



CALL NO. 119

CONTRACT ID. 234011

VARIOUS COUNTIES

FED/STATE PROJECT NUMBER HSIP 9010(485)

DESCRIPTION VARIOUS ROUTES IN DISTRICT 11

WORK TYPE SIGNS

PRIMARY COMPLETION DATE 10/31/2023

LETTING DATE: March 23,2023

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME March 23,2023. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

NO PLANS ASSOCIATED WITH THIS PROJECT.

DBE CERTIFICATION REQUIRED - 0%

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

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PART I

SCOPE OF WORK

VARIOUS COUNTIES
HSIP 9010(485)

ADMINISTRATIVE DISTRICT - 11

CONTRACT ID - 234011
HSIP 9010(485)
COUNTY - VARIOUS
PCN - 1112199992311
HSIP 9010(485)

VARIOUS ROUTES IN DISTRICT 11 INSTALLATION OF WRONG WAY DRIVING SIGNS AND PAVEMENT MARKINGS ON VARIOUS OFF RAMPSSIGNS SYP NO. 11-00974.00.
GEOGRAPHIC COORDINATES LATITUDE 37:09:32.00 LONGITUDE 83:36:06.00
ADT

COMPLETION DATE(S):
COMPLETED BY 10/31/2023 APPLIES TO ENTIRE PROJECT

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 electronic bidding software. 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 shall make every effort to protect underground facilities from damage as prescribed in the Underground Facility Damage Protection Act of 1994, Kentucky Revised Statute KRS 367.4901 to 367.4917. It is the contractor's responsibility to determine and take steps necessary to be in compliance with federal and state damage prevention directives. When prescribed in said directives, the contractor shall submit Excavation Locate Requests to the Kentucky Contact Center (KY811) via web ticket entry. The submission of this request does not relieve the contractor from the responsibility of contacting non-member facility owners, whom shall be contacted through their individual Protection Notification Center. Non-compliance with these directives can result in the enforcement of penalties.

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.

BUILD AMERICA, BUY AMERICA ACT (BABA)

On November 15, 2021, President Biden signed into law the Infrastructure Investment and Jobs Act (IIJA), Pub. L. No. 117-58, includes the Build America, Buy America Act (“the Act”). Pub. L. No. 117-58, §§70901-52. The Act strengthens the Buy America preference to include “construction materials.” The current temporary waiver for **“construction materials”** will expire on November 10, 2022.

The Act will apply to construction materials as outlined in the guidance issued in OMB [M-22-11](#).

Construction Materials – Includes an article, material, or supply – other than an item of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives – that is or consists primarily of:

- Non-ferrous metals
- Plastic/polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- Glass (including optic glass);
- Lumber; or
- Drywall.

Construction Materials only applies to items, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project.

Construction Materials does not apply to tools, equipment or supplies brought to the jobsite and removed before completion.

BOYCOTT PROVISIONS

If applicable, the contractor represents that, pursuant to [KRS 45A.607](#), they are not currently engaged in, and will not for the duration of the contract engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which Kentucky can enjoy open trade.

Note: The term Boycott does not include actions taken for bona fide business or economic reasons, or actions specifically required by federal or state law.

If applicable, the contractor verifies that, pursuant to KRS 41.480, they do not engage in, and will not for the duration of the contract engage in, in energy company boycotts as defined by KRS 41.472.

LOBBYING PROHIBITIONS

The contractor represents that they, and any subcontractor performing work under the contract, have not violated the agency restrictions contained in [KRS 11A.236](#) during the previous ten (10) years, and pledges to abide by the restrictions set forth in such statute for the duration of the contract awarded.

The contractor further represents that, pursuant to [KRS 45A.328](#), they have not procured an original, subsequent, or similar contract while employing an executive agency lobbyist who was convicted of a crime related to the original, subsequent, or similar contract within five (5) years of the conviction of the lobbyist.

February 1, 2023

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 Rating | 102.08 Preparation and Delivery of Proposals |
| 102.13 Irregular Bid Proposals | 102.14 Disqualification of Bidders |
| 102.09 Proposal Guaranty | |

CIVIL RIGHTS ACT OF 1964

The Kentucky Transportation Cabinet, Department of Highways, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, sex, age (over 40), religion, sexual orientation, gender identity, veteran status, disability, income- level, or Limited English Proficiency (LEP) in consideration for an award.

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 are acceptable per Section 108.01 of the Standard Specifications for Road and Bridge Construction. Sub-Contractors fulfilling a disadvantaged business enterprise goal on a project may enter into a 2nd tier subcontract with a Non-DBE Subcontractor. However, in this instance, none of the work subcontracted to the Non-DBE Contractor will count toward fulfilling the established Disadvantaged Goal for the project.

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 14-35 DBE, within **5** 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 Proposal Line Number, 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, along with the DBE's certificate of insurance. If the DBE is a supplier of materials for the project, a signed purchase order 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 (hard copy along with an electronic copy) of this information must be received in 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 Disadvantaged Enterprise Business Liaison Officer (DEBLO) in the Office for Civil Rights and Small Business Development 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:

- Suspension of Prequalification;
- 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 and Non-DBE Subcontractors 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 complete and submit a **signed and notarized** Affidavit of Subcontractor Payment (TC 18-7) and copies of checks for any monies paid to each DBE subcontractor or supplier utilized to meet a DBE goal. These documents must be completed and signed within 7 days of being paid by the Cabinet.

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.

***** IMPORTANT *****

Please mail the original, signed and completed TC (18-7) Affidavit of Subcontractor Payment form and all copies of checks for payments listed above to the following address:

Office for Civil Rights and Small Business Development
6th Floor West 200 Mero Street
Frankfort, KY 40622

The prime contractor should notify the KYTC Office for Civil Rights and Small Business Development seven (7) days prior to DBE contractors commencing work on the project. The contact in this office is Mr. Melvin Byne. Mr. Byne's current contact information is email address – melvin.bynes2@ky.gov and the telephone number is (502) 564-3601.

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.

PROHIBITION ON TELECOMMUNICATIONS EQUIPMENT OR SERVICES

In accordance with the FY 2019 National Defense Authorization Act (NDAA), 2 CFR 200.216, and 2 CFR 200.471, Federal agencies are prohibited, after August 13, 2020, from obligating or expending financial assistance to obtain certain telecommunications and video surveillance services and equipment from specific producers. As a result of these regulations, contractors and subcontractors are prohibited, on projects with federal funding participation, from providing telecommunication or video surveillance equipment, services, or systems produced by:

- Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities)
- Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities)

Revised: 5/3/2022

**LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC – CARGO
PREFERENCE ACT (CPA).**

(REV 12-17-15) (1-16)

SECTION 7 is expanded by the following new Article:

102.10 Cargo Preference Act – Use of United States-flag vessels.

Pursuant to Title 46CFR Part 381, the Contractor agrees

- To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.
- To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph 1 of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.
- To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract.

Special Notes Applicable to Project – General Notes & Description of Work

Except as specified herein, perform all work in accordance with the Department's Standard Specifications, Supplemental Specifications, applicable Special Notes and Special Provisions, and applicable Standard and Sepia Drawings, current editions. Section references are to the Standard Specifications.

CAUTION – PROPOSAL INFORMATION IS APPROXIMATE – PERFORM AN ON-SITE INSPECTION

Potential bidders are cautioned that the information within this proposal is approximate only and is not to be taken as an exact evaluation of the bid quantities, nor the materials and conditions that may be encountered during construction. As such, before submitting a bid, potential bidders shall make a thorough inspection of the site to examine the conditions to be encountered per Section 104.07. Furthermore, during the execution of the work, the Engineer reserves the right to make changes to the bid item quantities and/or alterations in the work when necessary to complete the project satisfactorily per Section 104.02.

NOTE: The Department will pay for bid item quantity overruns, but only if pre-approved by the Engineer.

ON-SITE INSPECTION

Before submitting a bid for the work, make a thorough inspection of the site and determine existing conditions so that the work can be expeditiously performed after a contract is awarded. The Department will consider submission of a bid to be evidence of this inspection having been made. The Department will not honor any claims for money or time extension resulting from site conditions.

RIGHT OF WAY LIMITS

The Department has not established the exact limits of the Right-of-Way. Unless a consent and release form is obtained from the adjoining property owner, limit work activities to the obvious Right-of-Way and staging areas secured and environmentally cleared by the Contractor at no additional cost to the Department. In the event that private improvements (i.e. fences, buildings, etc.) encroach upon the Right-of-Way, the contractor shall notify the Engineer and limit work activities in order to NOT disturb the improvements. If they become necessary, the Department will secure consent and releases from property owners through the Engineer. Be responsible for all encroachments onto private lands.

CONTROL

Perform all work under the absolute control of the Department of Highways. Obtain the Engineer's approval of all designs required to be furnished by the Contractor prior to incorporation into the work. The Department reserves the right to have other work performed by other contractors and its own forces and to permit public utility companies and others to do work during the construction within the limits of, or adjacent to, the project. Conduct operations and cooperate with such other parties so that interference with such other work will be reduced to a minimum. The Department will not honor any claims for money or time extension created by the operations of such other parties. Should a difference of opinion arise as to the rights of the Contractor and others working within the limits of, or adjacent to, the project, the Engineer will decide as to the respective rights of the various parties involved in order to assure the completion of the Department's work in general harmony and in a satisfactory manner, and his/her decision shall be final and binding upon the Contractor.

DESCRIPTION OF WORK

Except as specified herein, perform all work in accordance with the Department's Standard Specifications, Supplemental Specifications, applicable Special Notes and Special Provisions, and applicable Standard and Sepia Drawings, current editions. Furnish all materials, labor, equipment, and incidentals for the following work:

General Notes & Description of Work
Page 2 of 2

The purpose of this project is to install new Wrong Way Driving signage and pavement markings at various off ramps.

Removal of Existing Signing and Installation of Proposed Signing. Estimated quantities of new signing and signposts are included on the Proposed Sign Summaries for each off ramp. Estimated quantities for removal of existing signs are included on the Remove Sign Summaries for each off ramp. The Contractor and Engineer will work with the District Traffic Section to determine the final signing layout and sign types prior to installation of the proposed signing. Refer to the Special Note for Signing, the Special Note for Signage, the Special Note for Staking, and the plan sheets for details on the proposed signs and the procedures for staking and determining the final layout of the proposed signing.

Installation of Proposed Striping and Pavement Markings. Estimated quantities of new striping and pavement markings are included on the Proposed Striping/Pavement Markings Summaries for each interchange. The Contractor and Engineer will work with the District Traffic Section to determine the final striping and pavement marking layout prior to installation of the proposed striping and pavement markings. Refer to the the Special Note for Staking, and the plan sheets for details on the proposed striping and pavement markings and the procedures for staking and determining the final layout of the proposed striping and pavement markings.

Special Note for Staking

Perform Contractor Staking according to Section 201; except, in addition to the requirements of Section 201, perform the following:

1. Using stakes, paint marks on the pavement, mag nails, and/or any other means approved by the Engineer, the Contractor shall mark and/or stake the proposed sign locations in the field. NOTE: The proposed signs are listed in the proposal by approximate location and are NOT to be taken as the exact location for the signs. During staking operations, the Contractor shall review the signing layout and existing field conditions and look for potential conflicts, including but not limited to utilities, driveways, visual obstructions, etc. When conflicts are found, adjust the staked location of signs to mitigate conflicts. Because the sign locations in the proposal are approximate and the location of some signs may need to be adjusted due to conflicts, during staking operations the Contractor shall refer to and utilize the information in the Manual on Uniform on Traffic Control Devices (MUTCD), current edition. The MUTCD cover items such as: appropriate sign location, advance placement distances, and spacing requirements for signing. The intent is for the proposed signs to be consistent with, and meet the requirements of, the MUTCD. Once the proposed sign locations have been staked, notify and coordinate with the District Traffic Engineer, and perform a review of the staked locations. Adjust the staked locations, as directed by the District Traffic Engineer and obtain approval of the final staked locations. This review will also be used to determine if there are any existing signs that require removal and/or relocation. Provide the District Traffic Engineer with 2 weeks of notice when a location will be ready for a review of the staked locations. NOTE: The District Traffic Engineer may determine that the proposed signing, including sign types and messages, needs to be adjusted and/or modified from what is shown in the proposal. Therefore, the Contractor shall not order any sign material for a route until the route has been staked and final sign location approval has been given by the District Traffic Engineer.
2. Using paint marks on the pavement, and/or any other means approved by the Engineer, the Contractor shall layout and pre-mark the proposed striping, pavement markings, etc. Adjust as necessary to accommodate the existing site conditions and to provide proper alignment of the proposed thru and turning lanes. Obtain approval of the pre-marked layout from the Engineer and/or District Traffic Engineer prior to installing the striping and/or pavement markings.
3. Prior to incorporating into the work, obtain the Engineers approval of all revisions determined by the Contractor.
4. Perform any and all other staking operations required to control and construct the work.

Special Note for Signage

All sign sheeting shall be from the Cabinet's List of Approved Materials.

All permanent signs and sign components shall be fabricated using Type XI sheeting.

The following signs and sign components shall be fabricated using Type XI fluorescent yellow sheeting:

- Horizontal Alignment Signs and Plaques, including signs shown in Figure 2C-1 of the MUTCD
- All Advisory Speed (W13-1P) plaques

The following signs shall be fabricated using Type XI fluorescent yellow-green sheeting:

- School and school bus warning signs, including the fluorescent yellow-green signs shown in Figures 7B-1 and 7B-6 of the MUTCD and other school-related warning signs that are not included in the MUTCD.
- Bicycle Warning (W11-1) signs and SHARE THE ROAD (W16-1P) plaques or diagonal downward pointing arrow (W16-7P) plaques that supplement Bicycle Warning signs.
- Pedestrian Warning signs and diagonal downward pointing arrow plaques that supplement Pedestrian Warning signs.
- In-Street Pedestrian Crossing (R1-6) signs and Overhead pedestrian Crossing (R1-9) signs
- Supplemental plaques to any of the previously listed signs

Special Note for Signing

I. DESCRIPTION

Except as provided herein, this work shall be performed in accordance with the current edition of the Manual on Uniform Traffic Control Devices (MUTCD), the Department's current Standard Specifications and Interim Supplemental Specifications, applicable Standard and Sepia Drawings, and applicable Special Provisions. Article references are to the Standard Specifications. This project shall consist of furnishing all labor, equipment, materials, and incidentals for the following:

(1) Maintaining and Controlling Traffic; (2) Furnish, Fabricate, and Erect Signs; and (3) All other work specified in the Contract.

II. MATERIALS

All materials shall be sampled and tested in accordance with the Department's Sampling Manual and the materials shall be available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing unless otherwise specified in these Notes.

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Erosion Control. See Special Note for Erosion Control.

III. CONSTRUCTION METHODS

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Site Preparation. Be responsible for all site preparation including, but not limited to: clearing and grubbing, staking, excavation, backfill, and removal of obstructions or any other material not covered by other items. Perform all site preparation only as approved or directed by the Engineer.

C. Staking. See Special Note for Staking.

D. Signs and Posts. Before beginning installation, the Contractor shall furnish to the Engineer drawings, descriptions, manufacturer's cuts, etc. covering all material to be used. Mill test reports for beams, steel panels, and each different gauge of aluminum or steel sheeting used must be submitted to the Division of Construction and approved prior to erection.

Fabricate sheet signs from .080 or .125 gauge aluminum alloy 5052-H38 or 6061-T6, in accordance with ASTM B-209, and to the size and shape specified. Prepare the side of the sheet to be used as the sign face to receive the retroreflective background material according to the recommendations of the sheeting and retroreflective material manufacturer(s). Sheeting used as background material for sign faces is to be the color specified and visually in accordance with the standard requirements of ASTM D-4956, and meet the requirements of Section 830 of the Standard Specifications. Contrary to Section 830.02.06, only the types and colors of sheeting as specified in the proposal will be

Signing
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accepted. All retroreflective material shall be fabricated and assembled in accordance with the specifications and/or recommendations of the manufacturer(s).

All hardware for the erection of sheeting signs shall be rust resistant: stainless steel, zinc coated, aluminum, or an Engineer approved material. All beams and posts shall be of sufficient lengths to extend from the top of the sign to the required embedment in the anchor. Splicing of the sign post shall NOT be allowed. For installations in soil, Type I steel posts shall be mounted on either a standard anchor, with soil stabilizer plate, or on a Type D breakaway sign support. Refer to Sheeting Sign Detail Sheet 1 of 2 for installation details for a standard anchor with soil stabilizer plate. When installing a standard anchor with soil stabilizer plate, if solid rock is encountered, the Contractor shall drill a hole to the required depth into the rock, install the anchor into the hole, and backfill the anchor post with concrete, or other method approved by the Engineer. The cost shall be incidental to Type I steel post, and a soil stabilizer plate will not be required. Refer to Standard Drawing RGX-065, current edition, for installation details of Type D breakaway sign supports. Approved manufacturers for Type D breakaway sign supports have been placed on the list of approved materials. For installations on existing concrete, such as a sidewalk, concrete median, etc., or installations on existing asphalt, such as flush medians, Type I steel posts shall be mounted on a Type D Surface Mount. For Type D Surface Mounts use only Kleen Break Model 425 by Xcessories Squared of Auburn, IL. If the Surface Mount is to be installed on sufficiently cured concrete, use part number XKBSM42520-G. If the Surface Mount is to be installed on asphalt surface, use part numbers XKB42520-G and AXT225-36-G. Prior to installation, the Contractor shall submit to the Engineer shop drawings of the Type D Surface Mount(s). Install the Type D Surface Mount(s) according to all the applicable requirements of the manufacturer (see shop drawings). All steel post shall meet the requirements of Section 832. All hardware including, but not limited to, sign post anchors, soil stabilizer plates, nuts, bolts, washers, fasteners, fittings, and bracing, or any other incidentals necessary to erect the signs shall be furnished by the Contractor and will be incidental to the work.

New concrete bases, posts, support anchors, signs, etc. are to be installed prior to dismantling any existing sign(s). The removal of existing signs, posts, and support anchors is to be performed concurrently with the installation of new signs, posts, and support anchors, under the same lane closure during the same work shift. Completely remove existing sign support anchors or remove them to a minimum depth of six (6) inches below existing ground line and backfill the disturbed area to the existing ground line.

When listed in the summaries, Reflective Sign Post Panels shall be 2" wide x 60" tall (or 84" tall for urban installations) and shall have three 3/8" holes (one hole in the top 3", one hole near the center, and one hole in the bottom 3") that align with the holes on the Type I steel post. Sheeting for the Reflective Sign Post Panels shall be the same Type and color as the sign installed on the post. Examples include:

- Red, fluorescent yellow, and fluorescent yellow-green (Type XI Sheeting)
- White and yellow (Type XI Sheeting).

All manufactured sheeting signs shall be free of visual defects including, but not limited to: cracks, tears, ridges, humps, discoloration, etc., and defective signs shall be replaced at no additional cost to the Department.

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All sign blanks shall be hole punched by the manufacturer for either horizontal or vertical installation. Attach all aluminum sheeting signs to square post with 3/8" all steel rivets and nylon washers.

Post will be attached to the anchor with 5/16" corner bolts and 5/16" flanged nuts, and all post and anchor cuts shall be treated with a Cold Galvanizing Compound spray.

Sign posts shall be erected vertically by using a bubble level. The tolerance shall be a two (2) degree angle in any direction. For locations where more than one sign is mounted beside each other, the posts shall be spaced to provide approximately six inches (6") of spacing between signs.

- E. Property Damage.** The Contractor shall be responsible for all damage to public and/or private property resulting from the Contractor's activities. Repair or replace damaged roadway features in like kind materials and design as directed by the Engineer at no additional cost to the Department. Repair or replace damaged private property in like kind materials and design to the satisfaction of the owner and the Engineer at no additional cost to the Department.
- F. Coordination with Utility Companies.** Locate all underground, above ground, and overhead utilities prior to beginning construction. Be responsible for contacting and maintaining liaison with all utility companies that have utilities located within the project limits. Do not disturb existing overhead or underground utilities. It is not anticipated that any utility facilities will need to be relocated and/or adjusted; however, in the event that it is discovered that the work does require that utilities be relocated and/or adjusted, the utility companies will work concurrently with the Contractor while relocating their facilities. Be responsible for repairing all utility damage that occurs due to the Contractor's operations at no additional cost to the Department. NOTIFY THE ENGINEER AND THE UTILITY OWNER(S) IMMEDIATELY WHEN IT IS DISCOVERED OR ANTICIPATED THAT ANY UTILITY CONFLICT COULD DELAY THE CONTRACTOR'S OPERATIONS. If the total delay exceeds ten working days, an extension of the specified completion date will be negotiated with the Contractor for delay to the Contractor's work; however, no extension will be granted for any delay caused by the Contractor's failure to notify the Engineer and/or the utility company as specified above when a conflict is discovered or anticipated as specified.
- G. Caution.** The information in this proposal and the type of work listed herein are approximate only and are not to be taken as an exact evaluation of the materials and conditions to be encountered during construction; the bidder must draw his/her own conclusions when developing the Unit Bid Prices for each bid item. As such, if the conditions encountered are not in accordance with the information shown, the Department does not guarantee any changes to the Unit Bid Prices nor extension of the contract will be considered. The Department will pay for bid item quantity overruns, but only if pre-approved by the Engineer.
- H. Control.** Perform all work under the absolute control of the Department. Obtain the Engineer's approval of all designs required to be furnished by the Contractor prior to incorporation into the work. The Department reserves the right to have other work performed by other contractors and its own forces, and to permit public utility companies and others to do work during the construction within the limits of, or adjacent to, the project. Conduct operations and cooperate with such other parties so that interference with such other work will be reduced to a minimum. The Department

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will not honor any claims for money or time extension created by the operations of such other parties.

Should a difference of opinion arise as to the rights of the Contractor and others working within the limits of, or adjacent to, the project, the Engineer will decide as to the respective rights of the various parties involved in order to assure the completion of the Department's work in general harmony and in a satisfactory manner, and the Engineer's decision shall be final and binding upon the Contractor.

- I. Clean Up, Disposal of Waste.** Clean up the project area as work progresses. Dispose of all removed concrete, debris, and other waste as per Section 204.03.08. The Department will incur no cost to obtain the disposal sites. The Department will NOT make direct payment for disposal of waste and debris from the project. Existing anchors, signs, posts, and any other hardware or material removed from the site are to become the property of the Contractor. See Special Provision for Waste and Borrow Sites.
- J. Final Dressing, Seeding and Protection.** Grade all disturbed areas to blend with the adjacent roadways features and to provide a suitable seed bed. Apply Class A Final Dressing to all disturbed areas, both on and off the Right-of-Way. Sow all disturbed earthen areas with the applicable seed mixture(s) according to Section 212.03.03.
- K. Erosion Control.** See Special Note for Erosion Control.

IV. METHOD OF MEASUREMENT

- A. Maintain and Control Traffic.** See Traffic Control Plan.
- B. Site Preparation.** Other than the bid items listed, the Department will NOT measure Site Preparation for payment, but shall be incidental to the project bid items.
- C. Signs.** The Department will measure the finished in-place area of signs in Square Feet.
- D. Sign Posts.** The Department will measure the finished in-place length of sign posts in Linear Feet, from the top of the anchor, or top of the sign support, to the top of the sign post. Laps, cutoffs, excess, and waste will NOT be measured for payment.
- E. Type D Breakaway Sign Supports.** The Department will measure Type D sign supports as Each support installed.
- F. Type D Surface Mounts.** The Department will measure Type D Surface Mounts as Each surface mount installed.
- G. Class A Concrete for Signs.** The Department will measure the Class A Concrete used in conjunction with Type D breakaway sign support installations in Cubic Yards. Any concrete that is required as backfill due to hitting rock during a standard installation shall be incidental to the bid item STEEL POST TYPE I, and soil stabilizers will not be required.

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Page 5 of 6

- H. Clean Up, Disposal of Waste, Final Dressing, Seeding and Protection.** The Department will NOT measure for payment the following activities: Clean Up, Disposal of Waste, and Final Dressing. These activities shall be incidental. Seeding and Protection shall be measured according to Section 212.
- I. Erosion Control.** See Special Note for Erosion Control.
- J. Remove Sign.** The Department will consider all signs attached to one or more connected posts as a single sign. The Department will measure as Each sign assembly removed and NOT each individual sign removed.
- K. Items Provided by KYTC.** The Department will NOT measure for payment the installation of signs and/or surface mounts provided by KYTC. These activities shall be incidental to the bid item STEEL POST TYPE I.

