SIDE OF ROAD	RT					
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS	HORIZONTAL CLEARANCE		' LEFT		
AREA (Sq. Ft.)	32.5 Sq.Ft.	BEAM MATERIAL				' RIGHT		
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.	SYMBOL	X	Y	WIDTH	HEIGHT
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'					
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11'	AR_Type A	42.3	6.7	18	28.4
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.46 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

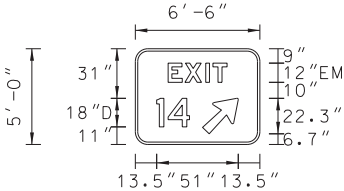


* COPY OF S-21

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-65	ROAD & MILE POINT	US 41 @ KY 2084	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	SB @ OLD EXIT 78	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION				
WIDTH	6'-6"	SIDE OF ROAD	RT					
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS	HORIZONTAL CLEARANCE		' LEFT		
AREA (Sq. Ft.)	32.5 Sq.Ft.	BEAM MATERIAL				' RIGHT		
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.	SYMBOL	X	Y	WIDTH	HEIGHT
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'					
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11'	AR_Type A	43	6.7	18	28.4
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.46 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

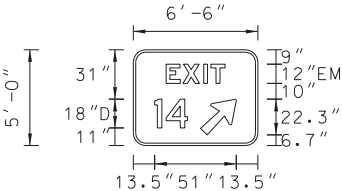


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-66	ROAD & MILE POINT	US 41 @ KY 351	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	NB @ OLD EXIT 79	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION				
WIDTH	6'-6"	SIDE OF ROAD	RT					
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS	HORIZONTAL CLEARANCE		' LEFT		
AREA (Sq. Ft.)	32.5 Sq.Ft.	BEAM MATERIAL				' RIGHT		
BORDER WIDTH	1.5"	BEAM SIZE	2.5 X 12 GA.	SYMBOL	X	Y	WIDTH	HEIGHT
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'					
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 12'	AR_Type A	42.2	6.7	18	28.4
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.46 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



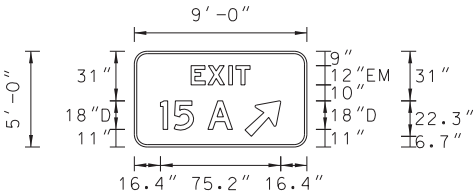
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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-67 *	ROAD & MILE POINT	US 41 @ KY 351	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	SB @ OLD EXIT 79	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION				
WIDTH	6'-6"	SIDE OF ROAD	RT					
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS	HORIZONTAL CLEARANCE		' LEFT		
AREA (Sq. Ft.)	32.5 Sq.Ft.	BEAM MATERIAL				' RIGHT		
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.	SYMBOL	X	Y	WIDTH	HEIGHT
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'					
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 12'	AR_Type A	42.2	6.7	18	28.4
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.46 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

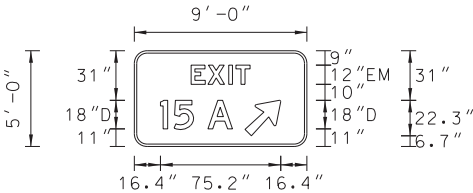


* COPY OF S-66

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-68	ROAD & MILE POINT	US 41 @ US 60	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	NB @ OLD EXIT 81A	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION				
WIDTH	9'-0"	SIDE OF ROAD	RT					
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS	HORIZONTAL CLEARANCE		' LEFT		
AREA (Sq. Ft.)	45.0 Sq.Ft.	BEAM MATERIAL				' RIGHT		
BORDER WIDTH	1.5"	BEAM SIZE	2.5" X 12 GA.	SYMBOL	X	Y	WIDTH	HEIGHT
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'					
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'	AR_Type A	69.3	6.7	18	28.4
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



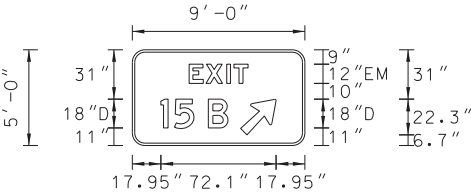
SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-69 *	ROAD & MILE POINT	US 41 @ US 60	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	SB @ OLD EXIT 79	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION				
WIDTH	9'-0"	SIDE OF ROAD	RT					
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS	HORIZONTAL CLEARANCE		' LEFT		
AREA (Sq. Ft.)	45.0 Sq.Ft.	BEAM MATERIAL				' RIGHT		
BORDER WIDTH	1.5"	BEAM SIZE	2.5 X 12 GA.	SYMBOL	X	Y	WIDTH	HEIGHT
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'					
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'	AR_Type A	69.3	6.7	18	28.4
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



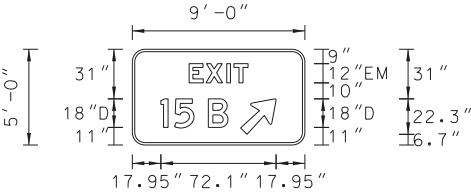
* COPY OF S-68

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SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-70	ROAD & MILE POINT	US 41 @ US 60	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	NB @ OLD EXIT 81B	*A' = FIXED POSTS *D' = BREAK-A-WAY CONNECTION				
WIDTH	9'-0"	SIDE OF ROAD	RT					
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS	HORIZONTAL CLEARANCE	' LEFT			
AREA (Sq. Ft.)	45.0 Sq.Ft.	BEAM MATERIAL			' RIGHT			
BORDER WIDTH	1.5"	BEAM SIZE	2.5" x 12 GA.	SYMBOL	X	Y	WIDTH	HEIGHT
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'		AR_Type A	67.7	6.7	18
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

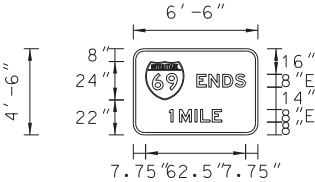


SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-71 *	ROAD & MILE POINT	US 41 @ US 60	SUPPORT TYPE: 'D'				
QUANTITY	1	TRAFFIC DIRECTION	SB @ OLD EXIT 81B	'A' = FIXED POSTS 'D' = BREAK-A-WAY CONNECTION				
WIDTH	9'-0"	SIDE OF ROAD	RT					
HEIGHT	5'-0"	MOUNTING STYLE	TYPE 1 POSTS	HORIZONTAL CLEARANCE	' LEFT			
AREA (Sq. Ft.)	45.0 Sq.Ft.	BEAM MATERIAL			' RIGHT			
BORDER WIDTH	1.5"	BEAM SIZE	2.5" x 12 GA.	SYMBOL	X	Y	WIDTH	HEIGHT
BORDER RADII	8"	BEAM/POST LENGTH	1. = 11'		AR_Type A	67.7	6.7	18
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 11.5'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. = 12'					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	0.69 Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						

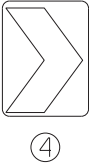


* COPY OF S-70

SIGN INFORMATION		SIGN LOCATION / SUPPORT		SUPPORT TYPE				
SIGN NUMBER	S-72	ROAD & MILE POINT	1-69; 147.06	SUPPORT TYPE: 'A'				
QUANTITY	1	TRAFFIC DIRECTION	NB @ OLD MP 75.25	'A' = FIXED POSTS 'D' = BREAK-A-WAY CONNECTION				
WIDTH	6' -6"	SIDE OF ROAD	RT	HORIZONTAL CLEARANCE	' LEFT			
HEIGHT	4' -6"	MOUNTING STYLE	TYPE 1 POSTS		' RIGHT			
AREA (Sq. Ft.)	29.3 Sq.Ft.	BEAM MATERIAL		SYMBOL	X	Y	WIDTH	HEIGHT
BORDER WIDTH	1.5"	BEAM SIZE	2.5 X 12 GA.		M1_1	7.8	22	24
BORDER RADII	7"	BEAM/POST LENGTH	1. = 15'					
PANEL COLOR	Green	BEAM/POST LENGTH	2. = 16'					
LEGEND/BORDER COLOR	White/White	BEAM/POST LENGTH	3. =					
STATIONS(S)	NA	BEAM/POST LENGTH	4. =					
PANEL MATERIAL	Reflective	CONC 'a' =	Cu. Yds.					
LEGEND MATERIAL	Reflective	CONC 'b' =						



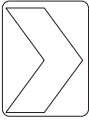


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SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-22	36	48		W1-8 *	LT	NBD	OFF RAMP	EXIT 111
				W1-8 *	LT	NBD	OFF RAMP	EXIT 111
				W1-8 *	LT	NBD	OFF RAMP	EXIT 111
				W1-8 *	LT	NBD	OFF RAMP	EXIT 111
				W1-8 *	LT	NBD	OFF RAMP	EXIT 111
				W1-8 *	LT	NBD	OFF RAMP	EXIT 111
				W1-8 *	LT	NBD	OFF RAMP	EXIT 111
				W1-8 *	LT	NBD	OFF RAMP	EXIT 111
				W1-8 *	LT	NBD	OFF RAMP	EXIT 111
				W1-8 *	LT	SBD	OFF RAMP	EXIT 111
				W1-8 *	LT	SBD	OFF RAMP	EXIT 111
				W1-8 *	LT	SBD	OFF RAMP	EXIT 111
				W1-8 *	LT	SBD	OFF RAMP	EXIT 111
				W1-8 *	LT	SBD	OFF RAMP	EXIT 111
				W1-8 *	LT	SBD	OFF RAMP	EXIT 111
				W1-8 *	LT	SBD	OFF RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	SBD	ON RAMP	EXIT 111
				W1-8 *	LT	NBD	OFF RAMP	EXIT 114
				W1-8 *	LT	NBD	OFF RAMP	EXIT 114
				W1-8 *	LT	NBD	OFF RAMP	EXIT 114
				W1-8 *	LT	SBD	OFF RAMP	EXIT 114
				W1-8 *	LT	SBD	OFF RAMP	EXIT 114
				W1-8 *	LT	SBD	OFF RAMP	EXIT 114
				W1-8 *	LT	SBD	OFF RAMP	EXIT 114
				W1-8 *	LT	NBD	OFF RAMP	EXIT 116
				W1-8 *	LT	NBD	OFF RAMP	EXIT 116
				W1-8 *	LT	SBD	OFF RAMP	EXIT 116
				W1-8 *	LT	SBD	OFF RAMP	EXIT 116
				W1-8 *	LT	SBD	OFF RAMP	EXIT 116
				W1-8 *	LT	NBD	OFF RAMP	EXIT 120
				CONTINUED ON NEXT SHEET				
				*BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW BACKGROUND				

SPECIAL NOTES:
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2. SHEETING SIGNS SHALL BE FABRICATED FROM 0.125 GAUGE MATERIAL IF ANY DIMENSION IS GREATER THAN 36" (THIRTY-SIX INCHES), OTHERWISE 0.080 GAUGE MATERIAL SHALL BE USED.
3. SIGNS WITH A WIDTH OF 36" AND GREATER SHALL USE 2 POSTS.
4. 2" X 12 GA. POST(S) 5. 2.5" X 12 GA. POST(S) W/ SLIP BASE REQ'D. 6. 2.5" X 12 GA. POST(S)




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COUNTY OF	ITEM NO.
HOPKINS WEBSTER HENDERSON	2-232

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-22	36	48	 ④	W1-8 *	LT	NBD	OFF RAMP	EXIT 120
				W1-8 *	LT	SBD	OFF RAMP	EXIT 120
				W1-8 *	LT	SBD	OFF RAMP	EXIT 120
				W1-8 *	LT	NBD	OFF RAMP	EXIT 125
				W1-8 *	LT	NBD	OFF RAMP	EXIT 125
				W1-8 *	LT	SBD	OFF RAMP	EXIT 125
				W1-8 *	LT	SBD	OFF RAMP	EXIT 125
				*BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW BACKGROUND				
S-23								
S-24	48	60	 ⑤	W13-2 *	RT	NBD	OFF RAMP	EXIT 111
				W13-2 *	RT	NBD	OFF RAMP	EXIT 114
				*BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW BACKGROUND				
S-25	48	60	 ⑤	W13-2 *	RT	SBD	OFF RAMP	EXIT 111
				W13-2 *	RT	SBD	OFF RAMP	EXIT 114
				W13-2 *	RT	SBD	OFF RAMP	EXIT 116
				*BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW BACKGROUND				

SPECIAL NOTES:
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4. 2" X 12 GA. POST(S) 5. 2.5" X 12 GA. POST(S) W/ SLIP BASE REQ'D. 6. 2.5" X 12 GA. POST(S)



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HOPKINS WEBSTER HENDERSON	2-232

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-26	48	60		W13-2 *	RT	NBD	OFF RAMP	EXIT 125
				*BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW BACKGROUND				
S-27								
S-28	48	60		W13-3 *	RT	NBD	OFF RAMP	EXIT 114
				*BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW BACKGROUND				
S-29	48	60		W13-3 *	RT	SBD	OFF RAMP	EXIT 111
				W13-3 *	RT	SBD	OFF RAMP	EXIT 114
				W13-3 *	RT	SBD	OFF RAMP	EXIT 116
				*BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW BACKGROUND				

SPECIAL NOTES:
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COUNTY OF	ITEM NO.
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SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-30	48	60		W13-3 *	RT	NBD	OFF RAMP	EXIT 125
				*BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW BACKGROUND				
S-31	-	-		-	-	-	-	-
	-	-		-				
S-32	-	-		-	-	-	-	-
	-	-		-				
S-33	36	18		M3-1	RT	NBD	US 41	PR MP 12.10
	36	36		M1-4(41)				

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COUNTY OF	ITEM NO.
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SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-34	48	60		R3-5L	OH	NB	US 41	PR MP 16.29
				(SHOWN ON TRUSS IN SB PLAN VIEW)				
S-35	48	60		R3-5L	OH	NB	US 41	PR MP 16.29
				(SHOWN ON TRUSS IN SB PLAN VIEW)				
S-36	48	60		R3-5L	OH	NB	US 41	PR MP 16.29
				(SHOWN ON TRUSS IN SB PLAN VIEW)				
S-37	36	36	 ④	R3-8R	RT	NBD	I-69	MP 116.41

SPECIAL NOTES:
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COUNTY OF	ITEM NO.
HOPKINS WEBSTER HENDERSON	2-232

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-38								
S-39								
S-40								
S-41								





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HOPKINS WEBSTER HENDERSON	2-232

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-42	36	18		M3-1	RT	NBD	I-69	EXIT 111
	36	36		M1-1(69)	RT	NBD	I-69	EXIT 114
					RT	NBD	I-69	EXIT 116
					RT	NBD	I-69	EXIT 120
					RT	NBD	I-69	EXIT 125
					RT	NBD	I-69	EXIT 134
					RT	NBD	I-69	EXIT 140
S-43	36	18		M3-3	RT	SBD	I-69	EXIT 111
	36	36		M1-1(69)	RT	SBD	I-69	EXIT 114
					RT	SBD	I-69	EXIT 116
					RT	SBD	I-69	EXIT 120
					RT	SBD	I-69	EXIT 125
					RT	SBD	I-69	EXIT 134
					RT	SBD	I-69	EXIT 140
					RT	SBD	I-69	PR MP 147.68
S-44	24	12		M4-5	RT	SBD	KY 336	EXIT 111
	24	12		M3-1	RT	SBD	KY 336	EXIT 111
	24	24		M1-1(69)				
	21	15		M6-3				
S-45	24	12		M4-5	RT	WBD	KY 2171	EXIT 111
	24	12		M3-3				
	24	24		M1-1(69)				
	21	15		M6-3				





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COUNTY OF	ITEM NO.
HOPKINS WEBSTER HENDERSON	2-232

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-46	24	12		M4-5	RT	SBD	KY 366	EXIT 111
	24	12		M3-1				
	24	24		M1-1(69)				
	21	15		M5-1L				
S-47	24	12		M4-5	RT	SBD	KY 366	EXIT 111
	24	12		M3-1				
	24	24		M1-1(69)				
	21	15		M6-1L				
S-48	24	12		M4-5	RT	EBD	KY 2171	EXIT 111
	24	12		M3-3				
	24	24		M1-1(69)				
	21	15		M5-1L				
S-49	24	12		M4-5	RT	EBD	KY 2171	EXIT 111
	24	12		M3-3				
	24	24		M1-1(69)				
	21	15		M6-1L				





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HOPKINS WEBSTER HENDERSON	2-232

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-50	24	12	 ⑥	M4-5	RT	WBD	KY 2171	EXIT 111
	24	12		M3-3				
	24	24		M1-1(69)				
	21	15		M5-1R				
S-51	24	12	 ⑥	M4-5	RT	WBD	KY 2171	EXIT 111
	24	12		M3-3				
	24	24		M1-1(69)				
	21	15		M6-1R				
S-52	24	12	 ④	M3-3	RT	SBD	KY 366	EXIT 111
	24	24		M1-1(69)	RT	WBD	KY 70	EXIT 114
	21	15		M5-1L	RT	WBD	KY 281	EXIT 116
					RT	WBD	KY 260	EXIT 120
					RT	WBD	KY 138	EXIT 125
					RT	WBD	KY 56	EXIT 134
					RT	WBD	KY 416	EXIT 140
S-53	24	12	 ④	M3-3	RT	SBD	KY 366	EXIT 111
	24	24		M1-1(69)	RT	WBD	KY 70	EXIT 114
	21	15		M6-1L	RT	WBD	KY 281	EXIT 116
					RT	WBD	KY 260	EXIT 120
					RT	WBD	KY 138	EXIT 125
					RT	WBD	KY 56	EXIT 134
					RT	WBD	KY 416	EXIT 140




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COUNTY OF	ITEM NO.
HOPKINS WEBSTER HENDERSON	2-232

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-54	24	12	 ④	M3-1	RT	EBD	KY 2171	EXIT 111
	24	24		M1-1(69)	RT	EBD	KY 70	EXIT 114
	21	15		M5-1L	RT	EBD	KY 281	EXIT 116
					RT	EBD	KY 260	EXIT 120
					RT	EBD	KY 138	EXIT 125
					RT	EBD	KY 56	EXIT 134
					RT	EBD	KY 416	EXIT 140
S-55	24	12	 ④	M3-1	RT	EBD	KY 2171	EXIT 111
	24	24		M1-1(69)	RT	EBD	KY 70	EXIT 114
	21	15		M6-1L	RT	EBD	KY 281	EXIT 116
					RT	EBD	KY 260	EXIT 120
					RT	EBD	KY 138	EXIT 125
					RT	EBD	KY 56	EXIT 134
					RT	EBD	KY 416	EXIT 140
S-56	24	12	 ④	M3-1	RT	WBD	KY 2171	EXIT 111
	24	24		M1-1(69)				
	21	15		M6-1R				
S-57	24	12	 ④	M3-3	RT	NBD	KY 366	EXIT 111
	24	24		M1-1(69)	RT	EBD	KY 70	EXIT 114
	21	15		M5-2R	RT	EBD	KY 281	EXIT 116
					RT	EBD	KY 260	EXIT 120
					RT	EBD	KY 138	EXIT 125
					RT	EBD	KY 56	EXIT 134
					RT	EBD	KY 416	EXIT 140

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	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-58	24	12	 ④	M3-1	RT	WBD	KY 70	EXIT 114
	24	24		M1-1(69)	RT	WBD	KY 281	EXIT 116
	21	15		M5-2R	RT	WBD	KY 260	EXIT 120
					RT	WBD	KY 138	EXIT 125
					RT	WBD	KY 56	EXIT 134
					RT	WBD	KY 416	EXIT 140
S-59	24	12	 ④	M3-1	RT	WBD	KY 70	EXIT 114
	24	24		M1-1(69)	RT	WBD	KY 281	EXIT 116
	21	15		M6-2R	RT	WBD	KY 260	EXIT 120
					RT	WBD	KY 138	EXIT 125
					RT	WBD	KY 56	EXIT 134
					RT	WBD	KY 416	EXIT 140
S-60	24	12	 ④	M3-3	RT	NBD	KY 366	EXIT 111
	24	24		M1-1(69)	RT	EBD	KY 70	EXIT 114
	21	15		M6-2R	RT	EBD	KY 281	EXIT 116
					RT	EBD	KY 260	EXIT 120
					RT	EBD	KY 138	EXIT 125
					RT	EBD	KY 56	EXIT 134
					RT	EBD	KY 416	EXIT 140

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SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-61	24	12		M3-1	RT	EBD	KY 2171	EXIT 111
	24	24		M1-1(69)	RT	EBD	KY 2171	EXIT 111
	21	15		M6-3	RT	EBD	KY 70	EXIT 114
					RT	EBD	KY 70	EXIT 114
					RT	EBD	KY 281	EXIT 116
					RT	EBD	KY 281	EXIT 116
					RT	EBD	KY 260	EXIT 120
					RT	EBD	KY 260	EXIT 120
					RT	EBD	KY 138	EXIT 125
					RT	EBD	KY 138	EXIT 125
					RT	EBD	KY 56	EXIT 134
					RT	EBD	KY 56	EXIT 134
					RT	EBD	KY 416	EXIT 140
					RT	EBD	KY 416	EXIT 140
S-62	24	12		M3-3	RT	WBD	KY 70	EXIT 114
	24	24		M1-1(69)	RT	WBD	KY 70	EXIT 114
	21	15		M6-3	RT	WBD	KY 281	EXIT 116
					RT	WBD	KY 281	EXIT 116
					RT	WBD	KY 260	EXIT 120
					RT	WBD	KY 260	EXIT 120
					RT	WBD	KY 138	EXIT 125
					RT	WBD	KY 138	EXIT 125
					RT	WBD	KY 56	EXIT 134
					RT	WBD	KY 56	EXIT 134
					RT	WBD	KY 416	EXIT 140
					RT	WBD	KY 416	EXIT 140

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SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES		MESSAGES ①	SPECIFICATION	SIGN LOCATION			
	HORIZ.	VERT.			SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-63	21	15		M2-1	RT	SBD	KY 366	EXIT 111
	24	24		M1-1(69)	RT	EBD	KY 2171	EXIT 111
					RT	EBD	KY 70	EXIT 114
					RT	WBD	KY 70	EXIT 114
					RT	EBD	KY 281	EXIT 116
					RT	WBD	KY 281	EXIT 116
					RT	EBD	KY 260	EXIT 120
					RT	WBD	KY 260	EXIT 120
					RT	EBD	KY 138	EXIT 125
					RT	WBD	KY 138	EXIT 125
					RT	EBD	KY 56	EXIT 134
					RT	WBD	KY 56	EXIT 134
					RT	EBD	KY 416	EXIT 140
					RT	WBD	KY 416	EXIT 140

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GENERAL NOTES

GALVANIZED CANTILEVER (MODIFIED)

SPECIFICATIONS

All References to the Standard Specifications are to the Current Edition of the Kentucky Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN

Designed in Accordance with Specifications for the Design and Construction of Structural Supports for Highway Signs published by AASHTO, 1988 with the Wind Reduced to 80 MPH, in Accordance with IM 40-1-69 of The Federal Highway Administration.

SUPERELEVATION OF ROADWAY

The Contractor shall allow for differences in elevation across the full shoulder width as shown on the Roadway Plans in Maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest overpass. The sign shall be supported on the embankment over the lane or lanes to which it applies unless shown otherwise.

CONCRETE

Class "A" Concrete is to be used throughout.

BEVELED EDGES

All exposed concrete edges are to be Beveled $\frac{3}{4}$ " unless otherwise shown.

REINFORCEMENT

Dimensions from face of concrete to bars are clear distances except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS

The Contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review FABRICATION

The sign support shall be fabricated in accordance with the specifications. All metal components of the support except the stainless steel hardware shall be Hot-Dip galvanized after all fabrication has been completed. The galvanized material shall be loaded, hauled and handled in such a manner as to avoid damage to the zinc coating. Damaged or damaged surfaces shall be galvanized or repaired by painting with coats of Zinc Oxide, Zinc Dust paint conforming to the requirements of Federal Specification MIL-P-15145. The paint is to be properly compounded in a suitable vehicle in the ratio of one part Zinc Oxide to four parts Zinc Dust, by weight. All repairs are to be as directed by the Engineer.

MILL TEST REPORTS

Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the Specifications.

WELDING SPECIFICATION

All Welding and Welding Materials, except for reinforcement, shall conform to "Joint Specification ANSI/AASHTO/AWS D1. 5-2010 Bridge Welding Code."

MATERIAL SPECIFICATIONS

The following ASTM designations shall govern all materials used.

ASTM Material

A53 Grade B Steel Pipe Galvanized in accordance with ASTM-123

A36 Structural Shapes, Plates, Bars and Anchor Bolts, Galvanized in accordance with ASTM A-123

A320 Stainless Steel Hardware - Nuts, Bolts, Washers and Screws.

A106 Grade B Seamless Carbon Steel Pipe Galvanized in accordance with ASTM A-123, may be used for pipe less than 24".

A27 Carbon Steel Casting, Grade 70-36

FOOTINGS

The Footings shall be poured against undisturbed Earth and is designed to transfer no more than 1/2 tons Per Square Foot Bearing Pressure to the soil under any design loading condition.

VERTICAL DIMENSIONS

Vertical Dimension H shall not exceed 27' and the combined Dimensions H + F shall not exceed 36'.

ROADWAY CROSS SECTION

The Contractor shall take field measurements at each sign location and develop a cross section showing the sign footing heights and Elevations, and submit the same to the engineer for approval before ordering any sign components. This cost is included in the unit price bid for Roadway Cross Sections. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA

Designed for a sign area of 250 sq. ft.

WELDING CERTIFICATION

Welders fabricating the cantilever/s shall be certified according to the requirements of AWS 1.5. Submit proof of certification to the Engineer.

FABRICATOR CERTIFICATION

The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

DATE:	Jun. 2015	CHECKED BY	
DESIGNED BY:	Standard Sheet E. Kilgore		
DETAILED BY:			
Commonwealth of Kentucky			
DEPARTMENT OF HIGHWAYS			
COUNTY			
HOPKINS			
ROUTE	L-69 SB	ITEM NUMBER	2-232
SHEET NO.			
DRAWING NO.			
DESIGNED BY			
DIVISION OF Structural Design			
PROJECT NO.			
DRAWING NO.			

W6" x 8.5"	
SIGN LENGTH	REOD. NO.
0'-0" Thru 8'-0"	2
8'-1" Thru 12'-0"	3
12'-1" Thru 16'-0"	4
16'-1" Thru 20'-0"	5
20'-1" Thru 24'-0"	6



FILE NAME:	U:\Bridges\T\Tosign support\Hopkins Co. 2-232\CANILEVER MP 116.34 1-69 NB.dgn
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GENERAL NOTES
75'-105' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class "A" Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each sign location and develop a cross section showing the Sign Footing Heights and elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for 'Roadway Cross Section'. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 700 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple),

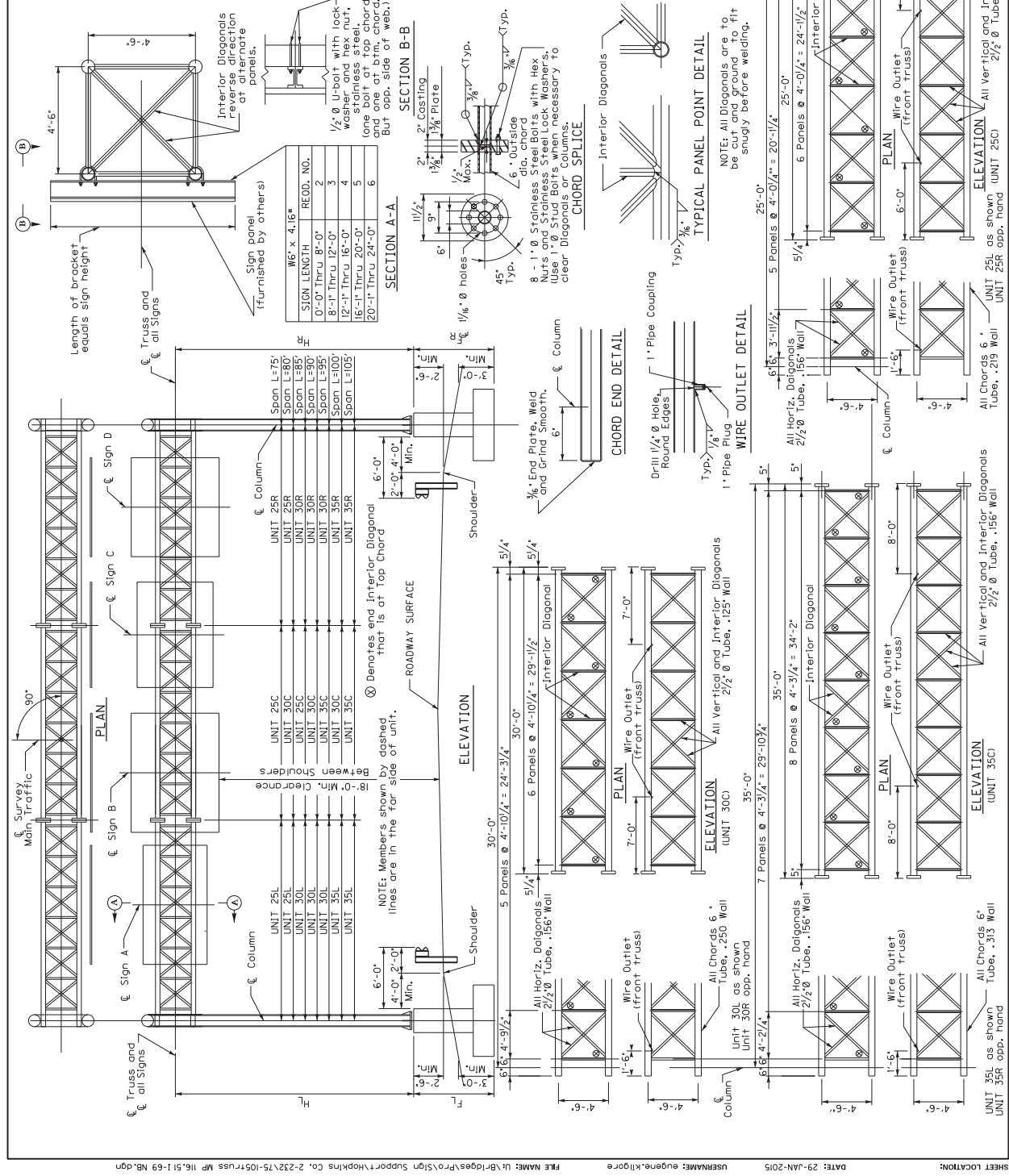
DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY: HOPKINS		
ROUTE	1-69 NB	11TH NUMBER 2-232
SHEET NO. 75'-105' OVERHEAD SIGN SUPPORT		
DRAWING NO. 4		
APPROVED BY Division of Structural Design		

Support No.	STATION	SPAN	SUPPORT HEIGHT	FOOTING HEIGHT
2	M.P. 116.51	85'	22'	8'
Yield Area				
398.75	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area
	P-18 17' 10"	P-19 17.5' 11.5'	P-20 17.5' 11.5'	P-21 17.5' 11.5'
	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area

• Area Includes Exit Number Signs that are not shown.

• Total Area includes the sum of all of the signs on the structure and shall not exceed 100 square feet.

A Registered professional engineer licensed to practice in the Commonwealth of Kentucky shall fill out the chart above based on the design cross section at the locations where the truss is to be erected, the actual signs to be used on the truss, and the instructions herein. The engineer's name is to appear in the 'Checked By' box (***). The engineer is responsible for verifying the information and for reviewing the contractor's submitted cross sections and for reviewing the fabricator's shop drawings in detail.



DATE: Jun. 2015	CHECKED BY: E. Kilgore
DESIGNED BY: Standard Sheet E. Kilgore	DETAILED BY:
COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	
ROUTE I-69 NB	COUNTY HOPKINS
17th NUMBER 2-232	PROJECT NUMBER 75'-105' OVERHEAD SIGN SUPPORT
DIVISION OF Structural Design	

L	X
75	2 1/4"
80	2 1/2"
85	2 3/4"
90	3"
95	3 1/4"
100	3 1/2"
105	3 3/4"

SHEET LOCATION:	DATE: 29-JAN-2015	USERNAME: eugene.kilgore	FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-232\75-1051russ MP 116.51 1-69 NB.dgn
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GENERAL NOTES

GALVANIZED CANTILEVER (MODIFIED)

SPECIFICATIONS

All References to the Standard Specifications are to the Current Edition of the Kentucky Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN

Designed in Accordance with Specifications for the Design and Construction of Structural Supports for Highway Signs published by AASHTO, 1988 with the Wind Reduced to 80 MPH, in Accordance with IM 40-1-69 of The Federal Highway Administration.

SUPERELEVATION OF ROADWAY

The Contractor shall allow for differences in elevation across the full shoulder width as shown on the Roadway Plans in Maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest overpass. The sign shall be supported on the shoulder over the lane or lanes to which it applies unless shown otherwise.

CONCRETE

Class "A" Concrete is to be used throughout.

BEVELED EDGES

All exposed concrete edges are to be Beveled $\frac{3}{4}$ " unless otherwise shown.

REINFORCEMENT

Dimensions from face of concrete to bars are clear distances except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS

The Contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review FABRICATION

The sign support shall be fabricated in accordance with the specifications. All metal components of the support except the stainless steel hardware shall be Hot-Dip galvanized after all fabrication has been completed. The galvanized material shall be loaded, hauled and handled in such a manner as to avoid damage to the galvanized surface. Damaged surfaces shall be galvanized or repaired by painting with coats of Zinc Oxide, Zinc Dust paint conforming to the requirements of Federal Specification MIL-P-15145. The paint is to be properly compounded in a suitable vehicle in the ratio of one part Zinc Oxide to four parts Zinc Dust, by weight. All repairs are to be as directed by the Engineer.

MILL TEST REPORTS

Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the Specifications.

WELDING SPECIFICATION

All Welding and Welding Materials, except for reinforcement, shall conform to "Joint Specification ANSI/AASHTO/AWS D1. 5-2010 Bridge Welding Code."

MATERIAL SPECIFICATIONS

The following ASTM designations shall govern all materials used.

ASTM Material

A53 Grade B Steel Pipe Galvanized in accordance with ASTM-123

A36 Structural Shapes, Plates, Bars and Anchor Bolts, Galvanized in accordance with ASTM A-123

A320 Stainless Steel Hardware - Nuts, Bolts, Washers and Screws.

A106 Grade B Seamless Carbon Steel Pipe Galvanized in accordance with ASTM A-123, may be used for pipe less than 24".

A27 Carbon Steel Casting, Grade 70-36

FOOTINGS

The Footings shall be poured against undisturbed Earth and is designed to transfer no more than 1/2 tons Per Square Foot of Bearing Pressure to the soil under any design loading condition.

VERTICAL DIMENSIONS

Vertical Dimension H shall not exceed 27' and the combined Dimensions H + F shall not exceed 36'.

ROADWAY CROSS SECTION

The Contractor shall take field measurements at each sign location and develop a cross section showing the sign footing heights and Elevations, and submit the same to the engineer for approval before ordering any sign components. This cost is included in the unit price bid for Roadway Cross Sections. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA

Designed for a sign area of 250 sq. ft.

WELDING CERTIFICATION

Welders fabricating the cantilever/s shall be certified according to the requirements of AWS 1.5. Submit proof of certification to the Engineer.

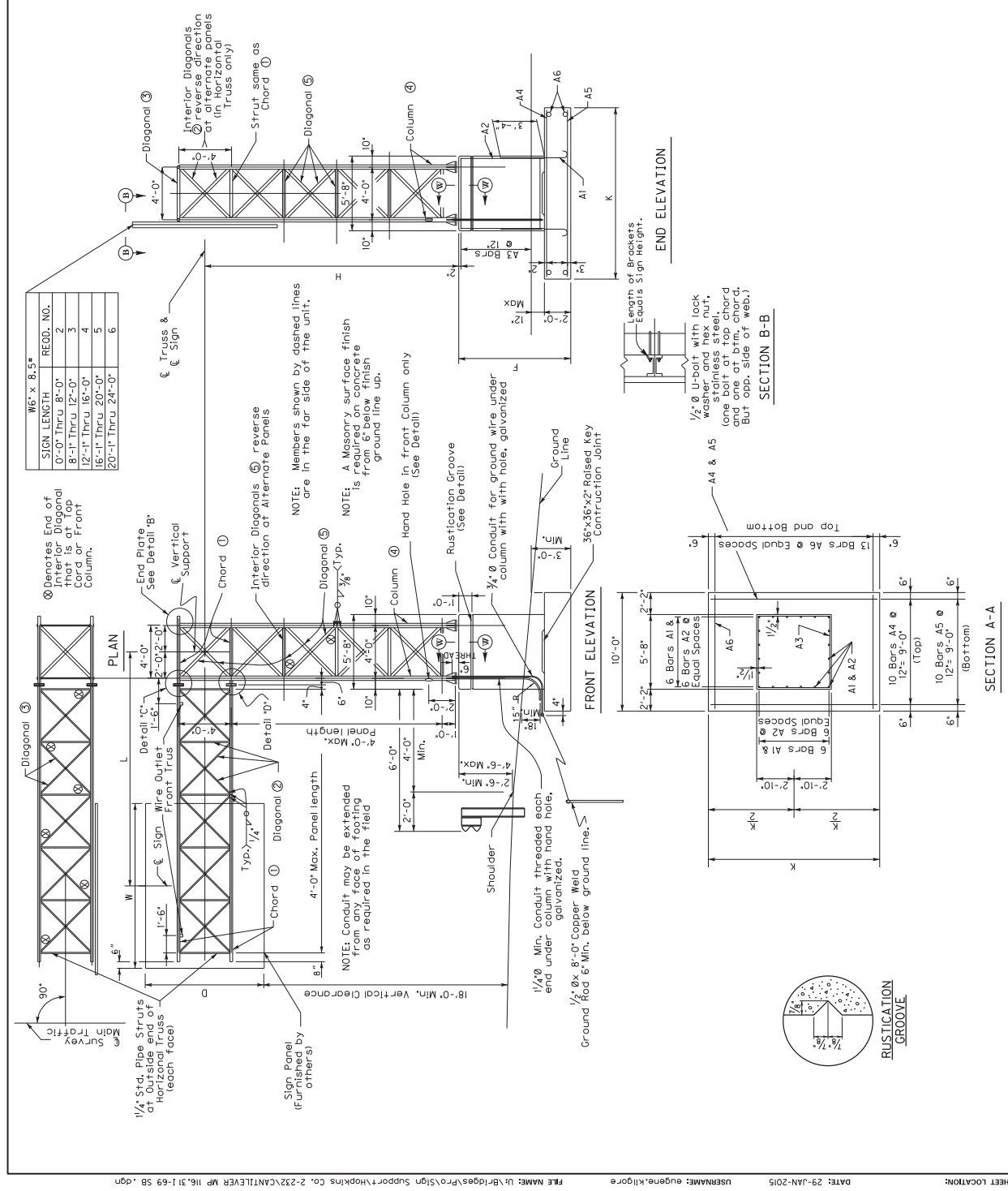
FABRICATOR CERTIFICATION

The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

DATE:	Jun. 2015	CHECKED BY	
DESIGNED BY:	Standard Sheet E. Kilgore		
DETAILED BY:			
Commonwealth of Kentucky			
DEPARTMENT OF HIGHWAYS			
COUNTY			
HOPKINS			
ROUTE	L-69 SB	ITEM NUMBER	2-232
PROPOSED BY			
SHEET NO.			
DRAWING NO.			
7			
DIVISION of Structural Design			

GALVANIZED CANTILEVER (MODIFIED)

DATE: Jan. 2015		CHECKED BY
DESIGNED BY: Standard Sheet E. Kilgore		
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY: HOPKINS		
ROUTE 1409 SB	TIER NUMBER 2-232	
<i>GALVANIZED CANTILEVER (MODIFIED)</i>		
PREPARED BY		SHEET NO. 8
Division of Structural Design		DRAWING NO. C



GENERAL NOTES

110'-140' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class 'A' Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6S11
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each Sign location and develop a cross section showing the Sign Footing Heights and elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for 'Roadway Cross Section'. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 800 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

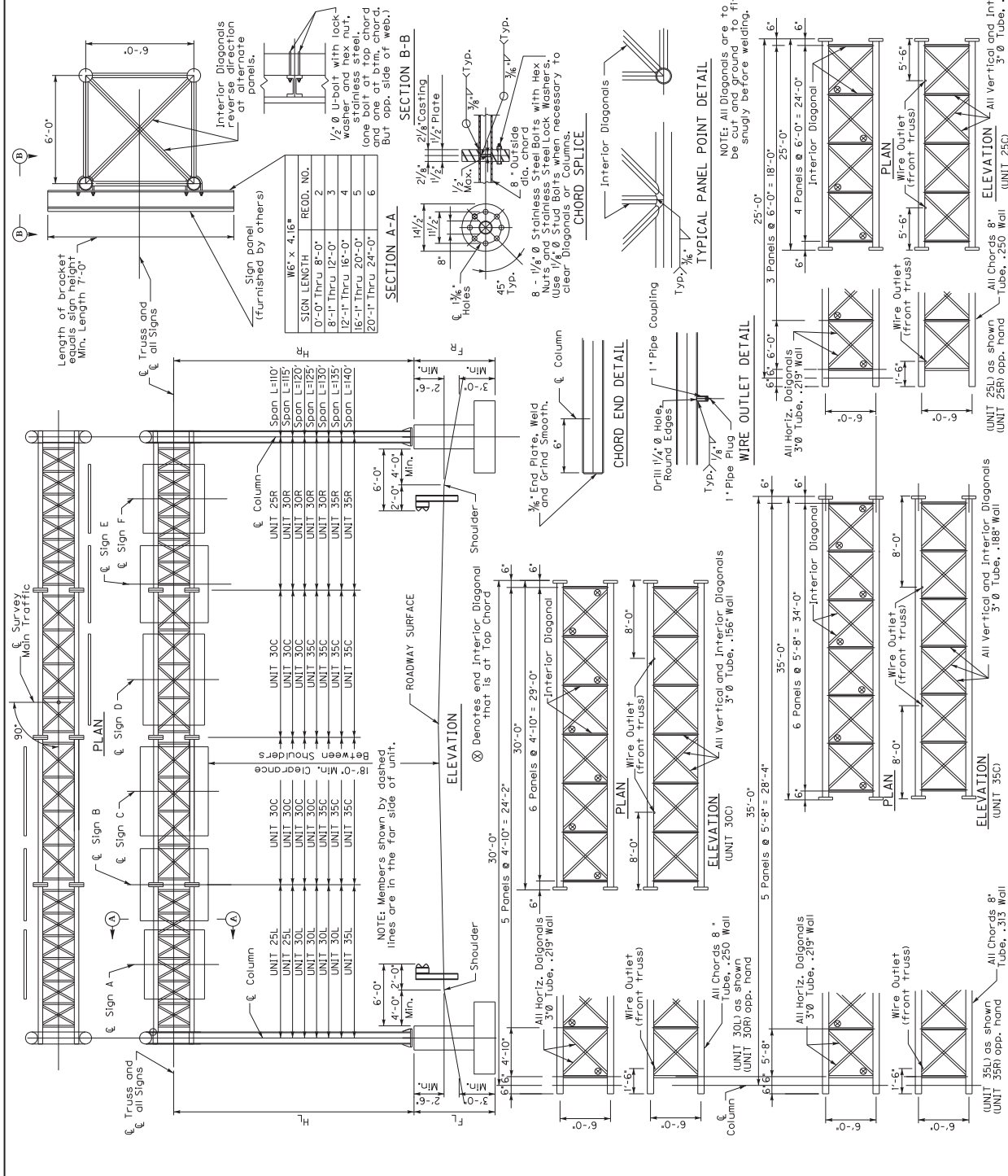
DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet	E. Kilgore
DETAILED BY:		
Commonwealth of Kentucky		
DEPARTMENT OF HIGHWAYS		
COUNTY:		
HENDERSON		
ROUTE	ITEM NUMBER	
US 41	2-232	
110'-140' OVERHEAD SIGN SUPPORT		
DESIGNED BY		DRAWN BY
Division of Structural Design		10

121GR15D007-NH

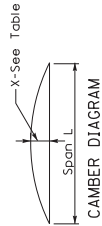
Support No.	STATION	SPAN	SUPPORT HEIGHT			FOOTING HEIGHT	F	7'
			L	H _L	H _R			
4	MP 15, 78	110'	23'	22'				
Total Area = 525.5	SIGN A		SIGN B			SIGN C		
	I.D. Horiz Vert.	Area*	I.D. Horiz Vert.	Area	I.D. Horiz Vert.	Area		
	P218 14'	8.5'	P219 15'	12.5'	P220 19'	8.5'	P202 19'	
	SIGN D		SIGN E			SIGN F		
	I.D. Horiz Vert.	Area	I.D. Horiz Vert.	Area	I.D. Horiz Vert.	Area		

- Area includes Exit Number Signs that are not shown.
- Total Area includes the sum of all of the signs on the structure and shall not exceed 800 square feet.

A registered professional engineer licensed to practice in the Commonwealth of Kentucky shall fill out the chart above based on the design cross section at the location where the truss to be erected, the actual signs to be erected, and the design drawings. The engineer's name is to appear in the "Checked By" box of the title block on each sheet. The engineer is responsible for verifying the information based on the design drawings and shop drawings and for reviewing the fabricator's shop drawings in detail.



L	X
110	4°
115	4 1/4°
120	4 1/2°
125	4 3/4°
130	5°
135	5 1/4°
140	5 1/2°



DATE:	Jan. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Algora	
DETAILED BY:		
COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS COUNTY		
HENDERSON		
SCALE:	US 41	11TH EDITION
2-2-32		
110'-140' OVERHEAD SIGN SUPPORT		
PREPARED BY		SHEET NO.
Division of Structural Design		11
		ISSUING NO.
		C

SHEET LOCATION:	DATE: 29-JAN-2015	USERNAME: eugene.kilgore	FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-232\110-140truss MP 15, 78 US 41 NB.dgn
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GENERAL NOTES
110'-140' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class 'A' Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review and approval. The Shop Drawings shall be in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each Sign location and develop a cross section showing the Sign Footing Heights and elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for 'Roadway Cross Section'. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 800 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

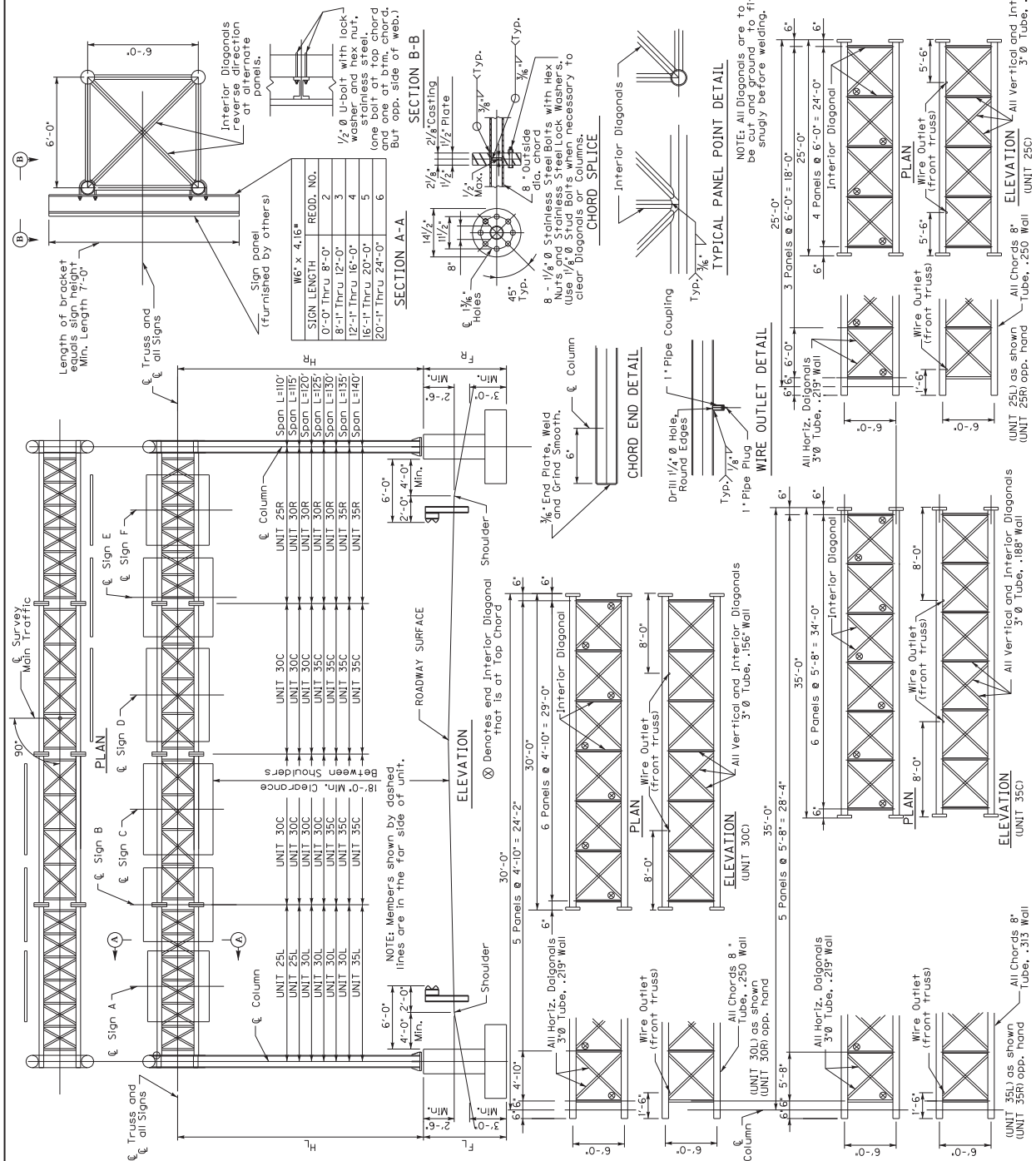
DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet	E. Kilgore
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY: HENDERSON		
ROUTE	ITEM NUMBER	
US 41	2-232	
110'-140' OVERHEAD SIGN SUPPORT		
DESIGNED BY		
Reviewed by		
Division of Structural Design		
DRAWING NO.		

121GR15D007-NH

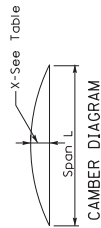
Support No.	STATION	SPAN L	SUPPORT HEIGHT H ₁	FOOTING HEIGHT F ₁	SPKINS H ₂	BEAMS H ₃
5	MP 16.13	120'	26'	23'	8'	8'
Total Area	I.D. Horiz./Vert.	Area	I.D. Horiz./Vert.	Area	I.D. Horiz./Vert.	Area
	P225 13'	7.5'	P230 17'	10.5'	P231 11.5'	8'
	661.75	97.5	178.5	178.5	120.5	120.5
	SIGN D		SIGN E		SIGN F	
	I.D. Horiz./Vert.	Area	I.D. Horiz./Vert.	Area	I.D. Horiz./Vert.	Area
	P232 17.5'	13.5'	P232 17.5'	13.5'	P232 17.5'	13.5'

- Area includes Exit Number Signs that are not shown.
- Total Area includes the sum of all of the signs on the structure and shall not exceed 800 square feet.

A registered professional engineer licensed to practice in the Commonwealth of Kentucky shall fill out the chart above based on the design cross section at the location where the process is to be erected. The actual signs to be erected on the tower shall be the same as the design. The engineer's name is to appear in the "Checked By" box of the title block on each sheet. The engineer is responsible for verifying the information based on the drawings and shop drawings in detail, and for reviewing the fabricator's shop drawings in detail.



L	X
110	4°
115	4 1/4°
120	4 1/2°
125	4 3/4°
130	5°
135	5 1/4°
140	5 1/2°



DATE: JUN. 2015	CHECKED BY:
DESIGNED BY: Standard Sheet E. Kluge	
DETAILED BY:	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS	
COUNTY	
HENDERSON	
ROUTE US 41	TYP. NUMBER 2-232
110'-140' OVERHEAD SIGN SUPPORT PREPARED BY Division of Structural Design	
SHEET NO. 14	DRAWING NO. C

SHEET LOCATION:	DATE: 29-JAN-2015	USERNAME: eugene.kilgore	FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-23\110-140+russ MP 16.13 US 41 SB.dgn
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GENERAL NOTES
75'-105' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class 'A' Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HL + FL) shall not exceed 36 feet. The combined Dimensions (HR + FR) shall be 37 feet. (The footing for this Truss was designed to carry a figured load that applied to this specific Truss)

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each sign location and develop a cross section showing the Sign Footing Heights and elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for 'Roadway Cross Section'. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 700 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple),

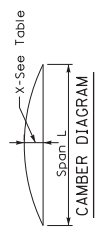
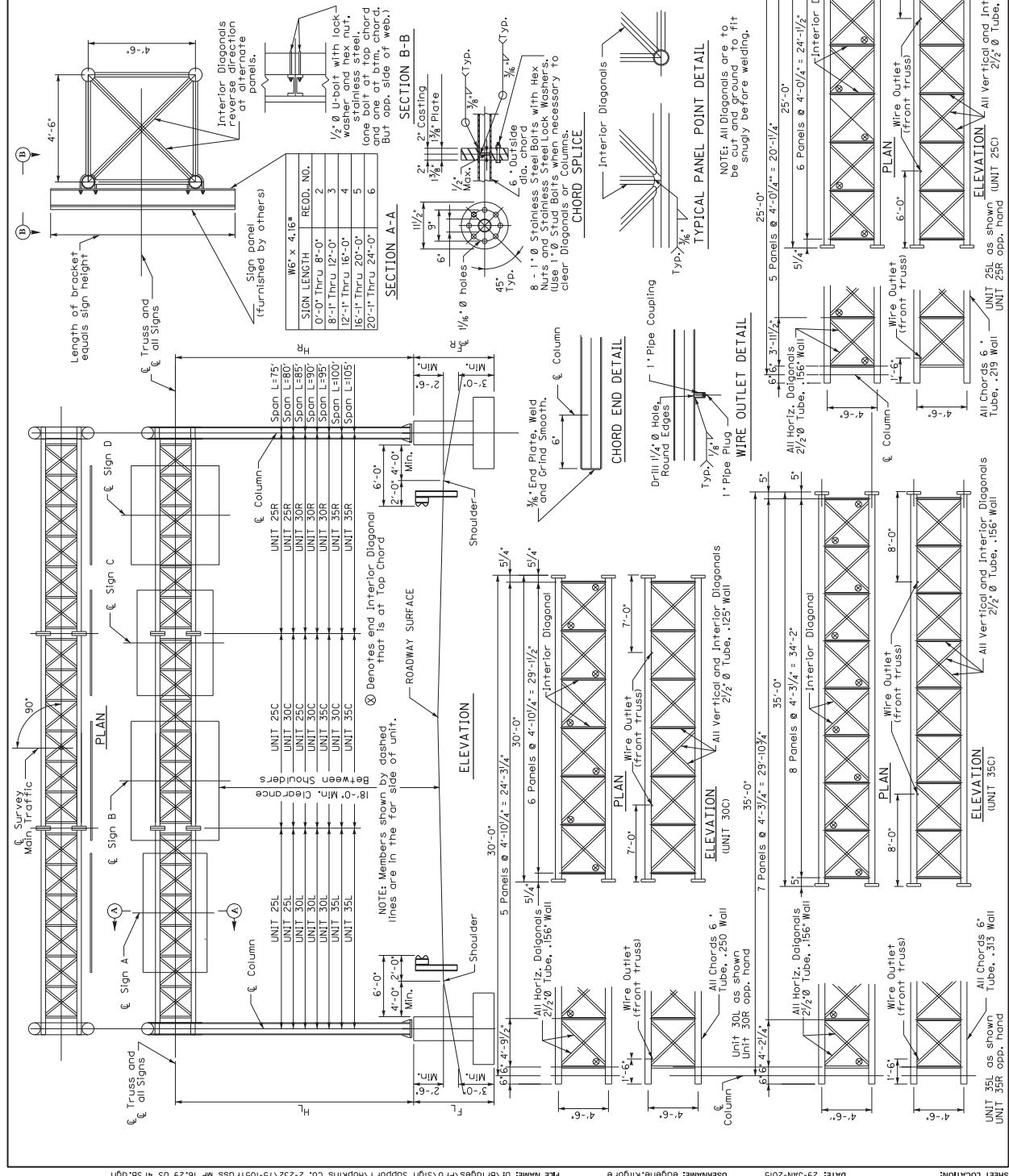
DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE US 41	LOT# NUMBER 2-232	
75'-105' OVERHEAD SIGN SUPPORT		
DESIGNED BY 16		
Division of Structural Design		

121GR15D007-NH000

HENDERSONSON - HOPKINS WEBSTER COUNTIES

Support No.	STATION	SPAN	SUPPORT HEIGHT	FOOTING HEIGHT
6	M.P. 16.29	105'	27'	10'
Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area
404.5	35R 4' 5' 20' R35d	4' 5' 20' R35d	4' 5' 20' R35d	4' 5' 20' R35d
	Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area
	P227 11.5' 8' 120.75P228 15' 13' 123.75			

- Area includes Exit Number Signs that are not shown.
 - Total Area includes the sum of all of the signs on the structure and shall not exceed 700 square feet.
- A Registered Professional Engineer licensed to practice in the Commonwealth of Kentucky shall fill out the chart above based on the design cross section at the locations where the truss is to be erected, the actual signs to be used on the truss, and the instructions herein. The engineer's name is to appear in the "Checked By" box of the title block on each sheet. The engineer is responsible for verifying the information and based on the contractor's submitted cross sections and for reviewing the fabricator's shop drawings in detail.



DATE:	Jun. 2015	CHECKED BY:	E. Kilgore
DESIGNED BY:	Standard Sheet	DETAILED BY:	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS			
COUNTY: HENDERSON			
ROUTE	US 41	17th NAME	2-232
75'-105' OVERHEAD SIGN SUPPORT			
PREPARED BY: Division of Structural Design			
SHEET NO.	17	DRAWING NO.	

L	X
75	2 1/4
80	2 1/2
85	2 3/4
90	3
95	3 1/4
100	3 1/2
105	3 3/4

SHEET LOCATION:

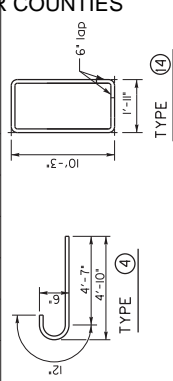
DATE: 29-JAN-2015

USERNAME: eugene.kilgore

FILE NAME: U:\Bridges\Proj\Sign Support\Hopkins Co. 2-232\75-105\truss MP 16.29 US 41 SB.dgn

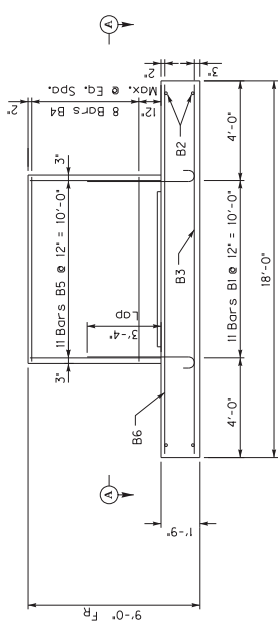
SHEET LOCATION:	DATE: 29-JAN-2015	USERNAME: eugene.kilgore	FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-232\75-105\truss MP 16.29 US 41 SB.dgn
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BILL OF REINFORCEMENT FOR FOOTING					
MARK	TYPE	NO.	LENGTH		LOCATION
			FT.	IN.	
B1	4	24	#6	5	7
B2	S1r	36	#5	6	7
B3	S1r	7	#8	17	7
B4	14	8	#4	25	1
B5	S1r	24	#5	7	1
B6	S1r	7	#5	17	8
					Footing

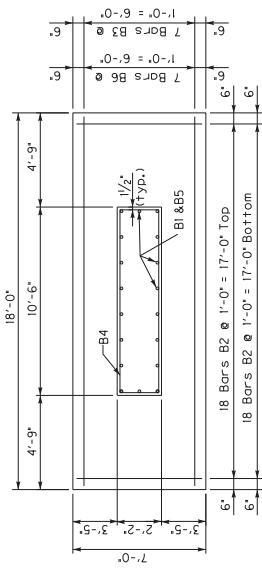


• ESTIMATE OF QUANTITIES FOR LEFT FOOTING	
Conc. Class "A"	Reinforcement
14.3 Cu.Yd.	1218 lbs.