V. BASIS OF PAYMENT

- A. Maintain and Control Traffic.** See Traffic Control Plan.
- B. Signs.** The Department will make payment for the completed and accepted quantities under the bid item SBM ALUM SHEET SIGNS .125 IN or .080 IN. The Department will consider payment full compensation for all work and incidentals necessary to install the signs, as required by these notes and the details found elsewhere in the proposal, at the locations indicated on the summary sheets, plans, and/or as directed by the Engineer.
- C. Sign Posts.** The Department will make payment for the completed and accepted quantities under the bid item STEEL POST TYPE I. The Department will consider payment full compensation for all work and incidentals necessary to install the sign posts as required by these notes and the details found elsewhere in the proposal.
- D. Type D Breakaway Sign Supports.** The Department will make payment for the completed and accepted quantities under the bid item GMSS TYPE D. The Department will consider payment full compensation for all work and incidentals necessary to install the Type D breakaway sign supports as required by Standard Drawing RGX-065, current edition.
- E. Type D Surface Mounts.** The Department will make payment for the completed and accepted quantities under the bid item GMSS TYPE D (SURFACE MOUNT). The Department will consider payment full compensation for all work and incidentals necessary to install the Type D surface mounts according to all applicable manufacturer requirements.
NOTE: The permissible Type D Surface Mount alternative is: Kleen Break Model 425 for Surface Mount Concrete Installations by Xcessories Squared of Auburn, IL
- F. Class A Concrete for Signs.** The Department will make payment for the completed and accepted quantities, used in conjunction with Type D breakaway sign support installations, under the bid item CLASS A CONCRETE FOR SIGNS. The Department will consider payment full compensation for all work

Signing
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and incidentals necessary to install the concrete as required by Standard Drawing RGX-065, current edition.

- G. Remove Sign.** The Department will make payment for the completed and accepted quantities under the bid item REMOVE SIGN. The Department will consider payment full compensation for all work and incidentals necessary to remove the existing signs, posts, anchors, and any other sign material or hardware, from the locations indicated on the summary sheets, plans, and/or as directed by the Engineer.
- H. Erosion Control.** See Special Note for Erosion Control.

Special Note for Completion Date & Liquidated Damages

I. COMPLETION DATE

The ultimate fixed completion date for this project will be October 31, 2023. Liquidated Damages for failure to complete the project on time will be assessed following Section 108.09.

II. LIQUIDATED DAMAGES

In addition to the requirements of Section 108.09, the Department will assess Liquidated Damages in the amount of **\$1,000** per hour for each hour, or fraction of an hour, for any and all lane closures that are in place beyond the time frame(s) noted in the Traffic Control Plan and approved by the Engineer.

Contrary to Section 108.09, Liquidated Damages will be assessed regardless of whether seasonal limitations prohibit the Contractor from performing work on the controlling operation.

Contrary to Section 108.09, Liquidated Damages will be assessed for the months of December through March.

All liquidated damages will be applied accumulatively.

All other applicable portions of Section 108 apply.

SPECIAL PROVISION FOR WASTE AND BORROW SITES

Obtain U.S. Army Corps of Engineer's approval before utilizing a waste or borrow site that involves "Waters of the United States". The Corps of Engineers defines "Waters of the United States" as perennial or intermittent streams, ponds or wetlands. The Corps of Engineers also considers ephemeral streams, typically dry except during rainfall but having a defined drainage channel, to be jurisdictional waters. Direct questions concerning any potential impacts to "Waters of the United States" to the attention of the appropriate District Office for the Corps of Engineers for a determination prior to disturbance. Be responsible for any fees associated with obtaining approval for waste and borrow sites from the U.S. Army Corps of Engineer or other appropriate regulatory agencies.

1-296 Waste & Borrow Sites
01/02/2012

COORDINATION OF WORK WITH OTHER CONTRACTS

Be advised, there may be an active project(s) adjacent to or within this project. The Engineer will coordinate the work of the Contractors. See Section 105.06.

1-3193 Coordination Contracts
01/02/2012

TRAFFIC CONTROL PLAN

TRAFFIC CONTROL GENERAL

Except as provided herein, traffic shall be maintained in accordance with the current editions of the Manual on Uniform Traffic Control Devices (MUTCD), Standard Specifications, Supplemental Specifications, and the Standard and Sepia Drawings. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic shall be paid at the lump sum bid price to “Maintain and Control Traffic”.

Contrary to Section 106.01, traffic control devices used on this project may be new, or used in like new condition, at the beginning of the work and maintained in like new condition until completion of the work. Any temporary traffic control items, devices, materials, and incidentals shall remain the property of the contractor unless otherwise addressed, when no longer needed.

PROJECT PHASING & CONSTRUCTION PROCEDURES

At locations with three or more lanes, maintain one lane of traffic in each direction at all times during construction. At locations with two lanes, maintain alternating one-way traffic during construction and provide a minimum clear lane width of 10 feet. At locations with one lane, such as along exit and entrance ramps, a partial lane closure is permitted during construction, as long as a minimum clear lane width of 10 feet is maintained. Along portions of ramps where there is more than one lane, a single lane may be closed.

NOTE: During any lane closure or partial lane closure, make provisions for the passage of vehicles of up to 16 feet in width. 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 school bus or emergency vehicle as quickly as possible.

Unless otherwise approved by the Engineer, no lane closures will be allowed during the following times:

Easter Weekend	3 pm Friday, April 7, 2023 – 8 pm Sunday, April 9, 2023
Memorial Day Weekend	3 pm Friday, May 26, 2023 – 8 pm Monday, May 29, 2023
Independence Day	7 am Saturday, July 1, 2023 – 11 pm Tuesday, July 4, 2023
Labor Day Weekend	3 pm Friday, September 1, 2023 – 8 pm Monday, September 4, 2023
Thanksgiving Holiday	3 pm Wednesday, November 22, 2023 – 8 pm Sunday, November 26, 2023
Christmas Holiday	3 pm Friday, December 22, 2023 – 8 pm Monday, December 25, 2023
New Year’s Day Holiday	7 am Saturday, December 30, 2023 – 8 pm Monday, January 1, 2024

Do NOT erect lane closures and or partial lane closures during the following days and/or hours:

Normal Workday Rush Hours
Monday-Friday 6:30 am – 8:30 am, and 3:00 pm – 6:00 pm, daily

The Department will allow night work on this project. Obtain the Engineer’s approval of the method of lighting prior to performing night work.

Take these restrictions into account in submitting bid. The Department will not consider any claims for money or grant contract time extensions for any delays to the Contractor as a result of these restrictions.

Traffic Control Plan
Page 2 of 2

The Department will provide public notification regarding lane closures. The Contractor shall submit proposed lane closure days and times to the Engineer at least 14 calendar days in advance for approval. Liquidated Damages will be assessed for each hour or fraction of an hour that a lane closure is in place outside of an approved time period. See the Special Notes for Completion Dates & Liquidated Damages for details on the Liquidated Damages amount.

LANE CLOSURES

Long term lane closures shall not be allowed; therefore, lane closures will not be measured for payment. Do not leave lane closures in place during non-working hours and prohibited periods.

TEMPORARY SIGNS

Temporary signposts and splices shall be compliant with NCHRP 350 or MASH. Manufacturer's documentation validating this compliance shall be provided to the Engineer prior to installation. Temporary signs, including any splices, shall be installed according to manufacturer's specifications and installation recommendations. Contrary to section 112.04.02, temporary signs will not be measured for payment but shall be incidental to Maintain and Control Traffic.

ARROW PANELS

Use arrow panels as shown on the Standard Drawings or as directed by the Engineer. The Department will measure for payment the maximum number of arrow panels in concurrent use at the same time on a single day on all sections of the contract. The Department will measure individual Arrow Panels only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. The Department will not measure replacements for damaged Arrow Panels or for panels signs the Engineer directs be replaced due to poor condition or readability for payment. Retain possession of the Arrow Panels upon completion of the work.

PAVEMENT MARKINGS

Consider the locations listed on the summary and/or shown on the plan sheets as approximate only. If there is to be a deviation from the proposed striping plan, the Engineer will furnish the Contractor with an updated striping plan prior to placement of the proposed pavement markings. See the Special Note for Staking for instructions regarding layout approval prior to installation of the markings.



KENTUCKY TRANSPORTATION CABINET
Department of Highways
DIVISION OF RIGHT OF WAY & UTILITIES

TC 62-226
Rev. 01/2016
Page 1 of 1

RIGHT OF WAY CERTIFICATION

<input checked="" type="checkbox"/>	Original	<input type="checkbox"/>	Re-Certification	RIGHT OF WAY CERTIFICATION	
ITEM #		COUNTY	PROJECT # (STATE)		PROJECT # (FEDERAL)
11-974.00		Various	FD52 121 9999 000-000		HSIP 9010(485)
PROJECT DESCRIPTION					
Installation of Wrong Way Driving Signs and Pavement Markings on Various Off Ramps in District 11					
<input checked="" type="checkbox"/>	No Additional Right of Way Required				
Construction will be within the limits of the existing right of way. The right of way was acquired in accordance to FHWA regulations under the Uniform Relocation Assistance and Real Property Acquisitions Policy Act of 1970, as amended. No additional right of way or relocation assistance were required for this project.					
<input type="checkbox"/>	Condition # 1 (Additional Right of Way Required and Cleared)				
All necessary right 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. Just Compensation has been paid or deposited with the court. All relocations have been relocated to decent, safe, and sanitary housing or that KYTC has made available to displaced persons adequate replacement housing in accordance with the provisions of the current FHWA directive.					
<input type="checkbox"/>	Condition # 2 (Additional Right of Way Required with Exception)				
The right of way has 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. 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. Just Compensation has been paid or deposited with the court for most parcels. Just Compensation for all pending parcels will be paid or deposited with the court prior to AWARD of construction contract					
<input type="checkbox"/>	Condition # 3 (Additional Right of Way Required with Exception)				
The acquisition or right of occupancy and use of a few remaining parcels are not complete and/or some parcels still have occupants. All remaining occupants have had replacement housing made available to them in accordance with 49 CFR 24.204. KYTC is hereby requesting authorization to advertise this project for bids and to proceed with bid letting even though the necessary right of way will not be fully acquired, and/or some occupants will not be relocated, and/or the just compensation 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.					
Total Number of Parcels on Project		0	EXCEPTION (S) Parcel #	ANTICIPATED DATE OF POSSESSION WITH EXPLANATION	
Number of Parcels That Have Been Acquired					
Signed Deed					
Condemnation					
Signed ROE					
Notes/ Comments (Text is limited. Use additional sheet if necessary.)					
LPA RW Project Manager			Right of Way Supervisor		
Printed Name			Printed Name		
Signature			Signature		
Date			Date		
Right of Way Director			FHWA		
Printed Name		2022.12.01	Printed Name		
Signature		<i>Charles Hale</i>	Signature		
Date		13:30:18	Date		
<div style="display: flex; justify-content: space-between;"> <div>-05'00'</div> <div> <p>Digitally signed by Greg Combs</p> <p>Date: 2022.11.30 08:17:03 -05'00'</p> <p>No Signature Required as per FHWA-KYTC Current Stewardship Agreement</p> </div> </div>					

UTILITIES AND RAIL CERTIFICATION NOTE

**HSIP 9010(485)
FD52 121 9999 000-000
Installation of Wrong Way Signing and Pavement Markings for
Various Off Ramps and Ramp Terminals in District 11
Item No. 11-974**

GENERAL PROJECT NOTES ON UTILITIES

For all projects over 2000 linear feet, which are defined as a “Large Project” in KRS 367.4903(18), the awarded contractor shall initially mark the first 2000 linear feet minimally of proposed excavation or construction boundaries of the project to be worked using the procedure set forth in KRS 367.4909(9)(k). This temporary field locating of the project excavation boundary shall take place prior to submitting an excavation location request to the underground utility protection Kentucky Contact Center. For large projects, the awarded contractor shall work with the impacted utilities to determine when additional white lining of the remainder of the project site will take place. This provision shall not alter or relieve the awarded contractor from complying with requirements of KRS 367.4905 to 367.4917 in their entirety.

NOTE: The information presented in this Utility Note is informational in nature and the information contained herein is not guaranteed.

The contractor will be responsible for contacting all utility facility owners on the subject project to coordinate his/her activities. The contractor will coordinate his/her activities to minimize and, where possible, avoid conflicts with utility facilities. Due to the nature of the work proposed, it is unlikely to conflict with the existing utilities beyond minor facility adjustments. Where conflicts with utility facilities are unavoidable, the contractor will coordinate any necessary relocation work with the facility owner and Resident Engineer. The Kentucky Transportation Cabinet maintains the right to remove or alter portions of this contract if a utility conflict occurs. The utility facilities as noted in the previous section(s) have been determined using data garnered by varied means and with varying degrees of accuracy: from the facility owners, a result of S.U.E., field inspections, and/or reviews of record drawings. The facilities defined may not be inclusive of all utilities in the project scope and are not Level A quality, unless specified as such. It is the contractor’s responsibility to verify all utilities and their respective locations before excavating.

The contractor shall make every effort to protect underground facilities from damage as prescribed in the Underground Facility Damage Protection Act of 1994, Kentucky Revised Statute KRS 367.4901 to 367.4917. It is the contractor’s responsibility to determine and take steps necessary to be in compliance with federal and state damage prevention directives. The contractor is instructed to contact KY 811 for the location of existing underground utilities. Contact shall be made a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor shall submit Excavation Locate Requests to the Kentucky Contact Center (KY 811) via web ticket entry. The submission of this request does not relieve the contractor from the responsibility of contacting non-member facility owners, whom are to be contacted through their individual Protection Notification Center. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area. Non-compliance with these directives can result in the enforcement of penalties.

UTILITIES AND RAIL CERTIFICATION NOTE

HSIP 9010(485)
FD52 121 9999 000-000
Installation of Wrong Way Signing and Pavement Markings for
Various Off Ramps and Ramp Terminals in District 11
Item No. 11-974

NOTE: DO NOT DISTURB THE FOLLOWING UTILITIES LOCATED WITHIN THE PROJECT DISTURB LIMITS

There are no known utility relocations within the project limits. If an unknown utility is encountered, the contractor will be responsible for arranging an on-site meeting with the utility owner/representative(s) and the Engineer to discuss potential impacts and solutions to either avoid the utility or relocate the utility. Depending on the solution selected, the Engineer will determine whether or not additional contract time is appropriate.

The Contractor is fully responsible for protection of all utilities encountered

THE FOLLOWING COMPANIES ARE RELOCATING/ADJUSTING THEIR UTILITIES WITHIN THE PROJECT LIMITS
AND WILL BE COMPLETE PRIOR TO CONSTRUCTION

None

THE FOLLOWING COMPANIES HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE COMPANY OR THE
COMPANY’S SUBCONTRACTOR AND IS TO BE COORDINATED WITH THE ROAD CONTRACT

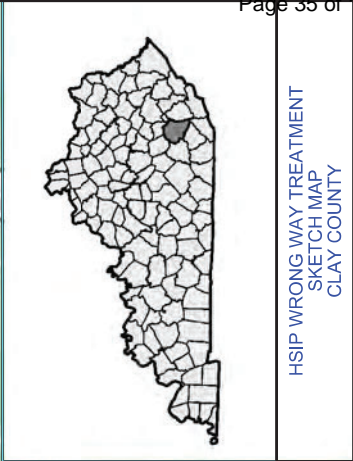
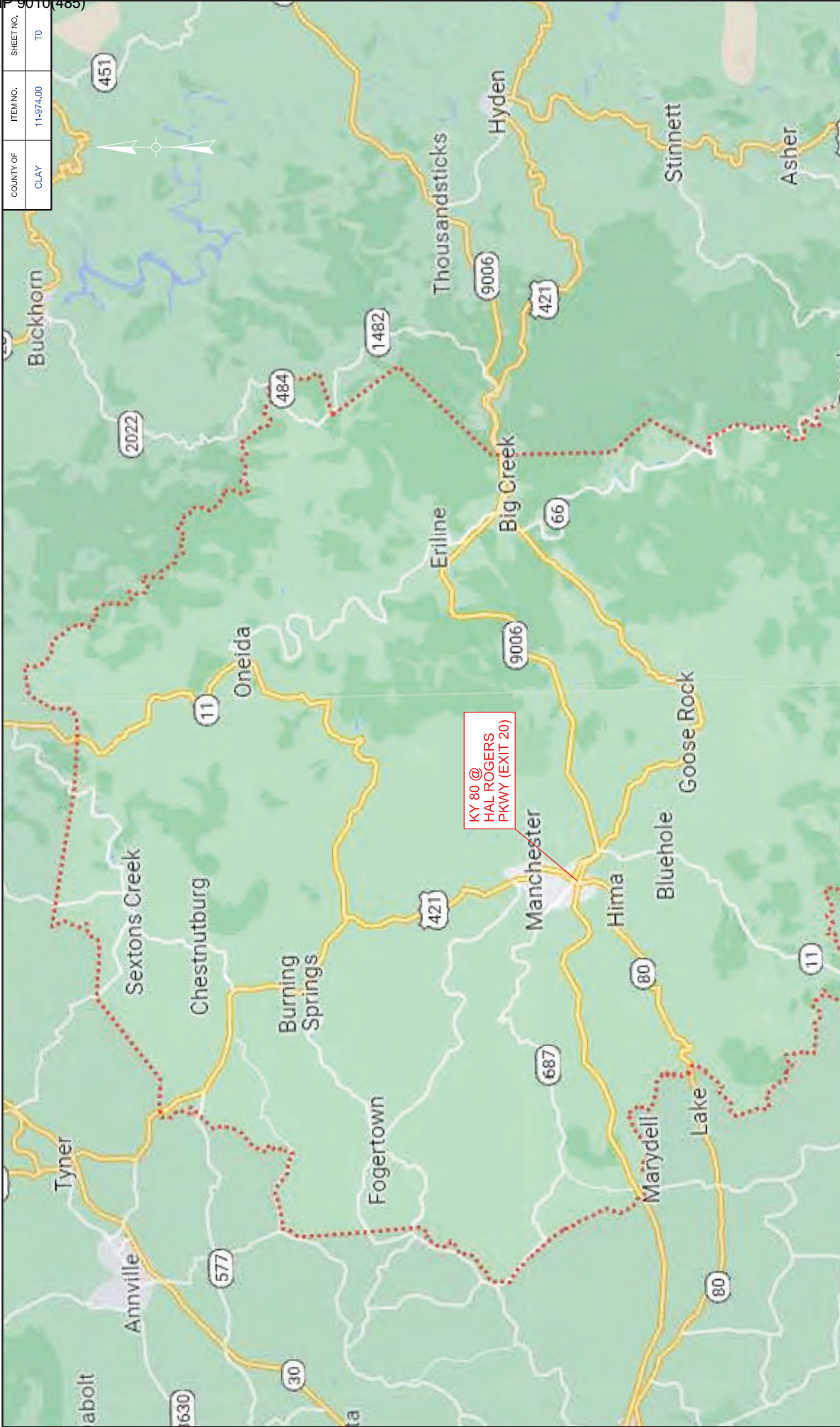
None

THE FOLLOWING COMPANIES HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE ROAD
CONTRACTOR AS INCLUDED IN THIS CONTRACT

None

RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED

☒ No Rail Involvement ☐ Rail Involved ☐ Rail Adjacent



HSIP WRONG WAY TREATMENT
SKETCH MAP
CLAY COUNTY

Proposed Sign Summary for the Hal Rogers Pkwy Off Ramp to KY 80 (Exit 20)

Clay County

SIGN LOCATION		MUTCD Code	Sign Description	Sign Text / Remarks	Sign Dimensions (in x in)	SHEETING			SBM Alum Sheet Signs 0.080 IN (SQ FT)	SBM Alum Sheet Signs 0.125 IN (SQ FT)	Installation Type	Bracing Req'd	# of Sign Posts	Estimated Length of 2" Post (ft)	Estimated Length of 2-1/2" Post (ft)	2-1/4" Stiffener Req'd (includt to post)	TOTAL Estimated Sign Post Length (LF)	Barcode Sign Inv. (EACH)	Notes
Assembly ID	Side of Road					Text/ Symbol Color	Background Color	Sheeting Type											
S-1	LT	WB	Do Not Enter	Mount Behind Existing Exit Sign	48 x 48	White	Red	Xi	16.00	16.00	On Existing Sign Post(s)						1		
		WB	Reflective Sign Post Panel		2 x 60	n/a	Red	Xi	1.67								0		
S-2	RT	WB	Do Not Enter		48 x 48	White	Red	Xi	16.00	16.00	Stnd w/ Soil Plate		2	13.0			26		
		WB	Reflective Sign Post Panel		2 x 60	n/a	Red	Xi	1.67								0		
S-3	LT	WB	Wrong Way		42 x 30	White	Red	Xi	8.75	8.75	Stnd w/ Soil Plate		2	10.5			21		3-foot mounting height to bottom of Wrong Way Sign.
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	Xi	1.00								0		
S-4	RT	WB	Wrong Way		42 x 30	White	Red	Xi	8.75	8.75	Stnd w/ Soil Plate		2	11.0			22		3-foot mounting height to bottom of Wrong Way Sign.
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	Xi	1.00								0		
S-5	RT	WB	No Right Turn		48 x 48	Red & Black	White	Xi	16.00	16.00	Stnd w/ Soil Plate		2	14.0			28		1
		WB	Wrong Way	Bracing Required	42 x 30	White	Red	Xi	8.75								1		
S-6	LT	WB	Do Not Enter	Bracing Required	48 x 48	Black	White	Xi	16.00	16.00	Type D	Yes	2		13.0		26		3-foot mounting height to bottom of Wrong Way Sign.
		WB	One Way		54 x 18	White	White	Xi	6.75	6.75							1		
		WB	One Way		54 x 18	Black	White	Xi	6.75	6.75							0		
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	Xi	1.00										
S-7	LT	WB	Stop		48 x 48	White	Red	Xi	16.00	16.00	Stnd w/ Soil Plate		2	14.0			28		
		WB	Stop		48 x 48	White	Red	Xi	16.00	16.00	Type D Surface Mount		2	10.0			20		1
S-8	MD	WB	Wrong Way	Bracing Required	42 x 30	White	Red	Xi	8.75								1		
		WB	Do Not Enter	Bracing Required	48 x 48	White	Red	Xi	16.00	16.00							1		
S-9	MD	WB	Do Not Enter		54 x 18	Black	White	Xi	6.75	6.75	Type D Surface Mount	Yes	2		12.0		24		3-foot mounting height to bottom of Wrong Way Sign.
		WB	One Way		54 x 18	Black	White	Xi	6.75	6.75							1		
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	Xi	1.00								0		
		WB	Wrong Way	Bracing Required	42 x 30	White	Red	Xi	8.75	8.75							1		
S-10	RT	WB	Do Not Enter	Bracing Required	48 x 48	White	Red	Xi	16.00	16.00	Type D	Yes	2		13.0		26		3-foot mounting height to bottom of Wrong Way Sign.
		WB	One Way		54 x 18	Black	White	Xi	6.75	6.75							1		
		WB	One Way		54 x 18	Black	White	Xi	6.75	6.75							0		
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	Xi	1.00										
S-11	RT	WB	Stop		48 x 48	White	Red	Xi	16.00	16.00	Stnd w/ Soil Plate		2	14.0			28		
		WB	Stop		48 x 48	White	Red	Xi	16.00	16.00	Type D Surface Mount		2	10.0			20		
S-12	RT	WB	No Left Turn		48 x 48	White	White	Xi	16.00	16.00	Type D Surface Mount		2	10.0			20		
		WB	No Left Turn		48 x 48	Red & Black	White	Xi	16.00	16.00							1		
S-13	RT	WB	Wrong Way	Bracing Required	42 x 30	White	Red	Xi	8.75	8.75							1		
		WB	Do Not Enter	Bracing Required	48 x 48	White	Red	Xi	16.00	16.00	Type D	Yes	2		13.0		26		3-foot mounting height to bottom of Wrong Way Sign.
		WB	One Way		54 x 18	Black	White	Xi	6.75	6.75							1		
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	Xi	1.00								0		
S-14	RT	WB	One Way		54 x 18	Black	White	Xi	6.75	6.75							1		
		WB	One Way		54 x 18	Black	White	Xi	6.75	6.75							1		
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	Xi	1.00								0		
		WB	Stop		48 x 48	White	Red	Xi	16.00	16.00	Stnd w/ Soil Plate		2	15.0			30		
S-15	RT	WB	No Right Turn		48 x 48	Red & Black	White	Xi	16.00	16.00	Stnd w/ Soil Plate		2	14.0			28		
		WB	Wrong Way	Bracing Required	42 x 30	White	Red	Xi	8.75								1		
S-16	LT	WB	Do Not Enter	Bracing Required	48 x 48	White	Red	Xi	16.00	16.00	Type D	Yes	2		13.0		26		3-foot mounting height to bottom of Wrong Way Sign.
		WB	One Way		54 x 18	Black	White	Xi	6.75	6.75							1		
		WB	One Way		54 x 18	Black	White	Xi	6.75	6.75							0		
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	Xi	1.00								1		
S-17	LT	WB	Stop		48 x 48	White	Red	Xi	16.00	16.00	Stnd w/ Soil Plate		2	15.0			30		
		WB	Stop		48 x 48	Red & Black	White	Xi	16.00	16.00	Stnd w/ Soil Plate		2	14.0			28		
S-18	RT	WB	Wrong Way		42 x 30	White	Red	Xi	8.75	8.75	Stnd w/ Soil Plate		2	10.5			21		
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	Xi	1.00								0		
S-19	RT	WB	Wrong Way		42 x 30	White	Red	Xi	8.75	8.75	Stnd w/ Soil Plate		2	10.5			21		
		WB	Do Not Enter		48 x 48	White	Red	Xi	16.00	16.00	Stnd w/ Soil Plate		2	14.0			28		
S-20	LT	WB	Wrong Way		42 x 30	White	Red	Xi	8.75	8.75	Stnd w/ Soil Plate		2	10.5			21		
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	Xi	1.00								0		3-foot mounting height to bottom of Wrong Way Sign.
S-21	RT	WB	Do Not Enter		48 x 48	White	Red	Xi	16.00	16.00	Stnd w/ Soil Plate		2	14.0			28		
		WB	Reflective Sign Post Panel		2 x 60	n/a	Red	Xi	1.67								0		
S-22	LT	WB	Do Not Enter	Mount Behind Existing Exit Sign	48 x 48	White	Red	Xi	16.00	16.00	On Existing Sign Post(s)							1	
		WB	Reflective Sign Post Panel		2 x 60	n/a	Red	Xi	1.67								0		

Summary of Items			
Steel Post - Type 1		497	LF
GMS5 Type D		4	EACH
GMS5 Type D (Surface Mount)		4	EACH
Class A Concrete for Signs		1	CU YD

Summary of Items		
SBM Alum Sheet Signs 0.080 INCH	SQ FT	15.67
SBM Alum Sheet Signs 0.125 INCH	SQ FT	434.25
Barcode Sign Inventory	EACH	37
Remove & Relocate Sheet Signs	EACH	
Remove & Relocate Sign Assembly	EACH	

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking for more details on the process for layout and approval of the sign locations.