• Approx. estimate is for information only. Tabulated FL and FR shall be verified by the Engineer in the field.



SIDE ELEVATION



SECTION A-A

DATE:	Jun. 2015	CHECKED BY	
DESIGNED BY:	Standard Sheet E. Kilgore		
DETAILED BY:			
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS			
COUNTY HENDERSON			
ROUTE US 41	17th NUMBER 2-232		
75'-105' OVERHEAD SIGN SUPPORT			
DIVISION OF STRUCTURAL DESIGN			

MEDIAN FOOTING

GENERAL NOTES
50'-70' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class 'A' Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

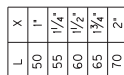
ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
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B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each Sign location and develop a cross section showing the Sign Footing Heights and Elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for 'Roadway Cross Section'. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 600 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

A registered professional engineer, licensed to practice in the Commonwealth of Kentucky, shall fill out the chart above based on the design cross section and the location where the truss is to be erected. The design is to be checked by the engineer's name to appear in the "Checked By" box (***). The engineer is responsible for verifying the information based on the contractor's submitted cross sections and for reviewing the fabricator's shop drawings in detail.



Span L

CAMBER DIAGRAM

X-See Table

DATE:	Jan., 2015	CHECKED BY	
DESIGNED BY:	Standard Sheet E. Kilgore		
DETAILED BY:			

Commonwealth of Kentucky

DEPARTMENT OF HIGHWAYS

HENDERSON

COUNTY

DATE	NOV 41	11/10/2015	2-232
------	--------	------------	-------

50'-70' OVERHEAD SIGN SUPPORT

PREPARED BY

Division of Structural Design

SHEET NO.	21
DRAWING NO.	

SHEET LOCATION:	DATE: 29-JAN-2015	USERNAME: eugene.kilgore	FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-232\50-70truss MP 14.25 US 41 SB.dgn
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GENERAL NOTES
50'-70' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

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CONCRETE: Class 'A' Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

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MAXIMUM SIGN AREA: Designed for a sign area of 600 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE US 41	LOT# NUMBER 2-232	
SHEET NO. 50'-70' OVERHEAD SIGN SUPPORT		
DRAWING NO. 23 Division of Structural Design		

FILE NAME: U:\Bridges\Proj\Sign Support\Hopkins Co. 2-232150-70truss MP 13.13 US 41 SB.dgn

USER NAME: eugene.kilgore

DATE: 29-JUN-2015

PROJECT LOCATION: UNIT 35 L AS SHOWN

PLAN

Survey Main Traffic

90°

Truss and all signs

Sign A

Sign B

Sign C

Column

Span L=50'

Span L=55'

Span L=60'

Span L=65'

Span L=70'

UNIT 25L

UNIT 30L

UNIT 35L

UNIT 25L

UNIT 30L

UNIT 35L

Between Shoulders

18'-0" Min. Clearance

Shoulder

6'-0"

4'-0" 2'-0"

Min.

FL

3'-0"

Min.

2'-6"

Min.

9"

30'-0"

30'-0"

5'

10 Panels @ 2'-10 1/8" = 29'-0 3/4"

All Horiz. Diagonals 1 1/4" Tube, .188" Wall

Interior Diagonal

Wire Outfront truss

10'-0"

19'-0"

30'-0"

3'-0"

1'-6"

PLAN

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SHEET LOCATION:	DATE: 29-JAN-2015	USERNAME: eugene.kilgore	FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-232\50-70truss MP 13.73 US 41 SB.dgn
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GENERAL NOTES

50'-70' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

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CONCRETE: Class "A" Concrete is to be used throughout.

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B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

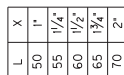
ROADWAY CROSS SECTION: The Contractor shall take field measurements at each Sign location and develop a cross section showing the Sign Footing Heights and Elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for "Roadway Cross Section". A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 600 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky		
DEPARTMENT OF HIGHWAYS		
COUNTY		
HENDERSON		
ROUTE	US 41	UTM NUMBER
		2-232
SHEET NO.		
50'-70' OVERHEAD SIGN SUPPORT		26
DIVISION OF Structural Design		

A registered professional engineer, licensed to practice in the Commonwealth of Kentucky, shall use the character of the title "Professional Engineer" and the character of the word "Engineer" in the design cross section and the title block on the title page of the drawings. The actual signature to be used on the drawings is the initials of the engineer, followed by the word "Engineer" and the instructions herein. The engineer's name is to appear in the "Checked By" box of the title block on each sheet. The engineer is responsible for verifying the information based on the contractor's submitted cross sections and for reviewing the fabricator's shop drawings in detail.



Span L

CAMBER DIAGRAM

X-See Table

DATE:	Jan., 2015	CHECKED BY	
DESIGNED BY:	Standard Sheet E. Kilgore		
DETAILED BY:			

Commonwealth of Kentucky

DEPARTMENT OF HIGHWAYS

HENDERSON

COUNTY

DATE	NOV 41	11/10/2015	2-232
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50'-70' OVERHEAD SIGN SUPPORT

PREPARED BY

Division of Structural Design

SHEET NO.	27
DRAWING NO.	C

[illegible]

GENERAL NOTES
50'-70' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class 'A' Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each Sign location and develop a cross section showing the Sign Footing Heights and Elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for 'Roadway Cross Section'. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 600 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE US 41	LOT# NUMBER 2-232	
SHEET NO. 50'-70' OVERHEAD SIGN SUPPORT		
DRAWING NO. 29		
DIVISION Division of Structural Design		

FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-232\50-70+us MP 11.82 US 41.dgn	USERNAME: eugene.kilgore	DATE: 29-JAN-2015	SHEET LOCATION:
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SHEET LOCATION:	DATE: 29-JAN-2015	USERNAME: eugene.kilgore	FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-232\50-70truss MP 11.82 US 41.dgn
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GENERAL NOTES
50'-70' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class 'A' Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

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B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

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MAXIMUM SIGN AREA: Designed for a sign area of 600 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

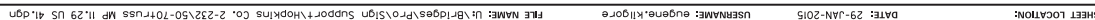
DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE	US 41	UTM NUMBER 2-232
SHEET NO. 50'-70' OVERHEAD SIGN SUPPORT		
DRAWING NO. Division of Structural Design		

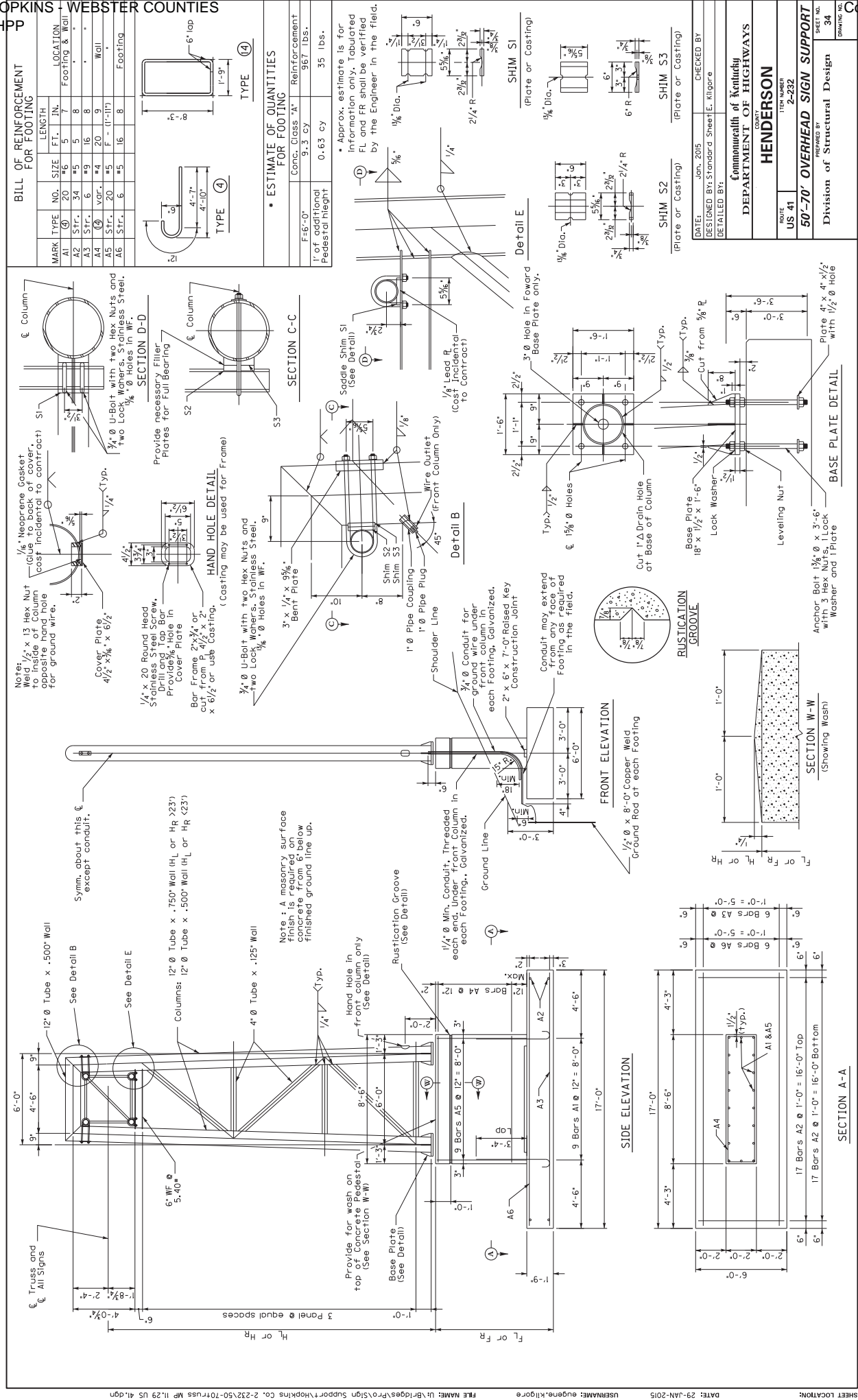
A registered professional engineer licensed to practice in the Commonwealth of Kentucky shall fill out the information above the designated sections of the information sheet where the title is indicated. The actual signs to be used on the truss, and the instructions herein, the engineer's name is to appear in the "Checked By" box (•••) of the title block on each sheet. The engineer is responsible for verifying the information based on the contractor's submitted cross sections and for reviewing the fabricator's shop drawings in detail.

Span L

CAMBER DIAGRAM

X-See Table





GENERAL NOTES
50'-70' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class "A" Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
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A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each Sign location and develop a cross section showing the Sign Footing Heights and Elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for "Roadway Cross Section". A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 600 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet	E. Kilgore
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE	LTM NUMBER	
AUD PKY	2-232	
SHEET NO. 50'-70' OVERHEAD SIGN SUPPORT		
PREPARED BY Division of Structural Design		
DRAWING NO. 35		

[illegible]

Span L

X-See Table

CAMBER DIAGRAM

DATE:	Jan. 2015	CHECKED BY:
DESIGNED BY: Standard Sheet E. Mingo		
DETAILED BY:		
Commonwealth of Kentucky		
DEPARTMENT OF HIGHWAYS		
COUNTY		
HENDERSON		
DATE	11/15/2014	
50'-20'-PKY	2-232	
50'-20'- OVERHEAD SIGN SUPPORT		
PREPARED BY		SHEET NO.
Division of Structural Design		36
		DRAWING NO.
		5

Sheet Location:	Date:	Username:	File Name:
	29-JAN-2015	eugene.kilgore	U:\Bridges\FR\sign support\Hopkins Co. 2-232\50-107russ MP 1.23 Audubon PKwy.dgn

GENERAL NOTES
50'-70' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class 'A' Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each Sign location and develop a cross section showing the Sign Footing Heights and Elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for 'Roadway Cross Section'. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 600 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet	E. Kilgore
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE	LITN NUMBER	
AUD PKY	2-232	
SHEET NO. 38		
PROJECT NO. 50'-70' OVERHEAD SIGN SUPPORT		
DIVISION Division of Structural Design		

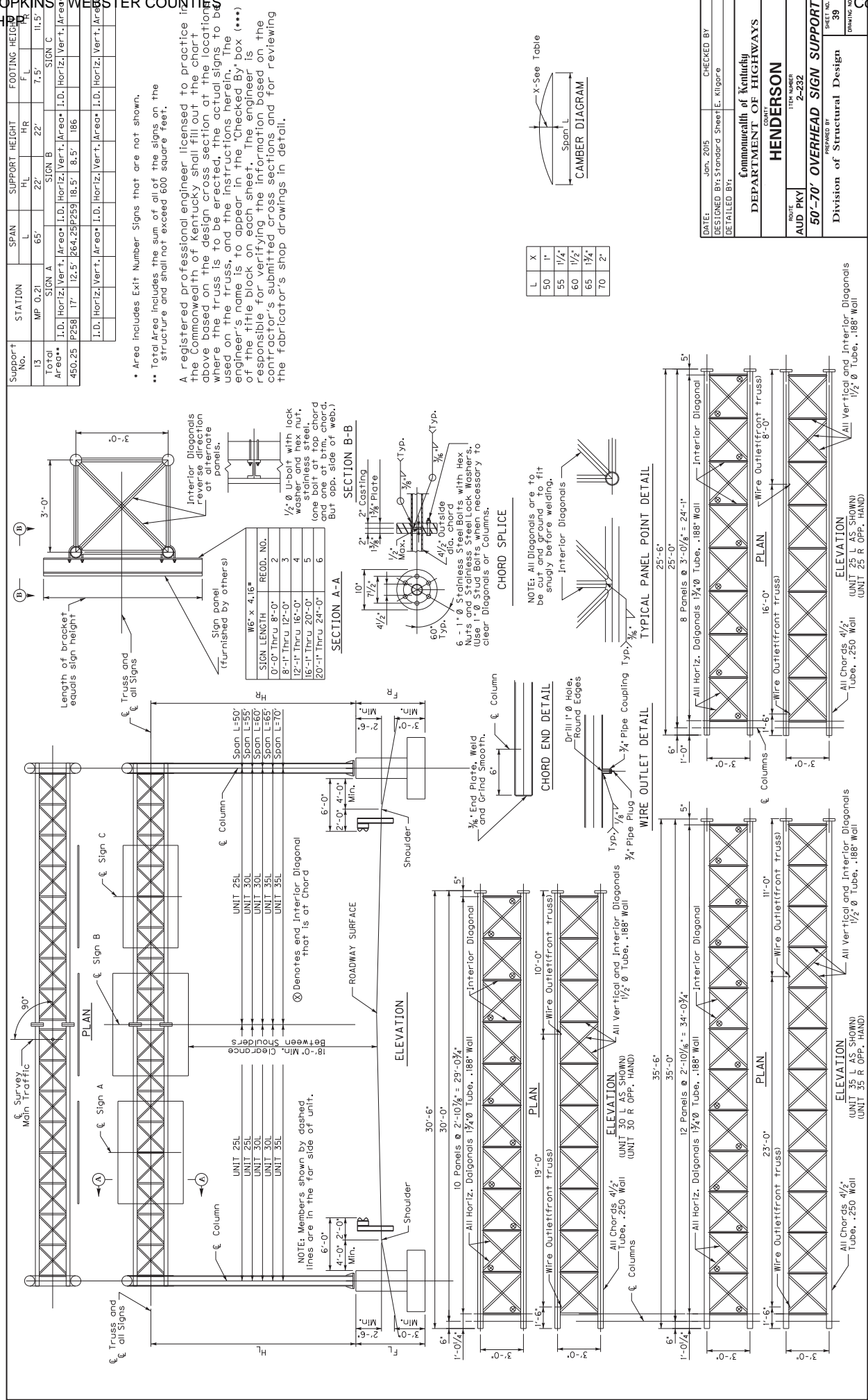
121GR15D007-NH000

FILE NAME: U:\Bridges\Proj\Sign Support\Hopkins Co. 2-23\50-TotTruss MP 0.21 Audubon Pkwy.dgn

DATE: 29-JAN-2015

USER NAME: eugene.kilgore

SHEET LOCATION:



Support No.	STATION	SPAN	SUPPORT HEIGHT	FOOTING HEIGHT
13	MP 0.21	65'	22'	7.5'
Total Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area
450.25	P258 17'	12.5' 264.29p259 18.5'	8.5' 186	
	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area	I.D. Horiz. Vert. Area

• Area includes Exit Number Signs that are not shown.

• Total Area includes the sum of all of the signs on the structure and shall not exceed 600 square feet.

A registered professional engineer licensed to practice in the Commonwealth of Kentucky shall fill out the chart above based on the design cross section at the location where the truss is to be erected, the actual signs to be used on the truss, and the instructions herein. The engineer's name is to appear in the "Checked By" box (***). Of this block of each sheet, the engineer is responsible for verifying the information based on the contractor's submitted cross sections and for reviewing the fabricator's shop drawings in detail.

L	X
50	1"
55	1 1/4"
60	1 1/2"
65	1 3/4"
70	2"

Span L

X-See Table

CAMBER DIAGRAM

DATE: Jun. 2015

CHECKED BY: E. Kilgore

DESIGNED BY: Standard Sheet E. Kilgore

DETAILED BY:

COMMONWEALTH OF KENTUCKY

DEPARTMENT OF HIGHWAYS

COUNTY: HENDERSON

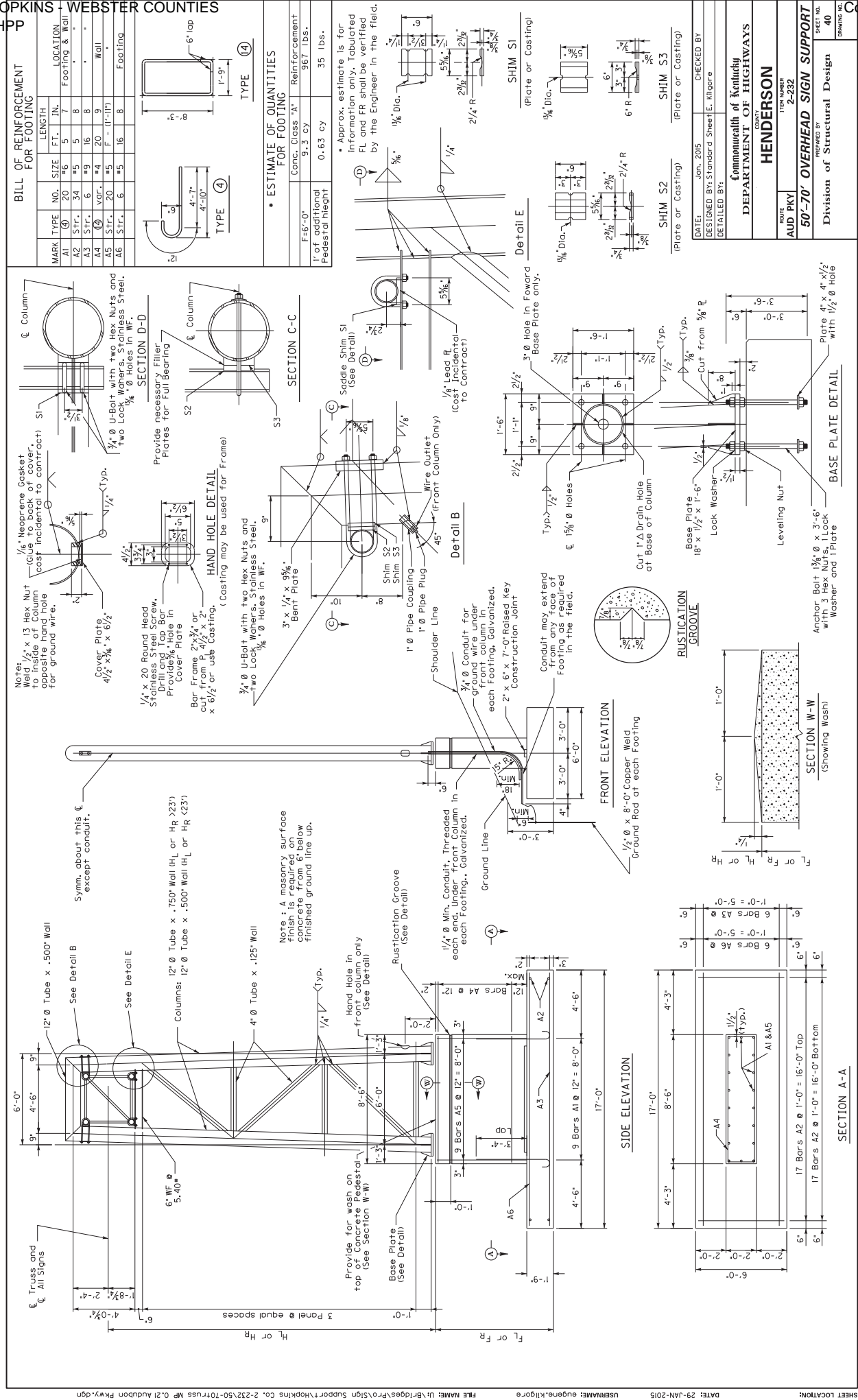
ROUTE: KY 1

17th NAME: 2-232

SHEET NO.: 59

PROJECT NO.: 50'-70' OVERHEAD SIGN SUPPORT

DESIGNED BY: Division of Structural Design



GENERAL NOTES
50'-70' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class "A" Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
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B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

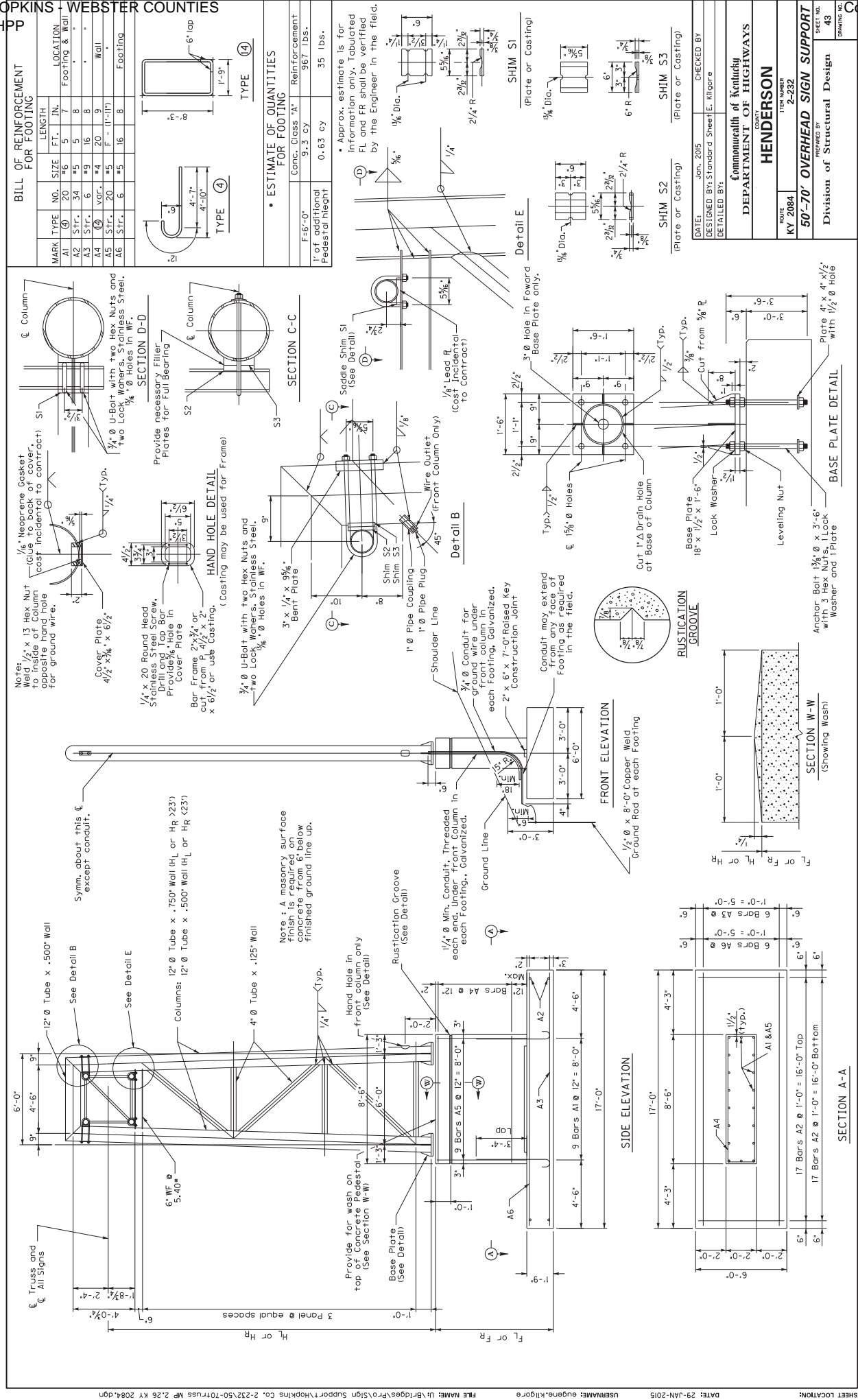
ROADWAY CROSS SECTION: The Contractor shall take field measurements at each Sign location and develop a cross section showing the Sign Footing Heights and Elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for "Roadway Cross Section". A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 600 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE KY 2084	LOT# NUMBER 2-232	
SHEET NO. 50'-70' OVERHEAD SIGN SUPPORT		
DRAWING NO. 41		
DIVISION Division of Structural Design		

SHEET LOCATION:	DATE: 29-JAN-2015	USERNAME: eugene.killgore	FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-232-50-70tuss MP 2.26 KY 2084.dgn
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GENERAL NOTES
50'-70' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

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CONCRETE: Class 'A' Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

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B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each Sign location and develop a cross section showing the Sign Footing Heights and Elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for 'Roadway Cross Section'. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 600 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE KY 2084	LOT# NUMBER 2-232	
SHEET NO. 50'-70' OVERHEAD SIGN SUPPORT		
DRAWING NO. 44 Division of Structural Design		

FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-232\50-70+russ MP 2.39 KY 2084.dgn	USERNAME: eugene.kilgore	DATE: 29-JAN-2015	SHEET LOCATION:
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SHEET LOCATION:

GENERAL NOTES
75'-105' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class "A" Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled $\frac{3}{4}$ " unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each sign location and develop a cross section showing the Sign Footing Heights and elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for 'Roadway Cross Section'. A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 700 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple),

DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE	US 41A	ITIN NUMBER 2-232
SHEET NO. 47		
DRAWING NO. 75'-105' OVERHEAD SIGN SUPPORT		
APPROVED BY Division of Structural Design		

rior Diagonals
25* Wall

SHEET LOCATION:	DATE: 29-JAN-2015	USERNAME: eugene.kilgore	FILE NAME: U:\Bridges\Pro\Sign Support\Hopkins Co. 2-232\75-1051russ MP 17.27 US 41A.dgn
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GENERAL NOTES
50'-70' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class "A" Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled 3/4" unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each Sign location and develop a cross section showing the Sign Footing Heights and Elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for "Roadway Cross Section". A copy of these cross sections shall also accompany the Shop Drawings.

MAXIMUM SIGN AREA: Designed for a sign area of 600 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple).

DATE:	Jun. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE 41A RMP	LOT# NUMBER 2-232	
SHEET NO. 50		
DRAWING NO. 50-70' OVERHEAD SIGN SUPPORT		
DIVISION Division of Structural Design		

NAME	22° N	Q11° E	TIME (ND)
NAME 1	22° N	Q11° E	TIME (ND)

SHEET LOCATION:

GENERAL NOTES
75'-105' ALUMINUM OVERHEAD SIGN SUPPORT

SPECIFICATIONS: All References to the Standard Specifications are to the Current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. All References to the AASHTO Specifications are to the 2002 Edition of the AASHTO Standard Specifications for Highway Bridges.

DESIGN: Designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals published by AASHTO, 2000 with wind velocity to 80 MPH.

SUPERELEVATION OF ROADWAY: The Contractor shall allow for differences in elevations across the full shoulder width as shown on the Roadway Plans in maintaining the required 18 foot minimum vertical clearance to the bottom of the lowest part of the sign or support. Sign shall to be centered over the lane or lanes to which it applies unless shown otherwise.

CONCRETE: Class 'A' Concrete is to be used throughout.

BEVELED EDGES: All exposed concrete edges are to be beveled $\frac{3}{4}$ " unless otherwise shown.

REINFORCEMENT: Dimensions from face of concrete to bars are clear except as otherwise shown. Dimensions for bar spacings are distances center to center of bars.

SHOP DRAWINGS: The contractor shall submit detailed Shop Drawings to the Division of Construction for review prior to fabrication in accordance with the specifications. The Roadway Cross Section developed by the contractor is to accompany the Shop Drawings. The Shop Drawings and Roadway Cross Section will also be forwarded to the engineer for review.