REMOVE SIGN SUMMARY					
Hal Rogers Pkwy Off Ramp to KY 80 (Exit 20)					
Clay County					
SIGN LOCATION		MUTCD Code	Sign Description	Remove Sign	Remarks
Assembly ID	Side of Road				
S-3	LT	R5-1a	Wrong Way	1	
S-5	RT	R3-1	No Right Turn	1	
S-6	LT	R6-1R	One Way	1	
		R6-1L	One Way		
S-7	LT	R5-1	Do Not Enter	1	
	LT	R1-1	Stop		
S-8	MID	R1-1	Stop	1	
S-10	RT	R6-1R	One Way	1	
		R6-1L	One Way		
S-11	RT	R5-1	Do Not Enter	1	
	RT	R1-1	Stop		
S-13	ISLAND	R3-2	No Left Turn	1	
S-14	RT	R6-1R	One Way	1	
		R6-1L	One Way		
S-15	RT	R5-1	Do Not Enter	1	
	RT	R1-1	Stop		
S-16	LT	R6-1R	One Way	1	
		R6-1L	One Way		
S-17	LT	R5-1	Do Not Enter	1	
S-18	RT	R1-1	Stop	1	
	RT	R5-1	Do Not Enter		
S-20	RT	R3-1	No Right Turn	1	
	LT	R5-1a	Wrong Way		
EX6	RT	R5-1a	Wrong Way	1	Sign Only
EX10	MID	R3-2	No Left Turn	1	Sign Only
EX13	MID	R3-2	No Left Turn	1	Sign Only
EX15	RT	R5-1a	Wrong Way	1	Sign Only

Summary of Items	
Remove Sign	18 EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking

Proposed Striping / Pavement Marking Summary for the Hal Rogers Parkway Off Ramp to KY 80 (Exit 20)

Proposed Striping / Pavement Marking Summary for the Hal Rogers Parkway Off Ramp to KY 80 (Exit 20)							Clay	County
Approx. Location	Striping / Pavement Marking Description	Comments	Width / Size	Material Type	Color	Quantity		
						EACH	LF	SQ YD
HAL ROGERS PARKWAY EB OFF RAMP								
AT STOP BAR	Left Turn Arrow			Thermoplastic	White	1		
AT STOP BAR	Right Turn Arrow			Thermoplastic	White	1		
AT ISLAND	Cross-Hatch		24 IN	Thermoplastic	White			1387
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	1		
@ Wrong Way Signs	Wrong Way Arrow		12 IN	Thermoplastic	White	1		
HAL ROGERS PARKWAY WB OFF RAMP								
100' FROM STOP BAR	Combo Arrow			Thermoplastic	White	1		
AT ISLAND	Striping		6 IN	Thermoplastic	White		53.0	
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	1		
@ Wrong Way Signs	Wrong Way Arrow		12 IN	Thermoplastic	White	1		

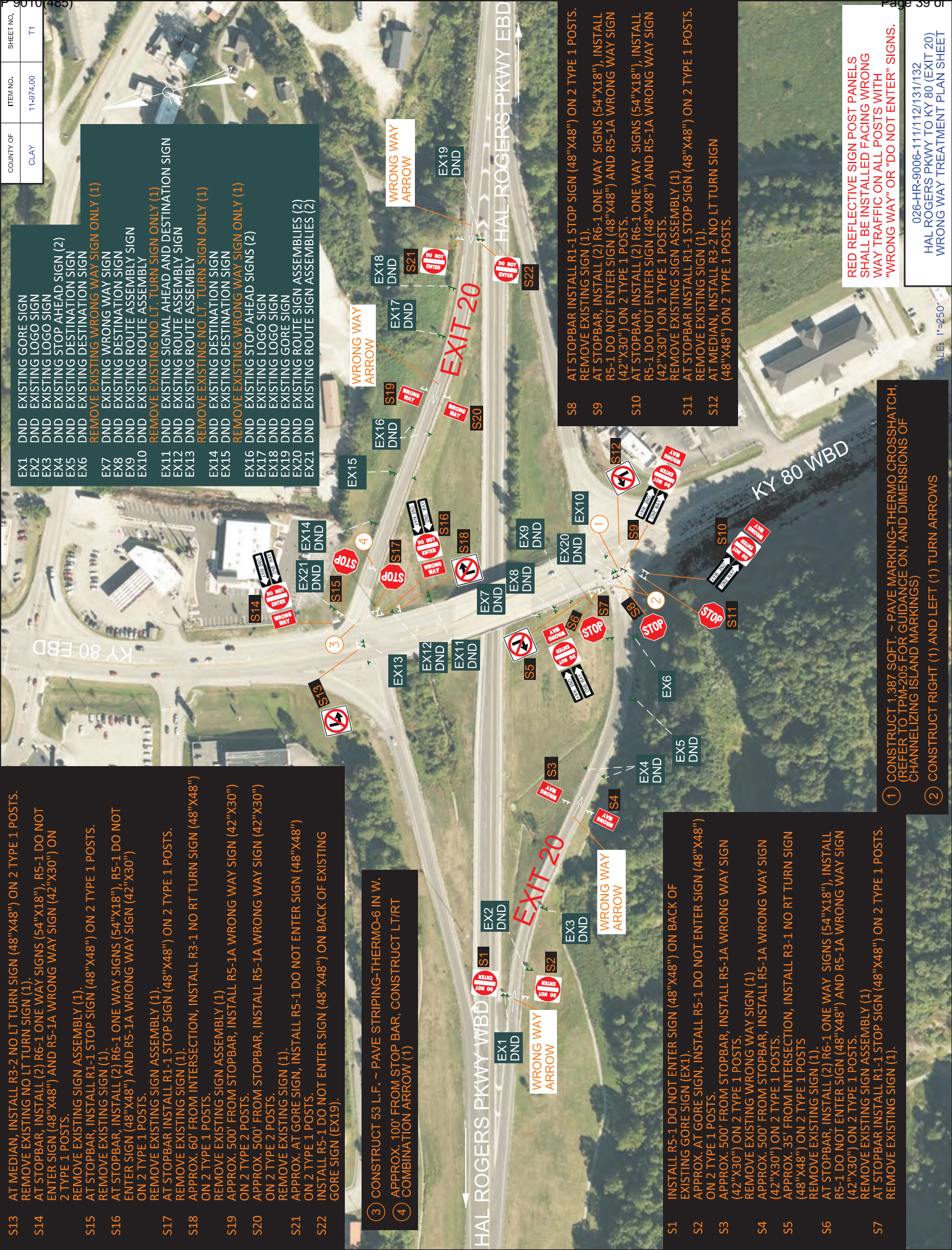
NOTES

See Standard Drawings/Special Detail Sheets for additional information regarding sizing, spacing, dimensions, etc.

See Plans for additional information on locations for proposed striping/pavement markings. Refer to the Special Note for Staking for more details on the process for layout and approval of the proposed striping/pavement marking locations.

Summary of Items			
PAVE STRIPING-THERMO-6 IN W		53	LF
PAVE MARKING-THERMO CROSS-HATCH		1387	SQ FT
PAVE MARK THERMO-WRONG WAY ARROW		4	EACH
PAVE MARKING-THERMO CURV ARROW		2	EACH
PAVE MARKING-THERMO COMB ARROW		1	EACH

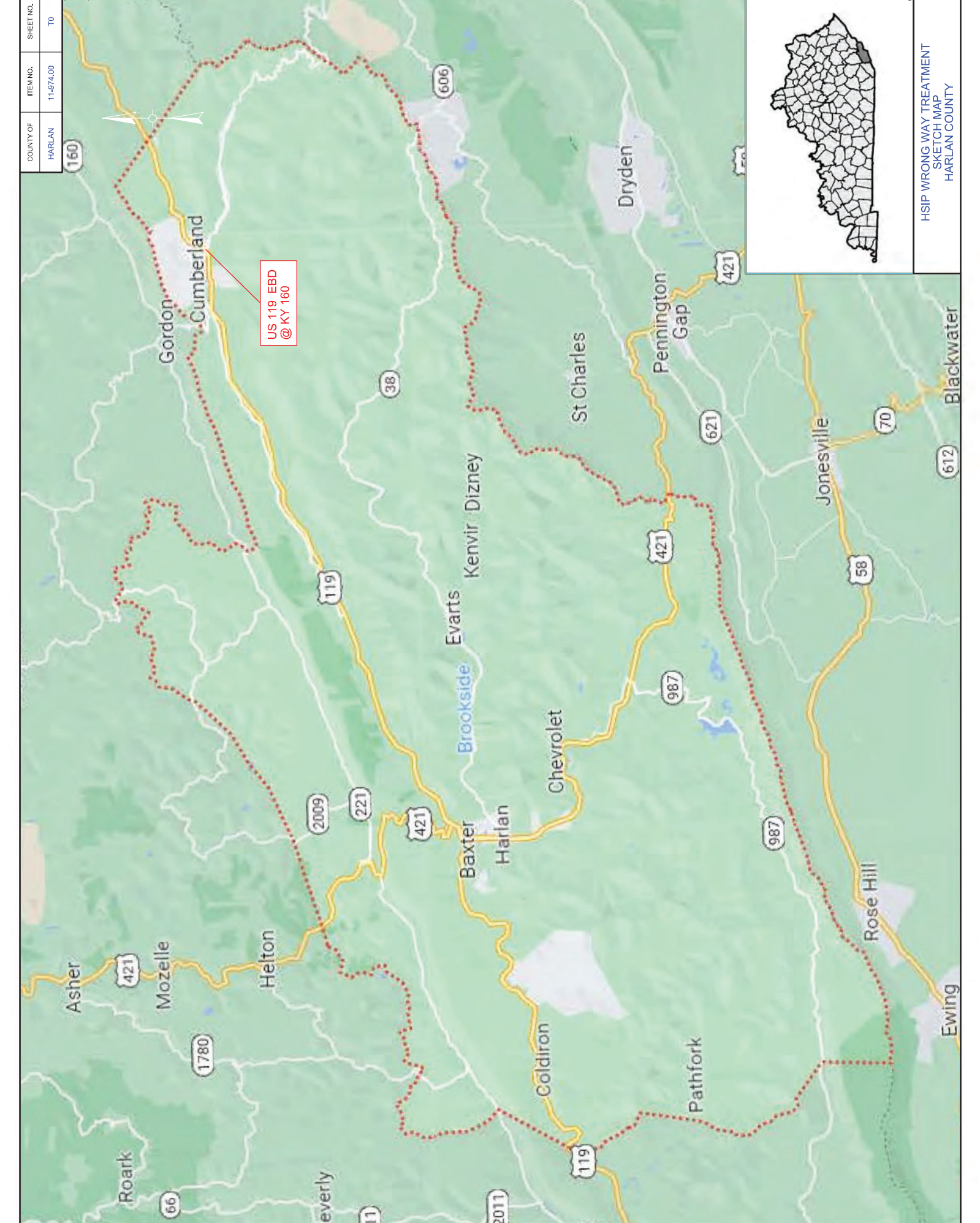
COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-974.00	T1



RED REFLECTIVE SIGN POST PANELS
SHALL BE INSTALLED FACING WRONG
WAY TRAFFIC ON ALL POSTS WITH
"WRONG WAY" OR "DO NOT ENTER" SIGNS.

026-HR-9006-11/11/13/132
HAL ROGERS PKWY TO KY 80 (EXIT 20)
WRONG WAY TREATMENT PLAN SHEET

SCALE: 1"=250'



COUNTY OF	ITEM NO.	SHEET NO.
HARLAN	11-974.00	TO

HSIP WRONG WAY TREATMENT
SKETCH MAP
HARLAN COUNTY

Proposed Sign Summary for the US 119 Off Ramp to KY 160

Harlan County

SIGN LOCATION		Facing Traffic Traveling	MUTCD Code	Sign Description	Sign Text / Remarks	Sign Dimensions (in x in)	SHEETING			SBM Alum Sheet Signs 0.080 IN (SQ FT)	SBM Alum Sheet Signs 0.125 IN (SQ FT)	Installation Type	Bracing Req'd	# of Sign Posts	Estimated Length of 2'-1/2" Post (ft)	Estimated Length of 2'-1/2" Post (ft)	2'-1/4" Stiffener Req'd (includ to post)	TOTAL Estimated Sign Post Length (LF)	Barcode Sign Inv. (EACH)	Notes
Assembly ID	Side of Road						Text / Symbol Color	Background Color	Sheeting Type											
S-1	RT	NB	R1-1	Stop		48 x 48	White	Red	XI	16.00	16.00	Sind w/ Soil Plate		2	14.0			28	1	
S-2	RT	NB	R6-1R	One Way		54 x 18	Black	White	XI	6.75	6.75	Sind w/ Soil Plate		2	11.5			23	0	
S-3	MD	NB	R6-1R	One Way		54 x 18	Black	White	XI	1.67	6.75			2	7.5			15	0	
S-4	MD	NB	R4-7	Keep Right		18 x 30	Black	White	XI	3.75		Type D Surface Mount		1	8.5			8.5	1	
S-5	MD	NB	OM3-L	Object Marker Type 3 Left		12 x 36	Black	Yellow	XI	3.00		Type D Surface Mount		2	10.5			21	1	3-foot mounting height to bottom of Wrong Way Sign.
		NB	R5-1	Do Not Enter		48 x 48	White	Red	XI	16.00		Type D Surface Mount		2					0	
		NB	R5-1a	Wrong Way		42 x 36	n/a	Red	XI	1.00	8.75			2	14.5			29	1	3-foot mounting height to bottom of Wrong Way Sign.
S-6	RT	NB	R5-1	Do Not Enter		48 x 48	White	Red	XI	1.00	16.00	Sind w/ Soil Plate		2					0	
S-7	RT	NB	-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00				2	14.0			28	1	
S-8	RT	NB	R1-1	Stop		48 x 48	White	Red	XI		16.00	Sind w/ Soil Plate		2	12.5			25	0	
S-9	MD	NB	R6-1R	One Way		54 x 18	Black	White	XI	1.00	6.75			2	7.5			15	1	
S-10	MD	NB	R4-7	Keep Right		18 x 30	Black	White	XI	1.00		Type D Surface Mount		2	8.5			8.5	1	
S-11	MD	NB	OM3-L	Object Marker Type 3 Left		12 x 36	Black	Yellow	XI	3.00	8.75	Type D Surface Mount		2	10.5			21	1	3-foot mounting height to bottom of Wrong Way Sign.
		NB	R5-1a	Wrong Way		42 x 30	White	Red	XI		16.00			2					0	
		NB	R5-1	Do Not Enter		48 x 48	White	Red	XI	1.00	8.75	Type D Surface Mount		2	13.5			27	1	3-foot mounting height to bottom of Wrong Way Sign.
S-12	RT	NB	R5-1a	Wrong Way		42 x 30	White	Red	XI		8.75			2					0	
		NB	R5-1	Do Not Enter		48 x 48	White	Red	XI	1.00	16.00	Sind w/ Soil Plate		2					1	
		NB	-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00				2					0	

Summary of Items		
SBM Alum Sheet Signs 0.080 INCH	22.83	SQ FT
SBM Alum Sheet Signs 0.125 INCH	158.00	SQ FT
Barcode Sign Inventory	18	EACH
Remove & Relocate Sheet Signs		EACH
Remove & Relocate Sign Assembly		EACH

Summary of Items		
Steel Post - Type 1	249	LF
GMSS Type D	0	EACH
GMSS Type D (Surface Mount)	6	EACH
Class A Concrete for Signs	0	CU YD

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking for more details on the process for layout and approval of the sign locations.

REMOVE SIGN SUMMARY
US 119 Off Ramp to KY 160

Harlan County

SIGN LOCATION		MUTCD Code	Sign Description	Remove Sign	Remarks
Assembly ID	Side of Road				
S-1	RT	R1-1	Stop	1	
S-3	MD	R6-1R	One Way	1	
		R3-2	No Left Turn		
S-7	RT	R1-1	Stop	1	
S-9	MD	R6-1R	One Way	1	
		R3-2	No Left Turn		

Summary of Items		
Remove Sign	4	EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking

Proposed Striping / Pavement Marking Summary for the US 119 Off Ramp to KY 160

Harlan County

Approx. Location	Striping / Pavement Marking Description	Comments	Width / Size	Material Type	Color	Quantity			
						EACH	LF	SQ YD	SQ FT
US 119 NB OFF RAMP									
@ Ramp Intersection	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
US 119 SB OFF RAMP									
@ Ramp Intersection	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
US 119 NBD									
@ NB Off Ramp Terminal	Stopbar		24 IN	Thermoplastic	White		17		
@ NB Off Ramp Terminal	Right Turn Arrow			Thermoplastic	White	2			
US 119 SBD									
@ SB Off Ramp Terminal	Stopbar		24 IN	Thermoplastic	White		17		
@ SB Off Ramp Terminal	Right Turn Arrow			Thermoplastic	White	2			

NOTES

See Standard Drawings/Special Detail Sheets for additional information regarding sizing, spacing, dimensions, etc.

See Plans for additional information on locations for proposed striping/pavement markings. Refer to the Special Note for Staking for more details on the process for layout and approval of the proposed striping/pavement marking locations.

Summary of Items				
		PAVE STRIPING-THERMO-4 IN Y	242	LF
		PAVE MARKING-THERMO STOP BAR-24 IN	34	LF
		PAVE MARK THERMO-WRONG WAY ARROW	2	EACH
		PAVE MARKING-THERMO CURV ARROW	4	EACH

S7 AT STOPBAR, INSTALL R1-1 STOP SIGN (48"x48") ON 2 TYPE 1 POSTS.
REMOVE EXISTING SIGN (1)

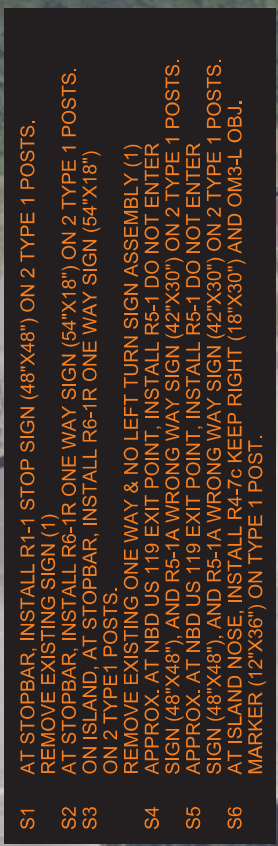
S8 AT STOPBAR, INSTALL R6-1R ONE WAY SIGN (54"x18") ON 2 TYPE 1 POSTS.

S9 ON ISLAND, AT STOPBAR, INSTALL R6-1R ONE WAY SIGN (54"x18")
ON 2 TYPE1 POSTS.

S10 REMOVE EXISTING ONE WAY & NO LEFT TURN SIGN ASSEMBLY (1).
AT ISLAND NOSE, INSTALL R4-7c KEEP RIGHT (18"x30") AND OM3-L OBJ.
MARKER (12"x36") ON TYPE 1 POST.

S11 APPROX. AT SBD US 119 EXIT POINT, INSTALL R5-1 DO NOT ENTER
SIGN (48"x48"), AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.

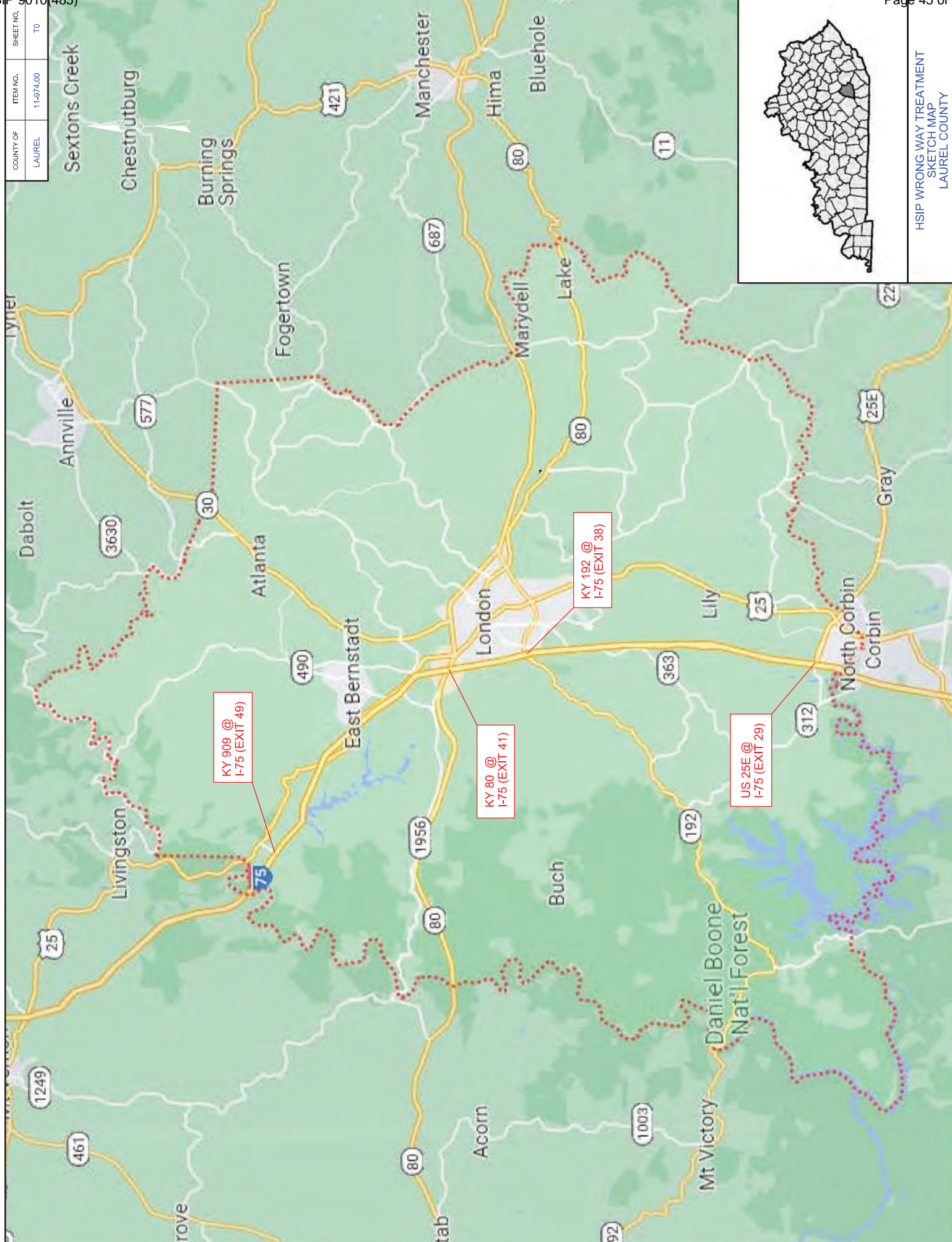
S12 APPROX. AT SBD US 119 EXIT POINT, INSTALL R5-1 DO NOT ENTER
SIGN (48"x48"), AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.



RED REFLECTIVE SIGN POST PANELS SHALL BE INSTALLED FACING WRONG WAY TRAFFIC ON ALL POSTS WITH "WRONG WAY" OR "DO NOT ENTER" SIGNS.

- ① CONST. 17 L.F. ~ PAVE MARKING-THERMO STOP BAR-24IN
- ② CONST. 17 L.F. ~ PAVE MARKING-THERMO STOP BAR-24IN
- ③ CONST. 242 L.F. - PAVE STRIPING 4" YELLOW
- ④ INSTALL THERMOPLASTIC TURN ARROWS (2 ~ RIGHT)
- ⑤ INSTALL THERMOPLASTIC TURN ARROWS (2 ~ RIGHT)

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-974.00	T0



SHIP WRONG WAY TREATMENT
SKETCH MAP
LAUREL COUNTY

Laurel County

Proposed Sign Summary for the I-75 Off Ramp to US 25E (Exit 29)

SIGN LOCATION		MUTCD Code	Sign Description	Sign Text / Remarks	Sign Dimensions (in x in)	SHEETING			SBM Alum Sheet Signs 0.080 IN (SQ FT)	SBM Alum Sheet Signs 0.125 IN (SQ FT)	Installation Type	Bracing Req'd	# of Sign Posts	Estimated Length of 2'-1/2" Post (ft)	2'-1/4" Stiffener Req'd (includnt to post)	TOTAL Estimated Sign Post Length (LF)	Barcode Sign Inv. (EACH)	Notes
Assembly ID	Side of Road	Fading Traffic Traveling				Tex./ Symbol Color	Background Color	Sheeting Type										
S-1	LT	SB	Do Not Enter	Mount Behind Existing Exit Sign	48 x 48	White	Red	XI		16.00	On Existing Sign Post(s)						1	
		SB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33								0	
S-2	RT	SB	Do Not Enter		48 x 48	White	Red	XI		16.00	Strnd w/ Soil Plate		2	16.0		32	0	
		SB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33								0	
S-3	LT	SB	Wrong Way		42 x 30	White	Red	XI		8.75	Strnd w/ Soil Plate		2	11.0		22	0	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
S-4	RT	SB	Wrong Way		42 x 30	White	Red	XI		8.75	Strnd w/ Soil Plate		2	10.5		21	0	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
S-5	RT	EB	No Right Turn		48 x 48	Red & Black	White	XI		16.00	Strnd w/ Soil Plate		2	16.0		32	1	
		WB	No Left Turn		48 x 48	Red & Black	White	XI		16.00							1	
S-6	LT	SB	Wrong Way	Bracing Required	42 x 30	White	Red	XI		8.75	Type D	Yes	2		13.0	26	1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Do Not Enter	Bracing Required	48 x 48	White	Red	XI		16.00							1	
S-7	RT	WB	One Way		54 x 18	Black	White	XI		6.75	Type D	Yes	2			26	1	
		EB	One Way		54 x 18	Black	White	XI		6.75							1	
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
		SB	Wrong Way	Bracing Required	42 x 30	White	Red	XI		8.75							0	
S-8	RT	NB	Do Not Enter	Bracing Required	48 x 48	White	Red	XI		16.00	Type D	Yes	2		13.0	26	1	3-foot mounting height to bottom of Wrong Way Sign.
		EB	One Way		54 x 18	Black	White	XI		6.75							0	
		WB	One Way		54 x 18	Black	White	XI		6.75							0	
		NB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
S-9	LT	NB	Wrong Way	Bracing Required	42 x 30	White	Red	XI		8.75	Type D	Yes	2			28	1	3-foot mounting height to bottom of Wrong Way Sign.
		EB	Do Not Enter	Bracing Required	48 x 48	White	Red	XI		16.00							1	
S-10	RT	WB	No Right Turn		48 x 48	Red & Black	White	XI		16.00	Strnd w/ Soil Plate		2	16.0		32	1	
		EB	No Left Turn		42 x 30	White	Red	XI		8.75							0	
S-11	RT	NB	Wrong Way		42 x 30	White	Red	XI		8.75	Strnd w/ Soil Plate		2	10.5		21	0	3-foot mounting height to bottom of Wrong Way Sign.
		NB	Do Not Enter		42 x 30	White	Red	XI		8.75							0	
S-12	LT	NB	Wrong Way		42 x 30	White	Red	XI		8.75	Strnd w/ Soil Plate		2	11.0		22	0	3-foot mounting height to bottom of Wrong Way Sign.
		NB	Do Not Enter		48 x 48	White	Red	XI		16.00							0	
S-13	RT	NB	Do Not Enter		48 x 48	White	Red	XI		16.00	Strnd w/ Soil Plate		2	16.0		32	0	
		NB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33								0	
S-14	LT	NB	Do Not Enter	Mount Behind Existing Exit Sign	48 x 48	White	Red	XI		16.00	On Existing Sign Post(s)						1	
		NB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33								0	

Summary of Items		
Steel Post - Type 1	320	LF
GMSS Type D	4	EACH
GMSS Type D (Surface Mount)	0	EACH
Class A Concrete for Signs	1	CU YD

Summary of Items		
SBM Alum Sheet Signs 0.080 INCH	17.33	SQ FT
SBM Alum Sheet Signs 0.125 INCH	316.00	SQ FT
Barcode Sign Inventory	28	EACH
Remove & Relocate Sheet Signs		EACH
Remove & Relocate Sign Assembly		EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking for more details on the process for layout and approval of the sign locations.

REMOVE SIGN SUMMARY

I-75 Off Ramp to US 25E (Exit 29)

Laurel County

SIGN LOCATION		MUTCD Code	Sign Description	Remove Sign	Remarks
Assembly ID	Side of Road				
S-3	LT	R5-1a	Wrong Way	1	
S-4	RT	R5-1a	Wrong Way	1	
S-5	RT	R3-1	No Right Turn	1	
		R3-2	No Left Turn	1	
S-6	LT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter	1	
S-7	RT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter	1	
S-8	RT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-9	LT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-10	RT	R3-1	No Right Turn	1	
		R3-2	No Left Turn	1	

Summary of Items		
Remove Sign	12	EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking

Proposed Striping / Pavement Marking Summary for the I-75 Off Ramp to US 25E (Exit 29)							Laurel County		
Approx. Location	Striping / Pavement Marking Description	Comments	Width / Size	Material Type	Color	Quantity			
						EACH	LF	SQ YD	
I-75 NB OFF RAMP									
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
I-75 SB OFF RAMP									
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
US 25E									
@ NB Off Ramp Terminal	Cross-Hatch	12" @ 10' Spacing	12 IN	Thermoplastic	Yellow			11403	
@ NB Off Ramp Terminal	Striping		6 IN	Thermoplastic	Yellow		97		
@ NB Off Ramp Terminal	Stopbar	Over Existing	24 IN	Thermoplastic	White		48		
@ NB Off Ramp Terminal	Left Turn Arrow	Over Existing		Thermoplastic	White	8			
@ NB Off Ramp Terminal	Right Turn Arrow	Over Existing		Thermoplastic	White	16			
@ NB Off Ramp Terminal	Cone Cap	Solid		Thermoplastic	Yellow			60	
US 25E									
@ SB Off Ramp Terminal	Cross-Hatch	12" @ 10' Spacing	12 IN	Thermoplastic	Yellow			3666	
@ SB Off Ramp Terminal	Striping		6 IN	Thermoplastic	Yellow		84		
@ SB Off Ramp Terminal	Stopbar	Over Existing	24 IN	Thermoplastic	White		61		
@ NB Off Ramp Terminal	Left Turn Arrow	Over Existing		Thermoplastic	White	2			
@ NB Off Ramp Terminal	Right Turn Arrow	Over Existing		Thermoplastic	White	1			
@ NB Off Ramp Terminal	Cone Cap	Solid		Thermoplastic	Yellow			84	

NOTES

See Standard Drawings/Special Detail Sheets for additional information regarding sizing, spacing, dimensions, etc.

See Plans for additional information on locations for proposed striping/pavement markings. Refer to the Special Note for Staking for more details on the process for layout and approval of the proposed striping/pavement marking locations.

Summary of Items			
PAVE STRIPING-THERMO-4 IN Y		181	LF
PAVE MARKING-THERMO STOP BAR-24 IN		109	LF
PAVE MARKING-THERMO CROSS-HATCH		15,069	SQ FT
PAVE MARK THERMO-WRONG WAY ARROW		2	EACH
PAVE MARKING-THERMO CURV ARROW		27	EACH
PAVE MARK THERMO CONE CAP-SOLID YELLOW		144	EACH

Proposed Sign Summary for the I-75 Off Ramp to KY 192 (Exit 38)

Laurel County

SIGN LOCATION		MUTCD Code	Sign Description	Sign Text / Remarks	Sign Dimensions (in x in)	SHEETING			SBM Alum Sheet Signs 0.080 IN (SQ FT)	SBM Alum Sheet Signs 0.125 IN (SQ FT)	Installation Type	Bracing Req'd	# of Sign Posts	Estimated Length of 2'-1/2" Post (ft)	Estimated Length of 2'-1/2" Post (ft)	2'-1/4" Stiffener Req'd (includnt to post)	TOTAL Estimated Sign Post Length (LF)	Barcode Sign Inv. (EACH)	Notes
Assembly ID	Side of Road					Text/ Symbol Color	Background Color	Sheeting Type											
S-1	LT	SB-1	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Std w/ Soil Plate		2	16.0			32	0	
		SB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33									1	
S-2	RT	RS-1	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Std w/ Soil Plate		2	16.0			32	0	
		SB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33									1	
		SB	Wrong Way		42 x 30	White	Red	XI	8.75									0	
S-3	LT	RS-1a	Wrong Way		42 x 30	White	Red	XI	1.00		Std w/ Soil Plate		2	17.5			35	0	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI										1	
		NB	Signal Ahead		48 x 48	Red, Green & Black	Yellow	XI	16.00										
		SB	Wrong Way		42 x 30	White	Red	XI	8.75									1	
S-4	RT	RS-1a	Wrong Way		42 x 30	White	Red	XI	1.00		Std w/ Soil Plate		2	17.5			35	0	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI										1	
		NB	Signal Ahead		48 x 48	Red, Green & Black	Yellow	XI	16.00		Std w/ Soil Plate		2	16.0			32	1	
S-5	RT	R3-1	No Right Turn		48 x 48	Red & Black	White	XI	16.00										
		SB	Wrong Way		42 x 30	White	Red	XI	8.75									1	
		SB	Do Not Enter		48 x 48	White	Red	XI	16.00									1	
S-6	LT	RS-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI	16.00		Type D	Yes	2		13.0		26	1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	6.75									1	
		WB	One Way		54 x 18	Black	White	XI	6.75									1	
		EB	One Way		54 x 18	Black	White	XI	6.75									0	
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00									0	
		SB	Wrong Way		42 x 30	White	Red	XI	8.75									1	
		SB	Do Not Enter		48 x 48	White	Red	XI	16.00									1	
S-7	RT	R5-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	6.75		Type D	Yes	2		14.0		28	1	3-foot mounting height to bottom of Wrong Way Sign.
		WB	One Way		54 x 18	Black	White	XI	6.75									1	
		EB	One Way		54 x 18	Black	White	XI	6.75									1	
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00		Type D Surface Mount		2	12.0			24	0	
S-8	RT	R3-2	No Left Turn		48 x 48	Red & Black	White	XI	16.00		Type D Surface Mount		2	12.0			24	1	
S-9	RT	R3-2	No Left Turn		48 x 48	Red & Black	White	XI	16.00									1	
		NB	Wrong Way		42 x 30	White	Red	XI	8.75									1	
		SB	Do Not Enter		48 x 48	White	Red	XI	16.00									1	
S-10	RT	R5-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	16.00		Type D	Yes	2		13.5		27	1	3-foot mounting height to bottom of Wrong Way Sign.
		EB	One Way		54 x 18	Black	White	XI	6.75									1	
		WB	One Way		54 x 18	Black	White	XI	6.75									1	
		NB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00									0	
		NB	Wrong Way		42 x 30	White	Red	XI	8.75									1	
S-11	LT	R5-1a	Wrong Way	Bracing Required	48 x 48	White	Red	XI	16.00		Type D	Yes	2		14.0		28	1	3-foot mounting height to bottom of Wrong Way Sign.
		EB	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	6.75									1	
		WB	One Way		54 x 18	Black	White	XI	6.75									1	
		WB	One Way		54 x 18	Black	White	XI	6.75									0	
		NB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00		Std w/ Soil Plate		2	16.0			32	1	
S-12	RT	R3-1	No Right turn		48 x 48	Red & Black	White	XI	16.00		Std w/ Soil Plate		2	16.0			32	1	
S-13	RT	RS-1a	Wrong Way		42 x 30	White	Red	XI	8.75		Std w/ Soil Plate		2	10.5			21	0	3-foot mounting height to bottom of Wrong Way Sign.
		NB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00									1	
S-14	LT	RS-1a	Wrong Way		42 x 30	White	Red	XI	8.75		Std w/ Soil Plate		2	9.5			19	0	3-foot mounting height to bottom of Wrong Way Sign.
		NB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00									1	
S-15	RT	RS-1	Do Not Enter		48 x 48	White	Red	XI	16.00		Std w/ Soil Plate		2	16.0			32	0	
		NB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33									1	
S-16	LT	RS-1	Do Not Enter		48 x 48	White	Red	XI	16.00		Std w/ Soil Plate		2	16.0			32	0	
		NB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33									1	

Summary of Items		
Steel Post - Type 1	459	LF
GWSS Type D	4	EACH
GWSS Type D (Surface Mount)	2	EACH
Class A Concrete for Signs	1	CU YD

Summary of Items		
SBM Alum Sheet Signs 0.080 INCH	17.33	SQ FT
SBM Alum Sheet Signs 0.125 INCH	348.00	SQ FT
Barcode Sign Inventory	30	EACH
Remove & Relocate Sheet Signs		EACH
Remove & Relocate Sign Assembly		EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking for more details on the process for layout and approval of the sign locations.

REMOVE SIGN SUMMARY
I-75 Off Ramp to KY 192 (Exit 38)

Laurel County

SIGN LOCATION		MUTCD Code	Sign Description	Remove Sign	Remarks
Assembly ID	Side of Road				
S-3	LT	R5-1a	Wrong Way	1	
		W3-3	Signal Ahead	1	
S-4	RT	R5-1a	Wrong Way	1	
		W3-3	Signal Ahead	1	
S-5	RT	R3-1	No Right Turn	1	
S-6	LT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter	1	
S-7	RT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter	1	
S-8	RT	R3-2	No Left Turn	1	
S-9	RT	R3-2	No Left Turn	1	
S-10	RT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter	1	
S-11	LT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-12	RT	R3-1	No Right Turn	1	
EX16	RT	R5-1a	Wrong Way	1	Sign Only
EX17	LT	R5-1a	Wrong Way	1	Sign Only

Summary of Items		
Remove Sign		17
		EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking

Laurel County

Proposed Striping / Pavement Marking Summary for the I-75 Off Ramp to KY 192 (Exit 38)

Approx. Location	Striping / Pavement Marking Description	Comments	Width / Size	Material Type	Color	Quantity		
						EACH	LF	SQ YD
I-75 NB OFF RAMP								
Gore @ Wrong Way Signs @ developed turn lanes @ developed turn lanes	Wrong Way Arrow		12 IN	Thermoplastic	White	2		
	Wrong Way Arrow		12 IN	Thermoplastic	White	2		
	Left Turn Arrow			Thermoplastic	White	3		
	Right Turn Arrow			Thermoplastic	White	6		
I-75 SB OFF RAMP								
Gore Minimum distance of 160' From Turn Arrows Ramp Ramp	Wrong Way Arrow		12 IN	Thermoplastic	White	2		
	Wrong Way Arrow		12 IN	Thermoplastic	White	2		
	Right Turn Arrow	Space 80' from existing turn arrows		Thermoplastic	White	3		
	Left Turn Arrow	Space 80' from existing turn arrows		Thermoplastic	White	6		
KY 192								
KY 192 Median @ NB Off Ramp	Cross-Hatch	12" @ 10' Spacing	12 IN	Thermoplastic	Yellow			2341
KY 192 Median @ NB Off Ramp	Striping		4 IN	Thermoplastic	Yellow		424	
KY 192 Median @ NB Off Ramp	Cone Cap			Thermoplastic	Yellow			183
KY 192 Median @ NB Off Ramp	Marking Removal			Paint	Yellow			183
KY 192								
KY 192 Median @ SB Off Ramp	Cross-Hatch	12" @ 10' Spacing	12 IN	Thermoplastic	Yellow			2826
KY 192 Median @ SB Off Ramp	Striping		4 IN	Thermoplastic	Yellow		484	
KY 192 Median @ SB Off Ramp	Cone Cap			Thermoplastic	Yellow			218
KY 192 Median @ SB Off Ramp	Marking Removal			Paint	Yellow			218

NOTES

See Standard Drawings/Special Detail Sheets for additional information regarding sizing, spacing, dimensions, etc.

See Plans for additional information on locations for proposed striping/pavement markings. Refer to the Special Note for Staking for more details on the process for layout and approval of the proposed striping/pavement marking locations.

Summary of Items			
PAVE STRIPING-THERMO-4 IN Y		908	LF
PAVE MARKING-THERMO CROSS-HATCH		5,167	SQ FT
PAVE MARK THERMO-WRONG WAY ARROW		8	EACH
PAVE MARKING-THERMO CURV ARROW		18	EACH
PAVE MARK THERMO CONE CAP-SOLID YELLOW		401	SQ FT
PAVEMENT MARKING REMOVAL		401	SQ FT

Proposed Sign Summary for the I-75 Off Ramp to KY 80 (Exit 41)

Laurel County

SIGN LOCATION		MUTCD Code	Sign Description	Sign Text / Remarks	Sign Dimensions (in x in)	SHEETING			SBM Alum Sheet Signs 0.080 IN (SQ FT)	SBM Alum Sheet Signs 0.125 IN (SQ FT)	Installation Type	Bracing Req'd	# of Sign Posts	Estimated Length of 2'-1/2" Post (ft)	2'-1/4" Stiffener Req'd (includt to post)	TOTAL Estimated Sign Post Length (LF)	Barcode Sign Inv. (EACH)	Notes
Assembly ID	Side of Road					Text/ Symbol Color	Background Color	Sheeting Type										
S-1	LT	R5-1	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Strd w/ Soil Plate		2	16.0		32	0	
		SB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33								1	
S-2	RT	R5-1	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Strd w/ Soil Plate		2	16.0		32	0	
		SB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33								1	
S-3	LT	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Strd w/ Soil Plate		2	10.5		21	0	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								1	
S-4	RT	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Strd w/ Soil Plate		2	10.5		21	0	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								1	
S-5	RT	R3-1	No Right Turn		48 x 48	Red & Black	White	XI	16.00	16.00	Strd w/ Soil Plate		2	16.0		32	1	
		EB	Bracing Required		42 x 30	White	Red	XI	8.75								1	
S-6	LT	R5-1	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Type D	Yes	2		13.0	26	1	3-foot mounting height to bottom of Wrong Way Sign.
		WB	Bracing Required		54 x 18	Black	White	XI	6.75								1	
		EB	One Way		54 x 18	Black	White	XI	6.75								1	
		R6-1L	One Way		54 x 18	Black	White	XI	6.75								1	
S-7	MD	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Type D Surface Mount	Yes	2		12.0	24	1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		48 x 48	White	Red	XI	16.00	16.00							1	
		WB	Bracing Required		54 x 18	Black	White	XI	6.75								1	
		EB	One Way		54 x 18	Black	White	XI	6.75								1	
		R6-1L	One Way		54 x 18	Black	White	XI	6.75								0	
S-8	MD	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Type D Surface Mount	Yes	2		12.0	24	1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		48 x 48	White	Red	XI	16.00	16.00							1	
		WB	Bracing Required		54 x 18	Black	White	XI	6.75								1	
		EB	One Way		54 x 18	Black	White	XI	6.75								1	
S-9	RT	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Type D	Yes	2		13.0	26	1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		48 x 48	White	Red	XI	16.00	16.00							1	
		WB	Bracing Required		54 x 18	Black	White	XI	6.75								1	
		R6-1L	One Way		54 x 18	Black	White	XI	6.75								0	
S-10	RT	R3-2	No Left Turn		48 x 48	Red & Black	White	XI	16.00	16.00	Type D Surface Mount		2	12.0		24	1	
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								1	
S-11	RT	R3-2	No Left Turn		48 x 48	Red & Black	White	XI	16.00	16.00	Type D Surface Mount		2	12.0		24	1	
		EB	Bracing Required		42 x 30	White	Red	XI	8.75								1	
S-12	RT	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Type D	Yes	2		13.0	26	1	3-foot mounting height to bottom of Wrong Way Sign.
		NB	Bracing Required		48 x 48	White	Red	XI	16.00	16.00							1	
		EB	One Way		54 x 18	Black	White	XI	6.75								1	
		R6-1L	One Way		54 x 18	Black	White	XI	6.75								0	
		WB	Reflective Sign Post Panel		48 x 48	Red & Black	White	XI	16.00	16.00	Strd w/ Soil Plate		2	16.0		32	1	3 foot mounting height to bottom of Wrong Way Sign.
S-13	LT	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Strd w/ Soil Plate		2	10.5		21	0	3-foot mounting height to bottom of Wrong Way Sign.
		NB	Bracing Required		54 x 48	White	Red	XI	16.00	16.00							1	
		EB	Bracing Required		48 x 48	White	Red	XI	8.75								1	
		R6-1L	One Way		54 x 18	Black	White	XI	6.75								1	
		WB	One Way		54 x 18	Black	White	XI	6.75								1	
S-14	RT	R3-1	No Right Turn		48 x 48	n/a	Red	XI	1.00								0	
		WB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								1	
S-15	RT	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Strd w/ Soil Plate		2	10.5		21	0	3 foot mounting height to bottom of Wrong Way Sign.
		NB	Bracing Required		54 x 48	White	Red	XI	16.00	16.00							1	
S-16	LT	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Strd w/ Soil Plate		2	10.5		21	0	3-foot mounting height to bottom of Wrong Way Sign.
		NB	Bracing Required		2 x 36	n/a	Red	XI	1.00								1	
S-17	RT	R5-1	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Strd w/ Soil Plate		2	16.0		32	0	
		NB	Bracing Required		2 x 84	n/a	Red	XI	2.33								1	
S-18	LT	R5-1	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Strd w/ Soil Plate		2	16.0		32	1	
		NB	Bracing Required		2 x 84	n/a	Red	XI	2.33								0	

Summary of Items			
Steel Post - Type 1	476	LF	
GNSS Type D	4	EACH	
GNSS Type D (Surface Mount)	4	EACH	
Class A Concrete for Signs	1	CU YD	

Summary of Items		
SBM Alum Sheet Signs 0.080 INCH	19.33	SQ FT
SBM Alum Sheet Signs 0.125 INCH	392.50	SQ FT
Barcode Sign Inventory	36	EACH
Remove & Relocate Sheet Signs		EACH
Remove & Relocate Sign Assembly		EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking for more details on the process for layout and approval of the sign locations.

REMOVE SIGN SUMMARY
I-75 Off Ramp to KY 80 (Exit 41)

Laurel County

SIGN LOCATION		MUTCD Code	Sign Description	Remove Sign	Remarks
Assembly ID	Side of Road				
S-3	LT	R5-1a	Wrong Way	1	
S-4	RT	R5-1a	Wrong Way	1	
S-5	RT	R3-1	No Right Turn	1	
S-6	LT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter	1	
S-9	RT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-10	RT	R3-2	No Left Turn	1	
S-11	RT	R3-2	No Left Turn	1	
S-12	RT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter	1	
S-15	LT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter	1	
S-16	RT	R3-1	No Right Turn	1	
S-17	RT	R5-1a	Wrong Way	1	
S-18	LT	R5-1a	Wrong Way	1	

Summary of Items		
Remove Sign		15 EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking

Proposed Striping / Pavement Marking Summary for the I-75 Off Ramp to KY 80 (Exit 41)

Laurel County

Approx. Location	Striping / Pavement Marking Description	Comments	Width / Size	Material Type	Color	Quantity		
						EACH	SQ YD	SQ FT
I-75 NB OFF RAMP								
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	2		
80' from existing Turn Arrows	Left Turn Arrow			Thermoplastic	White	2		
80' from existing Turn Arrows	Right Turn Arrow			Thermoplastic	White	2		
I-75 SB OFF RAMP								
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	1		
80' from existing Turn Arrows	Left Turn Arrow			Thermoplastic	White	4		
80' from existing Turn Arrows	Right Turn Arrow	1 restripe (see plan sheet)		Thermoplastic	White	3		
Median @ SB Off Ramp Terminal	Cross-Hatch	Channelizing Island Markings	24 IN	Thermoplastic	White			1166
KY 80								
Existing Median @ NB Off Ramp Terminal	Cross-Hatch	12" @ 10' Spacing	12 IN	Thermoplastic	Yellow			10030
KY 80								
Median @ SB Off Ramp Terminal	Marking Removal	SOLID STRIPED NOSE		Paint	Yellow			189
Median @ SB Off Ramp Terminal	Cross-Hatch	12" @ 10' Spacing	12 IN	Thermoplastic	Yellow			11049
Median @ SB Off Ramp Terminal	Cone Cap			Thermoplastic	Yellow			192
Median @ SB Off Ramp Terminal	Striping		6 IN	Thermoplastic	Yellow		120	
@ SB Off Ramp Terminal	Stopbar	Over Existing	24 IN	Thermoplastic	White		41	

NOTES

See Standard Drawings/Special Detail Sheets for additional information regarding sizing, spacing, dimensions, etc.

See Plans for additional information on locations for proposed striping/pavement markings. Refer to the Special Note for Staking for more details on the process for layout and approval of the proposed striping/pavement marking locations.