FABRICATION: The aluminum sign support shall be fabricated in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished to the Department of Highways stating that the materials used conform to the specifications.

FOOTINGS: All footings shall be poured against undisturbed earth and are to transfer no more than 11/2 Tons Per Square Foot Bearing Pressure to the soil under any design loading conditions.

VERTICAL DIMENSIONS: Vertical Dimensions HR and HL shall not exceed 27 feet and the combined Dimensions (HR + FR) or (HL + FL) shall not exceed 36 feet.

MATERIAL SPECIFICATIONS: The following ASTM designations shall govern all materials used.

ASTM	MATERIAL
B221-08	Extruded Tube, Aluminum Alloy 6061-T6511
B241-02	Pipe, Aluminum 6061-T6
B308-02	Structural Shapes, Aluminum Alloy 6061-T6
B221-08	Extruded Bar, Rod and Shapes, Aluminum Alloy 6061-6511
B209-07	Sheet and Plate, Aluminum Alloy 6061-T651
A320-08	Stainless Steel Hardware, Nuts, Bolts, Washers and Screws
B766-86	Class 12, Cadmium Coating for ASTM A36 Anchor Bolts, Nuts and Washers
B26-05	Sand Mold Casting, Aluminum Alloy 356.0-T6
B108-08	Permanent Mold Casting, Aluminum Alloy 356.0-T6

ROADWAY CROSS SECTION: The Contractor shall take field measurements at each sign location and develop a cross section showing the Sign Footing Heights and elevations, Sign Clearance above the Roadway and Column Heights. These cross sections shall be submitted to the Engineer for approval before ordering any Sign components. This cost is included in the unit price bid for 'Roadway Cross Section'. A copy of these cross sections shall also accompany the Shop Drawings.

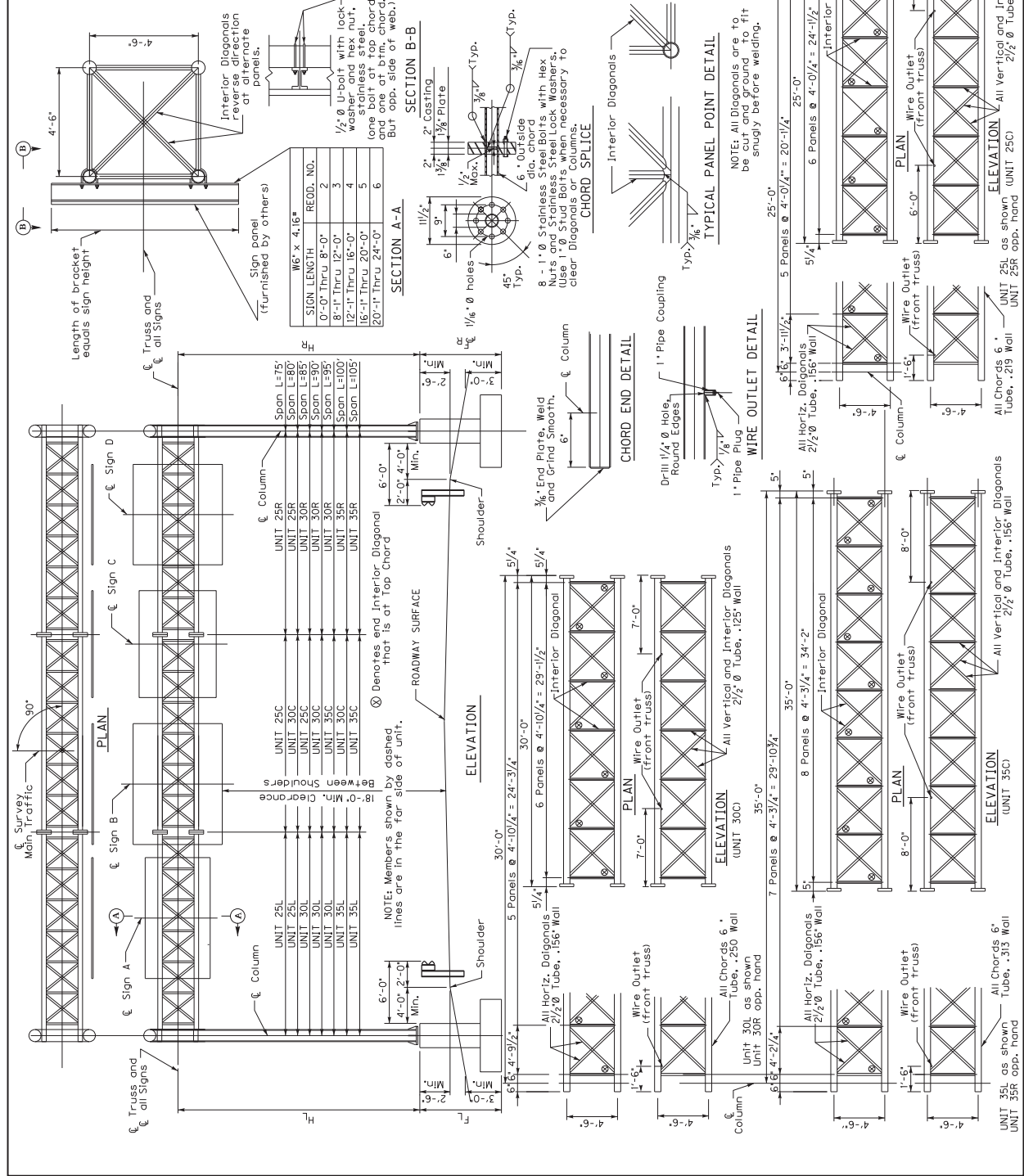
MAXIMUM SIGN AREA: Designed for a sign area of 700 sq. ft.

FABRICATOR CERTIFICATION: The fabricator shall be AISC Certified for SBR (Certified Bridge Fabricator - Simple),

DATE:	Jun. 2015	CHECKED BY
DESIGNED BY:	Standard Sheet E. Kilgore	
DETAILED BY:		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY HENDERSON		
ROUTE	US 41A	ITIN NUMBER 2-232
SHEET NO. 53		
75'-105' OVERHEAD SIGN SUPPORT		
PREPARED BY Division of Structural Design		

Support No.	STATION	SPAN	SUPPORT HEIGHT	FOOTING HEIGHT
18	M.P. 17.43	80'	23'	FL
Total Area				7.5' 6.5'
Area				1.0' Horiz. Vert. Area
421.75	270 17.5' 10.5' 183.75 P271 17' 14' 238			1.0' Horiz. Vert. Area

• Area Includes Exit Number Signs that are not shown.
• Total Area includes the sum of all of the signs on the structure and shall not exceed 100 square feet.
A registered professional engineer licensed to practice in the Commonwealth of Kentucky shall fill out the chart above based on the design cross section of the locations where the truss is to be erected, the actual signs to be used on the truss, and the instructions herein. The engineer's name is to appear in the "Checked By" box of the title block on each sheet. The engineer is responsible for verifying the information and for reviewing the contractor's submitted cross sections and for reviewing the fabricator's shop drawings in detail.



L	X
75	2 1/4
80	2 1/2
85	2 3/4
90	3
95	3 1/4
100	3 1/2
105	3 3/4

DATE: Jun 2015	CHECKED BY: E. Kilgore
DESIGNED BY: Standard Sheet E. Kilgore	DETAILED BY:
COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	
COUNTY: HENDERSON	
ROUTE: US 41A	17th NAME: 2-232
75'-105' OVERHEAD SIGN SUPPORT	
DIVISION OF Structural Design	
SCALE: 1/4" = 1'-0"	DRAWING NO: 54

HEET LOCATION:	DATE: 29-JAN-2015	USERNAME: eugene.killgore	FILE NAME: U:\Bridge\Pro\Sign Support\Hopkins Co. 2-23\75-105+russ MP 17.43 US 41a.dgn
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GENERAL NOTES

SPECIFICATIONS: The Kentucky Department of Highways Standard Specification for Road and Bridge Construction, current edition shall apply to this project.

DESIGN LOAD: Designed for 80 MPH wind in accordance with the specifications for the design and construction of structural steel supports for highway signs published by AASHTO, 1968.

ELEVATION OF SIGN: After establishing the horizontal location of the sign, the vertical elevation shall be established as follows: Determine the vertical clearance under the bridge within the limits of the sign. The vertical clearance of the sign shall be equal to this bridge vertical clearance plus 1'-0" with a maximum of 18'-0". This 18'-0" may be exceeded where the top of the sign would be less than 0'-6" above the plinth or barrier.

FABRICATION: All metal components of the bracket should be hot-dip galvanized after all fabrication has been completed. The galvanized material shall be loaded, handled and handled in such a manner that the galvanizing will not be damaged. All abraded and damaged surfaces including the filed holes in the T shape shall be regalvanized or repaired by painting with two coats of zinc oxide dust in point conforming to the requirements of Federal Specifications MIL-H-1042. The zinc oxide dust shall be applied in a spray pattern. The zinc oxide dust will be applied in a spray pattern. All repair work will be as directed by the engineer.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished. The Department of Highways, stated that the material used conform to the specifications.

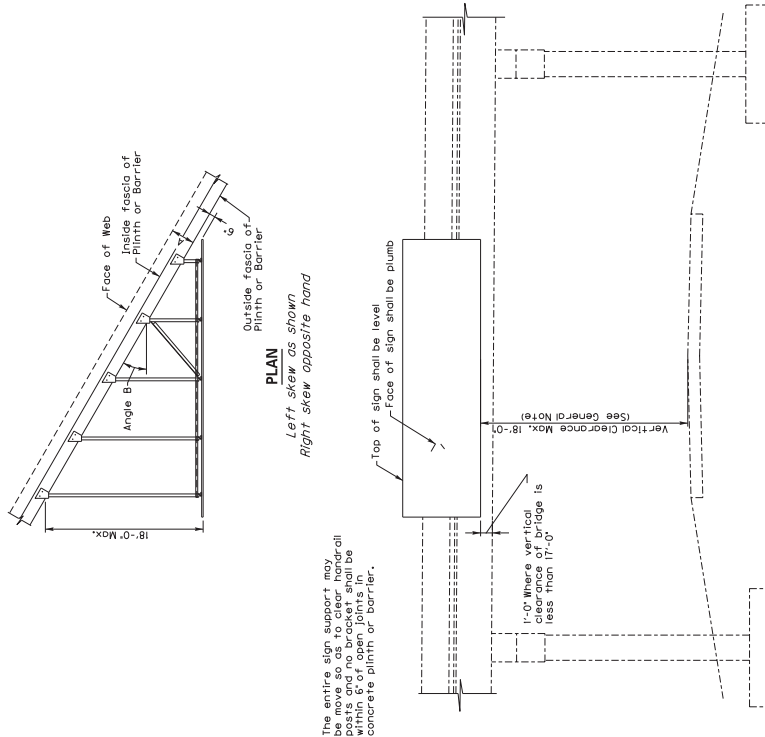
WELDING: All welding and welding materials shall conform to the specifications for Welded Highway and Railroad Bridges of The American Welding Society, current edition.

NON-SHRINKING GROUT: Specifications for non-shrinking grout shall be in accordance with the product manufactured as Embeco, Porrok or equal.

MATERIALS: All structural steel furnished shall conform to ASTM Specification A36, current edition and shall be galvanized in accordance with ASTM A123, current edition. All pipes furnished shall conform to ASTM Specifications 453, current edition and shall be galvanized in accordance with ASTM A123, current edition.

NOTE TO ENGINEER: A registered professional engineer, licensed to practice in the Commonwealth of Massachusetts, shall prepare the original plans to be used on the bridge mount. The original plans shall be submitted to the Department of Transportation where the bridge mount is to be erected. The actual signs to be used on the bridge mount, and the instructions herein. The engineer's name is to appear in the "Checked By" box of the title block on each sheet. The engineer is responsible for looking up the original plans and including the drawing number in the table below. The original plans for the bridge are available from the Division of Structural Design.

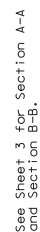
Sign Length	Number of Brackets
0'-0" thru 8'-0"	2
8'-1" thru 12'-0"	3
12'-1" thru 16'-0"	4
16'-1" thru 20'-0"	5
20'-1" thru 24'-0"	6



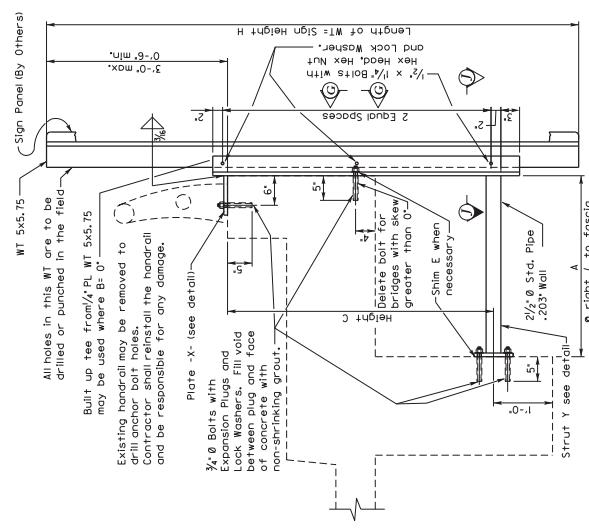
ELEVATION OF BRIDGE AND SIGN

[illegible]

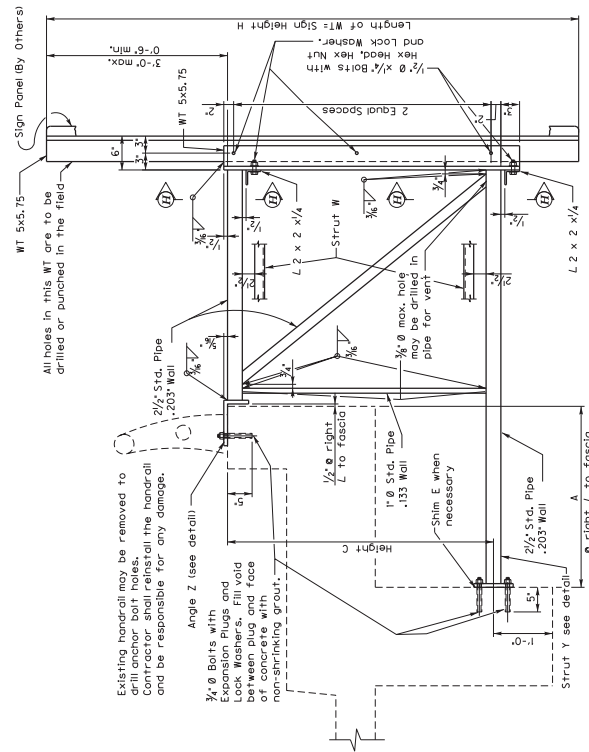
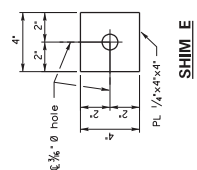
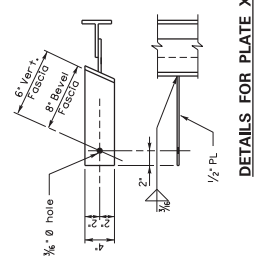
DATE:	JUN. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E. Kluge	
DETAILED BY:		
COMMUNICALETH OF KENTUCKY DEPARTMENT OF HIGHWAYS		
COUNT		
HENDERSON		
ROUTE	17TH NUMBER	
I-69	2-232	
STANDARD BRACKETS FOR ATTACHING SIGNS TO OVERHEAD BRIDGES		
PREPARED BY		SHEET NO.
Division of Structural Design		56
		DRAWING NO.



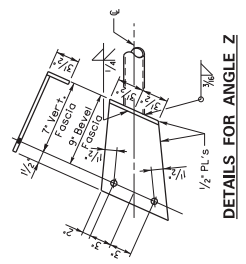
SHEET LOCATION: DATE: 29-JAN-2015 USERNAME: eugene.kilgore FILE NAME: U:\Bridges\Project\Sign Support\Hopkins Co. 2-23\Bridgemountsignsupport 2-232 19547.dgn



ELEVATION A-A OF BRACKET
(Concrete Beam) (Vertical Fascia)
Use when distance between sign and outside fascia of plinth measured along center line of bracket is less than or equal to 1'-6".



ELEVATION B-B OF BRACKET
(Concrete Beam) (Vertical Fascia)
Use when distance between sign and outside fascia of plinth measured along center line of bracket is less than or equal to 1'-6". Detail is to be used for bridges with skew greater than 0°.



DATE:	Jan. 2015	CHECKED BY:	
DESIGNED BY:	Standard Sheet E. Kilgore	DETAILED BY:	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS			
HENDERSON			
ROUTE	1-69	ITEM NUMBER	2-232
STANDARD BRACKETS FOR ATTACHING SIGNS TO OVERHEAD BRIDGES			
DIVISION OF STRUCTURAL DESIGN			
SHEET NO.	58	DRAWING NO.	

GENERAL NOTES

SPECIFICATIONS: The Kentucky Department of Highways Standard Specification for Road and Bridge Construction, current edition shall apply to this project.

DESIGN LOAD: Designed for 80 MPH wind in accordance with the specifications for the design and construction of structural steel supports for highway signs published by AASHTO, 1958.

ELEVATION OF SIGN: After establishing the horizontal location of the sign, the vertical elevation shall be established as follows: Determine the vertical clearance under the bridge within the limits of the sign. The vertical clearance of the sign shall be equal to this bridge vertical clearance plus 18'-0" with a maximum of 18'-0". This 18'-0" may be exceeded where the clearance of the sign would be less than 0'-6" above the plinth or barrier.

[illegible]

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished by the contractor. The Department of Highways, stated that the material used conform to the specifications.

WELDING: All welding and welding materials shall conform to the specifications for Welded Highway and Railroad Bridges of The American Welding Society, current edition.

NON-SHRINKING GROUT: Specifications for non-shrinking grout shall be in accordance with the product manufactured as Embeco, Porrok or approved equal.

MATERIALS: All structural steel furnished shall conform to ASTM Specification A36, current edition and shall be galvanized in accordance with ASTM A123, current edition. All pipes furnished shall conform to ASTM Specifications A53, current edition and shall be galvanized in accordance with ASTM A123, current edition.

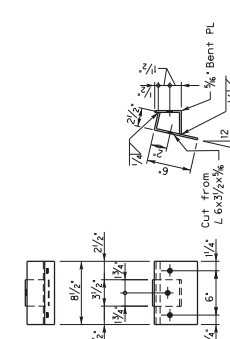
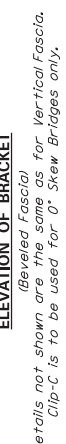
NOTE TO ENGINEER: A registered professional engineer licensed to practice in the Commonwealth of Kentucky shall fill out the chart below based on the location where the bridge must be erected. The actual signs to be used on the bridge must be the same as those shown in the drawings. The engineer is responsible for looking up the original plans and including the drawing number in the table below. The original plans for the bridge are available from the Division of Structural Design.

Sign Length	Number of Brackets
0'-0" thru 8'-0"	2
8'-1" thru 12'-0"	3
12'-1" thru 16'-0"	4
16'-1" thru 20'-0"	5
20'-1" thru 24'-0"	6
24'-1" thru 28'-0"	7

ELEVATION OF BRIDGE AND SIGN

[illegible]

DATE:	JUN. 2015	CHECKED BY:	
DESIGNED BY: Standard Sheet E. Kluge			
DETAILED BY:			
Commonwealth of Kentucky			
DEPARTMENT OF HIGHWAYS			
DIVISION			
HENDERSON			
ROUTE	11TH BRIDGE		
US 41	2-232		
STANDARD BRACKETS FOR ATTACHING SIGNS TO OVERHEAD BRIDGES			
PREPARED BY		SHEET NO.	59
Division of Structural Design		DRAWING NO.	C



DATE: Jun. 2015	CHECKED BY: Standard Smith E. Kligore
DESIGNED BY: Standard Smith E. Kligore	
DETAILED BY:	
COUNT	
HENDERSON	
ROUTE US 41	11TH NUMBER 2-232
STANDARD BRACKETS FOR ATTACHING SIGNS TO OVERHEAD BRIDGES	
PREPARED BY	
Division of Structural Design	
SHEET NO. 60	DRAWING NO. C



DATE:	JUN. 2015	CHECKED BY:
DESIGNED BY:	Standard Sheet E, Allgore	
DETAILED BY:		
Commonwealth of Kentucky COUNTY: HENDERSON		
ROUTE 401	17TH NUMBER 2-232	
US STATE		
STANDARD BRACKETS FOR ATTACHING SIGNS TO OVERHEAD BRIDGES		
PREPARED BY		SHEET NO. 61
Division of Structural Design		DRAWING NO. C

GENERAL NOTES

DESIGN LOAD: Designed for 80 MPH wind in accordance with the specifications for the design and construction of structural steel supports for highway signs published by AASHTO, 1968.

ELEVATION OF SIGN: After establishing the horizontal location of the sign, vertical location must be established. The minimum vertical clearance under the bridge within the limits of the sign. The vertical clearance of the sign shall be equal to this bridge vertical clearance plus 1'-0" with a maximum of 18'-0". This 18'-0" may be exceeded where top of the sign would be less than 0'-6" above the plinth or barrier.

FABRICATION: All metal components of the bracket shall be hot-dip galvanized after all fabrication has been completed. The galvanized metal shall be cleaned, hauled and handled in such a manner that the galvanized metal shall not be damaged. All abraded and damaged surfaces including the field holes in the T shape shall be regalvanized or repaired by pointing with two coats of zinc oxide, zinc dust paint conforming to the requirements of Federal Specifications MIL-P-5145. The paint shall be applied with a brush and roller. All welds shall be covered with zinc oxide. The four ports zinc dust by weight. All repairs are to be as directed by the engineer.

MILL TEST REPORTS: Notarized test reports in triplicate shall be furnished. The Department of Highways, stated that the material used conform to the specifications.

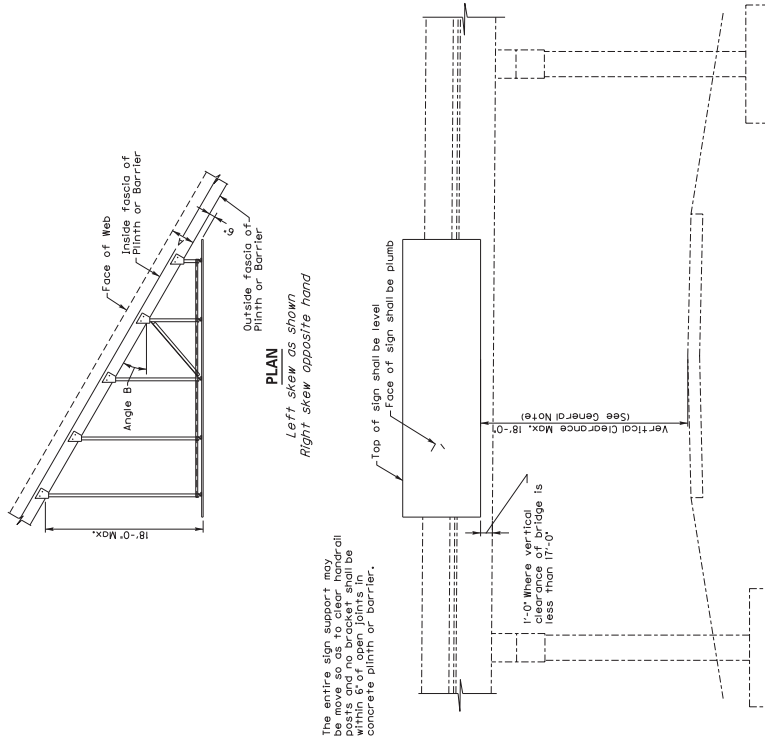
WELDING: All welding and welding materials shall conform to the specifications for Welded Highway and Railroad Bridges of The American Welding Society, current edition.

NON-SHRINKING GROUT: Specifications for non-shrinking grout shall be in accordance with the product manufactured as Embeco, Porrok or equal.

MATERIALS: All structural steel furnished shall conform to ASTM Specification A36, current edition and shall be galvanized in accordance with ASTM A123, current edition. All pipes furnished shall conform to ASTM Specifications A53, current edition and shall be galvanized in accordance with ASTM A123, current edition.

NOTE TO ENGINEER: A registered professional engineer licensed to practice in the State of California, and who is duly qualified to design and construct the bridge, shall fill in the information on this sheet. The engineer's name and the location where the bridge mount is to be erected, the actual signs to be used on the bridge mount, and the instructions herein, are to appear in the "Checked By" box (*** of the title block on each sheet. The engineer is responsible for looking up the original plans and including the drawing number in the table below. The original plans for the bridge are available from the Division of Structural Design.

Sign Length	Number of Brackets
0'-0" thru 8'-0"	2
8'-1" thru 12'-0"	3
12'-1" thru 16'-0"	4
16'-1" thru 20'-0"	5
20'-1" thru 24'-0"	6
24'-1" thru 28'-0"	7
28'-1" thru 32'-0"	8



ELEVATION OF BRIDGE AND SIGN

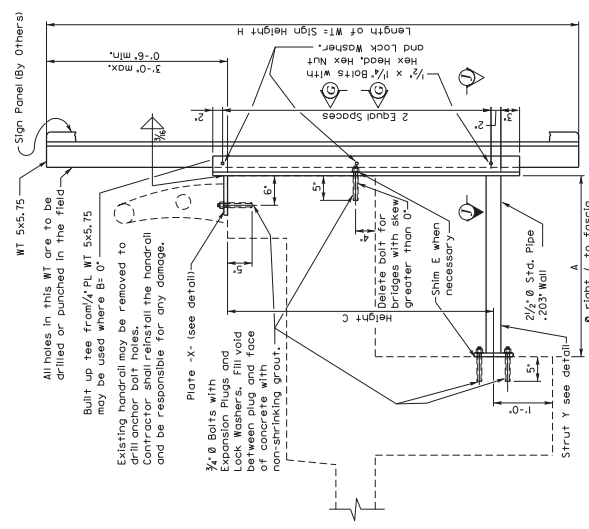
[illegible]

DATE:	JUN. 2015	CHECKED BY:
DESIGNED BY:	STANDARD SHEET E. Kligore	
DETAILED BY:		
COMMUNWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS		
COUNT		
HENDERSON		
17TH NUMBER		
2-232		
STANDARD BRACKETS FOR ATTACHING SIGNS TO OVERHEAD BRIDGES		
PREPARED BY		
Division of Structural Design		
SHEET NO.		62
DRAWING NO.		

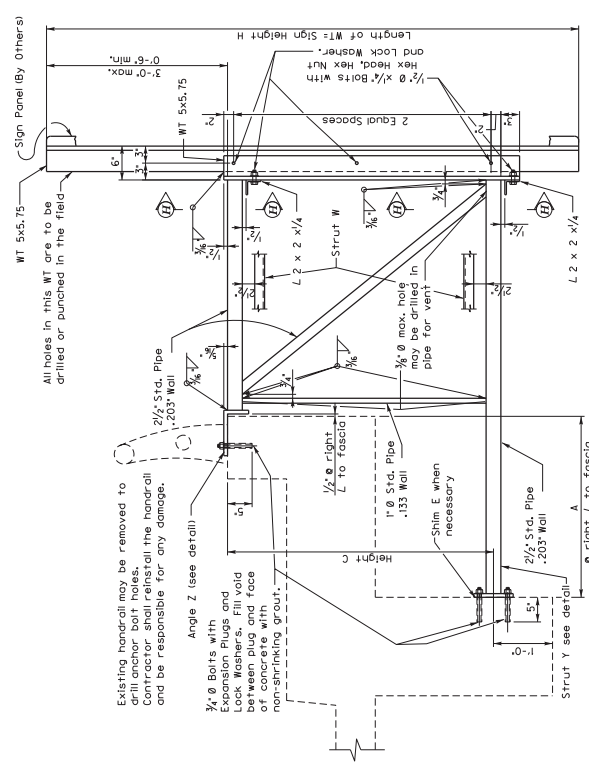
DETAILS FOR CLIP-C²

DETAILS FOR CLIP-C

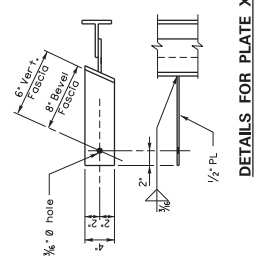
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DATE: 29-JAN-2015
USER NAME: eugene.kilgore
SHEET LOCATION:



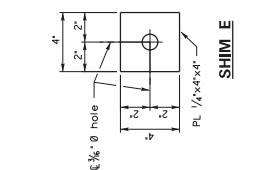
ELEVATION A-A OF BRACKET
(Concrete Beam) (Vertical Fascia)
Use when distance between sign and outside fascia of plinth measured along center line of bracket is less than or equal to 1'-6".



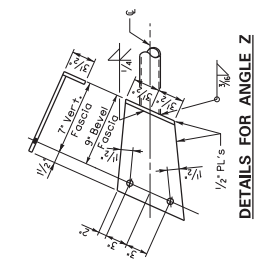
ELEVATION B-B OF BRACKET
(Concrete Beam) (Vertical Fascia)
Use when distance between sign and outside fascia of plinth measured along center line of bracket is less than or equal to 1'-6".
Detail is to be used for bridges with skew greater than 0°.



DETAILS FOR PLATE X



SHIM E



DETAILS FOR ANGLE Z

DATE: Jan. 2015	CHECKED BY: E. Kilgore
DESIGNED BY: Standard Sheet	DETAILS BY:
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS	
HENDERSON	
ROUTE US 41	ITEM NUMBER 2-232
STANDARD BRACKETS FOR ATTACHING SIGNS TO OVERHEAD BRIDGES	
DIVISION OF Structural Design	
SHEET NO. 64	DRAWING NO.

Right-of-Way Certification Form

Revised 2/22/11

☒ Federal Funded

☒ Original

☐ State Funded

☐ Re-Certification

This form must be completed and submitted to FHWA with the PS&E package for federal-aid funded Interstate, Appalachia, and Major projects. This form shall also be submitted to FHWA for all federal-aid projects that fall under Conditions No. 2 or 3 outlined elsewhere in this form. When Condition No. 2 or 3 apply, KYTC shall resubmit this ROW Certification prior to construction contract Award. For all other federal-aid projects, this form shall be completed and retained in the KYTC project file.

Date: February 3, 2015

Project Name: I-69 Corridor Signing

Letting Date: _____

Project #:

County: Henderson/Hopkins/Webster

Item #: 02-232.01

Federal #: _____

Description of Project: I-69 Corridor signing between MP 37.0 and MP 73.4 to meet interstate standards.

Projects that require **NO** new or additional right-of-way acquisitions and/or relocations

- ☒ The proposed transportation improvement will be built within the existing rights-of-way and there are no properties to be acquired, individuals, families, and businesses ("relocatees") to be relocated, or improvements to be removed as a part of this project.

Projects that require new or additional right-of-way acquisitions and/or relocations

- ☐ Per 23 CFR 635.309, the KYTC hereby certify that all relocatees have been relocated to decent, safe, and sanitary housing or that KYTC has made available to relocatees adequate replacement housing in accordance with the provisions of the current FHWA directive(s) covering the administration of the Highway Relocation Assistance Program and that at least one of the following three conditions has been met. (Check those that apply.)
- ☐ **Condition 1.** All necessary rights-of-way, including control of access rights when applicable, have been acquired including legal and physical possession. Trial or appeal of cases may be pending in court but legal possession has been obtained. There may be some improvements remaining on the right-of-way, but all occupants have vacated the lands and improvements, and KYTC has physical possession and the rights to remove, salvage, or demolish all improvements and enter on all land. Fair market value has been paid or deposited with the court.
- ☐ **Condition 2.** Although all necessary rights-of-way have not been fully acquired, the right to occupy and to use all rights-of-way required for the proper execution of the project has been acquired. Trial or appeal of some parcels may be pending in court and on other parcels full legal possession has not been obtained, but right of entry has been obtained, the occupants of all lands and improvements have vacated, and KYTC has physical possession and right to remove, salvage, or demolish all improvements. Fair market value has been paid or deposited with the court for most parcels. Fair market value for all pending parcels will be paid or deposited with the court prior to AWARD of construction contract. (See note 1 below.)

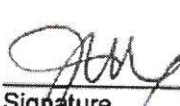
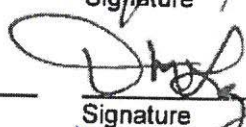
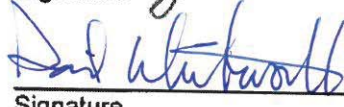
Note 1: The KYTC shall re-submit a right-of-way certification form for this project prior to AWARD of all Federal-Aid construction contracts. Award must not to be made until after KYTC has obtained full legal possession and fair market value for all parcels has been paid or deposited with the court and FHWA has concurred in the re-submitted right-of-way certification.

Right-of-Way Certification Form

Revised 2/22/11

- ☐ **Condition 3.** The acquisition or right of occupancy and use of a few remaining parcels are not complete and/or some parcels still have occupants. However, all remaining occupants have had replacement housing made available to them in accordance with 49 CFR 24.204. The KYTC is hereby requesting authorization to advertise this project for bids and to proceed with bid letting even though the necessary rights-of-way will not be fully acquired, and/or some occupants will not be relocated, and/or the fair market value will not be paid or deposited with the court for some parcels until after bid letting. KYTC will fully meet all the requirements outlined in 23 CFR 635.309(c)(3) and 49 CFR 24.102(j) and will expedite completion of all acquisitions, relocations, and full payments after bid letting and prior to AWARD of the construction contract or force account construction. A full explanation and reason for this request, including identification of each such parcel and dates on which acquisitions, payments, and relocations will be completed, is attached to this certification form for FHWA concurrence. (See note 2.)

Note 2: The KYTC may request authorization on this basis only in unique and unusual circumstances. Proceeding to bid letting shall be the exception and never become the rule. In all cases, the KYTC shall make extraordinary efforts to expedite completion of the acquisition, payment for all affected parcels, and the relocation of all relocatees prior to AWARD of all Federal-Aid construction contracts or force account construction.

Approved:	<u>Jennifer K. Cox</u> Printed Name	<u> 2/3/15</u> Signature	Right-of-Way Supervisor
Approved:	<u>DM Lay</u> Printed Name	<u></u> Signature	<u>12 Feb 2015</u> KYTC, Director of ROW & Utilities
Approved:	<u>DAVID WHITWORTH</u> Printed Name	<u> 2/12/15</u> Signature	FHWA, ROW Officer (when applicable)

Right-of-Way Certification Form

Revised 2/22/11

Date: February 3, 2015

Project Name: I-69 Corridor Signing

Project #: _____

Item #: 02-232.01

Letting Date: _____

County: Henderson/Hopkins/Webster

Federal #: _____

This project has 0 total number of parcels to be acquired, and 0 total number of individuals or families to be relocated, as well as 0 total number of businesses to be relocated.

0 Parcels where acquired by a signed fee simple deed and fair market value has been paid

_____ Parcels have been acquired by IOJ through condemnation and fair market value has been deposited with the court

_____ Parcels have not been acquired at this time (explain below for each parcel)

_____ Parcels have been acquired or have a "right of entry" but fair market value has not been paid or has not been deposited with the court (explain below for each parcel)

_____ Relocatees have not been relocated from parcels _____, _____, _____, _____, _____, _____, and _____ (explain below for each parcel)

Parcel #	Name/Station	Explanation for delayed acquisition, delayed relocation, or delayed payment of fair market value	Proposed date of payment or of relocation

There are 0 billboards and/or 0 cemeteries involved on this project.

There are 0 water or monitoring wells on parcels _____, _____, _____, _____, and _____. All have been acquired and are the responsibility of the project contractor to close/cap.

Form Effective Date: April 1, 2006
Last Revised: February 22, 2011

UTILITY NOTES TO BE INCLUDED IN THE PROPOSAL
SPECIAL NOTES FOR UTILITY CLEARANCE
IMPACT ON CONSTRUCTION

February 2, 2015

**Hopkins, Webster and Henderson Co.'s
(I-69 Corridor Signing) Between MP 37.0
And MP 73.4 to Meet Interstate Standard
ITEM NO. 2-232.01
NHPP 0411 (020)**

UTILITY CLEARANCE

Work around and do not disturb any existing overhead and/or underground utilities. Any disturbance shall be at the Contractors expense. The Department does not anticipate that utility facilities will need to be relocated and/or adjusted; however in the event that it is discovered that work does require that utilities be relocated and/or adjusted, the utility companies will work concurrently with the contractor while relocating their facilities. Time extensions will only be considered if the subject utility relocation affects the controlling item of work while in progress.

RAILROAD FACILITIES

WKP over P&L Railroad Bridge Widening

The project is being administered under the Statewide Agreement with Railroad
Facilities

KyTC BMP Plan for Project PCN ## - ####



Kentucky Transportation Cabinet

Highway District 1, 2

And

_____ **(2), Construction**

Kentucky Pollutant Discharge Elimination System

Permit KYR10

Best Management Practices (BMP) plan

Groundwater protection plan

For Highway Construction Activities

For

**(I-69 Corridor Signing) Between MP 37.0 and MP
73.4 to Meet Interstate Standard**

Project No.: NHPP 0411 (020)

KyTC BMP Plan for Project PCN ## -

Project information

Note – (1) = Design (2) = Construction (3) = Contractor

1. Owner – Kentucky Transportation Cabinet, District 3
2. Resident Engineer: (2)
3. Contractor name: (2)
Address: (2)

Phone number: (2)
Contact: (2)
Contractors agent responsible for compliance with the KPDES permit requirements (3):
4. Project Control Number (2)
5. Route (Address) I-69 MP 37.0 to MP 73.4
6. Latitude/Longitude (project mid-point)
7. County (project mid-point) Hopkins, Webster and Henderson
8. Project start date (date work will begin): (2)
9. Projected completion date: (2)

KyTC BMP Plan for Project PCN ## -

A. Site description:

1. Nature of Construction Activity (from letting project description)
I-69 Corridor Signing to meet Interstate Standard
2. Order of major soil disturbing activities (2) and (3)
3. Projected volume of material to be moved N/A
4. Estimate of total project area (acres) N/A
5. Estimate of area to be disturbed (acres) N/A
6. Post construction runoff coefficient will be included in the project drainage folder. Persons needing information pertaining to the runoff coefficient will contact the resident engineer to request this information.(1)
7. Data describing existing soil condition :
8. Data describing existing discharge water quality (if any) (1) & (2)
9. Receiving water name N/A
10. TMDLs and Pollutants of Concern in Receiving Waters: (1 DEA)
11. Site map – Project layout sheet plus the erosion control sheets in the project plans that depict Disturbed Drainage Areas (DDAs) and related information. These sheets depict the existing project conditions with areas delineated by DDA (drainage area bounded by watershed breaks and right of way limits), the storm water discharge locations (either as a point discharge or as overland flow) and the areas that drain to each discharge point. These plans define the limits of areas to be disturbed and the location of control measures. Controls will be either site specific as designated by the designer or will be annotated by the contractor and resident engineer before disturbance commences. The project layout sheet shows the surface waters and wetlands.
12. Potential sources of pollutants:

The primary source of pollutants is solids that are mobilized during storm events. Other sources of pollutants include oil/fuel/grease from servicing and operating construction equipment, concrete washout water, sanitary wastes and trash/debris. (3)

KyTC BMP Plan for Project PCN ## -

B. Sediment and Erosion Control Measures:

1. Plans for highway construction projects will include erosion control sheets that depict Disturbed Drainage Areas (DDAs) and related information. These plan sheets will show the existing project conditions with areas delineated by DDA within the right of way limits, the discharge points and the areas that drain to each discharge point. Project managers and designers will analyze the DDAs and identify Best Management Practices (BMPs) that are site specific. The balance of the BMPs for the project will be listed in the bid documents for selection and use by the contractor on the project with approval by the resident engineer.

Projects that do not have DDAs annotated on the erosion control sheets will employ the same concepts for development and managing BMP plans.

2. Following award of the contract, the contractor and resident engineer will annotate the erosion control sheets showing location and type of BMPs for each of the DDAs that will be disturbed at the outset of the project. This annotation will be accompanied by an order of work that reflects the order or sequence of major soil moving activities. The remaining DDAs are to be designated as "Do Not Disturb" until the contractor and resident engineer prepare the plan for BMPs to be employed. The initial BMP's shall be for the first phase (generally Clearing and Grubbing) and shall be modified as needed as the project changes phases. The BMP Plan will be modified to reflect disturbance in additional DDA's as the work progresses. All DDA's will have adequate BMP's in place before being disturbed.
3. As DDAs are prepared for construction, the following will be addressed for the project as a whole or for each DDA as appropriate:
 - Construction Access – This is the first land-disturbing activity. As soon as construction begins, bare areas will be stabilized with gravel and temporary mulch and/or vegetation.
 - At the beginning of the project, all DDAs for the project will be inspected for areas that are a source of storm water pollutants. Areas that are a source of pollutants will receive appropriate cover or BMPs to arrest the introduction of pollutants into storm water. Areas that have not been opened by the contractor will be inspected periodically (once per month) to determine if there is a need to employ BMPs to keep pollutants from entering storm water.

KyTC BMP Plan for Project PCN ## -

- Clearing and Grubbing – The following BMP's will be considered and used where appropriate.
 - Leaving areas undisturbed when possible.
 - Silt basins to provide silt volume for large areas.
 - Silt Traps Type A for small areas.
 - Silt Traps Type C in front of existing and drop inlets which are to be saved
 - Diversion ditches to catch sheet runoff and carry it to basins or traps or to divert it around areas to be disturbed.
 - Brush and/or other barriers to slow and/or divert runoff.
 - Silt fences to catch sheet runoff on short slopes. For longer slopes, multiple rows of silt fence may be considered.
 - Temporary Mulch for areas which are not feasible for the fore mentioned types of protections.
 - Non-standard or innovative methods.
- Cut & Fill and placement of drainage structures - The BMP Plan will be modified to show additional BMP's such as:
 - Silt Traps Type B in ditches and/or drainways as they are completed
 - Silt Traps Type C in front of pipes after they are placed
 - Channel Lining
 - Erosion Control Blanket
 - Temporary mulch and/or seeding for areas where construction activities will be ceased for 21 days or more.
 - Non-standard or innovative methods
- Profile and X-Section in place – The BMP Plan will be modified to show elimination of BMP's which had to be removed and the addition of new BMP's as the roadway was shaped. Probably changes include:
 - Silt Trap Type A, Brush and/or other barriers, Temporary Mulch, and any other BMP which had to be removed for final grading to take place.
 - Additional Silt Traps Type B and Type C to be placed as final drainage patterns are put in place.
 - Additional Channel Lining and/or Erosion Control Blanket.
 - Temporary Mulch for areas where Permanent Seeding and Protection cannot be done within 21 days.
 - Special BMP's such as Karst Policy
- Finish Work (Paving, Seeding, Protect, etc.) – A final BMP Plan will result from modifications during this phase of construction. Probably changes include:
 - Removal of Silt Traps Type B from ditches and drainways if they are protected with other BMP's which are sufficient to control erosion, i.e. Erosion Control Blanket or Permanent Seeding and Protection on moderate grades.

KyTC BMP Plan for Project PCN ## -

- Permanent Seeding and Protection
 - Placing Sod
 - Planting trees and/or shrubs where they are included in the project
- BMP's including Storm Water Management Devices such as velocity dissipation devices and Karst policy BMP's to be installed during construction to control the pollutants in storm water discharges that will occur after construction has been completed are : (1)

C. Other Control Measures

1. No solid materials, including building materials, shall be discharged to waters of the commonwealth, except as authorized by a Section 404 permit.

2. Waste Materials

All waste materials that may leach pollutants (paint and paint containers, caulk tubes, oil/grease containers, liquids of any kind, soluble materials, etc.) will be collected and stored in appropriate covered waste containers. Waste containers shall be removed from the project site on a sufficiently frequent basis as to not allow wastes to become a source of pollution. All personnel will be instructed regarding the correct procedure for waste disposal. Wastes will be disposed in accordance with appropriate regulations. Notices stating these practices will be posted in the office.

3. Hazardous Waste

All hazardous waste materials will be managed and disposed of in the manner specified by local or state regulation. The contractor shall notify the Resident Engineer if there any hazardous wastes being generated at the project site and how these wastes are being managed. Site personnel will be instructed with regard to proper storage and handling of hazardous wastes when required. The Transportation Cabinet will file for generator, registration when appropriate, with the Division of Waste Management and advise the contractor regarding waste management requirements.

4. Spill Prevention

The following material management practices will be used to reduce the risk of spills or other exposure of materials and substances to the weather and/or runoff.

- **Good Housekeeping:**

KyTC BMP Plan for Project PCN ## -

The following good housekeeping practices will be followed onsite during the construction project.

- An effort will be made to store only enough product required to do the job
- All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure
- Products will be kept in their original containers with the original manufacturer's label
- Substances will not be mixed with one another unless recommended by the manufacturer
- Whenever possible, all of the product will be used up before disposing of the container
- Manufacturers' recommendations for proper use and disposal will be followed
- The site contractor will inspect daily to ensure proper use and disposal of materials onsite

➤ **Hazardous Products:**

These practices will be used to reduce the risks associated with any and all hazardous materials.

- Products will be kept in original containers unless they are not resealable
- Original labels and material safety data sheets (MSDS) will be reviewed and retained
- Contractor will follow procedures recommended by the manufacturer when handling hazardous materials
- If surplus product must be disposed of, manufacturers' or state/local recommended methods for proper disposal will be followed

The following product-specific practices will be followed onsite:

➤ **Petroleum Products:**

Vehicles and equipment that are fueled and maintained on site will be monitored for leaks, and receive regular preventative maintenance to reduce the chance of leakage. Petroleum products onsite will be stored in tightly sealed containers, which are clearly labeled and will be protected from exposure to weather.

The contractor shall prepare an Oil Pollution Spill Prevention Control and Countermeasure plan when the project that involves the storage of petroleum products in 55 gallon or larger containers with a total combined storage capacity of 1,320 gallons. This is a requirement of 40 CFR 112.

KyTC BMP Plan for Project PCN ## -

This project (will / will not) (3) have over 1,320 gallons of petroleum products with a total capacity, sum of all containers 55 gallon capacity and larger.

➤ **Fertilizers:**

Fertilizers will be applied at rates prescribed by the contract, standard specifications or as directed by the resident engineer. Once applied, fertilizer will be covered with mulch or blankets or worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

➤ **Paints:**

All containers will be tightly sealed and stored indoors or under roof when not being used. Excess paint or paint wash water will not be discharged to the drainage or storm sewer system but will be properly disposed of according to manufacturers' instructions or state and local regulations.

➤ **Concrete Truck Washout:**

Concrete truck mixers and chutes will not be washed on pavement, near storm drain inlets, or within 75 feet of any ditch, stream, wetland, lake, or sinkhole. Where possible, excess concrete and wash water will be discharged to areas prepared for pouring new concrete, flat areas to be paved that are away from ditches or drainage system features, or other locations that will not drain off site. Where this approach is not possible, a shallow earthen wash basin will be excavated away from ditches to receive the wash water

➤ **Spill Control Practices**

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- Manufacturers' recommended methods for spill cleanup will be clearly posted. All personnel will be made aware of procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area. Equipment and materials will include as appropriate, brooms, dust pans, mops, rags, gloves, oil absorbents, sand, sawdust, and plastic and metal trash containers.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.

KyTC BMP Plan for Project PCN ## -

- Spills of toxic or hazardous material will be reported to the appropriate state/local agency as required by KRS 224 and applicable federal law.
- The spill prevention plan will be adjusted as needed to prevent spills from reoccurring and improve spill response and cleanup.
- Spills of products will be cleaned up promptly. Wastes from spill clean up will be disposed in accordance with appropriate regulations.

D. Other State and Local Plans

This BMP plan shall include any requirements specified in sediment and erosion control plans, storm water management plans or permits that have been approved by other state or local officials. Upon submittal of the NOI, other requirements for surface water protection are incorporated by reference into and are enforceable under this permit (even if they are not specifically included in this BMP plan). This provision does not apply to master or comprehensive plans, non-enforceable guidelines or technical guidance documents that are not identified in a specific plan or permit issued for the construction site by state or local officials. (1)

E. Maintenance

1. The BMP plan shall include a clear description of the maintenance procedures necessary to keep the control measures in good and effective operating condition.
- Maintenance of BMPs during construction shall be a result of weekly and post rain event inspections with action being taken by the contractor to correct deficiencies.
 - Post Construction maintenance will be a function of normal highway maintenance operations. Following final project acceptance by the cabinet, district highway crews will be responsible for identification and correction of deficiencies regarding ground cover and cleaning of storm water BMPs. The project manager shall identify any BMPs that will be for the purpose of post construction storm water management with specific guidance for any non-routine maintenance. (1)

F. Inspections

Inspection and maintenance practices that will be used to maintain erosion and sediment controls:

KyTC BMP Plan for Project PCN ## -

- All erosion prevention and sediment control measures will be inspected at least once each week and following any rain of one-half inch or more.
- Inspections will be conducted by individuals that have received KyTC Grade Level II training or other qualification as prescribed by the cabinet that includes instruction concerning sediment and erosion control.
- Inspection reports will be written, signed, dated, and kept on file.
- Areas at final grade will be seeded and mulched within 14 days.
- Areas that are not at final grade where construction has ceased for a period of 21 days or longer and soil stock piles shall receive temporary mulch no later than 14 days from the last construction activity in that area.
- All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of being reported.
- Built-up sediment will be removed from behind the silt fence before it has reached halfway up the height of the fence.
- Silt fences will be inspected for bypassing, overtopping, undercutting, depth of sediment, tears, and to ensure attachment to secure posts.
- Sediment basins will be inspected for depth of sediment, and built-up sediment will be removed when it reaches 70 percent of the design capacity and at the end of the job.
- Diversion dikes and berms will be inspected and any breaches promptly repaired. Areas that are eroding or scouring will be repaired and re-seeded / mulched as needed.
- Temporary and permanent seeding and mulching will be inspected for bare spots, washouts, and healthy growth. Bare or eroded areas will be repaired as needed.
- All material storage and equipment servicing areas that involve the management of bulk liquids, fuels, and bulk solids will be inspected weekly for conditions that represent a release or possible release of pollutants to the environment.

G. Non – Storm Water discharges

It is expected that non-storm water discharges may occur from the site during the construction period. Examples of non-storm water discharges include:

- Water from water line flushings.
- Water from cleaning concrete trucks and equipment.
- Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).

KyTC BMP Plan for Project PCN ## -

- Uncontaminated groundwater and rain water (from dewatering during excavation).

All non-storm water discharges will be directed to the sediment basin or to a filter fence enclosure in a flat vegetated infiltration area or be filtered via another approved commercial product.

H. Groundwater Protection Plan (3)

This plan serves as the groundwater protection plan as required by 401 KAR 5:037.

- Contractors statement: (3)

The following activities, as enumerated by 401 KAR 5:037 Section 2 that require the preparation and implementation of a groundwater protection plan, will or may be may be conducted as part of this construction project:

_____ 2. (e) land treatment or land disposal of a pollutant;

_____ 2. (f) Storing, ..., or related handling of hazardous waste, solid waste or special waste, ..., in tanks, drums, or other containers, or in piles, (This does not include wastes managed in a container placed for collection and removal of municipal solid waste for disposal off site);

_____ 2. (g) Handling of materials in bulk quantities (equal or greater than 55 gallons or 100 pounds net dry weight transported held in an individual container) that, if released to the environment, would be a pollutant;

_____ 2. (j) Storing or related handling of road oils, dust suppressants,, at a central location;

_____ 2. (k) Application or related handling of road oils, dust suppressants or deicing materials, (does not include use of chloride-based deicing materials applied to roads or parking lots);

_____ 2. (m) Installation, construction, operation, or abandonment of wells, bore holes, or core holes, (this does not include bore holes for the purpose of explosive demolition);

Or, check the following only if there are no qualifying activities

_____ There are no activities for this project as listed in 401 KAR 5:037 Section 2 that require the preparation and implementation of a groundwater protection plan.

KyTC BMP Plan for Project PCN ## -

The contractor is responsible for the preparation of a plan that addresses the

401 KAR 5:037 Section 3. (3) Elements of site specific groundwater protection plan:

- (a) General information about this project is covered in the Project information;
- (b) Activities that require a groundwater protection plan have been identified above;
- (c) Practices that will protect groundwater from pollution are addressed in section C. Other control measures.
- (d) Implementation schedule – all practices required to prevent pollution of groundwater are to be in place prior to conducting the activity;
- (e) Training is required as a part of the ground water protection plan. All employees of the contractor, sub-contractor and resident engineer personnel will be trained to understand the nature and requirements of this plan as they pertain to their job function(s). Training will be accomplished within one week of employment and annually thereafter. A record of training will be maintained by the contractor with a copy provide to the resident engineer.
- (f) Areas of the project and groundwater plan activities will be inspected as part of the weekly sediment and erosion control inspections
- (g) Certification (see signature page.)

Contractor and Resident Engineer Plan certification

The following certification applies to all parties that are signatory to this BMP plan:

Resident Engineer and Contractor Certification:

(2) Resident Engineer signature

(3) Signed _____ title _____,
 Typed or printed name¹ _____ signature _____

1. Contractors Note: to be signed by a person who is the owner, a responsible corporate officer, a general partner or the proprietor or a person designated to have the authority to sign reports by such a person in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601. Reference the Project Control Number (PCN) and KPDES number when one has been issued.

2. KyTC note: to be signed by the Chief District Engineer or a person designated to have the authority to sign reports by such a person (usually the resident engineer) in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601 Reference the Project Control Number (PCN) and KPDES number when one has been issued.

KyTC BMP Plan for Project PCN ## - ####

Sub-Contractor Certification

The following sub-contractor shall be made aware of the BMP plan and responsible for implementation of BMPs identified in this plan as follows:

Subcontractor

Name:
Address:
Address:

Phone:

The part of BMP plan this subcontractor is responsible to implement is:

I certify under penalty of law that I understand the terms and conditions of the general Kentucky Pollutant Discharge Elimination System permit that authorizes the storm water discharges, the BMP plan that has been developed to manage the quality of water to be discharged as a result of storm events associated with the construction site activity and management of non-storm water pollutant sources identified as part of this certification.

Signed _____title_____, _____
Typed or printed name¹signature

1. Sub Contractor Note: to be signed by a person who is the owner, a responsible corporate officer, a general partner or the proprietor or a person designated to have the authority to sign reports by such a person in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601. Reference the Project Control Number (PCN) and KPDES number when one has been issued.

**KENTUCKY TRANSPORTATION CABINET
COMMUNICATING ALL PROMISES (CAP)**

11 FEB 2015

<u>Item No.</u>	2 - 232.01			<u>Project Mgr.</u>
			<u>County</u> HENDERSON	<u>Route</u> EB-9004
<u>CAP #</u>	<u>Date of Promise</u>	<u>Promise made to:</u>	<u>Location of Promise</u>	
1	11-FEB-15	DEA	Project	
<u>CAP Description</u>				
KYTC ANTICIPATES THE LISTING OF THE NORTHERN LONG-EARED BAT AS A THREATENED OR ENDANGERED SPECIES UNDER THE ENDANGERED SPECIES ACT IN 2015. KYTC RECOMMENDS THAT THE CONTRACTOR FALL ALL TREES AS EARLY AFTER CONTRACT AWARD AS POSSIBLE, AND BY NO LATER THAN APRIL 30, 2015. BEGINNING MAY 1, 2015, NO ADDITIONAL TREE REMOVAL MAY OCCUR. IF ALL TREES WERE FALLEN PRIOR TO MAY 1, 2015, THE CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE KYTC DIVISION OF ENVIRONMENTAL ANALYSIS BY MAY 15, 2015, ATTESTING TO THIS CIRCUMSTANCE.				
IF TREE REMOVAL HAS NOT BEEN COMPLETED PRIOR TO MAY 1, 2015, THE CONTRACTOR SHALL PROVIDE A MAP TO KYTC DIVISION OF ENVIRONMENTAL ANALYSIS BY MAY 15, 2015, DELINEATING ANY FOREST/TREES REMAINING TO BE FALLEN AND A CALCULATION OF THE REMAINING FORESTED ACREAGE REPRESENTED. THE CONTRACTOR WILL BE NOTIFIED BY KYTC DIVISION OF ENVIRONMENTAL ANALYSIS WHEN TREE CUTTING MAY RESUME. IN ORDER TO COMPLETE REQUIRED CONSULTATION WITH THE US FISH AND WILDLIFE SERVICE, IT IS EXPECTED THAT THIS WILL REQUIRE A MINIMUM OF 45 DAYS FOLLOWING RECEIPT OF THE MAP AND ACREAGE REMAINING TO BE REMOVED, WILL BE REQUIRED TO COMPLETE CONSULTATION WITH THE US FISH AND WILDLIFE SERVICE AND ISSUE THE NOTIFICATION THAT CLEARING MAY RESUME.				