Summary of Items			
PAVE STRIPING-THERMO-6 IN Y		120	LF
PAVE MARKING-THERMO STOP BAR-24 IN		41	LF
PAVE MARKING-THERMO CROSS-HATCH		22,245	SQ FT
PAVE MARKING-THERMO CURV ARROW		11	EACH
PAVE MARK THERMO-WRONG WAY ARROW		3	EACH
PAVEMENT MARKING REMOVAL		189	SQ FT
PAVE MARK THERMO CONE CAP-SOLID YELLOW		192	SQ FT

Proposed Sign Summary for the I-75 Off Ramp to KY 909 (Exit 49)

Laurel County

SIGN LOCATION		MUTCD Code	Sign Description	Sign Text / Remarks	Sign Dimensions (in x in)	SHEETING			SBM Alum Sheet Signs 0.080 IN (SQ FT)	SBM Alum Sheet Signs 0.125 IN (SQ FT)	Installation Type	Bracing Req'd	# of Sign Posts	Estimated Length of 2" Post (ft)	Estimated Length of 2-1/2" Post (ft)	2-1/4" Stiffener Req'd (includt to post)	TOTAL Estimated Sign Post Length (LF)	Barcode Sign Inv. (EACH)	Notes
Assembly ID	Side of Road					Text/ Symbol Color	Background Color	Sheeting Type											
S-1	LT	RS-1	Do Not Enter	Mount Behind Existing Exit Sign	48 x 48	White	Red	XI		16.00	On Existing Sign Post(s)							1	
			Reflective Sign Post Panel		2 x 60	n/a	Red	XI	1.67									0	
S-2	RT	RS-1	Do Not Enter		48 x 48	White	Red	XI		16.00	Stnd w/ Soil Plate		2	14.0			28		
			Reflective Sign Post Panel		2 x 60	n/a	Red	XI	1.67									0	
S-3	LT	RS-1a	Wrong Way		42 x 30	White	Red	XI		8.75	Stnd w/ Soil Plate		2	16.0			32		3-foot mounting height to bottom of Wrong Way Sign.
			Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00	16.00								0	
S-4	RT	RS-1a	Wrong Way		48 x 48	White	Yellow	XI		8.75	Stnd w/ Soil Plate		2				32		3-foot mounting height to bottom of Wrong Way Sign.
			Reflective Sign Post Panel		2 x 30	White	Red	XI	1.00									0	
S-5	RT	RS-1	No Right Turn		48 x 48	Red & Black	Yellow	XI		16.00	Stnd w/ Soil Plate		2	14.0			28		
			No Left Turn		48 x 48	Red & Black	White	XI		16.00								1	
S-6	LT	RS-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI		8.75								1	
			Do Not Enter	Bracing Required	48 x 48	White	Red	XI		16.00	Type D	Yes	2		11.5		23		3-foot mounting height to bottom of Wrong Way Sign.
			One Way		54 x 18	Black	White	XI		6.75							1		
			One Way		54 x 18	Black	White	XI		6.75							1		
			Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00									0	
S-7	LT	RS-1	Stop		48 x 48	White	Red	XI		16.00	Stnd w/ Soil Plate		2	14.0			28		
			Wrong Way	Bracing Required	42 x 30	White	Red	XI		8.75								1	
S-8	RT	RS-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI		16.00	Type D	Yes	2		13.0		26		3-foot mounting height to bottom of Wrong Way Sign.
			One Way		54 x 18	Black	White	XI		6.75							1		
			One Way		54 x 18	Black	White	XI		6.75							0		
S-9	RT	RS-1	Stop		48 x 48	White	Red	XI		16.00	Stnd w/ Soil Plate		2	14.0			28		
			Wrong Way	Bracing Required	42 x 30	White	Red	XI		8.75								1	
S-10	RT	RS-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI		16.00	Type D	Yes	2		12.0		24		3-foot mounting height to bottom of Wrong Way Sign.
			One Way		54 x 18	Black	White	XI		6.75							1		
			One Way		54 x 18	Black	White	XI		6.75							1		
S-11	RT	RS-1	Stop		48 x 48	White	Red	XI		16.00	Stnd w/ Soil Plate		2	13.0			26		
			Wrong Way	Bracing Required	42 x 30	White	Red	XI		8.75								1	
S-12	LT	RS-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI		16.00	Type D	Yes	2		13.0		26		3-foot mounting height to bottom of Wrong Way Sign.
			One Way		54 x 18	Black	White	XI		6.75							1		
			One Way		54 x 18	Black	White	XI		6.75							0		
S-13	LT	RS-1	Stop		48 x 48	White	Red	XI		16.00	Stnd w/ Soil Plate		2	14.0			28		
S-14	RT	RS-1	No Right Turn		48 x 48	White	Red	XI		16.00	Stnd w/ Soil Plate		2	14.0			28		
S-15	RT	RS-1a	Wrong Way		42 x 30	White	Red	XI		8.75	Stnd w/ Soil Plate		2	10.5			21		3-foot mounting height to bottom of Wrong Way Sign.
			Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0		
S-16	LT	RS-1a	Wrong Way		42 x 30	White	Red	XI		8.75	Stnd w/ Soil Plate		2	11.0			22		3-foot mounting height to bottom of Wrong Way Sign.
			Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0		
S-17	RT	RS-1	Do Not Enter		48 x 48	White	Red	XI		16.00	Stnd w/ Soil Plate		2	14.0			28		
			Reflective Sign Post Panel		2 x 60	n/a	Red	XI	1.67									0	
S-18	LT	RS-1	Do Not Enter	Mount Behind Existing Exit Sign	48 x 48	White	Red	XI		16.00	On Existing Sign Post(s)							1	
S-19	RT	D1	Custom Destination/Route	I-75 North/Lexington	72 x 44	n/a	Green	XI	1.67		Type D		2		11.0		22		
S-20	RT	D1	Custom Destination/Route	I-75 South/Knoxville	72 x 44	White	Green	XI		22.00	Type D		2		11.0		22		
EX-10	LT	SB	Existing Route Sign Assembly	Remove & Reset							Stnd w/ Soil Plate		1	13.5			13.5		0

Summary of Items			
SBM Alum Sheet Signs 0.080 INCH	14.67	SQ FT	LF
SBM Alum Sheet Signs 0.125 INCH	456.00	SQ FT	EACH
Barcode Sign Inventory	36	EACH	
Remove & Relocate Sheet Signs	0	EACH	
Remove & Relocate Sign Assembly	1	EACH	

Summary of Items			
Steel Post - Type 1	485.5	LF	
GMSS Type D	6	EACH	
GMSS Type D (Surface Mount)	0	EACH	
Class A Concrete for Signs	1.5	CU YD	

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking for more details on the process for layout and approval of the sign locations.

REMOVE SIGN SUMMARY					Laurel County	
I-75 Off Ramp to KY 909 (Exit 49)						
SIGN LOCATION		MUTCD Code	Sign Description	Remove Sign	Remarks	
Assembly ID	Side of Road					
S-3	LT	R5-1a	Wrong Way	1		
		W3-1	Stop Ahead	1		
S-4	RT	R5-1a	Wrong Way	1		
		W3-1	Stop Ahead	1		
S-5	RT	R3-1	No Right Turn	1		
		R3-2	No Left Turn	1		
S-6	LT	R6-1R	One Way	1		
		R6-1L	One Way			
		R5-1	Do Not Enter	1		
S-7	LT	R1-1	Stop	1		
		R6-1R	One Way			
S-8	RT	R6-1L	One Way	1		
		R5-1	Do Not Enter			
S-9	RT	R1-1	Stop	1		
S-10	RT	R6-1R	One Way			
		R6-1L	One Way	1		
		R5-1	Do Not Enter			
S-11	RT	R1-1	Stop	1		
S-12	LT	R6-1R	One Way	1		
		R6-1L	One Way			
		R5-1	Do Not Enter			
S-13	LT	R1-1	Stop	1		
S-14	RT	R3-1	No Right Turn	1		
		R3-2	No Left Turn	1		
S-15	RT	R5-1a	Wrong Way	1		
S-16	LT	R5-1a	Wrong Way	1		
S-19	RT	D1-2	Destination (2 lines)	1		
S-20	RT	D1-1	Destination (1 line)	1		
E-6	RT	M3-1	North			
		M1-1	Interstate Route Sign (2-digit)	1		
		M6-1L	Left Arrow			
E-9	RT	M3-3	South			
		M1-1	Interstate Route Sign (2-digit)	1		
		M6-1L	Left Arrow			

Summary of Items		
	Remove Sign	24
		EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking

Proposed Striping / Pavement Marking Summary for the I-75 Off Ramp to KY 909 (Exit 49)						Laurel	County		
Approx. Location	Striping / Pavement Marking Description	Comments	Width / Size	Material Type	Color	Quantity			
						EACH	LF	SQ YD	SQ FT
I-75 NB OFF RAMP									
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
@ Wrong Way Signs	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
before stop bar	Left Turn Arrow			Thermoplastic	White	1			
before stop bar	Right Turn Arrow			Thermoplastic	White	1			
I-75 SB OFF RAMP									
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
@ Wrong Way Signs	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
before stop bar	Left Turn Arrow			Thermoplastic	White	1			
before stop bar	Right Turn Arrow			Thermoplastic	White	1			
KY 909									
@ NB Off Ramp Terminal	Stopbar	Over Existing	24 IN	Thermoplastic	White		14		
KY 909									
@ SB Off Ramp Terminal	Stopbar	Over Existing	24 IN	Thermoplastic	White		30		

NOTES

See Standard Drawings/Special Detail Sheets for additional information regarding sizing, spacing, dimensions, etc.

See Plans for additional information on locations for proposed striping/pavement markings. Refer to the Special Note for Staking for more details on the process for layout and approval of the proposed striping/pavement marking locations.

Summary of Items			
PAVE MARKING-THERMO STOP BAR-24 IN		44	LF
PAVE MARKING-THERMO CURV ARROW		4	EACH
PAVE MARK THERMO-WRONG WAY ARROW		4	EACH

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-974.00	T1

- 5) CONSTRUCT 516 SQFT. ~ PAVE MARKING-THERMO CROSSHATCH, 196 SQFT. ~ SOLID-STRIPED NOSE & 84 L.F. ~ PAVE STRIPING-THERMO-6 IN Y. (REFER TO TPM-205 FOR GUIDANCE ON, AND DIMENSIONS OF CROSS HATCH)
- 6) CONSTRUCT 61 L.F. ~ PAVE MARKING-THERMO STOP BAR-24IN
- 7) PLACE WRONG WAY ARROW A MINIMUM OF 160' FROM EXISTING TURN ARROWS.
- 8) RESTRIPE EXISTING MEDIAN 13,471 S.F. ~ DIAGONAL THERMO CROSSHATCH
- 9) INSTALL THERMOPLASTIC TURN ARROWS, 2-LEFT, 1-RIGHT

- S1 INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON BACK OF EXISTING GORE SIGN (EX1).
- S2 INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE1 POSTS.
- S3 APPROX. 400' FROM STOPBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S4 REMOVE EXISTING SIGN (1).
- S4 APPROX. 400' FROM STOPBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S5 REMOVE EXISTING SIGN (1).
- S5 APPROX. 50' FROM INTERSECTION, INSTALL R3-1 NO RT TURN SIGN (48"x48") AND R3-2 NO LT TURN SIGN (48"x48") ON 2 TYPE 1 POSTS.
- S6 REMOVE EXISTING SIGNS (2).
- S6 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S7 REMOVE EXISTING R5-1 SIGN (1) & EXISTING R6-1 ASSEMBLY (1)
- S7 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S7 REMOVE EXISTING R5-1 SIGN (1) & EXISTING R6-1 ASSEMBLY (1)

- EX20 DND EXISTING SIGNAL AHEAD SIGN
- EX21 DND EXISTING ROUTE SIGN ASSEMBLY (2)
- EX22 DND EXISTING RECREATION SIGN
- EX23 DND EXISTING DESTINATION/RECREATION SIGN
- EX24 DND EXISTING DESTINATION SIGN
- EX25 DND EXISTING LOGO SIGN
- EX26 DND EXISTING ROUTE SIGN ASSEMBLY (2)
- EX27 DND EXISTING LOGO SIGN
- EX28 DND EXISTING LOGO SIGN
- EX29 DND EXISTING GORE SIGN
- EX30 DND EXISTING LOGO SIGN

WRONG WAY ARROW
(PLACE 160' FROM
EXISTING TURN ARROWS)

WRONG WAY
ARROW

- S8 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S9 REMOVE EXISTING SIGN ASSEMBLY (1).
- S9 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S10 REMOVE EXISTING SIGN ASSEMBLY (1).
- S10 APPROX. 40' FROM INTERSECTION, INSTALL R3-1 NO RT TURN SIGN (48"x48") AND R3-2 NO LT TURN SIGN (48"x48") ON 2 TYPE 1 POSTS.
- S11 REMOVE EXISTING SIGNS (2).
- S11 APPROX. 540' FROM STOP BAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S12 APPROX. 540' FROM STOP BAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S13 APPROX AT GORE SIGN, INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE1 POSTS.
- S14 INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON BACK OF EXISTING GORE SIGN (EX29).

- EX1 DND EXISTING GORE SIGN
- EX2 DND EXISTING LOGO SIGN
- EX3 DND EXISTING LOGO SIGN
- EX4 DND EXISTING SIGNAL AHEAD SIGN
- EX5 DND EXISTING LOGO SIGN
- EX6 DND EXISTING HOSPITAL SIGN
- EX7 DND EXISTING LOGO SIGN
- EX8 DND EXISTING DESTINATION SIGN
- EX9 DND EXISTING DESTINATION SIGN
- EX10 DND EXISTING RECREATION SIGN
- EX11 DND EXISTING ROUTE SIGN ASSEMBLY (2)
- EX12 DND EXISTING DESTINATION SIGN
- EX13 DND EXISTING ROUTE SIGN ASSEMBLY
- EX14 DND EXISTING CLEARANCE WARNING SIGN
- EX15 DND EXISTING DESTINATION SIGN
- EX16 DND EXISTING CLEARANCE WARNING SIGN
- EX17 DND EXISTING ROUTE SIGN ASSEMBLY
- EX18 DND EXISTING DESTINATION SIGN
- EX19 DND EXISTING SPEED LIMIT SIGN

- 1) CONSTRUCT 1,082 SQFT. ~ PAVE MARKING-THERMO CROSSHATCH, 60 SQFT. ~ SOLID-STRIPED NOSE & 97 L.F. ~ PAVE STRIPING-THERMO-6 IN Y. (REFER TO TPM-205 FOR GUIDANCE ON, AND DIMENSIONS OF CROSS HATCH)
- 2) CONSTRUCT 48 L.F. ~ PAVE MARKING-THERMO STOP BAR-24IN
- 3) INSTALL THERMOPLASTIC TURN ARROWS, 3-LEFT, 6-RIGHT (OVER EXISTING)
- 4) INSTALL THERMOPLASTIC TURN ARROWS, 5-LEFT, 10-RIGHT

RED REFLECTIVE SIGN POST PANELS
SHALL BE INSTALLED FACING WRONG
WAY TRAFFIC ON ALL POSTS WITH
"WRONG WAY" OR "DO NOT ENTER" SIGNS.

063-I-0075-11/1/31
I-75 TO US 25E (EXIT 29)
WRONG WAY TREATMENT PLAN SHEET

SCALE: 1"=250'

- ③ EXTEND (40 FT) & RESTRIPE (80 FT) MEDIAN WITH 2,826 SQFT. ~ PAVE MARKING-THERMO CROSSHATCH, 218 SQFT ~ SOLID YELLOW CONE CAP & 484 L.F. ~ PAVE STRIPING-THERMO-4 IN Y. ~ PAVE REMOVE 218 SQFT ~ EXISTING SOLID CAP. (REFER TO TPM-205 FOR GUIDANCE ON, AND DIMENSIONS OF CROSS HATCH)
- ④ INSTALL THERMOPLASTIC TURN ARROWS, 6-LEFT, 3-RIGHT
- ⑤ PLACE WRONG WAY ARROWS A MINIMUM OF 160' FROM TURN ARROWS.

S1 AT GORE, INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE1 POSTS.

S2 AT GORE, INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE1 POSTS.

S3 APPROX. 594' FROM STOPBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") AND W3-3 SIGNAL AHEAD SIGN (42"x30") ON 2 TYPE1 POSTS

S4 REMOVE EXISTING WRONG WAY (1) & SIGNAL AHEAD SIGN (1) APPROX. 594' FROM STOPBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") AND W3-3 SIGNAL AHEAD SIGN (42"x30") ON 2 TYPE1 POSTS

S5 REMOVE EXISTING WRONG WAY (1) & SIGNAL AHEAD SIGN (1) APPROX. 80' FROM INTERSECTION, INSTALL R3-1 NO RT TURN SIGN (48"x48") ON 2 TYPE1 POSTS.

S6 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE1 POSTS.

S7 REMOVE EXISTING SIGN ASSEMBLY (2) AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE1 POSTS

S8 REMOVE EXISTING SIGN ASSEMBLY (2) AT STOPBAR, INSTALL R3-2 NO LT TURN SIGN (48"x48") ON 2 TYPE1 POSTS.

REMOVE EXISTING SIGN (1).

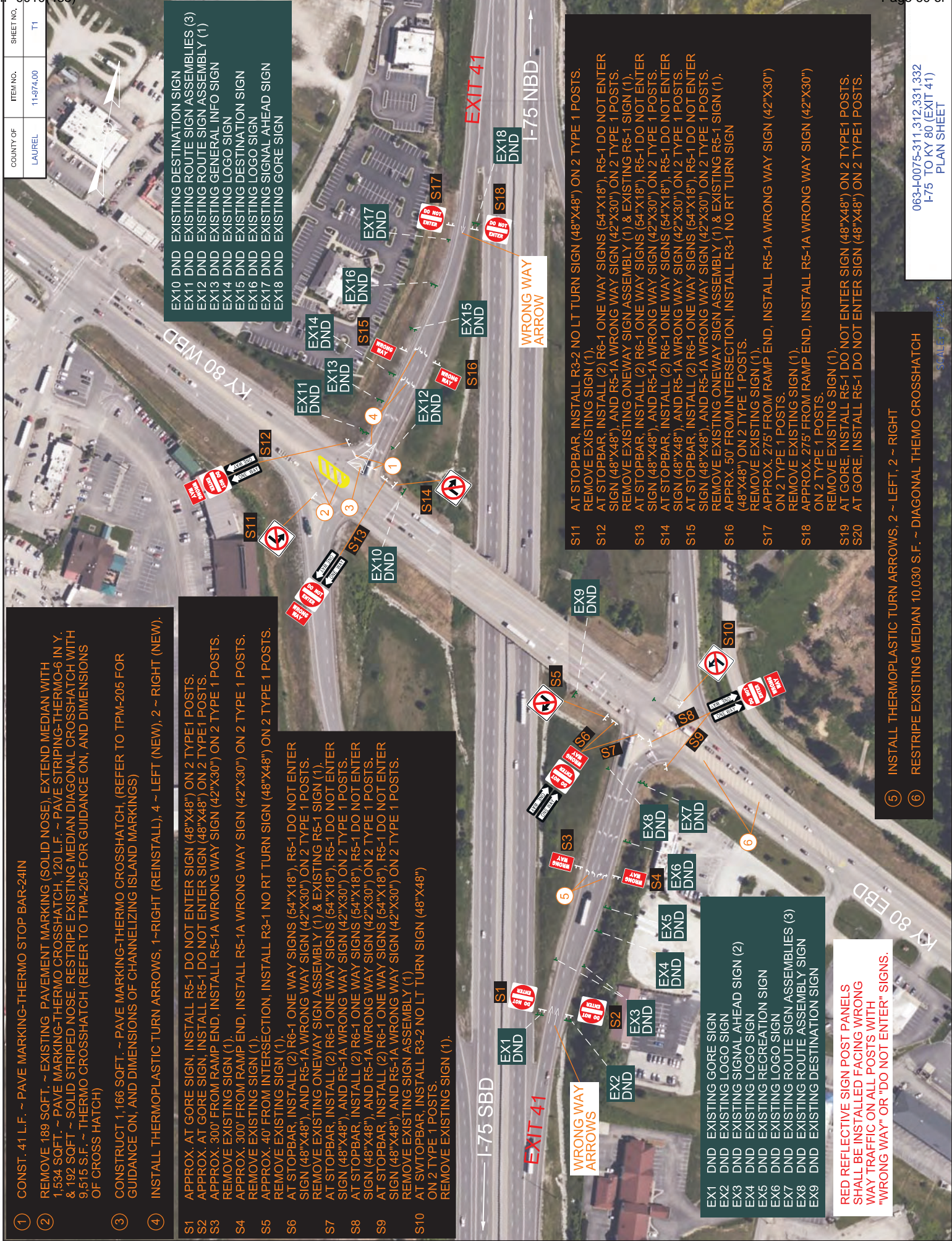
EX16 DND EXISTING ROUTE SIGN ASSEMBLY (2)
REMOVE WRONG WAY SIGN ONLY (1)
EX17 DND EXISTING ROUTE SIGN ASSEMBLY (2)
REMOVE WRONG WAY SIGN ONLY (1)
EX18 DND EXISTING DESTINATION/SERVICES SIGN
EX19 DND EXISTING RECREATION SIGN
EX20 DND EXISTING LOGO SIGN
EX21 DND EXISTING DESTINATION SIGN
EX22 DND EXISTING LOGO SIGN
EX23 DND EXISTING LOGO SIGN
EX24 DND EXISTING SIGNAL AHEAD SIGN (2)
EX25 DND EXISTING LOGO SIGN
EX26 DND EXISTING GORE SIGN

EX1 DND EXISTING LOGO SIGN
EX2 DND EXISTING GORE SIGN
EX3 DND EXISTING LOGO SIGN
EX4 DND EXISTING LOGO SIGN
EX6 DND EXISTING DESTINATION SIGN
EX7 DND EXISTING LOGO SIGN
EX8 DND EXISTING RECREATION SIGN
EX9 DND EXISTING DESTINATION/SERVICES SIGN
EX10 DND EXISTING DESTINATION SIGN
EX11 DND EXISTING DESTINATION SIGN
EX12 DND EXISTING ROUTE SIGN ASSEMBLY
EX13 DND EXISTING ROUTE SIGN ASSEMBLY
EX14 DND EXISTING DESTINATION SIGN
EX15 DND EXISTING ROUTE SIGN ASSEMBLY

- ① EXTEND (30 FT) & RESTRIPE (80 FT) MEDIAN WITH 2,341 SQFT. ~ PAVE MARKING-THERMO CROSSHATCH, 183 SQFT ~ SOLID YELLOW CONE CAP & 424 L.F. ~ PAVE STRIPING-THERMO-4 IN Y. REMOVE 183 SQFT ~ EXISTING SOLID CAP. (REFER TO TPM-205 FOR GUIDANCE ON, AND DIMENSIONS OF CROSS HATCH)
- ② INSTALL THERMOPLASTIC TURN ARROWS, 3-LEFT, 6-RIGHT

RED REFLECTIVE SIGN POST PANELS SHALL BE INSTALLED FACING WRONG WAY TRAFFIC ON ALL POSTS WITH "WRONG WAY" OR "DO NOT ENTER" SIGNS.

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-974.00	T1



063-I-0075-311,312,331,332
I-75 TO KY 80 (EXIT 41)
PLAN SHEET

- ③ CONST. 30 L.F. ~ PAVE MARKING-THERMO STOP BAR-242IN (CONSTRUCT ONLY AS NEEDED, PAVEMENT WAS BEING RESURFACED AT TIME OF INSPECTION).
- ④ INSTALL 1 ~ RIGHT TURN AND 1 ~ LEFT TURN ARROW AT INTERSECTION

[illegible]

BD

5

Le ↑

1

S1

DND

EXIT 49

WRONG WAY
ARROW

ONE WAY

A close-up view of a road intersection. A red octagonal stop sign with the word "STOP" in white is visible. To its left is a white circular yield sign with a red border and the word "YIELD" in red. A yellow road line is visible on the pavement.



1

INSTALL R5-1 DO NOT ENTER SIGN (48"X48") ON BACK
OF EXISTING GORE SIGN

INSTALL R5-1 DO NOT ENTER SIGN (48"X48") ON 2 TYPE 1 POSTS. APPROX. 500' FROM STOPBAR, INSTALL R5-1A WRONG WAY SIGN

(42"x30") & W3-1 STOP AHEAD SIGN (48"x48") ON 2 TYPE 1 POSTS.
REMOVE EXISTING SIGNS (2).
APPROX. 500' FROM STOPPED INSTALL DE 4A WIDENING WAY SIGN

APPROX. 300' FROM STOPBAR, INSIDE ALL R3-1A WRONG WAY SIGN (42"X30") & W3-1 STOP AHEAD SIGN (48"X48") ON 2 TYPE 1 POSTS. REMOVE EXISTING SIGNS (2).

APPROX. 25' FROM INTERSECTION, INSTALL R3-1 NO RT TURN SIGN (48"X48") & R3-2 NO LT TURN SIGN (48"X48") ON 2 TYPE 1 POSTS

REMOVE EXISTING SIGNS (2).
AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGN (54"X18"), R5-1 DO NOT ENTER SIGN (48"X18") AND BE 1 A WRONG WAY SIGN (42"X30") ON 2 TR

REMOVE EXISTING SIGN (1) & EXISTING SIGN ASSEMBLY (1).
AT STOPBAR INSTALL R1-1 STOP SIGN (48"x48") ON 2 TYPE 1

REMOVE EXISTING SIGN (1).
AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGN (54"X18"), R5-1 DO NOT

REMOVE EXISTING SIGN (1) & EXISTING SIGN ASSEMBLY (1),
SIGN (48" X 48") AND R5-1A WRONG WAY SIGN (42" X 30") ON 21
AT STOPBAR INSTALL B1 1 STOP SIGN (18" X 18") ON 2 TYPE 1

REMOVE EXISTING SIGN (1).

EX1	DND	EXISTING GORE SIGN
EX2	DND	EXISTING LOGO SIGN
EX3	DND	EXISTING RECREATION SIGN
EX4	DND	EXISTING DESTINATION SIGN
EX5	DND	EXISTING RECREATION SIGN
EX6	REMOVE	EXISTING ROUTE SIGN ASSEMBLY
EX9	REMOVE	EXISTING ROUTE SIGN ASSEMBLY
EX10	REMOVE	AND RESET EXISTING ROUTE SIGN ASSEMBLY ON TYPE 1 POST
EX11	DND	EXISTING RECREATION SIGN
EX12	DND	EXISTING LOGO SIGN
EX13	DND	EXISTING STOP AHEAD SIGN
EX14	DND	EXISTING DESTINATION SIGN
EX15	DND	EXISTING GORE SIGN

- ① CONST. 14 L.F. ~ PAVE MARKING-THERMO STOP BAR-24IN
- ② INSTALL 1 ~ RIGHT TURN AND 1 ~ LEFT TURN ARROW AT INTERSECTION

063-I-0075-411,412,431,432
I-75 TO KY 909 (EXIT 49)

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-974.00	



SIGN INFORMATION			SIGN LOCATION / SUPPORT			SUPPORT TYPE		
SIGN NUMBER	S-20		ROAD & MILE POINT	KY 909		SUPPORT TYPE	"0"	
QUANTITY	1		TRAFFIC DIRECTION	SBD		TRAFFIC DIRECTION	"0"	
WIDTH	6'-0"		SIDE OF ROAD	RIGHT		TRAFFIC DIRECTION	"0"	
HEIGHT	3'-8"		MOUNTING STYLE	2 - TYPE I POSTS		TRAFFIC DIRECTION	"0"	
AREA (Sq. Ft.)	22.00 Sq.Ft		BEAM MATERIAL			TRAFFIC DIRECTION	"0"	
BORDER WIDTH	1"		BEAM SIZE	2.5" - 12 GA		TRAFFIC DIRECTION	"0"	
BORDER RADIUS	3"		BEAM/POST LENGTH	SEE SUMMARY SHEET		TRAFFIC DIRECTION	"0"	
PANEL COLOR	Green		BEAM/POST LENGTH	SEE SUMMARY SHEET		TRAFFIC DIRECTION	"0"	
LEGEND/BORDER COLOR	White/White		BEAM/POST LENGTH			TRAFFIC DIRECTION	"0"	
STATION(S)	At Exst. D+1 Sign		BEAM/POST LENGTH			TRAFFIC DIRECTION	"0"	
PANEL MATERIAL	Reflective		CONC "a" = 18"			TRAFFIC DIRECTION	"0"	
LEGEND MATERIAL	Reflective		CONC "b" = 3'-6"			TRAFFIC DIRECTION	"0"	

FONT:

(1) ClearviewHwy-5-W



SIGN INFORMATION			SIGN LOCATION / SUPPORT			SUPPORT TYPE		
SIGN NUMBER	S-19		ROAD & MILE POINT	KY 909		SUPPORT TYPE	"0"	
QUANTITY	1		TRAFFIC DIRECTION	NBD		TRAFFIC DIRECTION	"0"	
WIDTH	6'-0"		SIDE OF ROAD	RIGHT		TRAFFIC DIRECTION	"0"	
HEIGHT	3'-8"		MOUNTING STYLE	2 - TYPE I POSTS		TRAFFIC DIRECTION	"0"	
AREA (Sq. Ft.)	22.00 Sq.Ft		BEAM MATERIAL			TRAFFIC DIRECTION	"0"	
BORDER WIDTH	1"		BEAM SIZE	2.5" - 12 GA		TRAFFIC DIRECTION	"0"	
BORDER RADIUS	3"		BEAM/POST LENGTH	SEE SUMMARY SHEET		TRAFFIC DIRECTION	"0"	
PANEL COLOR	Green		BEAM/POST LENGTH	SEE SUMMARY SHEET		TRAFFIC DIRECTION	"0"	
LEGEND/BORDER COLOR	White/White		BEAM/POST LENGTH			TRAFFIC DIRECTION	"0"	
STATION(S)	At Ex. D+2 Sign		BEAM/POST LENGTH			TRAFFIC DIRECTION	"0"	
PANEL MATERIAL	Reflective		CONC "a" = 18"			TRAFFIC DIRECTION	"0"	
LEGEND MATERIAL	Reflective		CONC "b" = 3'-6"			TRAFFIC DIRECTION	"0"	

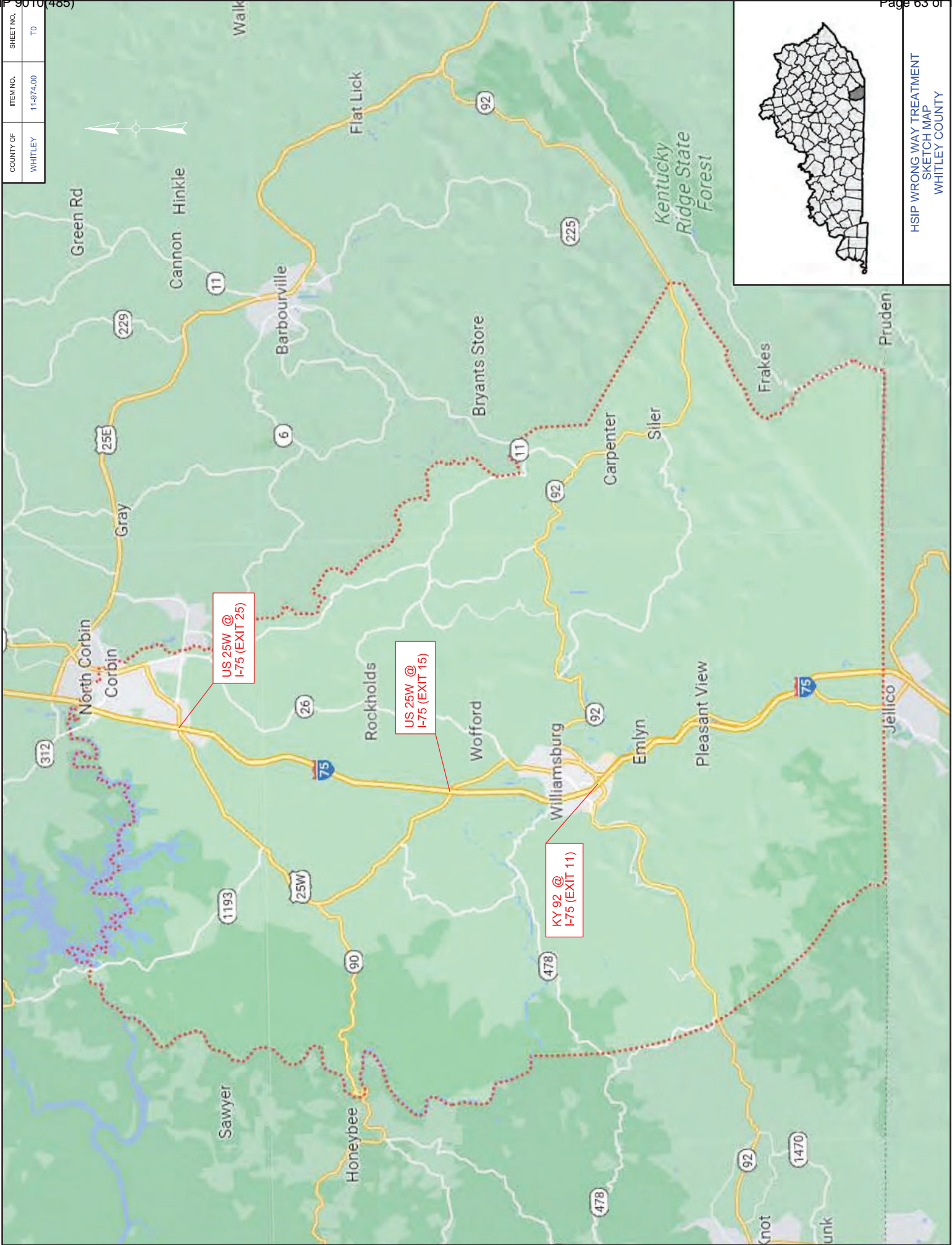
FONT:

(1) ClearviewHwy-5-W

063-I-0075-411.412.431.432
I-75 TO KY 909 (EXIT 49)
SIGNING DETAIL SHEET

NTS

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-974.00	70



HSIP WRONG WAY TREATMENT
SKETCH MAP
WHITLEY COUNTY

Whitley County

Proposed Sign Summary for the I-75 Off Ramp to KY 92 (Exit 11)

SIGN LOCATION		MUTCD Code	Sign Description	Sign Text / Remarks	Sign Dimensions (in x in)	SHEETING		SBM Alum Sheet Signs 0.080 IN (SQ FT)	SBM Alum Sheet Signs 0.125 IN (SQ FT)	Installation Type	Bracing Req'd	# of Sign Posts	Estimated Length of 2" Post (ft)	Estimated Length of 2-1/2" Post (ft)	2-1/4" Stiffener Req'd (includ to post)	TOTAL Estimated Sign Post Length (LF)	Barcode Sign Inv. (EACH)	Notes
Assembly ID	Side of Road					Text/ Symbol Color	Background Color											
S-1	LT	SB	RS-1	Do Not Enter	Mount Behind Existing Exit Sign	48 x 48	White	Red	XI	On Existing Sign Post(s)						1		
		SB	-	Reflective Sign Post Panel		2 x 60	n/a	Red	XI							0		
S-2	RT	SB	RS-1	Do Not Enter		48 x 48	White	Red	XI	Strd w/ Soil Plate	2	2	14.0			28	1	
		SB	-	Reflective Sign Post Panel		2 x 60	n/a	Red	XI							0		
S-3	LT	SB	RS-1a	Wrong Way		42 x 30	White	Red	XI	Strd w/ Soil Plate	2	2	11.0			22	0	3-foot mounting height to bottom of Wrong Way Sign.
		SB	-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI							0		
S-4	RT	SB	RS-1a	Wrong Way		42 x 30	White	Red	XI	Strd w/ Soil Plate	2	2	10.5			21	0	3-foot mounting height to bottom of Wrong Way Sign.
		SB	-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI							0		
S-5	RT	SB	RS-1	No Right Turn		48 x 48	Red & Black	White	XI	Strd w/ Soil Plate	1	1	14.0			14	1	
		SB	RS-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI							1		
S-6	LT	SB	RS-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	Type D	Yes	2	13.0			26	1	3-foot mounting height to bottom of Wrong Way Sign.
		WB	R6-1R	One Way		54 x 18	Black	White	XI							1		
		SB	R6-1L	One Way		54 x 18	Black	White	XI							0		
		SB	-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI							0		
S-7	RT	SB	RS-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI	Type D	Yes	2	12.0			24	1	3-foot mounting height to bottom of Wrong Way Sign.
		WB	R6-1R	Do Not Enter	Bracing Required	48 x 48	White	Red	XI							1		
		SB	R6-1L	One Way		54 x 18	Black	White	XI							0		
		SB	-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI							0		
S-8	LT	SB	RS-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI	Type D	Yes	2	12.0			24	1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI							0		
S-9	RT	SB	RS-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	Type D	Yes	2	13.0			26	1	3-foot mounting height to bottom of Wrong Way Sign.
		WB	R6-1R	One Way		54 x 18	Black	White	XI							1		
S-10	RT	SB	R6-1L	One Way		54 x 18	Black	White	XI	Strd w/ Soil Plate	2	2	14.0			28	1	
		SB	-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI							0		
S-11	RT	SB	RS-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI	Type D	Yes	2	13.0			26	1	3-foot mounting height to bottom of Wrong Way Sign.
		WB	R6-1R	Do Not Enter	Bracing Required	48 x 48	White	Red	XI							1		
S-12	RT	SB	R6-1L	One Way		54 x 18	Black	White	XI	Type D	Yes	2	12.0			24	1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI							0		
S-13	LT	SB	RS-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	Strd w/ Soil Plate	2	2	14.0			28	1	
		WB	R6-1R	One Way		54 x 18	Black	White	XI	Type D	Yes	2	13.0			26	1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	R6-1L	One Way		54 x 18	Black	White	XI							0		
		SB	-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI							0		
S-14	RT	SB	RS-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI	Type D	Yes	2	13.0			26	1	3-foot mounting height to bottom of Wrong Way Sign.
		WB	R6-1R	Do Not Enter	Bracing Required	48 x 48	White	Red	XI							1		
S-15	LT	SB	RS-1	Do Not Enter	Bracing Required	42 x 30	White	Red	XI	Type D	Yes	2	12.0			24	1	3-foot mounting height to bottom of Wrong Way Sign.
		WB	R6-1L	One Way		54 x 18	Black	White	XI							0		
S-16	RT	SB	RS-1	No Right Turn	Bracing Required	48 x 48	White	Red	XI	Type D	Yes	2	13.0			26	1	3-foot mounting height to bottom of Wrong Way Sign.
		WB	R6-1L	One Way		54 x 18	Black	White	XI							1		
S-17	RT	SB	RS-1	Wrong Way	Bracing Required	42 x 30	White	Red	XI	Strd w/ Soil Plate	1	1	14.0			14	1	
		WB	R6-1R	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	Strd w/ Soil Plate	2	2	9.5			19	0	3-foot mounting height to bottom of Wrong Way Sign.
S-18	LT	SB	RS-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI	Strd w/ Soil Plate	2	2	9.5			19	0	3-foot mounting height to bottom of Wrong Way Sign.
		WB	R6-1L	Do Not Enter	Bracing Required	48 x 48	White	Red	XI							0		
S-19	RT	SB	RS-1	Do Not Enter	Bracing Required	42 x 30	White	Red	XI	Strd w/ Soil Plate	2	2	14.0			28	0	
		WB	R6-1L	Do Not Enter	Bracing Required	48 x 48	White	Red	XI							0		
S-20	LT	SB	RS-1	Do Not Enter	Mount Behind Existing Exit Sign	48 x 48	White	Red	XI	On Existing Sign Post(s)						1		
		SB	-	Reflective Sign Post Panel		2 x 60	n/a	Red	XI							0		

Summary of Items			
SBM Alum Sheet Signs 0.080 INCH	18.67	SQ FT	LF
SBM Alum Sheet Signs 0.125 INCH	450.86	SQ FT	EACH
Barcode Sign Inventory	44	EACH	EACH
Remove & Relocate Sheet Signs		EACH	EACH
Remove & Relocate Sign Assembly		EACH	EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking for more details on the process for layout and approval of the sign locations.

Summary of Items			
Steel Post - Type 1	421	LF	
GWSS Type D	8	EACH	
GWSS Type D (Surface Mount)	0	EACH	
Class A Concrete for Signs	2	CU YD	

REMOVE SIGN SUMMARY					Whitley County
I-75 Off Ramp to KY 92 (Exit 11)					
SIGN LOCATION		MUTCD Code	Sign Description	Remove Sign	Remarks
Assembly ID	Side of Road				
S-3	LT	R5-1a	Wrong Way	2	LT. & RT.
S-5	RT	R3-1	No Right Turn	1	
S-6	LT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-7	RT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter	1	
		R5-1	Do Not Enter		
S-8	LT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-10	RT	R1-2	Yield	1	
S-12	RT	R5-1	Do Not Enter	1	
		R1-2	Yield		
S-13	LT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-14	RT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-15	LT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-16	RT	R3-2	No Left Turn	1	
S-17	RT	R5-1a	Wrong Way	2	LT. & RT.
S-18	LT	R5-1a	Wrong Way	1	
EX12	RT	R3-1	No Right Turn	1	No Right Turn Sign only
EX13	RT	R3-1	No Right Turn	1	No Right Turn Sign only

Summary of Items		
Remove Sign		18
		EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking

Whitley County

Proposed Striping / Pavement Marking Summary for the I-75 Off Ramp to KY 92 (Exit 11)

Approx. Location	Striping / Pavement Marking Description	Comments	Width / Size	Material Type	Color	Quantity			
						EACH	LF	SQ YD	SQ FT
I-75 NB OFF RAMP									
Gore @ Wrong Way Signs LT Lanes to KY 92 Westbound RT Lane to KY 92 Eastbound	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
	Left Turn Arrow	(1 restripe at left lane stopbar)		Thermoplastic	White	5			
	Right Turn Arrow			Thermoplastic	White	4			
I-75 SB OFF RAMP									
Gore @ Wrong Way Signs LT Lanes to KY 92 Eastbound RT Lane to KY 92 Westbound	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
	Wrong Way Arrow		12 IN	Thermoplastic	White	1			
	Left Turn Arrow			Thermoplastic	White	2			
	Right Turn Arrow			Thermoplastic	White	3			
KY 92									
EB KY 92 to On Ramp & Off Ramp to EB KY 92	Dotted Lane Extension		6 IN	Dur TY 1	White		492		
EB KY 92 to On Ramp & Off Ramp to EB KY 92	Dotted Lane Extension		6 IN	Dur TY 1	Yellow		311		
@ EB Off Ramp Terminal	Yield Bar		36 IN	Thermoplastic	White			16	
KY 92									
WB KY 92 to On Ramp & Off Ramp to WB KY 92	Dotted Lane Extension		6 IN	Dur TY 1	White		526		
WB KY 92 to On Ramp & Off Ramp to WB KY 92	Dotted Lane Extension		6 IN	Dur TY 1	Yellow		338		
@ EB Off Ramp Terminal	Yield Bar		36 IN	Thermoplastic	White			16	

NOTES

See Standard Drawings/Special Detail Sheets for additional information regarding sizing, spacing, dimensions, etc.

See Plans for additional information on locations for proposed striping/pavement markings. Refer to the Special Note for Staking for more details on the process for layout and approval of the proposed striping/pavement marking locations.

Summary of Items			
PAVE MARKING-THERMO CURV ARROW		14	EACH
PAVE MARK THERMO-WRONG WAY ARROW		4	EACH
PAVE MARK TY 1 TAPE DOTTED LANE EXT		1667	LF
PAVE MARKING-YEILD BAR-36 IN		32	LF

Whitley County

Proposed Sign Summary for the I-75 Off Ramp to US 25W (Exit 15)

SIGN LOCATION		MUTCD Code	Sign Description	Sign Text / Remarks	Sign Dimensions (in x in)	SHEETING			SBM Alum Sheet Signs 0.080 IN (SQ FT)	SBM Alum Sheet Signs 0.125 IN (SQ FT)	Installation Type	Bracing Req'd	# of Sign Posts	Estimated Length of 2'-1/2" Post (ft)	2'-1/4" Stiffener Req'd (includ! to post)	TOTAL Estimated Sign Post Length (LF)	Barcode Sign Inv. (EACH)	Notes
Assembly ID	Side of Road					Text/ Symbol Color	Background Color	Sheeting Type										
S-1	LT	R5-1	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Strnd w/ Soil Plate		2	13.0		26	1	
		-	Reflective Sign Post Panel		2 x 60	n/a	Red	XI	1.67								0	
S-2	RT	R5-1	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Strnd w/ Soil Plate		2	13.0		26	1	
		-	Reflective Sign Post Panel		2 x 60	n/a	Red	XI	1.67								0	
S-3	LT	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Strnd w/ Soil Plate		2	9.5		19	1	3-foot mounting height to bottom of Wrong Way Sign.
		-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
S-4	RT	R5-1a	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Strnd w/ Soil Plate		2	9.5		19	1	3-foot mounting height to bottom of Wrong Way Sign.
		-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
S-5	RT	R3-1	No Right Turn		48 x 48	Red & Black	White	XI	16.00	16.00	Strnd w/ Soil Plate		2	14.0		28	1	
		R5-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI	8.75								1	
S-6	LT	R5-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	16.00		Type D Surface Mount	Yes	2		12.0	24	1	3-foot mounting height to bottom of Wrong Way Sign.
		R6-1L	One Way		54 x 18	Black	White	XI	6.75								1	
S-7	RT	R6-1R	One Way		54 x 18	Black	White	XI	6.75								0	
		-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00		Strnd w/ Soil Plate		2	13.0		20	1	
S-8	RT	R1-2	Yield	Bracing Required	48 x 48 x 48	White	Red	XI	6.93								1	
		R5-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI	8.75								1	
S-9	RT	R5-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	16.00								1	
		R6-1L	One Way	Bracing Required	54 x 18	Black	White	XI	6.75		Type D	Yes	2		13.0	26	1	3-foot mounting height to bottom of Wrong Way Sign.
S-10	RT	R6-1R	One Way		54 x 18	Black	White	XI	6.75								1	
		-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00		Strnd w/ Soil Plate		2	13.0		26	1	
S-11	LT	R3-1	No Right Turn	Bracing Required	48 x 48	Red & Black	White	XI	16.00		Strnd w/ Soil Plate		2				1	
		R5-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI	8.75								1	
S-12	RT	R5-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	16.00		Type D Surface Mount	Yes	2		12.0	24	1	3-foot mounting height to bottom of Wrong Way Sign.
		R6-1R	One Way	Bracing Required	54 x 18	Black	White	XI	6.75								1	
S-13	RT	R5-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	16.00								1	
		-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00		Strnd w/ Soil Plate		2	13.0		26	1	
S-14	LT	R5-1a	Wrong Way	Bracing Required	42 x 30	White	Red	XI	8.75		Strnd w/ Soil Plate		2	9.5		19	1	3-foot mounting height to bottom of Wrong Way Sign.
		-	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
S-15	RT	R5-1	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	16.00		Strnd w/ Soil Plate		2	9.5		19	1	3-foot mounting height to bottom of Wrong Way Sign.
		-	Reflective Sign Post Panel		2 x 60	n/a	Red	XI	1.67								0	
S-16	LT	R5-1	Do Not Enter	Mount Behind Existing Exit Sign	48 x 48	White	Red	XI	16.00		On Existing Sign Post(s)						1	
		-	Reflective Sign Post Panel		2 x 60	n/a	Red	XI	1.67								0	

Summary of Items			
Steel Post - Type 1		352	LF
GWS Type D		2	EACH
GWS Type D (Surface Mount)		2	EACH
Class A Concrete for Signs		0.5	CU YD

Summary of Items	
SBM Alum Sheet Signs 0.080 INCH	14.67
SBM Alum Sheet Signs 0.125 INCH	297.86
Barodee Sign Inventory	28
Remove & Relocate Sheet Signs	
Remove & Relocate Sign Assembly	

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking for more details on the process for layout and approval of the sign locations.

REMOVE SIGN SUMMARY					
I-75 Off Ramp to US 25W (Exit 15)				Whitley County	
SIGN LOCATION		MUTCD Code	Sign Description	Remove Sign	Remarks
Assembly ID	Side of Road				
S-3	LT	R5-1a	Wrong Way	1	
S-4	RT	R5-1a	Wrong Way	1	
S-6	LT	R5-1	Do Not Enter	1	
		R6-1R	One Way		
		R6-1L	One Way		
S-8	RT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-10	RT	R6-1R	One Way	1	
		R6-1L	One Way		
		R5-1	Do Not Enter		
S-11	RT	R1-2	Yield	1	
S-13	RT	R5-1A	Wrong Way	1	
S-14	LT	R5-1A	Wrong Way	1	
EX13	RT	R3-2	No Left Turn	1	US 25W NBD Approach

Summary of Items		
Remove Sign		EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking

Proposed Striping / Pavement Marking Summary for the I-75 Off Ramp to US 25W (Exit15)						Whitley County		
Approx. Location	Striping / Pavement Marking Description	Comments	Width / Size	Material Type	Color	Quantity		
						EACH	LF	SQ YD
I-75 NB OFF RAMP								
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	1		
@ Wrong Way Signs	Wrong Way Arrow		12 IN	Thermoplastic	White	1		
I-75 SB OFF RAMP								
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	1		
@ Wrong Way Signs	Wrong Way Arrow		12 IN	Thermoplastic	White	1		

NOTES

See Standard Drawings/Special Detail Sheets for additional information regarding sizing, spacing, dimensions, etc.

See Plans for additional information on locations for proposed striping/pavement markings. Refer to the Special Note for Staking for more details on the process for layout and approval of the proposed striping/pavement marking locations.