MATERIAL SUMMARY

CONTRACT ID: 151207

121GR15D007-NHPP

DE05100691507

I-69 CORRIDOR SIGNING (EB 9004 AND US 41 IN HENDERSON) I-69 CORRIDOR SIGNING BETWEEN MP 65.305 ON EB 9004 AND MP 20.977 ON US 41 TO MEET INTERSTATE STANDARDS (I-69 CORRIDOR IMPROVEMENT) SIGNS, A DISTANCE OF 36.4 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0001	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	1.00	EACH
0002	02367	GUARDRAIL END TREATMENT TYPE 1	3.00	EACH
0003	02369	GUARDRAIL END TREATMENT TYPE 2A	14.00	EACH
0004	02381	REMOVE GUARDRAIL	989.00	LF
0005	02396	REMOVE GUARDRAIL END TREATMENT	10.00	EACH
0006	02650	MAINTAIN & CONTROL TRAFFIC - (HENDERSON)	1.00	LS
0007	02775	ARROW PANEL	1.00	EACH
0008	04903	REFERENCE MARKER	110.00	EACH
0009	06400	GMSS GALV STEEL TYPE A	19,630.00	LB
0010	06405	SBM ALUMINUM PANEL SIGNS	14,136.00	SQFT
0011	06406	SBM ALUM SHEET SIGNS .080 IN	165.00	SQFT
0012	06407	SBM ALUM SHEET SIGNS .125 IN	595.00	SQFT
0013	06410	STEEL POST TYPE 1	742.00	LF
0014	06412	STEEL POST MILE MARKERS	42.00	EACH
0015	06419	OSS ALUMINUM 50 FT TRUSS	1.00	EACH
0016	06420	OSS ALUMINUM 55 FT TRUSS	3.00	EACH
0017	06422	OSS ALUMINUM 60 FT TRUSS	2.00	EACH
0018	06424	OSS ALUMINUM 65 FT TRUSS	1.00	EACH
0019	06426	OSS ALUMINUM 70 FT TRUSS	3.00	EACH
0020	06438	OSS ALUMINUM 80 FT TRUSS	1.00	EACH
0021	06441	GMSS GALV STEEL TYPE C	24,802.00	LB
0022	06448	SIGN BRIDGE ATTACHMENT BRACKET	6.00	EACH
0023	06449	REM OVERHEAD SIGN SUPPORT STR	17.00	EACH
0024	06450	REM OVERHEAD STRUC CONC BASE	34.00	EACH
0025	06451	REMOVE SIGN SUPPORT BEAM	76.00	EACH
0026	06457	OSS ALUMINUM 105 FT TRUSS	2.00	EACH
0027	06459	OSS ALUMINUM 110 FT TRUSS	1.00	EACH
0028	06463	OSS ALUMINUM 120 FT TRUSS	1.00	EACH
0029	06490	CLASS A CONCRETE FOR SIGNS	503.00	CUYD
0030	06491	STEEL REINFORCEMENT FOR SIGNS	38,672.00	LB
0031	20418ED	REMOVE & RELOCATE SIGNS	2.00	EACH
0032	20419ND	ROADWAY CROSS SECTION	51.00	EACH
0033	21373ND	REMOVE SIGN	89.00	EACH
0034	21596ND	GMSS TYPE D	33.00	EACH
0035	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	762.50	LF
0036	23639ED	REM SIGN BRIDGE MOUNT ATTACHMENT	6.00	EACH
0037	24631EC	BARCODE SIGN INVENTORY	65.00	EACH
0038	02568	MOBILIZATION	1.00	LS
0039	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 151207

121GR15D007-NHPP

DE05400691507

I-69 CORRIDOR SIGNING (EB 9004 IN HOPKINS) I-69 CORRIDOR SIGNING BETWEEN MP 35.590 AND MP 55.003 TO MEET INTERSTATE STANDARDS (I-69 CORRIDOR IMPROVEMENT) SIGNS, A DISTANCE OF 19.41 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0001	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	125.00	EACH
0002	01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	75.00	EACH
0003	02367	GUARDRAIL END TREATMENT TYPE 1	1.00	EACH
0004	02369	GUARDRAIL END TREATMENT TYPE 2A	2.00	EACH
0005	02381	REMOVE GUARDRAIL	120.00	LF
0006	02396	REMOVE GUARDRAIL END TREATMENT	1.00	EACH
0007	02650	MAINTAIN & CONTROL TRAFFIC - (HOPKINS)	1.00	LS
0008	02775	ARROW PANEL	1.00	EACH
0009	04903	REFERENCE MARKER	196.00	EACH
0010	06201	OSS GALV STEEL CANTILEVER MOD	2.00	EACH
0011	06400	GMSS GALV STEEL TYPE A	42,216.00	LB
0012	06401	FLEXIBLE DELINEATOR POST-M/W	341.00	EACH
0013	06404	FLEXIBLE DELINEATOR POST-M/Y	187.00	EACH
0014	06405	SBM ALUMINUM PANEL SIGNS	9,526.00	SQFT
0015	06406	SBM ALUM SHEET SIGNS .080 IN	765.00	SQFT
0016	06407	SBM ALUM SHEET SIGNS .125 IN	1,140.00	SQFT
0017	06410	STEEL POST TYPE 1	3,437.00	LF
0018	06412	STEEL POST MILE MARKERS	38.00	EACH
0019	06441	GMSS GALV STEEL TYPE C	32,209.00	LB
0020	06443	OSS ALUMINUM 85 FT TRUSS	1.00	EACH
0021	06449	REM OVERHEAD SIGN SUPPORT STR	2.00	EACH
0022	06450	REM OVERHEAD STRUC CONC BASE	4.00	EACH
0023	06451	REMOVE SIGN SUPPORT BEAM	114.00	EACH
0024	06490	CLASS A CONCRETE FOR SIGNS	296.00	CUYD
0025	06491	STEEL REINFORCEMENT FOR SIGNS	11,774.00	LB
0026	06515	PAVE STRIPING-PERM PAINT-6 IN	1,149.00	LF
0027	06517	PAVE STRIPING-PERM PAINT-12 IN	2,002.00	LF
0028	20418ED	REMOVE & RELOCATE SIGNS	5.00	EACH
0029	20419ND	ROADWAY CROSS SECTION	55.00	EACH
0030	21373ND	REMOVE SIGN	57.00	EACH
0031	21596ND	GMSS TYPE D	30.00	EACH
0032	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	200.00	LF
0033	22664EN	WATER BLASTING EXISTING STRIPE	460.00	LF
0034	24631EC	BARCODE SIGN INVENTORY	310.00	EACH
0035	24679ED	PAVE MARK THERMO CHEVRON	5,937.00	SQFT
0036	24689EC	PAVE MARK THERMO-WRONG WAY ARROW	14.00	EACH
0037	02568	MOBILIZATION	1.00	LS
0038	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 151207

121GR15D007-NHPP

DE11700691507

I-69 CORRIDOR SIGNING (EB 9004 IN WEBSTER) I-69 CORRIDOR SIGNING BETWEEN MP 55.003 AND MP 65.305 TO MEET INTERSTATE STANDARDS (I-69 CORRIDOR IMPROVEMENT) SIGNS, A DISTANCE OF 10.3 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0001	02650	MAINTAIN & CONTROL TRAFFIC - (WEBSTER)	1.00	LS
0002	02775	ARROW PANEL	1.00	EACH
0003	04903	REFERENCE MARKER	102.00	EACH
0004	06203	MODIFY PANEL SIGNS	6.00	EACH
0005	06400	GMSS GALV STEEL TYPE A	1,781.00	LB
0006	06405	SBM ALUMINUM PANEL SIGNS	462.00	SQFT
0007	06406	SBM ALUM SHEET SIGNS .080 IN	138.00	SQFT
0008	06407	SBM ALUM SHEET SIGNS .125 IN	80.00	SQFT
0009	06410	STEEL POST TYPE 1	343.00	LF
0010	06412	STEEL POST MILE MARKERS	22.00	EACH
0011	06441	GMSS GALV STEEL TYPE C	935.00	LB
0012	06451	REMOVE SIGN SUPPORT BEAM	8.00	EACH
0013	06490	CLASS A CONCRETE FOR SIGNS	10.00	CUYD
0014	06491	STEEL REINFORCEMENT FOR SIGNS	220.00	LB
0015	20419ND	ROADWAY CROSS SECTION	2.00	EACH
0016	21373ND	REMOVE SIGN	5.00	EACH
0017	21596ND	GMSS TYPE D	6.00	EACH
0018	24631EC	BARCODE SIGN INVENTORY	46.00	EACH
0019	02568	MOBILIZATION	1.00	LS
0020	02569	DEMOBILIZATION	1.00	LS

PART II

SPECIFICATIONS AND STANDARD DRAWINGS

SPECIFICATIONS REFERENCE

Any reference in the plans or proposal to previous editions of the *Standard Specifications for Road and Bridge Construction* and *Standard Drawings* are superseded by *Standard Specifications for Road and Bridge Construction, Edition of 2012* and *Standard Drawings, Edition of 2012 with the 2012 Revision*.

**Supplemental Specifications to the
Standard Specifications for Road and Bridge Construction, 2012 Edition
Effective with the August 22, 2014 Letting**

Subsection:	102.15 Process Agent.
Revision:	Replace the 1st paragraph with the following: Every corporation doing business with the Department shall submit evidence of compliance with KRS Sections 14A.4-010, 271B.11-010, 271B.11-070, 271B.11-080, 271B.5-010 and 271B.16-220, and file with the Department the name and address of the process agent upon whom process may be served.
Subsection:	105.13 Claims Resolution Process.
Revision:	Delete all references to TC 63-34 and TC 63-44 from the subsection as these forms are no longer available through the forms library and are forms generated within the AASHTO SiteManager software.
Subsection:	108.03 Preconstruction Conference.
Revision:	Replace 8) Staking with the following: 8) Staking (designated by a Professional Engineer or Land Surveyor licensed in the Commonwealth of Kentucky.
Subsection:	109.07.02 Fuel.
Revision:	Revise item Crushed Aggregate Used for Embankment Stabilization to the following: Crushed Aggregate Used for Stabilization of Unsuitable Materials Used for Embankment Stabilization
	Delete the following item from the table. Crushed Sandstone Base (Cement Treated)
Subsection:	110.02 Demobilization.
Revision:	Replace the first part of the first sentence of the second paragraph with the following: Perform all work and operations necessary to accomplish final clean-up as specified in the first paragraph of Subsection 105.12;
Subsection:	112.03.12 Project Traffic Coordinator (PTC).
Revision:	Replace the last paragraph of this subsection with the following: Ensure the designated PTC has sufficient skill and experience to properly perform the task assigned and has successfully completed the qualification courses.
Subsection:	112.04.18 Diversions (By-Pass Detours).
Revision:	Insert the following sentence after the 2nd sentence of this subsection. The Department will not measure temporary drainage structures for payment when the contract documents provide the required drainage opening that must be maintained with the diversion. The temporary drainage structures shall be incidental to the construction of the diversion. If the contract documents fail to provide the required drainage opening needed for the diversion, the cost of the temporary drainage structure will be handled as extra work in accordance with section 109.04.
Subsection:	201.03.01 Contractor Staking.
Revision:	Replace the first paragraph with the following: Perform all necessary surveying under the general supervision of a Professional Engineer or Land Surveyor licensed in the Commonwealth of Kentucky.

**Supplemental Specifications to the
Standard Specifications for Road and Bridge Construction, 2012 Edition
Effective with the August 22, 2014 Letting**

Subsection:	201.04.01 Contractor Staking.
Revision:	Replace the last sentence of the paragraph with the following: Complete the general layout of the project under the supervision of a Professional Engineer or Land Surveyor licensed in the Commonwealth of Kentucky.
Subsection:	206.04.01 Embankment-in-Place.
Revision:	Replace the fourth paragraph with the following: The Department will not measure suitable excavation included in the original plans that is disposed of for payment and will consider it incidental to Embankment-in-Place.
Subsection:	208.02.01 Cement.
Revision:	Replace paragraph with the following: Select Type I or Type II cement conforming to Section 801. Use the same type cement throughout the work.
Subsection:	208.03.06 Curing and Protection.
Revision:	Replace the fourth paragraph with the following: Do not allow traffic or equipment on the finished surface until the stabilized subgrade has cured for a total of 7-days with an ambient air temperature above 40 degrees Fahrenheit. A curing day consists of a continuous 24-hour period in which the ambient air temperature does not fall below 40 degrees Fahrenheit. Curing days will not be calculated consecutively, but must total seven (7) , 24-hour days with the ambient air temperature remaining at or above 40 degrees Fahrenheit before traffic or equipment will be allowed to traverse the stabilized subgrade. The Department may allow a shortened curing period when the Contractor requests. The Contractor shall give the Department at least 3 day notice of the request for a shortened curing period. The Department will require a minimum of 3 curing days after final compaction. The Contractor shall furnish cores to the treated depth of the roadbed at 500 feet intervals for each lane when a shortened curing time is requested. The Department will test cores using an unconfined compression test. Roadbed cores must achieve a minimum strength requirement of 80 psi.
Subsection:	208.03.06 Curing and Protection.
Revision:	Replace paragraph eight with the following: At no expense to the Department, repair any damage to the subgrade caused by freezing.
Subsection:	212.03.03 Permanent Seeding and Protection.
Part:	A) Seed Mixtures for Permanent Seeding.
Revision:	Revise Seed Mix Type I to the mixture shown below: 50% Kentucky 31 Tall Fescue (Festuca arundinacea) 35% Hard Fescue (Festuca (Festuca longifolia) 10% Ryegrass, Perennial (Lolium perenne) 5% White Dutch Clover (Trifolium repens)
Subsection:	212.03.03 Permanent Seeding and Protection.
Part:	A) Seed Mixtures for Permanent Seeding.
Number:	2)
Revision:	Replace the paragraph with the following: Permanent Seeding on Slopes Greater than 3:1 in Highway Districts 4, 5, 6, and 7. Apply seed mix Type II at a minimum application rate of 100 pounds per acre. If adjacent to a golf course replace the crown vetch with Kentucky 31 Tall Fescue.

**Supplemental Specifications to the
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Subsection:	212.03.03 Permanent Seeding and Protection.
Part:	A) Seed Mixtures for Permanent Seeding.
Number:	3)
Revision:	Replace the paragraph with the following: Permanent Seeding on Slopes Greater than 3:1 in Highway Districts 1, 2, 3, 8, 9, 10, 11, and 12. Apply seed mix Type III at a minimum application rate of 100 pounds per acre. If adjacent to crop land or golf course, replace the Sericea Lespedeza with Kentucky 31 Fescue.
Subsection:	212.03.03 Permanent Seeding and Protection.
Part:	B) Procedures for Permanent Seeding.
Revision:	Delete the first sentence of the section.
Subsection:	212.03.03 Permanent Seeding and Protection.
Part:	B) Procedures for Permanent Seeding.
Revision:	Replace the second and third sentence of the section with the following: Prepare a seedbed and apply an initial fertilizer that contains a minimum of 100 pounds of nitrogen, 100 pounds of phosphate, and 100 pounds of potash per acre. Apply agricultural limestone to the seedbed when the Engineer determines it is needed. When required, place agricultural limestone at a rate of 3 tons per acre.
Subsection:	212.03.03 Permanent Seeding and Protection.
Part:	D) Top Dressing.
Revision:	Change the title of part to D) Fertilizer.
Subsection:	212.03.03 Permanent Seeding and Protection.
Part:	D) Fertilizer.
Revision:	Replace the first paragraph with the following: Apply fertilizer at the beginning of the seeding operation and after vegetation is established. Use fertilizer delivered to the project in bags or bulk. Apply initial fertilizer to all areas prior to the seeding or sodding operation at the application rate specified in 212.03.03 B). Apply 20-10-10 fertilizer to the areas after vegetation has been established at a rate of 11.5 pounds per 1,000 square feet. Obtain approval from the Engineer prior to the 2nd fertilizer application. Reapply fertilizer to any area that has a streaked appearance. The reapplication shall be at no additional cost to the Department. Re-establish any vegetation severely damaged or destroyed because of an excessive application of fertilizer at no cost to the Department.
Subsection:	212.03.03 Permanent Seeding and Protection.
Part:	D) Fertilizer.
Revision:	Delete the second paragraph.
Subsection:	212.04.04 Agricultural Limestone.
Revision:	Replace the entire section with the following: The Department will measure the quantity of agricultural limestone in tons.
Subsection:	212.04.05 Fertilizer.
Revision:	Replace the entire section with the following: The Department will measure fertilizer used in the seeding or sodding operations for payment. The Department will measure the quantity by tons.

**Supplemental Specifications to the
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Subsection:	212.05 PAYMENT.		
Revision:	Delete the following item code:		
	<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
	05966	Topdressing Fertilizer	Ton
Subsection:	212.05 PAYMENT.		
Revision:	Add the following pay items:		
	<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
	05963	Initial Fertilizer	Ton
	05964	20-10-10 Fertilizer	Ton
	05992	Agricultural Limestone	Ton
Subsection:	213.03.02 Progress Requirements.		
Revision:	Replace the last sentence of the third paragraph with the following: Additionally, the Department will apply a penalty equal to the liquidated damages when all aspects of the work are not coordinated in an acceptable manner within 7 calendar days after written notification.		
Subsection:	213.03.05 Temporary Control Measures.		
Part:	E) Temporary Seeding and Protection.		
Revision:	Delete the second sentence of the first paragraph.		
Subsection:	304.02.01 Physical Properties.		
Table:	Required Geogrid Properties		
Revision:	Replace all references to Test Method "GRI-GG2-87" with ASTM D 7737.		
Subsection:	402.03.02 Contractor Quality Control and Department Acceptance.		
Part:	B) Sampling.		
Revision:	Replace the second sentence with the following: The Department will determine when to obtain the quality control samples using the random-number feature of the mix design submittal and approval spreadsheet. The Department will randomly determine when to obtain the verification samples required in Subsections 402.03.03 and 402.03.04 using the Asphalt Mixture Sample Random Tonnage Generator.		
Subsection:	402.03.02 Contractor Quality Control and Department Acceptance.		
Part:	D) Testing Responsibilities.		
Number:	3) VMA.		
Revision:	Add the following paragraph below Number 3) VMA: Retain the AV/VMA specimens and one additional corresponding G _{mm} sample for 5 working days for mixture verification testing by the Department. For Specialty Mixtures, retain a mixture sample for 5 working days for mixture verification testing by the Department. When the Department's test results do not verify that the Contractor's quality control test results are within the acceptable tolerances according to Subsection 402.03.03, retain the samples and specimens from the affected subplot(s) for the duration of the project.		
Subsection:	402.03.02 Contractor Quality Control and Department Acceptance.		
Part:	D) Testing Responsibilities.		
Number:	4) Density.		
Revision:	Replace the second sentence of the Option A paragraph with the following: Perform coring by the end of the following work day.		

**Supplemental Specifications to the
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Subsection:	402.03.02 Contractor Quality Control and Department Acceptance.
Part:	D) Testing Responsibilities.
Number:	5) Gradation.
Revision:	Delete the second paragraph.
Subsection:	402.03.02 Contractor Quality Control and Department Acceptance.
Part:	H) Unsatisfactory Work.
Number:	1) Based on Lab Data.
Revision:	Replace the second paragraph with the following: When the Engineer determines that safety concerns or other considerations prohibit an immediate shutdown, continue work and the Department will make an evaluation of acceptability according to Subsection 402.03.05.
Subsection:	402.03.03 Verification.
Revision:	Replace the first paragraph with the following: 402.03.03 Mixture Verification. For volumetric properties, the Department will perform a minimum of one verification test for AC, AV, and VMA according to the corresponding procedures as given in Subsection 402.03.02. The Department will randomly determine when to obtain the verification sample using the Asphalt Mixture Sample Random Tonnage Generator. For specialty mixtures, the Department will perform one AC and one gradation determination per lot according to the corresponding procedures as given in Subsection 402.03.02. However, Department personnel will not perform AC determinations according to KM 64-405. The Contractor will obtain a quality control sample at the same time the Department obtains the mixture verification sample and perform testing according to the procedures given in Subsection 402.03.02. If the Contractor's quality control sample is verified by the Department's test results within the tolerances provided below, the Contractor's sample will serve as the quality control sample for the affected subplot. The Department may perform the mixture verification test on the Contractor's equipment or on the Department's equipment.
Subsection:	402.03.03 Verification.
Part:	A) Evaluation of Sublot(s) Verified by Department.
Revision:	Replace the third sentence of the second paragraph with the following: When the paired t -test indicates that the Contractor's data and Department's data are possibly not from the same population, the Department will investigate the cause for the difference according to Subsection 402.03.05 and implement corrective measures as the Engineer deems appropriate.
Subsection:	402.03.03 Verification.
Part:	B) Evaluation of Sublots Not Verified by Department.
Revision:	Replace the third sentence of the first paragraph with the following: When differences between test results are not within the tolerances listed below, the Department will resolve the discrepancy according to Subsection 402.03.05.

**Supplemental Specifications to the
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Subsection:	402.03.03 Verification.
Part:	B) Evaluation of Sublots Not Verified by Department.
Revision:	Replace the third sentence of the second paragraph with the following: When the <i>F</i> -test or <i>t</i> -test indicates that the Contractor's data and Department's data are possibly not from the same population, the Department will investigate the cause for the difference according to Subsection 402.03.05 and implement corrective measures as the Engineer deems appropriate.
Subsection:	402.03.03 Verification.
Part:	C) Test Data Patterns.
Revision:	Replace the second sentence with the following: When patterns indicate substantial differences between the verified and non-verified sublots, the Department will perform further comparative testing according to subsection 402.03.05.
Subsection:	402.03 CONSTRUCTION.
Revision:	Add the following subsection: 402.03.04 Testing Equipment and Technician Verification. For mixtures with a minimum quantity of 20,000 tons and for every 20,000 tons thereafter, the Department will obtain an additional verification sample at random using the Asphalt Mixture Sample Random Tonnage Generator in order to verify the integrity of the Contractor's and Department's laboratory testing equipment and technicians. The Department will obtain a mixture sample of at least 150 lb at the asphalt mixing plant according to KM 64-425 and split it according to AASHTO R 47. The Department will retain one split portion of the sample and provide the other portion to the Contractor. At a later time convenient to both parties, the Department and Contractor will simultaneously reheat the sample to the specified compaction temperature and test the mixture for AV and VMA using separate laboratory equipment according to the corresponding procedures given in Subsection 402.03.02. The Department will evaluate the differences in test results between the two laboratories. When the difference between the results for AV or VMA is not within ± 2.0 percent, the Department will investigate and resolve the discrepancy according to Subsection 402.03.05.
Subsection:	402.03.04 Dispute Resolution.
Revision:	Change the subsection number to 402.03.05.
Subsection:	402.05 PAYMENT.
Part:	Lot Pay Adjustment Schedule Compaction Option A Base and Binder Mixtures
Table:	AC
Revision:	Replace the Deviation from JMF(%) that corresponds to a Pay Value of 0.95 to ± 0.6 .
Subsection:	403.02.10 Material Transfer Vehicle (MTV).
Revision:	Replace the first sentence with the following: In addition to the equipment specified above, provide a MTV with the following minimum characteristics:
Subsection:	412.02.09 Material Transfer Vehicle (MTV).
Revision:	Replace the paragraph with the following: Provide and utilize a MTV with the minimum characteristics outlined in section 403.02.10.

**Supplemental Specifications to the
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Subsection:	412.03.07 Placement and Compaction.
Revision:	Replace the first paragraph with the following: Use a MTV when placing SMA mixture in the driving lanes. The MTV is not required on ramps and/or shoulders unless specified in the contract. When the Engineer determines the use of the MTV is not practical for a portion of the project, the Engineer may waive its requirement for that portion of pavement by a letter documenting the waiver.
Subsection:	412.04 MEASUREMENT.
Revision:	Add the following subsection: 412.04.03. Material Transfer Vehicle (MTV). The Department will not measure the MTV for payment and will consider its use incidental to the asphalt mixture.
Subsection:	501.03.19 Surface Tolerances and Testing Surface.
Part:	B) Ride Quality.
Revision:	Add the following to the end of the first paragraph: The Department will specify if the ride quality requirements are Category A or Category B when ride quality is specified in the Contract. Category B ride quality requirements shall apply when the Department fails to classify which ride quality requirement will apply to the Contract.
Subsection:	603.03.06 Cofferdams.
Revision:	Replace the seventh sentence of paragraph one with the following: Submit drawings that are stamped by a Professional Engineer licensed in the Commonwealth of Kentucky.
Subsection:	605.03.04 Tack Welding.
Revision:	Insert the subsection and the following: 605.03.04 Tack Welding. The Department does not allow tack welding.
Subsection:	606.03.17 Special Requirements for Latex Concrete Overlays.
Part:	A) Existing Bridges and New Structures.
Number:	1) Prewetting and Grout-Bond Coat.
Revision:	Add the following sentence to the last paragraph: Do not apply a grout-bond coat on bridge decks prepared by hydrodemolition.
Subsection:	609.03 Construction.
Revision:	Replace Subsection 609.03.01 with the following: 609.03.01 A) Swinging the Spans. Before placing concrete slabs on steel spans or precast concrete release the temporary erection supports under the bridge and swing the span free on its supports. 609.03.01 B) Lift Loops. Cut all lift loops flush with the top of the precast beam once the beam is placed in the final location and prior to placing steel reinforcement. At locations where lift loops are cut, paint the top of the beam with galvanized or epoxy paint.
Subsection:	611.03.02 Precast Unit Construction.
Revision:	Replace the first sentence of the subsection with the following: Construct units according to ASTM C1577, replacing Table 1 (Design Requirements for Precast Concrete Box Sections Under Earth, Dead and HL-93 Live Load Conditions) with KY Table 1 (Precast Culvert KYHL-93 Design Table) , and Section 605 with the following exceptions and additions:

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Subsection:	613.03.01 Design.
Number:	2)
Revision:	Replace "AASHTO Standard Specifications for Highway Bridges" with "AASHTO LRFD Bridge Design Specifications"
Subsection:	615.06.02
Revision:	Add the following sentence to the end of the subsection. The ends of units shall be normal to walls and centerline except exposed edges shall be beveled $\frac{3}{4}$ inch.
Subsection:	615.06.03 Placement of Reinforcement in Precast 3-Sided Units.
Revision:	Replace the reference of 6.6 in the section to 615.06.06.
Subsection:	615.06.04 Placement of Reinforcement for Precast Endwalls.
Revision:	Replace the reference of 6.7 in the section to 615.06.07.
Subsection:	615.06.06 Laps, Welds, and Spacing for Precast 3-Sided Units.
Revision:	Replace the subsection with the following: Tension splices in the circumferential reinforcement shall be made by lapping. Laps may not be tack welded together for assembly purposes. For smooth welded wire fabric, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.5.2 and AASHTO 2012 Bridge Design Guide Section 5.11.6.3. For deformed welded wire fabric, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.5.1 and AASHTO 2012 Bridge Design Guide Section 5.11.6.2. The overlap of welded wire fabric shall be measured between the outer most longitudinal wires of each fabric sheet. For deformed billet-steel bars, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.1. For splices other than tension splices, the overlap shall be a minimum of 12" for welded wire fabric or deformed billet-steel bars. The spacing center to center of the circumferential wires in a wire fabric sheet shall be no less than 2 inches and no more than 4 inches. The spacing center to center of the longitudinal wires shall not be more than 8 inches. The spacing center to center of the longitudinal distribution steel for either line of reinforcing in the top slab shall be not more than 16 inches.
Subsection:	615.06.07 Laps, Welds, and Spacing for Precast Endwalls.
Revision:	Replace the subsection with the following: Splices in the reinforcement shall be made by lapping. Laps may not be tack welded together for assembly purposes. For smooth welded wire fabric, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.5.2 and AASHTO 2012 Bridge Design Guide Section 5.11.6.3. For deformed welded wire fabric, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.5.1 and AASHTO 2012 Bridge Design Guide Section 5.11.6.2. For deformed billet-steel bars, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.1. The spacing center-to-center of the wire fabric sheet shall not be less than 2 inches or more than 8 inches.

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Subsection:	615.08.01 Type of Test Specimen.
Revision:	Replace the subsection with the following: Start-up slump, air content, unit weight, and temperature tests will be performed each day on the first batch of concrete. Acceptable start-up results are required for production of the first unit. After the first unit has been established, random acceptance testing is performed daily for each 50 yd ³ (or fraction thereof). In addition to the slump, air content, unit weight, and temperature tests, a minimum of one set of cylinders shall be required each time plastic property testing is performed.
Subsection:	615.08.02 Compression Testing.
Revision:	Delete the second sentence.
Subsection:	615.08.04 Acceptability of Core Tests.
Revision:	Delete the entire subsection.
Subsection:	615.12 Inspection.
Revision:	Add the following sentences to the end of the subsection: Units will arrive at jobsite with the "Kentucky Oval" stamped on the unit which is an indication of acceptable inspection at the production facility. Units shall be inspected upon arrival for any evidence of damage resulting from transport to the jobsite.
Subsection:	716.02.02 Paint.
Revision:	Replace sentence with the following: Conform to Section 821.
Subsection:	716.03 CONSTRUCTION.
Revision:	Replace bullet 5) with the following: 5) AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims,
Subsection:	716.03.02 Lighting Standard Installation.
Revision:	Replace the second sentence with the following: Regardless of the station and offset noted, locate all poles/bases behind the guardrail a minimum of four feet from the front face of the guardrail to the front face of the pole base.
Subsection:	716.03.02 Lighting Standard Installation.
Part:	A) Conventional Installation.
Revision:	Replace the third sentence with the following: Orient the transformer base so the door is positioned on the side away from on-coming traffic.
Subsection:	716.03.02 Lighting Standard Installation.
Part:	A) Conventional Installation.
Number:	1) Breakaway Installation and Requirements.
Revision:	Replace the first sentence with the following: For breakaway supports, conform to Section 12 of the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims.
Subsection:	716.03.02 Lighting Standard Installation.
Part:	B) High Mast Installation
Revision:	Replace the first sentence with the following: Install each high mast pole as noted on plans.
Subsection:	716.03.02 Lighting Standard Installation.
Part:	B) High Mast Installation
Number:	2) Concrete Base Installation
Revision:	Modification of Chart and succeeding paragraphs within this section:

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Drilled Shaft Depth Data							
Level Ground		3:1 Ground Slope		2:1 Ground Slope		1.5:1 Ground Slope ⁽²⁾	
Soil	Rock	Soil	Rock	Soil	Rock	Soil	Rock
17 ft	7 ft	19 ft	7 ft	20 ft	7 ft	⁽¹⁾	7 ft
Steel Requirements							
Vertical Bars		Ties or Spiral					
Size	Total	Size	Spacing or Pitch				
#10	16	#4	12 inch				

(1): Shaft length is 22' for cohesive soil only. For cohesionless soil, contact geotechnical branch for design.

(2): Do not construct high mast drilled shafts on ground slopes steeper than 1.5:1 without the approval of the Division of Traffic.

If rock is encountered during drilling operations and confirmed by the engineer to be of sound quality, the shaft is only required to be further advanced into the rock by the length of rock socket shown in the table. The total length of the shaft need not be longer than that of soil alone. Both longitudinal rebar length and number of ties or spiral length shall be adjusted accordingly.

If a shorter depth is desired for the drilled shaft, the contractor shall provide, for the state's review and approval, a detailed column design with individual site specific soil and rock analysis performed and approved by a Professional Engineer licensed in the Commonwealth of Kentucky.

Spiral reinforcement may be substituted for ties. If spiral reinforcement is used, one and one-half closed coils shall be provided at the ends of each spiral unit. Subsurface conditions consisting of very soft clay or very loose saturated sand could result in soil parameters weaker than those assumed. Engineer shall consult with the geotechnical branch if such conditions are encountered.

The bottom of the drilled hole shall be firm and thoroughly cleaned so no loose or compressible materials are present at the time of the concrete placement. If the drilled hole contains standing water, the concrete shall be placed using a tremie to displace water. Continuous concrete flow will be required to insure full displacement of any water.