Summary of Items		
PAVE MARK THERMO-WRONG WAY ARROW	4	EACH

Proposed Sign Summary for the I-75 Off Ramp to US 25W (Exit 25)

Whitley County

SIGN LOCATION		MUTCD Code	Sign Description	Sign Text / Remarks	Sign Dimensions (in x in)	SHEETING			SBM Alum Sheet Signs 0.080 IN (SQ FT)	SBM Alum Sheet Signs 0.125 IN (SQ FT)	Installation Type	Bracing Req'd	# of Sign Posts	Estimated Length of 2'-1/2" Post (ft)	2'-1/4" Stiffener Req'd (includng to post)	TOTAL Estimated Sign Post Length (LF)	Barcode Sign Inv. (EACH)	Notes
Assembly ID	Side of Road	Fading Traffic Traveling				Text/ Symbol Color	Background Color	Sheeting Type										
S-1	LT	SB	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Std w/ Soil Plate		2	15.0		30	0	
		SB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33								1	
S-2	RT	SB	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Std w/ Soil Plate		2	16.0		32	1	
		SB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33								0	
S-3	LT	SB	Wrong Way	Mount Behind Existing Exit Sign	42 x 30	White	Red	XI	8.75	8.75							1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
S-4	RT	SB	Wrong Way	Mount Behind Existing Exit Sign	42 x 30	White	Red	XI	8.75	8.75							1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
S-5	RT	SB	No Right Turn		48 x 48	Red & Black	White	XI	16.00	16.00	Std w/ Soil Plate		2	15.0		30	1	
		SB	Wrong Way	Bracing Required	42 x 30	White	Red	XI									1	
S-6	LT	SB	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	16.00	16.00	Type D	Yes	2		12.0	24	1	3-foot mounting height to bottom of Wrong Way Sign.
		NB	One Way	Bracing Required	54 x 18	Black	White	XI	6.75	6.75							1	
		SB	One Way		54 x 18	Black	White	XI									0	
S-7	LT	SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00		Std w/ Soil Plate		2	15.0		30	1	
		NB	Stop		48 x 48	White	Red	XI	16.00	16.00							1	
		SB	Wrong Way	Bracing Required	42 x 30	White	Red	XI	8.75	8.75							1	
S-8	RT	SB	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	16.00	16.00	Type D	Yes	2		12.0	24	1	3-foot mounting height to bottom of Wrong Way Sign.
		NB	One Way		54 x 18	Black	White	XI	6.75	6.75							1	
S-9	RT	SB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00		Std w/ Soil Plate		2	15.0		30	1	
		NB	Stop		48 x 48	White	Red	XI	16.00	16.00							1	
		NB	M3-1 North		24 x 12	Black	White	XI	2.00		Std w/ Soil Plate						1	
S-10	RT	NB	US Route Sign (1 or 2 digit)		24 x 24	Black	White	XI	4.00		Std w/ Soil Plate		1	14.0		27	1	
		NB	Right Arrow		21 x 15	Black	White	XI	2.19								1	
		NB	Hospital		24 x 24	White	Blue	XI	4.00								1	
S-11	RT	NB	No Left Turn		21 x 15	n/a	Red	XI	4.38		Std w/ Soil Plate		1	13.0		32	1	
		NB	Right Arrow		48 x 30	Red & Black	White	XI	16.00	16.00							1	
		NB	Wrong Way	Bracing Required	42 x 30	White	Red	XI	8.75	8.75							1	
S-12	RT	NB	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	16.00	16.00	Type D	Yes	2		12.0	24	1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	One Way		54 x 18	Black	White	XI	6.75	6.75							1	
		NB	One Way		54 x 18	Black	White	XI									0	
		NB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								1	
		NB	Wrong Way	Bracing Required	42 x 30	White	Red	XI	8.75	8.75							1	
S-13	LT	NB	Do Not Enter	Bracing Required	48 x 48	White	Red	XI	16.00	16.00	Type D	Yes	2		12.0	24	1	3-foot mounting height to bottom of Wrong Way Sign.
		SB	One Way		54 x 18	Black	White	XI	6.75	6.75							1	
S-14	RT	NB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00		Std w/ Soil Plate		2	15.0		30	1	
		SB	No Left Turn		48 x 48	Red & Black	White	XI	16.00	16.00							1	
S-15	RT	NB	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Std w/ Soil Plate		2	9.5		19	0	3-foot mounting height to bottom of Wrong Way Sign.
		NB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
S-16	LT	NB	Wrong Way		42 x 30	White	Red	XI	8.75	8.75	Std w/ Soil Plate		2	10.5		21	0	3-foot mounting height to bottom of Wrong Way Sign.
		NB	Reflective Sign Post Panel		2 x 36	n/a	Red	XI	1.00								0	
S-17	RT	NB	Do Not Enter		48 x 48	White	Red	XI	16.00	16.00	Std w/ Soil Plate		2	16.5		33	0	
		NB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33								1	
S-18	LT	NB	Do Not Enter	Mount Behind Existing Exit Sign	48 x 48	White	Red	XI	16.00	16.00	On Existing Sign Post(s)						1	
		NB	Reflective Sign Post Panel		2 x 84	n/a	Red	XI	2.33								0	

Summary of Items			
SBM Alum Sheet Signs 0.080 INCH	33.90	SQ FT	LF
SBM Alum Sheet Signs 0.125 INCH	348.00	SQ FT	EACH
Barcode Sign Inventory	35	EACH	EACH
Remove & Relocate Sheet Signs		EACH	CU YD
Remove & Relocate Sign Assembly		EACH	

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking for more details on the process for layout and approval of the sign locations.

Summary of Items			
Steel Post - Type 1	410	LF	
GNSS Type D	4	EACH	
GNSS Type D (Surface Mount)	0	EACH	
Class A Concrete for Signs	1	CU YD	

REMOVE SIGN SUMMARY					
I-75 Off Ramp to US 25W (Exit 25)				Whitley County	
SIGN LOCATION		MUTCD Code	Sign Description	Remove Sign	Remarks
S-3	Side of Road				
	LT	R5-1a	Wrong Way	1	
S-5	RT	R3-1	No Right Turn	1	
	LT	R1-1	Stop		
S-6	RT	R5-1	Do Not Enter	1	
	LT	R6-1R	One Way		
S-8	RT	R6-1L	One Way	1	
		R5-1	Do Not Enter		
		R3-1	No Right Turn		
		R3-2	No Left Turn		
S-9	RT	R1-1	Stop	1	
		M3-1	North		
S-10	RT	M1-4	US Route Sign (1 or 2 digit)	1	
		M6-1R	Right Arrow		
		D9-2	Hospital		
		M6-1R	Right Arrow		
S-11	RT	R3-2	No Left Turn	1	
S-14	RT	R3-1	No Right Turn	1	
		R3-2	No Left Turn	1	
EX17	RT	R6-1R	One Way	1	Remove Single Post & signs, DND Route Assembly
		R6-1L	One Way		
		R5-1	Do Not Enter		
EX18	LT	R6-1R	One Way	1	Remove Single Post & signs, DND Route Assembly
		R6-1L	One Way		
		R5-1	Do Not Enter		
EX19	RT	R5-1a	Wrong Way	1	Sign Only
EX20	LT	R5-1a	Wrong Way	1	Sign Only

Summary of Items		
Remove Sign		14 EACH

See Plans for Approximate Sign Locations. Refer to the Special Note for Staking for more details on the process for layout and approval of the sign locations.

Proposed Striping / Pavement Marking Summary for the I-75 Off Ramp to US 25W (Exit 25)					Whitley County			
Approx. Location	Striping / Pavement Marking Description	Comments	Width / Size	Material Type	Color	Quantity		
						EACH	LF	SQ YD
I-75 NB OFF RAMP								
Gore	Wrong Way Arrow		12 IN	Dur TY 1	White	1		
Existing Yellow Striping on Concrete Surface	Striping Removal		6 IN	Thermoplastic	Yellow		1236.0	
Existing White Striping on Concrete Surface	Striping Removal		6 IN	Thermoplastic	White		1244.0	
Existing Island Outline	Striping Removal		12 IN	Thermoplastic	White		243.0	
Existing Stop Bars	Striping Removal		24 IN	Thermoplastic	White			64
Existing Curve Arrows	Striping Removal			Thermoplastic	White	8		
Inside EOP on Concrete Surface	Striping		6 IN	Dur TY 1	Yellow		1236.0	
Outside EOP on Concrete Surface	Striping		6 IN	Dur TY 1	White		1244.0	
Match Existing Island	Striping		12 IN	Dur TY 1	White		243.0	
Match Existing Stop Bars	Striping		24 IN	Dur TY 1	White		32.0	
Developed Lane Lines	Left Turn Arrow	Spaced 80'		Dur TY 1	White	11		
Developed Lane Lines	Right Turn Arrow	Spaced 80'		Dur TY 1	White	11		
I-75 SB OFF RAMP								
Gore	Wrong Way Arrow		12 IN	Thermoplastic	White	1		
Existing Yellow Striping on Concrete Surface	Striping Removal		6 IN	Thermoplastic	Yellow		1040.0	
Existing White Striping on Concrete Surface	Striping Removal		6 IN	Thermoplastic	White		1091.0	
Existing Island Outline	Striping Removal		12 IN	Thermoplastic	White		94.0	
Existing Stop Bars	Striping Removal		24 IN	Thermoplastic	White			80
Existing Curve Arrows	Striping Removal			Thermoplastic	White	15		
Inside EOP on Concrete Surface	Striping		6 IN	Dur TY 1	Yellow		1040.0	
Outside EOP on Concrete Surface	Striping		6 IN	Dur TY 1	White		1091.0	
Match Existing Island	Striping		12 IN	Dur TY 1	White		94.0	
Match Existing Stop Bars	Striping		24 IN	Dur TY 1	White		40.0	
Developed Lane Lines	Left Turn Arrow	Spaced 80'		Dur TY 1	White	28		
Developed Lane Lines	Right Turn Arrow	Spaced 80'		Dur TY 1	White	14		
US 25W								
@ NB Off Ramp Terminal	Marking Removal		6 IN	Thermoplastic	Yellow			77
@ NB Off Ramp Terminal	Cross-Hatch	12" @ 10' Spacing	12 IN	Thermoplastic	Yellow			245
@ NB Off Ramp Terminal	Striping		6 IN	Thermoplastic	Yellow		80	
@ NB Off Ramp Terminal	Cone Cap		-	Thermoplastic	Yellow			77
US 25W								
@ SB Off Ramp Terminal	Marking Removal		6 IN	Thermoplastic	Yellow			82
@ SB Off Ramp Terminal	Cross-Hatch	12" @ 10' Spacing	12 IN	Thermoplastic	Yellow			605
@ SB Off Ramp Terminal	Striping		6 IN	Thermoplastic	Yellow		94	
@ SB Off Ramp Terminal	Cone Cap		-	Thermoplastic	Yellow			82

NOTES

See Standard Drawings/Special Detail Sheets for additional information regarding sizing, spacing, dimensions, etc.

See Plans for additional information on locations for proposed striping/pavement markings- Refer to the Special Note for Staking for more details on the process for layout and approval of the proposed striping/pavement marking locations.

Summary of Items			
PAVE STRIPING-THERMO-6 IN Y	174	LF	
PAVE MARKING-THERMO CROSS-HATCH	850	SQ FT	
PAVE MARK THERMO-WRONG WAY ARROW	1	EACH	
PAVE MARK THERMO CONE CAP-SOLID YELLOW	159	SQ FT	
REMOVE THERMOPLASTIC ARROWS	23	EACH	
PAVE STRIPING-DUR TY 1-6 IN W	2335	LF	
PAVE STRIPING-DUR TY 1-6 IN Y	2276	LF	
PAVE STRIPING-DUR TY 1-12 IN W	337	LF	
PAVE MARK TY 1 TAPE STOP BAR-24 IN	72	LF	
PAVE MARK TY 1 TAPE-CURV ARROW	64	EACH	
PAVE MARK TY 1 TAPE-WRONG WAY ARROW	1	EACH	
PAVE STRIPING REMOVAL-6 IN	4611	LF	
PAVE STRIPING REMOVAL-12 IN	337	LF	
PAVEMENT MARKING REMOVAL	303	SQ FT	

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-974.00	T1

- S1 INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON BACK OF EXISTING GORE SIGN (EX1).
- S2 BEHIND EX2, INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE 1 POSTS.
- S3 APPROX. 475' FROM RAMP END, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S4 REMOVE EXISTING WRONG WAY SIGNS (2).
- S5 APPROX. 475' FROM RAMP END, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S6 ON ISLAND, INSTALL R3-1 NO RT TURN SIGN (48"x48") ON 2 TYPE 1 POSTS.
- S7 REMOVE EXISTING SIGN (1).
- S8 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S9 REMOVE EXISTING SIGN ASSEMBLY (1).
- S10 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S11 AT YIELDBAR, INSTALL R1-2 YIELD SIGN (48"x48") ON 2 TYPE1 POSTS.
- S12 REMOVE EXISTING SIGN ASSEMBLY (1).

- 6 INSTALL THERMOPLASTIC TURN ARROWS, 3-RIGHT, 2-LEFT EXISTING GORE SIGN (EX1).
- 7 CONST. 16 L.F. ~ PAVE MARKING-THERMO YIELD BAR-36 IN

KY 92 WBD

- EX14 DND EXISTING ROUTE SIGN ASSEMBLY (2)
- EX15 DND EXISTING LOGO SIGN
- EX16 DND EXISTING LOGO SIGN
- EX17 DND EXISTING ROUTE SIGN ASSEMBLY
- EX18 DND EXISTING LOGO SIGN
- EX19 DND EXISTING DESTINATION SIGN
- EX20 DND EXISTING LOGO SIGN
- EX21 DND EXISTING DESTINATION SIGN
- EX22 DND EXISTING GORE SIGN

EXIT 11

I-75 SBD

- EX1 DND
- EX2 DND
- EX3 DND
- EX4 DND
- EX5 DND
- EX6 DND
- EX7 DND
- EX8 DND
- EX9 DND
- EX10 DND
- EX11 DND
- EX12 DND
- EX13 DND

- EX1 DND EXISTING GORE SIGN
- EX2 DND EXISTING ROUTE SIGN ASSEMBLY (2)
- EX3 DND EXISTING LOGO SIGN
- EX4 DND EXISTING RECREATION/DESTINATION SIGN
- EX5 DND EXISTING LOGO SIGN
- EX6 DND EXISTING LOGO SIGN
- EX7 DND EXISTING DESTINATION SIGN
- EX8 DND EXISTING RECREATION SIGN
- EX9 DND EXISTING ROUTE SIGN ASSEMBLY
- EX10 DND EXISTING LOGO SIGN
- EX11 DND EXISTING ROUTE SIGN ASSEMBLY
- EX12 DND EXISTING ROUTE SIGN ASSEMBLY
- EX13 DND EXISTING ROUTE SIGN ASSEMBLY
- REMOVE NO RIGHT TURN SIGN ONLY (1)
- REMOVE NO RIGHT TURN SIGN ONLY (1)

- 1 CONST. 16 L.F. ~ PAVE MARKING-THERMO YIELD BAR-36 IN
- 2 INSTALL THERMOPLASTIC TURN ARROWS, 4~ RIGHT, 4-LEFT
- 3 REAPPLY THERMOPLASTIC TURN ARROW, 1-LEFT
- 4 RESTRIPE 4 WHITE-DOTTED LANE EXTENSION LINES ~ 1,018 L.F. TYPE 1 TAPE
- 5 INSTALL 4 YELLOW-DOTTED LANE EXTENSION LINES ~ 649 L.F. TYPE 1 TAPE

I-75 NBD

- S11 AT YIELDBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S12 AT YIELDBAR, INSTALL R1-2 YIELD SIGN (48"x48") ON 2 TYPE 1 POSTS.
- S13 AT YIELDBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S14 REMOVE EXISTING SIGN ASSEMBLY (1).
- S15 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S16 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S17 REMOVE EXISTING SIGN ASSEMBLY (1).
- S18 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
- S19 ON ISLAND, INSTALL R3-1 NO RT TURN SIGN (48"x48") ON 2 TYPE 1 POSTS.
- S20 REMOVE EXISTING SIGN (1).

RED REFLECTIVE SIGN POST PANELS SHALL BE INSTALLED FACING WRONG WAY TRAFFIC ON ALL POSTS WITH "WRONG WAY" OR "DO NOT ENTER" SIGNS.

118-I-0075-11/112/131/132
I-75 TO KY 92 (EXIT 11)
WRONG WAY TREATMENT PLAN SHEET

ST 450'-1"-250'

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-974.00	T1



S1 APPROX. AT GORE SIGN, INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE 1 POSTS.
S2 APPROX. AT GORE SIGN, INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE 1 POSTS.
S3 APPROX. 500' FROM YIELDBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S4 APPROX. 500' FROM YIELDBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S5 ON SHOULDER, INSTALL R3-1 NO RT TURN SIGN (48"x48") ON 2 TYPE 1 POSTS
S6 AT YIELDBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S7 REMOVE EXISTING SIGN ASSEMBLY (1)
S8 AT YIELDBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
REMOVE EXISTING SIGN ASSEMBLY (1)

EX7 DND EXISTING WARNING SIGN
EX8 DND EXISTING ROUTE ASSEMBLY SIGN
EX9 DND EXISTING DESTINATION SIGN
EX10 DND EXISTING LOGO SIGN
EX11 DND EXISTING LOGO SIGN
EX12 DND EXISTING GORE SIGN
EX13 REMOVE EXISTING NO LEFT TURN SIGN

UNDER CONSTRUCTION
COORDINATE W/ EXISTING
SIGNING PLANS

UNDER CONSTRUCTION
COORDINATE W/ EXISTING
SIGNING PLANS

EX1 DND EXISTING GORE SIGN
EX2 DND EXISTING LOGO SIGN
EX3 DND EXISTING STOP AHEAD SIGN
EX4 DND EXISTING GUIDE SIGN
EX5 DND EXISTING DESTINATION SIGN
EX6 DND EXISTING ROUTE ASSEMBLY SIGN

RED REFLECTIVE SIGN POST PANELS
SHALL BE INSTALLED FACING WRONG
WAY TRAFFIC ON ALL POSTS WITH
"WRONG WAY" OR "DO NOT ENTER" SIGNS.

S9 ON SHOULDER, INSTALL R3-1 NO RT TURN SIGN (48"x48") ON 2 TYPE 1 POSTS.
S10 AT YIELDBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S11 REMOVE EXISTING SIGN ASSEMBLY.
S12 AT YIELDBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48") AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S13 REMOVE EXISTING SIGN ASSEMBLY.
S14 AT YIELDBAR, INSTALL R1-2 YIELD SIGN (48"x48"x48") ON 2 TYPE 1 POSTS.
S15 APPROX. 500' FROM YIELDBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S16 REMOVE EXISTING SIGN (1).
S17 APPROX. 500' FROM YIELDBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S18 REMOVE EXISTING SIGN (1).
S19 APPROX. AT GORE SIGN, INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE 1 POSTS.
S20 INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON BACK OF EXISTING GORE SIGN (EX12).

118-I-0075-211/212/231/232
I-75 TO US 25W (EXIT 15)
WRONG WAY TREATMENT PLAN SHEET

SCALE: 1"=250'

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-974.00	T1

INSTALL TYPE 1 DURABLE TAPE
1040 L.F. ~ 6 IN YELLOW LANE LINE
1091 L.F. ~ 6 IN WHITE LANE LINE
94 L.F. ~ 12 IN ISLAND LINE
40 L.F. ~ STOP BAR-24IN
42 ~ CURV ARROWS (28 LT & 14 RT)

4 REMOVE ALL STRIPING ON CONCRETE:
2131 L.F. ~ LANE LINES
94 L.F. ~ 12 IN ISLAND
40 L.F. ~ 24 IN STOP BAR
15 ~ CURVE ARROWS

3 REMOVE 82 SQFT. ~ EXISTING PAVEMENT MARKING, CONSTRUCT 605 SQFT. ~ PAVE MARKING-THERMO CROSS HATCH, 94 L.F. ~ PAVE STRIPING-THERMO-6 IN Y. & 82 SQFT ~ THERMO CONE CAP-SOLID YELLOW (REFER TO TPM-205 FOR GUIDANCE ON, AND DIMENSIONS OF CROSS HATCH)

S12 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48"), AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S13 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48"), AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S14 APPROX. 30' FROM INTERSECTION, INSTALL R3-1 NO RT. TURN SIGN & R3-2 NO LT TURN SIGN (48"x48") ON 2 TYPE 1 POSTS.
S15 REMOVE EXISTING NO RT. TURN SIGN (1).
S16 APPROX. 525' FROM STOPBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S17 APPROX. 525' FROM STOPBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S18 APPROX. AT EXISTING GORE SIGN, INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE 1 POSTS.
S19 INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON BACK OF EXISTING GORE SIGN (EX27).

S1 AT GORE, INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE1 POSTS.
S2 AT GORE, INSTALL R5-1 DO NOT ENTER SIGN (48"x48") ON 2 TYPE1 POSTS.
S3 APPROX. 565' FROM STOPBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON BACK OF EXISTING WARNING SIGN.
S4 REMOVE EXISTING WRONG WAY SIGN (1).
S5 APPROX. 565' FROM STOPBAR, INSTALL R5-1A WRONG WAY SIGN (42"x30") ON BACK OF EXISTING WARNING SIGN.
S6 APPROX. 40' FROM INTERSECTION, INSTALL R3-1 NO RT. TURN SIGN (48"x48") ON 2 TYPE 1 POSTS.
S7 REMOVE EXISTING NO RT. TURN SIGN (1).
S8 AT STOPBAR, INSTALL (2) R6-1 ONE WAY SIGNS (54"x18"), R5-1 DO NOT ENTER SIGN (48"x48"), AND R5-1A WRONG WAY SIGN (42"x30") ON 2 TYPE 1 POSTS.
S9 REMOVE EXISTING SIGN ASSEMBLY (1).
S10 AT STOPBAR, INSTALL R1-1 STOP SIGN (48"x48") ON 2 TYPE 1 POSTS.
S11 AT STOPBAR INSTALL M3-1 NORTH SIGN (24"x12"), M1-4 US ROUTE SIGN (30"x24"), AND M6-1R DIRECTIONAL ARROW (21"x15") ON SINGLE TYPE 1 POST. INSTALL D9-2 HOSPITAL SIGN (24"x24") AND M6-1R DIRECTIONAL ARROW (21"x15") ON SINGLE TYPE 1 POST.
S12 REMOVE EXISTING SIGN ASSEMBLY (1).
S13 REMOVE EXISTING SIGN ASSEMBLY (2).
S14 AT SHOULDER/ISLAND, INSTALL AT STOPBAR, INSTALL R3-2 NO LT TURN SIGN (48"x48") ON 2 TYPE 1 POSTS.
S15 REMOVE EXISTING SIGN.



EX17 DND EXISTING ROUTE SIGN ASSEMBLY
EX18 DND EXISTING ROUTE SIGN ASSEMBLY
EX19 DND EXISTING RECREATION/DESTINATION SIGN
EX20 DND EXISTING HOSPITAL SIGN ASSEMBLY
EX21 DND EXISTING WRONG WAY SIGN ONLY
EX22 DND EXISTING RECREATION SIGN
EX23 DND EXISTING LOGO SIGN
EX24 DND EXISTING SIGNAL AHEAD SIGN (2)
EX25 DND EXISTING LOGO SIGN
EX26 DND EXISTING LOGO SIGN
EX27 DND EXISTING GORE SIGN

NOTE: * COUNTS AS ONE ASSEMBLY REMOVAL
2 REMOVE 77 SQFT. ~ EXISTING PAVEMENT MARKING, CONSTRUCT 245 SQFT. ~ PAVE MARKING-THERMO CROSS HATCH, 80 L.F. ~ PAVE STRIPING-THERMO-6 IN Y. & 77 SQFT ~ THERMO CONE CAP-SOLID YELLOW (REFER TO TPM-205 FOR GUIDANCE ON, AND DIMENSIONS OF CROSS HATCH)

1 REMOVE ALL STRIPING ON CONCRETE:
2480 L.F. ~ LANE LINES
243 L.F. ~ 12 IN ISLAND
32 L.F. ~ 24 IN STOP BAR
8 ~ CURVE ARROWS

INSTALL TYPE 1 DURABLE TAPE
1236 L.F. ~ 6 IN YELLOW LANE LINE
1244 L.F. ~ 6 IN WHITE LANE LINE
243 L.F. ~ 12 IN ISLAND LINE
32 L.F. ~ STOP BAR-24IN
22 ~ CURV ARROWS (11 LT & 11 RT)

118-I-0075-311/312/331/332
I-75 TO US 25W (EXIT 25)
WRONG WAY TREATMENTS PLAN SHEET
SCALE: 1"=250'

COUNTY OF	ITEM NO.