The reinforcement and anchor bolts shall be adequately supported in the proper positions so no movement occurs during concrete placement. Welding of anchor bolts to the reinforcing cage is unacceptable, templates shall be used. Exposed portions of the foundation shall be formed to create a smooth finished surface. All forming shall be removed upon completion of foundation construction.

Subsection:	716.03.03 Trenching.
Part:	A) Trenching of Conduit for Highmast Ducted Cables.
Revision:	Add the following after the first sentence: If depths greater than 24 inches are necessary, obtain the Engineer's approval and maintain the required conduit depths coming into the junction boxes. No payment for additional junction boxes for greater depths will be allowed.

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Subsection:	716.03.03 Trenching.
Part:	B) Trenching of Conduit for Non-Highmast Cables.
Revision:	Add the following after the second sentence: If depths greater than 24 inches are necessary for either situation listed previously, obtain the Engineer's approval and maintain the required conduit depths coming into the junction boxes. No payment for additional junction boxes for greater depths will be allowed.
Subsection:	716.03.10 Junction Boxes.
Revision:	Replace subsection title with the following: Electrical Junction Box.
Subsection:	716.04.07 Pole with Secondary Control Equipment.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as each individual unit furnished and installed. The Department will not measure mounting the cabinet to the pole, backfilling, restoration, any necessary hardware to anchor pole, or electrical inspection fees, and will consider them incidental to this item of work. The Department will also not measure furnishing and installing electrical service conductors, specified conduits, meter base, transformer, service panel, fused cutout, fuses, lighting arrestors, photoelectrical control, circuit breaker, contactor, manual switch, ground rods, and ground wires and will consider them incidental to this item of work.
Subsection:	716.04.08 Lighting Control Equipment.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as each individual unit furnished and installed. The Department will not measure constructing the concrete base, excavation, backfilling, restoration, any necessary anchors, or electrical inspection fees, and will consider them incidental to this item of work. The Department will also not measure furnishing and installing electrical service conductors, specified conduits, meter base, transformer, service panel, fused cutout, fuses, lighting arrestors, photoelectrical control, circuit breakers, contactor, manual switch, ground rods, and ground wires and will consider them incidental to this item of work.
Subsection:	716.04.09 Luminaire.
Revision:	Replace the first sentence with the following: The Department will measure the quantity as each individual unit furnished and installed.
Subsection:	716.04.10 Fused Connector Kits.
Revision:	Replace the first sentence with the following: The Department will measure the quantity as each individual unit furnished and installed.
Subsection:	716.04.13 Junction Box.
Revision:	Replace the subsection title with the following: Electrical Junction Box Type Various.
Subsection:	716.04.13 Junction Box.
Part:	A) Junction Electrical.
Revision:	Rename A) Junction Electrical to the following: A) Electrical Junction Box.
Subsection:	716.04.14 Trenching and Backfilling.
Revision:	Replace the second sentence with the following: The Department will not measure excavation, backfilling, underground utility warning tape (if required), the restoration of disturbed areas to original condition, and will consider them incidental to this item of work.

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Subsection:	716.04.18 Remove Lighting.		
Revision:	Replace the paragraph with the following: The Department will measure the quantity as a lump sum for the removal of lighting equipment. The Department will not measure the disposal of all equipment and materials off the project by the contractor. The Department also will not measure the transportation of the materials and will consider them incidental to this item of work.		
Subsection:	716.04.20 Bore and Jack Conduit.		
Revision:	Replace the paragraph with the following: The Department will measure the quantity in linear feet. This item shall include all work necessary for boring and installing conduit under an existing roadway. Construction methods shall be in accordance with Sections 706.03.02, paragraphs 1, 2, and 4.		
Subsection:	716.05 PAYMENT.		
Revision:	Replace items 04810-04811, 20391NS835 and, 20392NS835 under <u>Code</u> , <u>Pay Item</u> , and <u>Pay Unit</u> with the following:		
	<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
	04810	Electrical Junction Box	Each
	04811	Electrical Junction Box Type B	Each
	20391NS835	Electrical Junction Box Type A	Each
	20392NS835	Electrical Junction Box Type C	Each
Subsection:	723.02.02 Paint.		
Revision:	Replace sentence with the following: Conform to Section 821.		
Subsection:	723.03 CONSTRUCTION.		
Revision:	Replace bullet 5) with the following: 5) AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims,		
Subsection:	723.03.02 Poles and Bases Installation.		
Revision:	Replace the first sentence with the following: Regardless of the station and offset noted, locate all poles/bases behind the guardrail a minimum of four feet from the front face of the guardrail to the front face of the pole base.		
Subsection:	723.03.02 Poles and Bases Installation.		
Part:	A) Steel Strain and Mastarm Poles Installation		
Revision:	Replace the second paragraph with the following: For concrete base installation, see Section 716.03.02, B), 2), Paragraphs 2-7. Drilled shaft depth shall be based on the soil conditions encountered during drilling and slope condition at the site. Refer to the design chart below:		
Subsection:	723.03.02 Poles and Bases Installation.		
Part:	B) Pedestal or Pedestal Post Installation.		
Revision:	Replace the fourth sentence of the paragraph with the following: For breakaway supports, conform to Section 12 of the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims.		

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Subsection:	723.03.03 Trenching.
Part:	A) Under Roadway.
Revision:	Add the following after the second sentence: If depths greater than 24 inches are necessary, obtain the Engineer's approval and maintain either required conduit depths coming into the junction boxes. No payment for additional junction boxes for greater depths will be allowed.
Subsection:	723.03.11 Wiring Installation.
Revision:	Add the following sentence between the fifth and sixth sentences: Provide an extra two feet of loop wire and lead-in past the installed conduit in poles, pedestals, and junction boxes.
Subsection:	723.03.12 Loop Installation.
Revision:	Replace the fourth sentence of the 2nd paragraph with the following: Provide an extra two feet of loop wire and lead-in past the installed conduit in poles, pedestals, and junction boxes.
Subsection:	723.04.02 Junction Box.
Revision:	Replace subsection title with the following: Electrical Junction Box Type Various.
Subsection:	723.04.03 Trenching and Backfilling.
Revision:	Replace the second sentence with the following: The Department will not measure excavation, backfilling, underground utility warning tape (if required), the restoration of disturbed areas to original condition, and will consider them incidental to this item of work.
Subsection:	723.04.10 Signal Pedestal.
Revision:	Replace the second sentence with the following: The Department will not measure excavation, concrete, reinforcing steel, specified conduits, fittings, ground rod, ground wire, backfilling, restoring disturbed areas, or other necessary hardware and will consider them incidental to this item of work.
Subsection:	723.04.15 Loop Saw Slot and Fill.
Revision:	Replace the second sentence with the following: The Department will not measure sawing, cleaning and filling induction loop saw slot, loop sealant, backer rod, and grout and will consider them incidental to this item of work.
Subsection:	723.04.16 Pedestrian Detector.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as each individual unit furnished, installed and connected to pole/pedestal. The Department will not measure installing R10-3e (with arrow) sign, furnishing and installing mounting hardware for sign and will consider them incidental to this item of work.
Subsection:	723.04.18 Signal Controller- Type 170.
Revision:	Replace the second sentence with the following: The Department will not measure constructing the concrete base or mounting the cabinet to the pole, connecting the signal and detectors, excavation, backfilling, restoration, any necessary pole mounting hardware, electric service, or electrical inspection fees and will consider them incidental to this item of work. The Department will also not measure furnishing and connecting the induction of loop amplifiers, pedestrian isolators, load switches, model 400 modem card; furnishing and installing electrical service conductors, specified conduits, anchors, meter base, fused cutout, fuses, ground rods, ground wires and will consider them incidental to this item of work.

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Subsection:	723.04.20 Install Signal Controller - Type 170.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as each individual unit installed. The Department will not measure constructing the concrete base or mounting the cabinet to the pole, connecting the signal and detectors, and excavation, backfilling, restoration, any necessary pole mounting hardware, electric service, or electrical inspection fees and will consider them incidental to this item of work. The Department will also not measure connecting the induction loop amplifiers, pedestrian, isolators, load switches, model 400 modem card; furnishing and installing electrical service conductors, specified conduits, anchors, meter base, fused cutout, fuses, ground rods, ground wires and will consider them incidental to this item of work.
Subsection:	723.04.22 Remove Signal Equipment.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as a lump sum removal of signal equipment. The Department will not measure the return of control equipment and signal heads to the Department of Highways as directed by the District Traffic Engineer. The Department also will not measure the transportation of materials of the disposal of all other equipment and materials off the project by the contractor and will consider them incidental to this item of work.
Subsection:	723.04.28 Install Pedestrian Detector Audible.
Revision:	Replace the second sentence with the following: The Department will not measure installing sign R10-3e (with arrow) and will consider it incidental to this item of work.
Subsection:	723.04.29 Audible Pedestrian Detector.
Revision:	Replace the second sentence with the following: The Department will not measure furnishing and installing the sign R10-3e (with arrow) and will consider it incidental to this item of work.
Subsection:	723.04.30 Bore and Jack Conduit.
Revision:	Replace the paragraph with the following: The Department will measure the quantity in linear feet. This item shall include all work necessary for boring and installing conduit under an existing roadway. Construction methods shall be in accordance with Sections 706.03.02, paragraphs 1, 2, and 4.
Subsection:	723.04.31 Install Pedestrian Detector.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as each individual unit installed and connected to pole/pedestal. The Department will not measure installing sign R 10-3e (with arrow) and will consider it incidental to this item of work.
Subsection:	723.04.32 Install Mast Arm Pole.
Revision:	Replace the second sentence with the following: The Department will not measure arms, signal mounting brackets, anchor bolts, or any other necessary hardware and will consider them incidental to this item of work.
Subsection:	723.04.33 Pedestal Post.
Revision:	Replace the second sentence with the following: The Department will not measure excavation, concrete, reinforcing steel, anchor bolts, conduit, fittings, ground rod, ground wire, backfilling, restoration, or any other necessary hardware and will consider them incidental to this item of work.

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Subsection:	723.04.36 Traffic Signal Pole Base.															
Revision:	Replace the second sentence with the following: The Department will not measure excavation, reinforcing steel, anchor bolts, specified conduits, ground rods, ground wires, backfilling, or restoration and will consider them incidental to this item of work.															
Subsection:	723.04.37 Install Signal Pedestal.															
Revision:	Replace the second sentence with the following: The Department will not measure excavation, concrete, reinforcing steel, anchor bolts, specified conduits, fittings, ground rod, ground wire, backfilling, restoration, or any other necessary hardware and will consider them incidental to this item of work.															
Subsection:	723.04.38 Install Pedestal Post.															
Revision:	Replace the second sentence with the following: The Department will not measure excavation, concrete, reinforcing steel, anchor bolts, specified conduits, fittings, ground rod, ground wire, backfilling, restoration, or any other necessary hardware and will consider them incidental to this item of work.															
Subsection:	723.05 PAYMENT.															
Revision:	Replace items 04810-04811, 20391NS835 and, 20392NS835 under <u>Code</u> , <u>Pay Item</u> , and <u>Pay Unit</u> with the following: <table><tr><td><u>Code</u></td><td><u>Pay Item</u></td><td><u>Pay Unit</u></td></tr><tr><td>04810</td><td>Electrical Junction Box</td><td>Each</td></tr><tr><td>04811</td><td>Electrical Junction Box Type B</td><td>Each</td></tr><tr><td>20391NS835</td><td>Electrical Junction Box Type A</td><td>Each</td></tr><tr><td>20392NS835</td><td>Electrical Junction Box Type C</td><td>Each</td></tr></table>	<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>	04810	Electrical Junction Box	Each	04811	Electrical Junction Box Type B	Each	20391NS835	Electrical Junction Box Type A	Each	20392NS835	Electrical Junction Box Type C	Each
<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>														
04810	Electrical Junction Box	Each														
04811	Electrical Junction Box Type B	Each														
20391NS835	Electrical Junction Box Type A	Each														
20392NS835	Electrical Junction Box Type C	Each														
Subsection:	804.01.02 Crushed Sand.															
Revision:	Delete last sentence of the section.															
Subsection:	804.01.06 Slag.															
Revision:	Add subsection and following sentence. Provide blast furnace slag sand where permitted. The Department will allow steel slag sand only in asphalt surface applications.															
Subsection:	804.04 Asphalt Mixtures.															
Revision:	Replace the subsection with the following: Provide natural, crushed, conglomerate, or blast furnace slag sand, with the addition of filler as necessary, to meet gradation requirements. The Department will allow any combination of natural, crushed, conglomerate or blast furnace slag sand when the combination is achieved using cold feeds at the plant. The Engineer may allow other fine aggregates.															
Subsection:	806.03.01 General Requirements.															
Revision:	Replace the second sentence of the paragraph with the following: Additionally, the material must have a minimum solubility of 99.0 percent when tested according to AASHTO T 44 and PG 76-22 must exhibit a minimum recovery of 60 percent, with a J _{NR} (nonrecoverable creep compliance) between 0.1 and 0.5, when tested according to AASHTO TP 70.															

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Subsection:	806.03.01 General Requirements.						
Table:	PG Binder Requirements and Price Adjustment Schedule						
Revision:	Replace the Elastic Recovery, % ⁽³⁾ (AASHTO T301) and all corresponding values in the table with the following:						
	<u>Test</u>	<u>Specification</u>	<u>100% Pay</u>	<u>90% Pay</u>	<u>80% Pay</u>	<u>70% Pay</u>	<u>50% Pay⁽¹⁾</u>
	MSCR recovery, % ⁽³⁾ (AASHTO TP 70)	60 Min.	≥58	56	55	54	<53
Subsection:	806.03.01 General Requirements.						
Table:	PG Binder Requirements and Price Adjustment Schedule						
Superscript:	(3)						
Revision:	Replace ⁽³⁾ with the following: Perform testing at 64°C.						
Subsection:	813.04 Gray Iron Castings.						
Revision:	Replace the reference to "AASHTO M105" with "ASTM A48".						
Subsection:	813.09.02 High Strength Steel Bolts, Nuts, and Washers.						
Number:	A) Bolts.						
Revision:	Delete first paragraph and "Hardness Number" Table. Replace with the following: A) Bolts. Conform to ASTM A325 (AASHTO M164) or ASTM A490 (AASHTO 253) as applicable.						
Subsection:	814.04.02 Timber Guardrail Posts.						
Revision:	Third paragraph, replace the reference to "AWPA C14" with "AWPA U1, Section B, Paragraph 4.1".						
Subsection:	814.04.02 Timber Guardrail Posts.						
Revision:	Replace the first sentence of the fourth paragraph with the following: Use any of the species of wood for round or square posts covered under AWPA U1.						
Subsection:	814.04.02 Timber Guardrail Posts.						
Revision:	Fourth paragraph, replace the reference to "AWPA C2" with "AWPA U1, Section B, Paragraph 4.1".						
Subsection:	814.04.02 Timber Guardrail Posts.						
Revision:	Delete the second sentence of the fourth paragraph.						
Subsection:	814.05.02 Composite Plastic.						
Revision:	1) Add the following to the beginning of the first paragraph: Select composite offset blocks conforming to this section and assure blocks are from a manufacturer included on the Department's List of Approved Materials. 2) Delete the last paragraph of the subsection.						
Subsection:	816.07.02 Wood Posts and Braces.						
Revision:	First paragraph, replace the reference to "AWPA C5" with "AWPA U1, Section B, Paragraph 4.1".						
Subsection:	816.07.02 Wood Posts and Braces.						
Revision:	Delete the second sentence of the first paragraph.						
Subsection:	818.07 Preservative Treatment.						
Revision:	First paragraph, replace all references to "AWPA C14" with "AWPA U1, Section A".						

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Subsection:	834.14 Lighting Poles.
Revision:	Replace the first sentence with the following: Lighting pole design shall be in accordance with loading and allowable stress requirements of the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims, with the exception of the following: The Cabinet will waive the requirement stated in the first sentence of Section 5.14.6.2 – Reinforced Holes and Cutouts for high mast poles (only). The minimum diameter at the base of the pole shall be 22 inches for high mast poles (only).
Subsection:	834.14.03 High Mast Poles.
Revision:	Remove the second and fourth sentence from the first paragraph.
Subsection:	834.14.03 High Mast Poles.
Revision:	Replace the third paragraph with the following: Provide calculations and drawings that are stamped by a Professional Engineer licensed in the Commonwealth of Kentucky.
Subsection:	834.14.03 High Mast Poles.
Revision:	<p>Replace paragraph six with the following: Provide a pole section that conforms to ASTM A 595 grade A with a minimum yield strength of 55 KSI or ASTM A 572 with a minimum yield strength of 55 KSI. Use tubes that are round or 16 sided with a four inch corner radius, have a constant linear taper of .144 in/ft and contain only one longitudinal seam weld. Circumferential welded tube butt splices and laminated tubes are not permitted. Provide pole sections that are telescopically slip fit assembled in the field to facilitate inspection of interior surface welds and the protective coating. The minimum length of the telescopic slip splices shall be 1.5 times the inside diameter of the exposed end of the female section. Use longitudinal seam welds as commended in Section 5.15 of the AASHTO 2013 Specifications. The thickness of the transverse base shall not be less than 2 inches. Plates shall be integrally welded to the tubes with a telescopic welded joint or a full penetration groove weld with backup bar.</p> <p>The handhole cover shall be removable from the handhole frame. One the frame side opposite the hinge, provide a mechanism on the handhole cover/frame to place the Department's standard padlock as specified in Section 834.25. The handhole frame shall have two stainless studs installed opposite the hinge to secure the handhole cover to the frame which includes providing stainless steel wing nuts and washers. The handhole cover shall be manufactured from 0.25 inch thick galvanized steel (ASTM A 153) and have a neoprene rubber gasket that is permanently secured to the handhole frame to insure weather-tight protection. The hinge shall be manufactured from 7-guage stainless steel to provide adjustability to insure weather-tight fit for the cover. The minimum clear distance between the transverse plate and the bottom opening of the handhole shall not be less than the diameter of the bottom tube of the pole but needs to be at least 15 inches. Provide products that are hot-dip galvanized to the requirements of either ASTM A123 (fabricated products) or ASTM A 153 (hardware items).</p>
Subsection:	834.16 ANCHOR BOLTS.
Revision:	Insert the following sentence at the beginning of the paragraph: The anchor bolt design shall follow the NCHRP Report 494 Section 2.4 and NCHRP 469 Appendix A Specifications.

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Subsection:	834.17.01 Conventional.
Revision:	Add the following sentence after the second sentence: Provide a waterproof sticker mounted on the bottom of the housing that is legible from the ground and indicates the wattage of the fixture by providing the first two numbers of the wattage.
Subsection:	834.21.01 Waterproof Enclosures.
Revision:	Replace the last five sentences in the second paragraph with the following sentences: Provide a cabinet door with a louvered air vent, filter-retaining brackets and an easy to clean metal filter. Provide a cabinet door that is keyed with a factory installed standard no. 2 corbin traffic control key. Provide a light fixture with switch and bulb. Use a 120-volt fixture and utilize a L.E.D. bulb (equivalent to 60 watts minimum). Fixture shall be situated at or near the top of the cabinet and illuminate the contents of the cabinet. Provide a 120 VAC GFI duplex receptacle in the enclosure with a separate 20 amp breaker.
Subsection:	835.07 Traffic Poles.
Revision:	Replace the first sentence of the first paragraph with the following: Pole diameter and wall thickness shall be calculated in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims.
Subsection:	835.07 Traffic Poles.
Revision:	*Replace the first sentence of the fourth paragraph with the following: Ensure transverse plates have a thickness ≥ 2 inches. *Add the following sentence to the end of the fourth paragraph: The bottom pole diameter shall not be less than 16.25 inches.
Subsection:	835.07 Traffic Poles.
Revision:	Replace the third sentence of the fifth paragraph with the following: For anchor bolt design, pole forces shall be positioned in such a manner to maximize the force on any individual anchor bolt regardless of the actual anchor bolt orientation with the pole.
Subsection:	835.07 Traffic Poles.
Revision:	Replace the first and second sentence of the sixth paragraph with the following: The pole handhole shall be 25 inches by 6.5 inches. The handhole cover shall be removable from the handhole frame. On the frame side opposite the hinge, provide a mechanism on the handhole cover/frame to place the Department's standard padlock as specified in Section 834.25. The handhole frame shall have two stainless studs installed opposite the hinge to secure the handhole cover to the frame which includes providing stainless steel wing nuts and washers. The handhole cover shall be manufactured from 0.25 inch thick galvanized steel (ASTM 153) and have a neoprene rubber gasket that is permanently secured to the handhole frame to insure weather-tight protection. The hinge shall be manufactured from 7 gauge stainless steel to provide adjustability to insure a weather-tight fit for the cover. The minimum clear distance between the transverse plate and the bottom opening of the handhole shall not be less than the diameter of the bottom tube but needs to be at least 12 inches.

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Subsection:	835.07 Traffic Poles.		
Revision:	*Replace the first sentence of the last paragraph with the following: Provide calculations and drawings that are stamped by a Professional Engineer licensed in the Commonwealth of Kentucky. *Replace the third sentence of the last paragraph with the following: All tables referenced in 835.07 are found in the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims.		
Subsection:	835.07.01 Steel Strain Poles.		
Revision:	Replace the second sentence of the second paragraph with the following: The detailed analysis shall be certified by a Professional Engineer licensed in the Commonwealth of Kentucky.		
Subsection:	835.07.01 Steel Strain Poles.		
Revision:	Replace number 7. after the second paragraph with the following: 7. Fatigue calculations should be shown for all fatigue related connections. Provide the corresponding detail, stress category and example from table 11.9.3.1-1.		
Subsection:	835.07.02 Mast Arm Poles.		
Revision:	Replace the second sentence of the fourth paragraph with the following: The detailed analysis shall be certified by a Professional Engineer licensed in the Commonwealth of Kentucky.		
Subsection:	835.07.02 Mast Arm Poles.		
Revision:	Replace number 7) after the fourth paragraph with the following: 7) Fatigue calculations should be shown for all fatigue related connections. Provide the corresponding detail, stress category and example from table 11.9.3.1-1.		
Subsection:	835.07.03 Anchor Bolts.		
Revision:	Add the following to the end of the paragraph: There shall be two steel templates (one can be used for the headed part of the anchor bolt when designed in this manner) provided per pole. Templates shall be contained within a 26.5 inch diameter. All templates shall be fully galvanized (ASTM A 153).		
Subsection:	835.16.05 Optical Units.		
Revision:	Replace the 3rd paragraph with the following: The list of certified products can be found on the following website: http://www.intertek.com .		
Subsection:	835.19.01 Pedestrian Detector Body.		
Revision:	Replace the first sentence with the following: Provide a four holed pole mounted aluminum rectangular housing that is compatible with the pedestrian detector.		
Subsection:	843.01.01 Geotextile Fabric.		
Table:	TYPE I FABRIC GEOTEXTILES FOR SLOPE PROTECTION AND CHANNEL LINING		
Revision:	Add the following to the chart:		
	<u>Property</u>	<u>Minimum Value⁽¹⁾</u>	<u>Test Method</u>
	CBR Puncture (lbs)	494	ASTM D6241
	Permittivity (1/s)	0.7	ASTM D4491

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Subsection:	843.01.01 Geotextile Fabric.		
Table:	TYPE II FABRIC GEOTEXTILES FOR UNDERDRAINS		
Revision:	Add the following to the chart:		
	<u>Property</u>	<u>Minimum Value⁽¹⁾</u>	<u>Test Method</u>
	CBR Puncture (lbs)	210	ASTM D6241
	Permittivity (1/s)	0.5	ASTM D4491

Subsection:	843.01.01 Geotextile Fabric.		
Table:	TYPE III FABRIC GEOTEXTILES FOR SUBGRADE OR EMBANKMENT STABILIZATION		
Revision:	Add the following to the chart:		
	<u>Property</u>	<u>Minimum Value⁽¹⁾</u>	<u>Test Method</u>
	CBR Puncture (lbs)	370	ASTM D6241
	Permittivity (1/s)	0.05	ASTM D4491

Subsection:	843.01.01 Geotextile Fabric.		
Table:	TYPE IV FABRIC GEOTEXTILES FOR EMBANKMENT DRAINAGE BLANKETS AND PAVEMENT EDGE DRAINS		
Revision:	Add the following to the chart:		
	<u>Property</u>	<u>Minimum Value⁽¹⁾</u>	<u>Test Method</u>
	CBR Puncture (lbs)	309	ASTM D6241
	Permittivity (1/s)	0.5	ASTM D4491

Subsection:	843.01.01 Geotextile Fabric.		
Table:	TYPE V HIGH STRENGTH GEOTEXTILE FABRIC		
Revision:	Make the following changes to the chart:		
	<u>Property</u>	<u>Minimum Value⁽¹⁾</u>	<u>Test Method</u>
	CBR Puncture (lbs)	618	ASTM D6241
	Grab Strength (lbs)	700	ASTM D4632
	Apparent Opening Size	U.S. #40 ⁽³⁾	ASTM D4751
	⁽³⁾ Maximum average roll value.		

PART III

EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

FHWA-1273 -- Revised May 1, 2012

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
- (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

**KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS**

**EMPLOYMENT REQUIREMENTS
RELATING TO
NONDISCRIMINATION OF EMPLOYEES
(APPLICABLE TO FEDERAL-AID SYSTEM CONTRACTS)**

**AN ACT OF THE KENTUCKY GENERAL ASSEMBLY
TO PREVENT DISCRIMINATION IN EMPLOYMENT**

**KRS CHAPTER 344
EFFECTIVE JUNE 16, 1972**

The contract on this project, in accordance with KRS Chapter 344, provides that during the performance of this contract, the contractor agrees as follows:

1. The contractor shall not fail or refuse to hire, or shall not discharge any individual, or otherwise discriminate against an individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy); or limit, segregate, or classify his employees in any way which would deprive or tend to deprive an individual of employment opportunities or otherwise adversely affect his status as an employee, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy). The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

2. The contractor shall not print or publish or cause to be printed or published a notice or advertisement relating to employment by such an employer or membership in or any classification or referral for employment by the employment agency, indicating any preference, limitation, specification, or discrimination, based on race, color, religion, national origin, sex, disability or age (between forty and seventy), except that such notice or advertisement may indicate a preference, limitation, or specification based on religion, or national origin when religion, or national origin is a bona fide occupational qualification for employment.

3. If the contractor is in control of apprenticeship or other training or retraining, including on-the-job training programs, he shall not discriminate against an individual because of his race, color, religion, national origin, sex, disability or age (between forty and seventy), in admission to, or employment in any program established to

provide apprenticeship or other training.

4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

REVISED: 12-3-92

Standard Title VI/Non-Discrimination Assurances

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “contractor”) agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, **Federal Highway Administration**, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor’s obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the **Federal Highway Administration** to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the **Federal Highway Administration**, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a contractor’s noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the **Federal Highway Administration** may determine to be appropriate, including, but not limited to:
 - a. withholding payments to the contractor under the contract until the contractor complies; and/or
 - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the **Federal Highway Administration** may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

Standard Title VI/Non-Discrimination Statutes and Authorities

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “contractor”) agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21;
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 -- 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*).

EXECUTIVE BRANCH CODE OF ETHICS

In the 1992 regular legislative session, the General Assembly passed and Governor Brereton Jones signed Senate Bill 63 (codified as KRS 11A), the Executive Branch Code of Ethics, which states, in part:

KRS 11A.040 (6) provides:

No present or former public servant shall, within six (6) months of following termination of his office or employment, accept employment, compensation or other economic benefit from any person or business that contracts or does business with the state in matters in which he was directly involved during his tenure. This provision shall not prohibit an individual from returning to the same business, firm, occupation, or profession in which he was involved prior to taking office or beginning his term of employment, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved in state government. This subsection shall not prohibit the performance of ministerial functions, including, but not limited to, filing tax returns, filing applications for permits or licenses, or filing incorporation papers.

KRS 11A.040 (8) states:

A former public servant shall not represent a person in a matter before a state agency in which the former public servant was directly involved, for a period of one (1) year after the latter of:

- a) The date of leaving office or termination of employment; or
- b) The date the term of office expires to which the public servant was elected.

This law is intended to promote public confidence in the integrity of state government and to declare as public policy the idea that state employees should view their work as a public trust and not as a way to obtain private benefits.

If you have worked for the executive branch of state government within the past six months, you may be subject to the law's prohibitions. The law's applicability may be different if you hold elected office or are contemplating representation of another before a state agency.

Also, if you are affiliated with a firm which does business with the state and which employs former state executive-branch employees, you should be aware that the law may apply to them.

In case of doubt, the law permits you to request an advisory opinion from the Executive Branch Ethics Commission, Room 136, Capitol Building, 700 Capitol Avenue, Frankfort, Kentucky 40601; telephone (502) 564-7954.

General Decision Number: KY150102 02/20/2015 KY102

Superseded General Decision Number: KY20140102

State: Kentucky

Construction Type: Highway

Counties: Allen, Ballard, Butler, Caldwell, Calloway, Carlisle, Christian, Crittenden, Daviess, Edmonson, Fulton, Graves, Hancock, Henderson, Hickman, Hopkins, Livingston, Logan, Lyon, Marshall, McCracken, McLean, Muhlenberg, Ohio, Simpson, Todd, Trigg, Union, Warren and Webster Counties in Kentucky.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Executive Order (EO) 13658 establishes an hourly minimum wage of \$10.10 for 2015 that applies to all contracts subject to the Davis-Bacon Act for which the solicitation is issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.10 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/02/2015
1	01/30/2015
2	02/20/2015

BRIN0004-002 06/01/2014

BALLARD, BUTLER, CALDWELL, CARLISLE, CRITTENDEN, DAVIESS, EDMONSON, FULTON, GRAVES, HANCOCK, HENDERSON, HICKMAN, HOPKINS, LIVINGSTON, LYON, MARSHALL, MCCracken, MCLEAN, MUHLENBERG, OHIO, UNION, and WEBSTER COUNTIES

	Rates	Fringes
BRICKLAYER		
Ballard, Caldwell, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, and McCracken Counties.....	\$ 29.52	13.37
Butler, Edmonson, Hopkins, Muhlenberg, and Ohio		

Counties.....	\$ 24.61	10.22
Daviess, Hancock, Henderson, McLean, Union, and Webster Counties.....	\$ 28.68	13.72

BRTN0004-005 06/01/2014

ALLEN, CALLOWAY, CHRISTIAN, LOGAN, SIMPSON, TODD, TRIGG, and
WARREN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 25.37	10.50

CARP0357-002 04/01/2014

	Rates	Fringes
CARPENTER.....	\$ 27.50	14.92
Diver.....	\$ 41.63	14.92
PILEDRIVERMAN.....	\$ 27.75	14.92

ELEC0369-006 05/28/2014

BUTLER, EDMONSON, LOGAN, TODD & WARREN COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 29.88	14.78

ELEC0429-001 06/01/2014

ALLEN & SIMPSON COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 24.44	10.15 + 5%

ELEC0816-002 06/01/2014

BALLARD, CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN,
FULTON (Except a 5 mile radius of City Hall in Fulton), GRAVES,
HICKMAN, LIVINGSTON, LYON, MARSHALL, MCCracken & TRIGG COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 30.82	25.5%+5.85

Cable spicers receive \$.25 per hour additional.

ELEC1701-003 06/01/2013

DAVISS, HANCOCK, HENDERSON, HOPKINS, MCLEAN, MUHLENBERG, OHIO,
UNION & WEBSTER COUNTIES:

	Rates	Fringes
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ELECTRICIAN.....\$ 30.03 13.72

Cable spicers receive \$.25 per hour additional.

ELEC1925-002 06/01/2014

FULTON COUNTY (Up to a 5 mile radius of City Hall in Fulton):

	Rates	Fringes
CABLE SPLICER.....	\$ 25.00	10.27
ELECTRICIAN.....	\$ 24.80	11.01

ENGI0181-017 07/01/2014

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 28.85	14.15
GROUP 2.....	\$ 26.24	14.15
GROUP 3.....	\$ 26.65	14.15
GROUP 4.....	\$ 25.95	14.15

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - A-Frame Winch Truck; Auto Patrol; Backfiller; Batcher Plant; Bituminous Paver; Bituminous Transfer Machine; Boom Cat; Bulldozer; Mechanic; Cableway; Carry-All Scoop; Carry Deck Crane; Central Compressor Plant; Cherry Picker; Clamshell; Concrete Mixer (21 cu. ft. or Over); Concrete Paver; Truck-Mounted Concrete Pump; Core Drill; Crane; Crusher Plant; Derrick; Derrick Boat; Ditching & Trenching Machine; Dragline; Dredge Operator; Dredge Engineer; Elevating Grader & Loaders; Grade-All; Gurries; Heavy Equipment Robotics Operator/Mechanic; High Lift; Hoe-Type Machine; Hoist (Two or More Drums); Hoisting Engine (Two or More Drums); Horizontal Directional Drill Operator; Hydrocrane; Hyster; KeCal Loader; LeTourneau; Locomotive; Mechanic; Mechanically Operated Laser Screed; Mechanic Welder; Mucking Machine; Motor Scraper; Orangepeel Bucket; Overhead Crane; Piledriver; Power Blade; Pumpcrete; Push Dozer; Rock Spreader, attached to equipment; Rotary Drill; Roller (Bituminous); Rough Terrain Crane; Scarifier; Scoopmobile; Shovel; Side Boom; Subgrader; Tailboom; Telescoping Type Forklift; Tow or Push Boat; Tower Crane (French, German & other types); Tractor Shovel; Truck Crane; Tunnel Mining Machines, including Moles, Shields or similar types of Tunnel Mining Equipment

GROUP 2 - Air Compressor (Over 900 cu. ft. per min.); Bituminous Mixer; Boom Type Tamping Machine; Bull Float; Concrete Mixer (Under 21 cu. ft.); Dredge Engineer; Electric Vibrator; Compactor/Self-Propelled Compactor; Elevator (One Drum or Buck Hoist); Elevator (When used to Hoist Building Material); Finish Machine; Firemen & Hoist (One Drum); Flexplane; Forklift (Regardless of Lift Height); Form Grader; Joint Sealing Machine; Outboard Motor Boat; Power Sweeper (Riding Type); Roller (Rock); Ross Carrier; Skid Mounted or Trailer Mounted Concrete Pump; Skid Steer Machine with all Attachments; Switchman or Brakeman;

Throttle Valve Person; Tractair & Road Widening Trencher;
Tractor (50 H.P. or Over); Truck Crane Oiler; Tugger;
Welding Machine; Well Points;& Whirley Oiler

GROUP 3 -All Off Road Material Handling Equipment, including
Articulating Dump Trucks; Greaser on Grease Facilities
servicing Heavy Equipment

GROUP 4 - Bituminous Distributor; Burlap & Curing Machine;
Cement Gun; Concrete Saw; Conveyor; Deckhand Oiler; Grout
Pump; Hydraulic Post Driver; Hydro Seeder; Mud Jack; Oiler;
Paving Joint Machine; Power Form Handling Equipment; Pump;
Roller (Earth); Steerman; Tamping Machine; Tractor (Under
50 H.P.); & Vibrator

CRANES - with booms 150 ft. & Over (Including JIB), and where
the length of the boom in combination with the length of
the piling equals or exceeds 150 ft. - \$1.00 above Group 1
rate

EMPLOYEES ASSIGNED TO WORK BELOW GROUND LEVEL ARE TO BE PAID
10% ABOVE BASIC WAGE RATE. THIS DOES NOT APPLY TO OPEN CUT
WORK.

IRON0070-005 06/01/2014

BUTLER COUNTY (Eastern eighth, including the Townships of
Decker, Lee & Tilford);
EDMONSON COUNTY (Northern three-fourths, including the
Townships of Asphalt, Bee Spring, Brownsville, Grassland, Huff,
Kyrock, Lindseyville, Mammoth Cave, Ollie, Prosperity, Rhoda,
Sunfish & Sweden)

	Rates	Fringes
IRONWORKER		
Structural; Ornamental;		
Reinforcing; Precast		
Concrete Erectors.....	\$ 26.97	19.75

* IRON0103-004 04/01/2014

DAVIESS, HANCOCK, HENDERSON, HOPKINS, MCLEAN, OHIO, UNION &
WEBSTER COUNTIES
BUTLER COUNTY (Townships of Aberdeen, Bancock, Casey,
Dexterville, Dunbar, Elfie, Gilstrap, Huntsville, Logansport,
Monford, Morgantown, Provo, Rochester, South Hill & Welchs
Creek);
CALDWELL COUNTY (Northeastern third, including the Township of
Creswell);
CHRISTIAN COUNTY (Northern third, including the Townships of
Apex, Crofton, Kelly, Mannington & Wynns);
CRITTENDEN COUNTY (Northeastern half, including the Townships
of Grove, Mattoon, Repton, Shady Grove & Tribune);
MUHLENBERG COUNTY (Townships of Bavier, Beech Creek Junction,
Benton, Brennen, Browder, Central City, Cleaton, Depoy,
Drakesboro, Eunis, Graham, Hillside, Luzerne, Lynn City,
Martwick, McNary, Millport, Moorman, Nelson, Paradise,

Powderly, South Carrollton, Tarina & Weir)

	Rates	Fringes
Ironworkers:.....	\$ 27.82	17.355

IRON0492-003 05/01/2013		

ALLEN, LOGAN, SIMPSON, TODD & WARREN COUNTIES
BUTLER COUNTY (Southern third, including the Townships of
Boston, Berrys Lick, Dimple, Jetson, Quality, Sharer, Sugar
Grove & Woodbury);
CHRISTIAN COUNTY (Eastern two-thirds, including the Townships
of Bennettstown, Casky, Herndon, Hopkinsville, Howell,
Masonville, Pembroke & Thompsonville);
EDMONSON COUNTY (Southern fourth, including the Townships of
Chalybeate & Rocky Hill);
MUHLENBERG COUNTY (Southern eighth, including the Townships of
Dunnior, Penrod & Rosewood)

	Rates	Fringes
Ironworkers:.....	\$ 23.84	10.96

IRON0782-006 05/01/2014		

BALLARD, CALLOWAY, CARLISLE, FULTON, GRAVES, HICKMAN,
LIVINGSTON, LYON, MARSHALL, MCCracken & TRIGG COUNTIES
CALDWELL COUNTY (Southwestern two-thirds, including the
Townships of Cedar Bluff, Cider, Claxton, Cobb, Crowtown,
Dulaney, Farmersville, Fredonia, McGowan, Otter Pond &
Princeton);
CHRISTIAN COUNTY (Western third, Excluding the Townships of
Apex, Crofton, Kelly, Mannington, Wynns, Bennettstown, Casky,
Herndon, Hopkinsville, Howell, Masonville, Pembroke &
Thompsonville);
CRITTENDEN COUNTY (Southwestern half, including the Townships
of Crayne, Dycusburg, Frances, Marion, Mexico, Midway,
Sheridan & Told)

	Rates	Fringes
Ironworkers:		
Projects with a total contract cost of \$20,000,000.00 or above.....	\$ 27.09	20.66
All Other Work.....	\$ 25.50	19.02

LABO0189-005 07/01/2014		

BALLARD, CALLOWAY, CARLISLE, FULTON, GRAVES, HICKMAN,
LIVINGSTON, LYON, MARSHALL & MCCracken COUNTIES

	Rates	Fringes
Laborers:		

GROUP 1.....	\$ 21.50	12.26
GROUP 2.....	\$ 21.75	12.26
GROUP 3.....	\$ 21.80	12.26
GROUP 4.....	\$ 22.40	12.26

LABORER CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson; Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper; Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer); Brickmason Tender; Mortar Mixer Operator; Scaffold Builder; Burner & Welder; Bushhammer; Chain Saw Operator; Concrete Saw Operator; Deckhand Scow Man; Dry Cement Handler; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level C; Forklift Operator for Masonary; Form Setter; Green Concrete Cutting; Hand Operated Grouter & Grinder Machine Operator; Jackhammer; Pavement Breaker; Paving Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven Georgia Buggy & Wheel Barrow; Power Post Hole Digger; Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind Trencher; Sand Blaster; Concrete Chipper; Surface Grinder; Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite Operator & Mixer; Grout Pump Operator; Blaster; Side Rail Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Levels A & B; Miner & Driller (Free Air); Tunnel Blaster; & Tunnel Mucker (Free Air); Directional & Horizontal Boring; Air Track Drillers (All Types); Powdermen & Blasters; Troxler & Concrete Tester if Laborer is Utilized

LABO0189-006 07/01/2014

ALLEN, BUTLER, CALDWELL, CHRISTIAN, DAVIESS, EDMONSON, HANCOCK, HOPKINS, LOGAN, MCLEAN, MUHLENBERG, OHIO, SIMPSON, TODD, TRIGG & WARREN COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 22.66	11.10
GROUP 2.....	\$ 22.91	11.10
GROUP 3.....	\$ 22.96	11.10
GROUP 4.....	\$ 23.56	11.10

LABORER CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson; Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper; Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer); Brickmason Tender; Mortar Mixer Operator; Scaffold Builder; Burner & Welder; Bushhammer; Chain Saw Operator; Concrete Saw Operator; Deckhand Scow Man; Dry Cement Handler; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level C; Forklift Operator for Masonary; Form Setter; Green Concrete Cutting; Hand Operated Grouter & Grinder Machine Operator; Jackhammer; Pavement Breaker; Paving Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven Georgia Buggy & Wheel Barrow; Power Post Hole Digger; Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind Trencher; Sand Blaster; Concrete Chipper; Surface Grinder; Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite Operator & Mixer; Grout Pump Operator; Blaster; Side Rail Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Levels A & B; Miner & Driller (Free Air); Tunnel Blaster; & Tunnel Mucker (Free Air); Directional & Horizontal Boring; Air Track Drillers (All Types); Powdermen & Blasters; Troxler & Concrete Tester if Laborer is Utilized

LABO0561-001 07/01/2014

CRITTENDEN, HENDERSON, UNION & WEBSTER COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 21.36	12.65
GROUP 2.....	\$ 21.61	12.65
GROUP 3.....	\$ 21.66	12.65
GROUP 4.....	\$ 22.26	12.65

LABORER CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear,

Radiation, Toxic & Hazardous Waste - Level D; Flagperson;
Grade Checker; Hand Digging & Hand Back Filling; Highway
Marker Placer; Landscaping, Mesh Handler & Placer; Puddler;
Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail
& Fence Installer; Signal Person; Sound Barrier Installer;
Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper;
Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer);
Brickmason Tender; Mortar Mixer Operator; Scaffold Builder;
Burner & Welder; Bushhammer; Chain Saw Operator; Concrete
Saw Operator; Deckhand Scow Man; Dry Cement Handler;
Environmental - Nuclear, Radiation, Toxic & Hazardous Waste
- Level C; Forklift Operator for Masonary; Form Setter;
Green Concrete Cutting; Hand Operated Grouter & Grinder
Machine Operator; Jackhammer; Pavement Breaker; Paving
Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven
Georgia Buggy & Wheel Barrow; Power Post Hole Digger;
Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind
Trencher; Sand Blaster; Concrete Chipper; Surface
Grinder; Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite
Operator & Mixer; Grout Pump Operator; Blaster; Side Rail
Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free
Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher;
Environmental - Nuclear, Radiation, Toxic & Hazardous Waste
- Levels A & B; Miner & Driller (Free Air); Tunnel Blaster;
& Tunnel Mucker (Free Air); Directional & Horizontal
Boring; Air Track Drillers (All Types); Powdermen &
Blasters; Troxler & Concrete Tester if Laborer is Utilized

PAIN0032-002 05/01/2013

BALLARD COUNTY

	Rates	Fringes
Painters:		
Bridges.....	\$ 30.56	15.18
All Other Work.....	\$ 28.26	15.18
Spray, Blast, Steam, High & Hazardous (Including Lead Abatement) and All Epoxy - \$1.00 Premium		

PAIN0118-003 06/01/2014

EDMONSON COUNTY:

	Rates	Fringes
Painters:		
Brush & Roller.....	\$ 18.50	11.97
Spray, Sandblast, Power Tools, Waterblast & Steam Cleaning.....	\$ 19.50	11.97

PAIN0156-006 04/01/2014

DAVISS, HANCOCK, HENDERSON, MCLEAN, OHIO, UNION & WEBSTER
COUNTIES

	Rates	Fringes
Painters:		
BRIDGES		
GROUP 1.....	\$ 27.20	12.35
GROUP 2.....	\$ 27.45	12.35
GROUP 3.....	\$ 28.20	12.35
GROUP 4.....	\$ 29.20	12.35
ALL OTHER WORK:		
GROUP 1.....	\$ 26.05	12.35
GROUP 2.....	\$ 26.30	12.35
GROUP 3.....	\$ 27.05	12.35
GROUP 4.....	\$ 28.05	12.35

PAINTER CLASSIFICATIONS

GROUP 1 - Brush & Roller

GROUP 2 - Plasterers

GROUP 3 - Spray; Sandblast; Power Tools; Waterblast;
Steamcleaning; Brush & Roller of Mastics, Creosotes, Kwinch
Koate & Coal Tar Epoxy

GROUP 4 - Spray of Mastics, Creosotes, Kwinch Koate & Coal
Tar Epoxy

* PAIN0456-003 01/01/2015

ALLEN, BUTLER, LOGAN, MUHLENBERG, SIMPSON, TODD & WARREN
COUNTIES:

	Rates	Fringes
Painters:		
BRIDGES		
Brush & Roller.....	\$ 23.25	9.95
Spray; Sandblast; Power Tools; Waterblast & Steam Cleaning.....	\$ 24.25	9.95
ALL OTHER WORK		
Brush & Roller.....	\$ 19.25	9.95
Spray; Sandblast; Power Tools; Waterblast & Steam Cleaning.....	\$ 20.25	9.95

ALL OTHER WORK - HIGH TIME PAY

Over 35 feet (up to 100 feet) - \$1.00 above base wage
100 feet and over - \$2.00 above base wage

DURING SPRAY PAINTING AND SANDBLASTING OPERATIONS, POT

TENDERS SHALL RECEIVE THE SAME WAGE RATES AS THE SPRAY
PAINTER OR NOZZLE OPERATOR

PAIN0500-002 06/01/2014

CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN, FULTON,
GRAVES, HICKMAN, HOPKINS, LIVINGSTON, LYON, MARSHALL, MCCracken
& TRIGG COUNTIES:

	Rates	Fringes
Painters:		
Bridges.....	\$ 26.55	11.85
All Other Work.....	\$ 20.30	11.85

Waterblasting units with 3500 PSI and above - \$.50 premium
Spraypainting and all abrasive blasting - \$1.00 premium
Work 40 ft. and above ground level - \$1.00 premium

PLUM0184-002 07/01/2013

BALLARD, CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN,
FULTON, GRAVES, HICKMAN, LIVINGSTON, LYON, MARSHALL, MCCracken
and TRIGG COUNTIES

	Rates	Fringes
Plumber; Steamfitter.....	\$ 33.11	14.83

PLUM0502-004 08/01/2013

ALLEN, BUTLER, EDMONSON, SIMPSON & WARREN

	Rates	Fringes
Plumber; Steamfitter.....	\$ 32.00	17.17

PLUM0633-002 08/01/2013

DAVISS, HANCOCK, HENDERSON, HOPKINS, LOGAN, MCLEAN,
MUHLENBERG, OHIO, TODD, UNION & WEBSTER COUNTIES:

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 29.87	14.25

TEAM0089-003 03/30/2014

ALLEN, BUTLER, EDMONSON, LOGAN, SIMPSON & WARREN COUNTIES

	Rates	Fringes
Truck drivers:		
Zone 1:		
Group 1.....	\$ 19.58	17.83

Group 2.....	\$ 19.76	17.83
Group 3.....	\$ 19.84	17.83
Group 4.....	\$ 19.86	17.83

GROUP 1 - Greaser; Tire Changer

GROUP 2 - Truck Mechanic; Single Axle Dump; Flat Bed; All Terrain Vehicles when used to haul materials; Semi Trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Driver of Distributors

GROUP 3 - Mixer All Types

GROUP 4 - Winch and A-Frame when used in transporting materials; Ross Carrier; Fork Lift when used to transport building materials; Driver on Pavement Breaker; Euclid and Other Heavy Earth Moving Equipment; Low Boy; Articulator Cat; Five Axle Vehicle

TEAM0215-003 03/31/2013

DAVISS, HANCOCK, HENDERSON, HOPKINS, MCLEAN, MUHLENBERG, OHIO
& WEBSTER COUNTIES

	Rates	Fringes
TRUCK DRIVER		
Group 1.....	\$ 20.93	16.85
Group 2.....	\$ 21.16	16.85
Group 3.....	\$ 21.23	16.85
Group 4.....	\$ 21.24	16.85

GROUP 1: Greaser, Tire Changer

GROUP 2: Truck Mechanic

GROUP 3: Single Axle Dump; Flat Bed; All Terrain Vehicle when used to haul materials; Semi Trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Driver of Distributors; Mixer All Types

GROUP 4: Euclid and other heavy earth moving equipment; Low Boy; Articulator Cat; 5 Axle Vehicle; Winch and A- Frame when used in transporting materials; Ross Carrier; Fork Lift when used to transport building materials; Driver on Pavement Breaker

TEAM0236-001 03/31/2013

BALLARD, CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN, FULTON, GRAVES, HICKMAN, LIVINGSTON, LYON, MARSHALL, MCCracken, TODD & TRIGG COUNTIES

	Rates	Fringes
TRUCK DRIVER		

Group 1.....	\$ 19.38	16.85
Group 2.....	\$ 19.56	16.85
Group 3.....	\$ 19.56	16.85
Group 4.....	\$ 19.66	16.85
Group 5.....	\$ 19.64	16.85

GROUP 1: Greaser, Tire Changer

GROUP 2: Truck Mechanic

GROUP 3: Single Axle Dump; Flat Bed; All Terrain Vehicle when used to haul materials; Semi Trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Drivers of Distributors

GROUP 4: Euclid and other heavy earth moving equipment; Low Boy; Articulator Cat; Five Axle Vehicle; Winch and A-Frame when used in transporting materials; Ross Carrier

GROUP 5: Mixer All Types

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the

most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests

for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

Fringe benefit amounts are applicable for all hours worked except when otherwise noted.

These rates are listed pursuant to the Kentucky Determination No. CR-14-I-HWY dated July 14, 2014.

No laborer, workman or mechanic shall be paid at a rate less than that of a Journeyman except those classified as bona fide apprentices.

Apprentices or trainees shall be permitted to work as such subject to Administrative Regulations adopted by the Commissioner of Workplace Standards. Copies of these regulations will be furnished upon request from any interested person.

Before using apprentices on the job the contractor shall present to the Contracting Officer written evidence of registration of such employees in a program of a State apprenticeship and training agency approved and recognized by the U. S. Bureau of Apprenticeship and Training. In the absence of such a State agency, the contractor shall submit evidence of approval and registration by the U. S. Bureau of Apprenticeship and Training.

The contractor shall submit to the Contracting Officer, written evidence of the established apprenticeship-journeyman ratios and wage rates in the project area, which will be the basis for establishing such ratios and rates for the project under the applicable contract provisions.

TO: EMPLOYERS/EMPLOYEES

PREVAILING WAGE SCHEDULE:

The wages indicated on this wage schedule are the least permitted to be paid for the occupations indicated. When an employee works in more than one classification, the employer must record the number of hours worked in each classification at the prescribed hourly base rate.

OVERTIME:

Overtime is to be paid after an employee works eight (8) hours a day or forty (40) hours a week, whichever gives the employee the greater wages. At least time and one-half the base rate is required for all overtime. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate. Wage violations or questions should be directed to the designated Engineer or the undersigned.

Diana Castle Radcliffe, P.E.
Director, Division of Construction Procurement
Frankfort, Kentucky 40622

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION
TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY
(Executive Order 11246)**

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Specifications" set forth herein.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate work force in each trade on all construction work in the covered area, are as follows:

GOALS FOR MINORITY PARTICIPATION IN EACH TRADE	GOALS FOR FEMALE PARTICIPATION IN EACH TRADE
4.8%	6.9%

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally-assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4, 3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed. The notification shall be mailed to:

**Evelyn Teague, Regional Director
Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8609**

4. As used in this Notice, and in the contract resulting from this solicitation, the "**covered area**" is Henderson County.

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION
TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY
(Executive Order 11246)**

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Specifications" set forth herein.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate work force in each trade on all construction work in the covered area, are as follows:

GOALS FOR MINORITY PARTICIPATION IN EACH TRADE	GOALS FOR FEMALE PARTICIPATION IN EACH TRADE
3.5%	6.9%

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally-assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4, 3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed. The notification shall be mailed to:

**Evelyn Teague, Regional Director
Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8609**

4. As used in this Notice, and in the contract resulting from this solicitation, the "**covered area**" is Hopkins County.

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION
TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY
(Executive Order 11246)**

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Specifications" set forth herein.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate work force in each trade on all construction work in the covered area, are as follows:

GOALS FOR MINORITY PARTICIPATION IN EACH TRADE	GOALS FOR FEMALE PARTICIPATION IN EACH TRADE
3.5%	6.9%

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally-assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4, 3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed. The notification shall be mailed to:

**Evelyn Teague, Regional Director
Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8609**

4. As used in this Notice, and in the contract resulting from this solicitation, the "**covered area**" is Webster County.

PART IV

INSURANCE

INSURANCE

The Contractor shall procure and maintain the following insurance in addition to the insurance required by law:

- 1) Commercial General Liability-Occurrence form – not less than \$2,000,000 General aggregate, \$2,000,000 Products & Completed Aggregate, \$1,000,000 Personal & Advertising, \$1,000,000 each occurrence.
- 2) Automobile Liability- \$1,000,000 per accident
- 3) Employers Liability:
 - a) \$100,000 Each Accident Bodily Injury
 - b) \$500,000 Policy limit Bodily Injury by Disease
 - c) \$100,000 Each Employee Bodily Injury by Disease
- 4) The insurance required above must be evidenced by a Certificate of Insurance and this Certificate of Insurance must contain one of the following statements:
 - a) "policy contains no deductible clauses."
 - b) "policy contains _____ (amount) deductible property damage clause but company will pay claim and collect the deductible from the insured."
- 5) KENTUCKY WORKMEN'S COMPENSATION INSURANCE. The contractor shall furnish evidence of coverage of all his employees or give evidence of self-insurance by submitting a copy of a certificate issued by the Workmen's Compensation Board.

The cost of insurance is incidental to all contract items. All subcontractors must meet the same minimum insurance requirements.

PART V

BID ITEMS

Report Date 2/24/15

Section: 0001 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	125.00	EACH		\$	
0020	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	75.00	EACH		\$	
0030	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	1.00	EACH		\$	
0040	02367		GUARDRAIL END TREATMENT TYPE 1	4.00	EACH		\$	
0050	02369		GUARDRAIL END TREATMENT TYPE 2A	16.00	EACH		\$	
0060	02381		REMOVE GUARDRAIL	1,109.00	LF		\$	
0070	02396		REMOVE GUARDRAIL END TREATMENT	11.00	EACH		\$	
0080	02650		MAINTAIN & CONTROL TRAFFIC (WEBSTER)	1.00	LS		\$	
0090	02650		MAINTAIN & CONTROL TRAFFIC (HENDERSON)	1.00	LS		\$	
0100	02650		MAINTAIN & CONTROL TRAFFIC (HOPKINS)	1.00	LS		\$	
0110	02775		ARROW PANEL	3.00	EACH		\$	
0120	04903		REFERENCE MARKER	408.00	EACH		\$	
0130	06201		OSS GALV STEEL CANTILEVER MOD	2.00	EACH		\$	
0140	06203		MODIFY PANEL SIGNS	6.00	EACH		\$	
0150	06400		GMSS GALV STEEL TYPE A	63,627.00	LB		\$	
0160	06401		FLEXIBLE DELINEATOR POST-M/W	341.00	EACH		\$	
0170	06404		FLEXIBLE DELINEATOR POST-M/Y	187.00	EACH		\$	
0180	06405		SBM ALUMINUM PANEL SIGNS	24,124.00	SQFT		\$	
0190	06406		SBM ALUM SHEET SIGNS .080 IN	1,068.00	SQFT		\$	
0200	06407		SBM ALUM SHEET SIGNS .125 IN	1,815.00	SQFT		\$	
0210	06410		STEEL POST TYPE 1	4,522.00	LF		\$	
0220	06412		STEEL POST MILE MARKERS	102.00	EACH		\$	
0230	06419		OSS ALUMINUM 50 FT TRUSS	1.00	EACH		\$	
0240	06420		OSS ALUMINUM 55 FT TRUSS	3.00	EACH		\$	
0250	06422		OSS ALUMINUM 60 FT TRUSS	2.00	EACH		\$	
0260	06424		OSS ALUMINUM 65 FT TRUSS	1.00	EACH		\$	
0270	06426		OSS ALUMINUM 70 FT TRUSS	3.00	EACH		\$	
0280	06438		OSS ALUMINUM 80 FT TRUSS	1.00	EACH		\$	
0290	06441		GMSS GALV STEEL TYPE C	57,946.00	LB		\$	
0300	06443		OSS ALUMINUM 85 FT TRUSS	1.00	EACH		\$	
0310	06448		SIGN BRIDGE ATTACHMENT BRACKET	6.00	EACH		\$	
0320	06449		REM OVERHEAD SIGN SUPPORT STR	19.00	EACH		\$	
0330	06450		REM OVERHEAD STRUC CONC BASE	38.00	EACH		\$	
0340	06451		REMOVE SIGN SUPPORT BEAM	198.00	EACH		\$	
0350	06457		OSS ALUMINUM 105 FT TRUSS	2.00	EACH		\$	
0360	06459		OSS ALUMINUM 110 FT TRUSS	1.00	EACH		\$	
0370	06463		OSS ALUMINUM 120 FT TRUSS	1.00	EACH		\$	
0380	06490		CLASS A CONCRETE FOR SIGNS	809.00	CUYD		\$	
0390	06491		STEEL REINFORCEMENT FOR SIGNS	50,666.00	LB		\$	
0400	06515		PAVE STRIPING-PERM PAINT-6 IN	1,149.00	LF		\$	
0410	06517		PAVE STRIPING-PERM PAINT-12 IN	2,002.00	LF		\$	
0420	20418ED		REMOVE & RELOCATE SIGNS	7.00	EACH		\$	
0430	20419ND		ROADWAY CROSS SECTION	108.00	EACH		\$	

Report Date 2/24/15

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0440	21373ND		REMOVE SIGN	151.00	EACH		\$	
0450	21596ND		GMSS TYPE D	69.00	EACH		\$	
0460	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	962.50	LF		\$	
0470	22664EN		WATER BLASTING EXISTING STRIPE	460.00	LF		\$	
0480	23639ED		REM SIGN BRIDGE MOUNT ATTACHMENT	6.00	EACH		\$	
0490	24631EC		BARCODE SIGN INVENTORY	421.00	EACH		\$	
0500	24679ED		PAVE MARK THERMO CHEVRON	5,937.00	SQFT		\$	
0510	24689EC		PAVE MARK THERMO-WRONG WAY ARROW	14.00	EACH		\$	

Section: 0002 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0520	02568		MOBILIZATION	1.00	LS		\$	
0530	02569		DEMOBILIZATION	1.00	LS		\$	