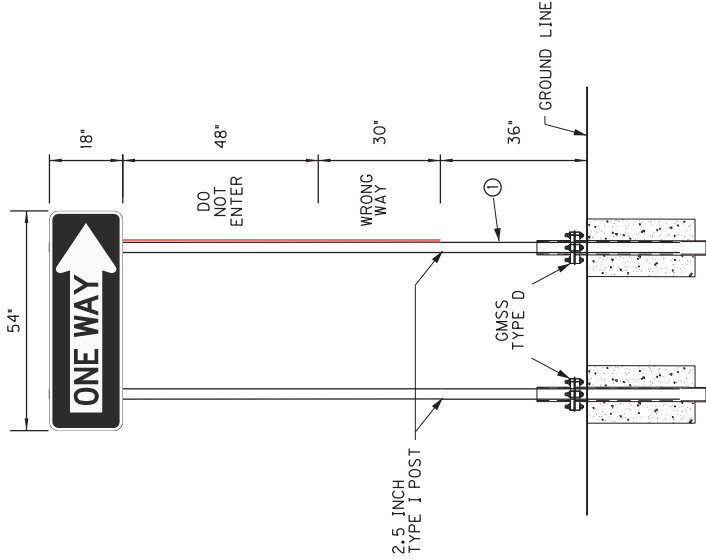
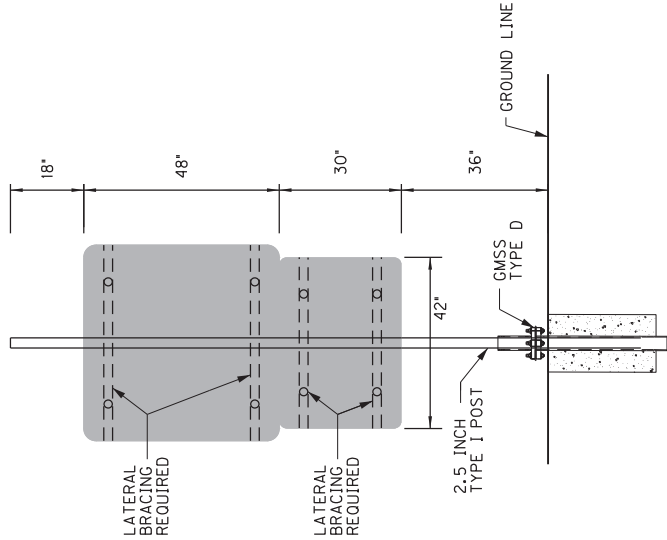
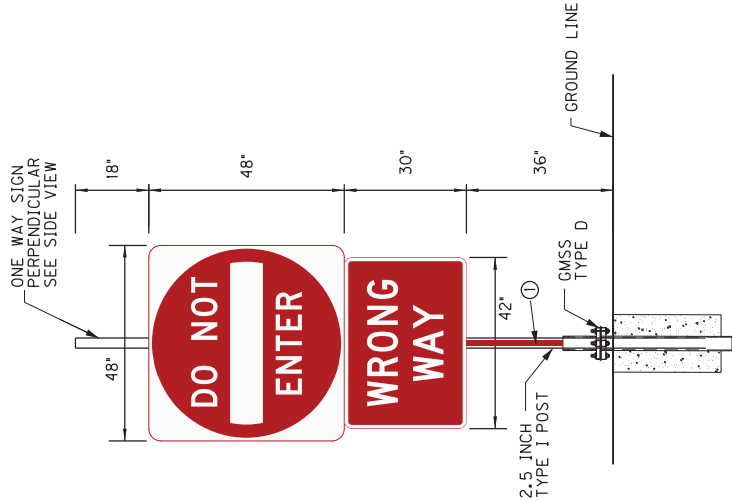
ONE WAY SIGNS SHALL
BE DOUBLE SIDED.
INSTALL ADDITIONAL
ONE WAY SIGN ON BACK.



FRONT VIEW

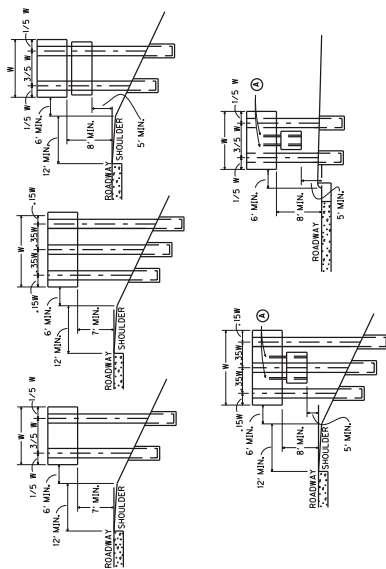
BACK VIEW

SIDE VIEW



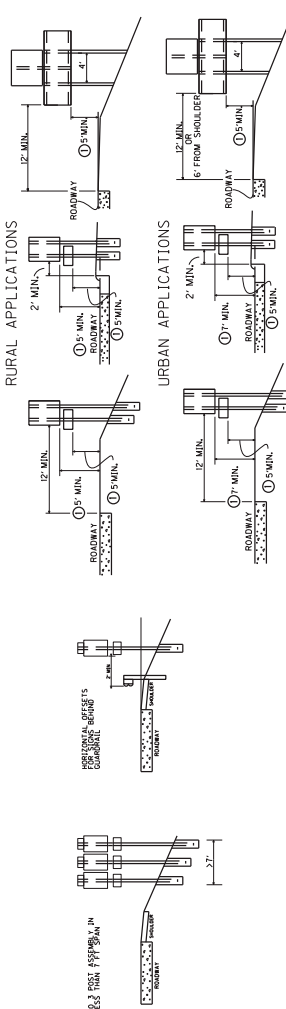
① INSTALL RED REFLECTIVE SIGN POST PANEL ON SIGN POST SO THAT IT IS VISIBLE TO THE INTENDED DRIVER.

PANEL SIGNS



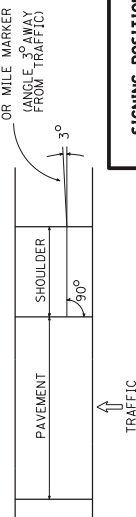
④ ATTACHMENT OF SECONDARY SIGN TO MAJOR SIGN IS TO BE MADE WITH TWO (2) 3" X 3" X $\frac{3}{4}$ " ANGLES OF SUFFICIENT LENGTH TO EXTEND FROM THE LOWER EDGE OF THE SECONDARY SIGN TO AT LEAST THREE FEET UP THE BACK OF THE MAJOR SIGN. A MINIMUM OF ONE POST SHALL BE USED IN ATTACHING EXPOSITIONS TO EACH ANGLE.

SHEETING SIGNS



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

① NOT TO EXCEED 8' IN URBAN AREAS AND 6' IN RURAL AREAS UNLESS SPECIFIED BY THE ENGINEER

[illegible]

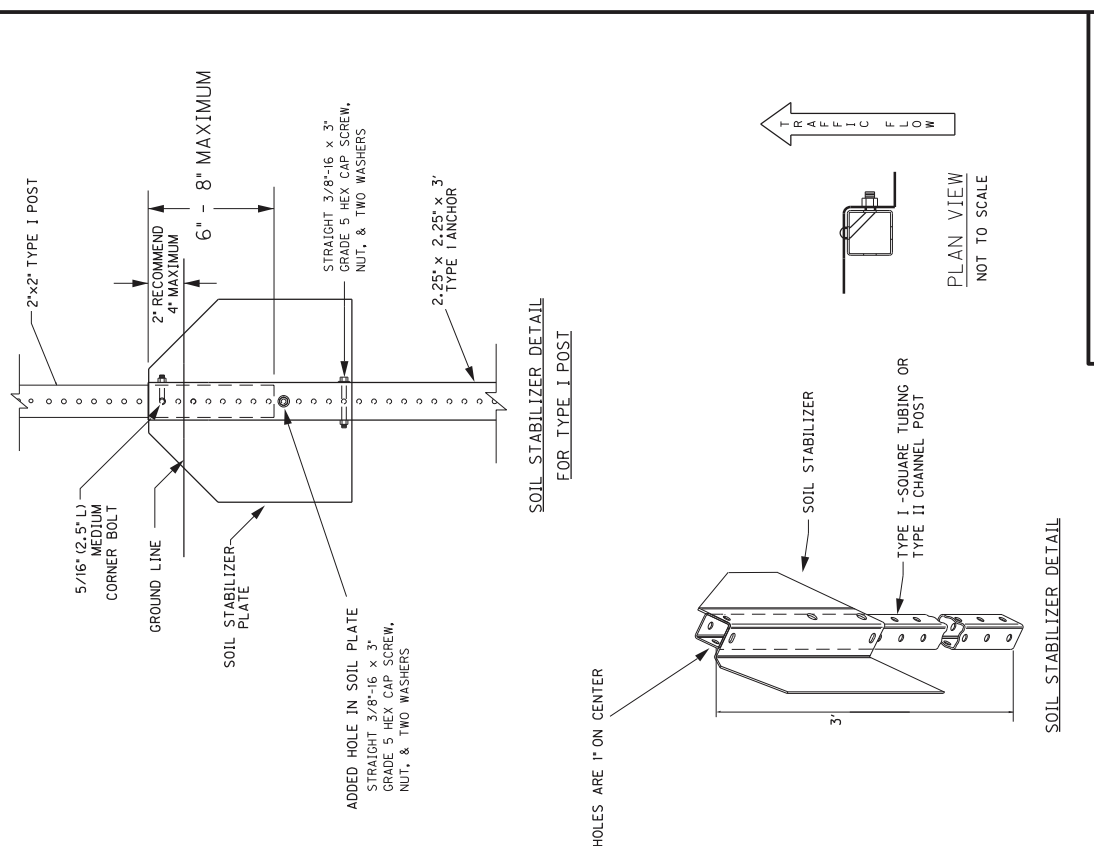
OR MILE MARKER
(ANGLE 3° AWAY
FROM TRAFFIC)

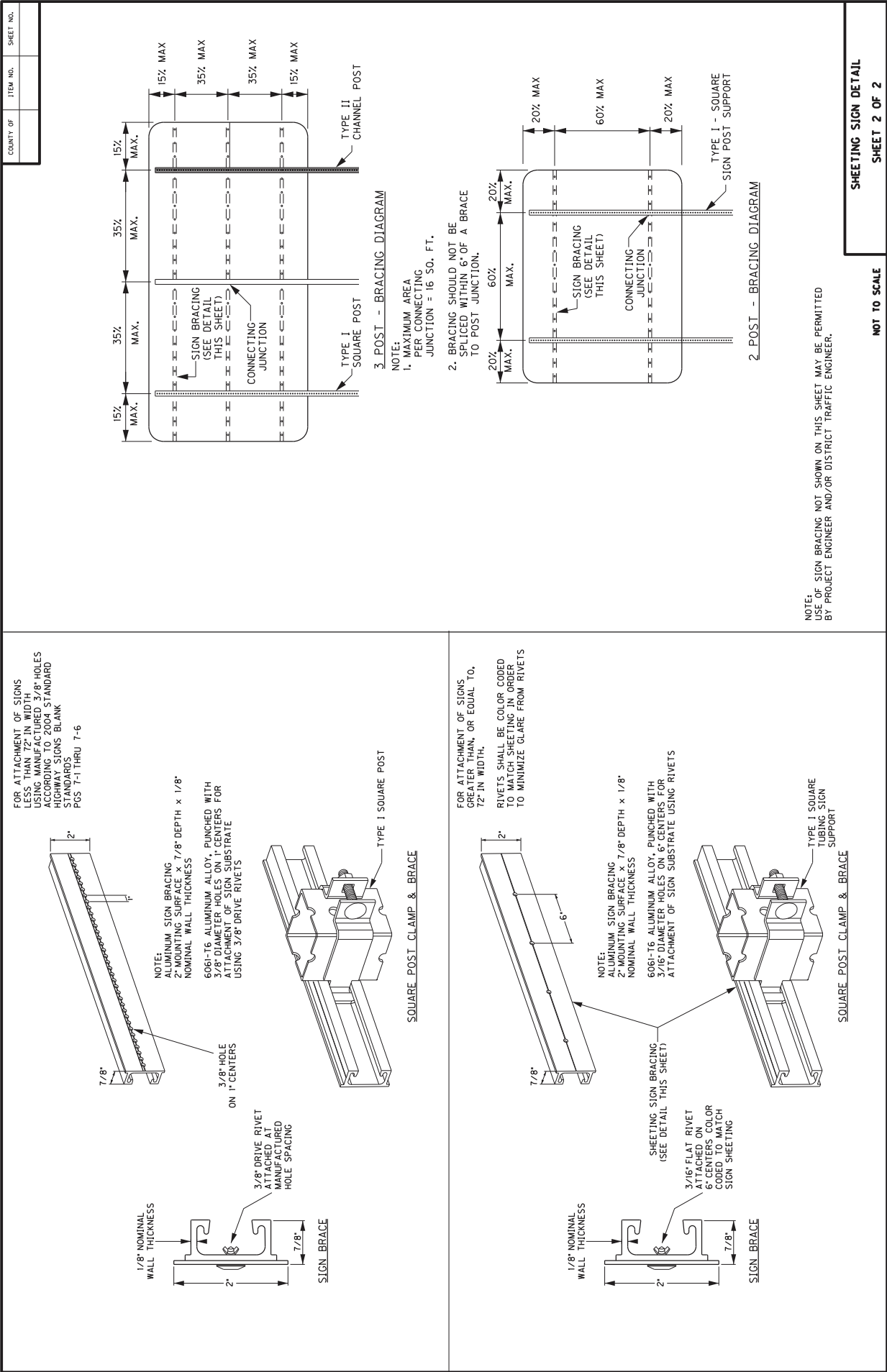
OR MILE MARKER
(ANGLE 3° AWAY
FROM TRAFFIC)

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

SIGNING POSITIONING DETAIL SHEET

1





T-1

60" - 72"

Fayette
County

7"
8" EM
6"
8" EM
7"

36"

L 1/2"

T-2

72"

Florence
CITY LIMITS

7"
8" EM
6"
8" EM
7"

36"

L 1/2"

S-1

48"

PROHIBITED
PEDESTRIANS
BICYCLES
MOTOR SCOOTERS
METAL TREADS
FARM IMPLEMENTS
ANIMALS ON FOOT

60"

3" R

1/4"

6"
6"
3.5"
4"
4"
4"
4"
4"
4"
4"
4"
5.5"

M1-5 (1 OR 2 DIGIT)

A

B/2

B

C

1/2" R

M1-5 (3 OR 4 DIGIT)

A

D

E

B/2

B

C

1/2" R

	A	B	C	D	E	FONT
CONVENTIONAL	24"	24"	6"	11"	11"	12D
EXPRESSWAY / FREEWAY	36"	36"	9"	16.5"	16.5"	18D

	A	B	C	D	E	FONT
CONVENTIONAL	30"	24"	6"	11"	11"	12B
EXPRESSWAY / FREEWAY	45"	36"	9"	16.5"	16.5"	18B

NOTE: FOR ROUTE MARKERS, IF NECESSARY, ADJUSTMENTS TO THE DIGIT LAYOUT AND/OR FONT TYPE MAY BE MADE TO ENSURE VISUAL ACUITY.

NOTE: EXPRESSWAY/FREEWAY DEFINED AS A DIVIDED HIGHWAY WITH PARTIAL OR FULL CONTROL OF ACCESS

COUNTY OF

ITEM NO.

SHEET NO.

TYPICAL SIGNS

NOT TO SCALE

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 2019* and *Standard Drawings, Edition of 2020*.

SUPPLEMENTAL SPECIFICATIONS

The contractor shall use the Supplemental Specifications that are effective at the time of letting.
The Supplemental Specifications can be found at the following link:

<http://transportation.ky.gov/Construction/Pages/Kentucky-Standard-Specifications.aspx>

SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

1.0 DESCRIPTION. Install barcode label on sheeting signs. Section references herein are to the Department’s Standard Specifications for Road and Bridge Construction, current edition.

2.0 MATERIALS. The Department will provide the Contractor with a 2 inch x 1 inch foil barcode label for each permanent sheeting 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:

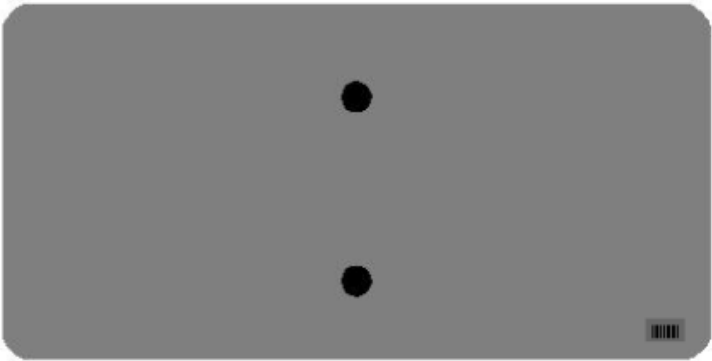
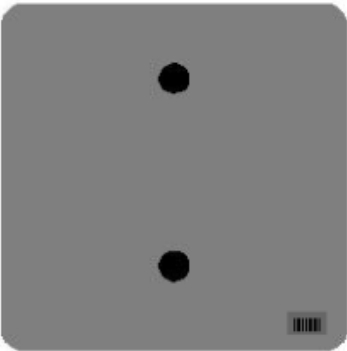
<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
24631EC	Barcode Sign Inventory	Each

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.

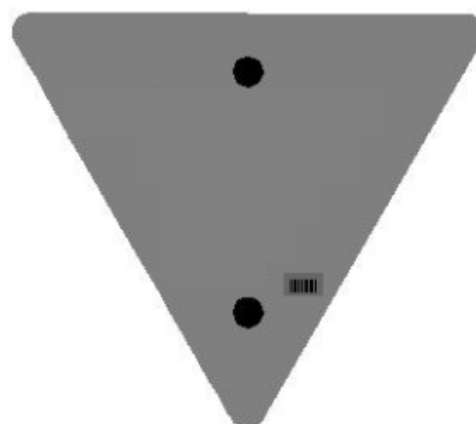
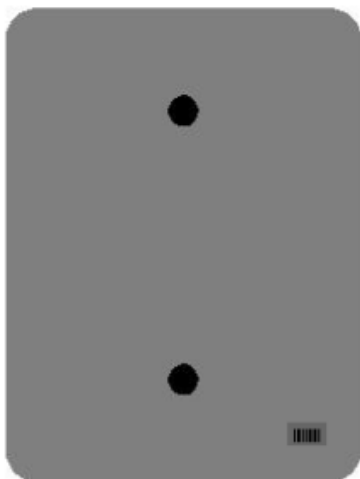
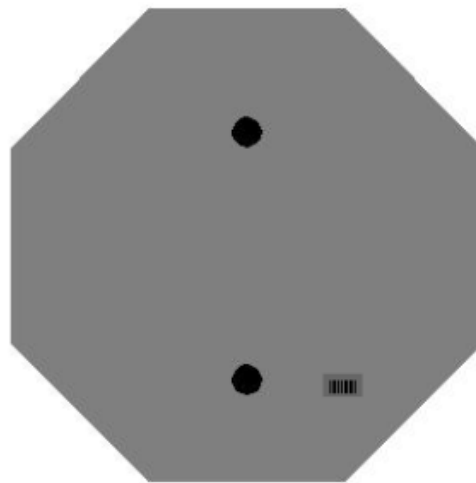
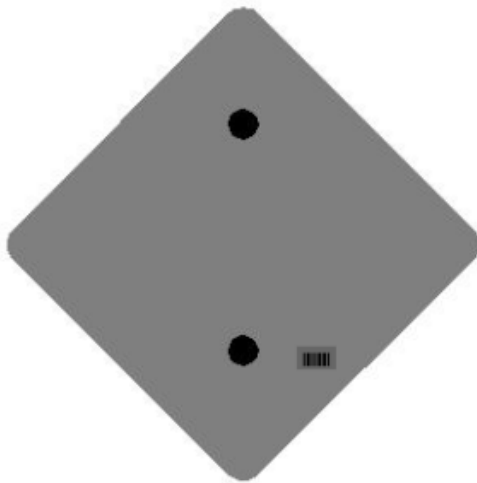
One Sign Post



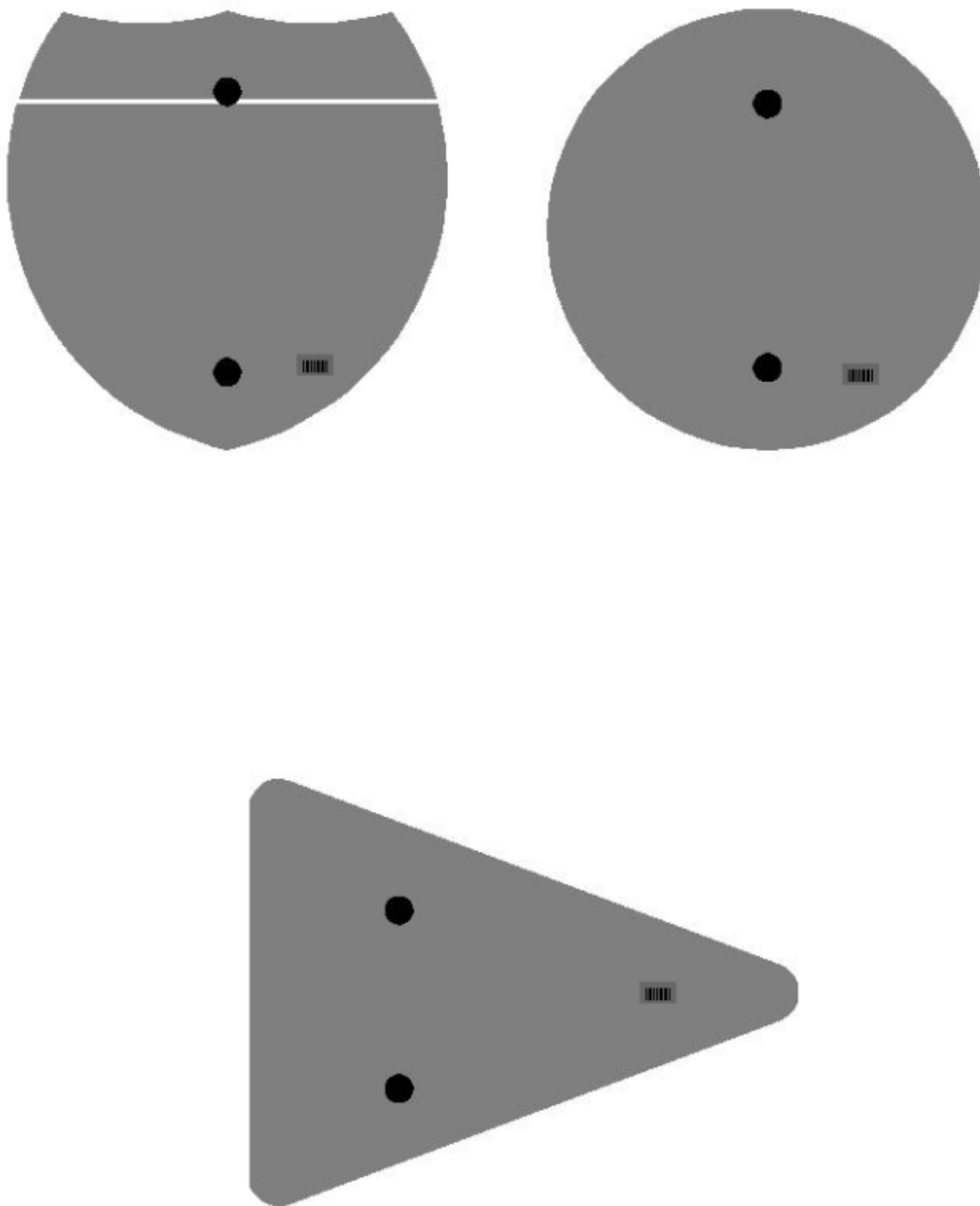
↑
2" Wide Post



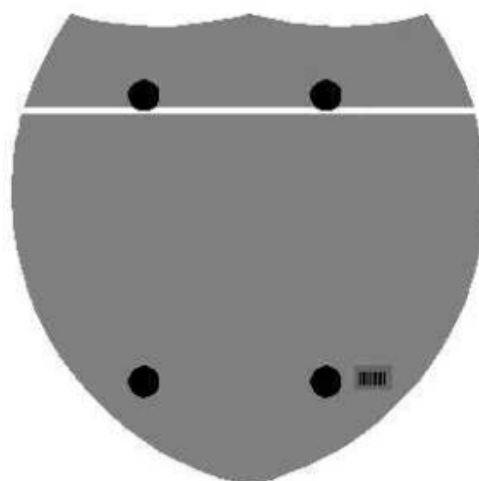
One Sign Post



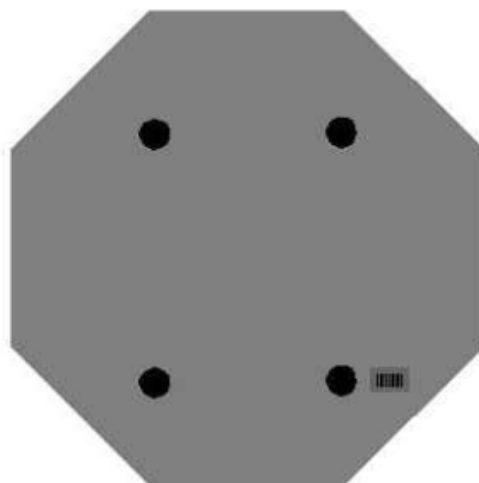
One Sign Post



Double Sign Post

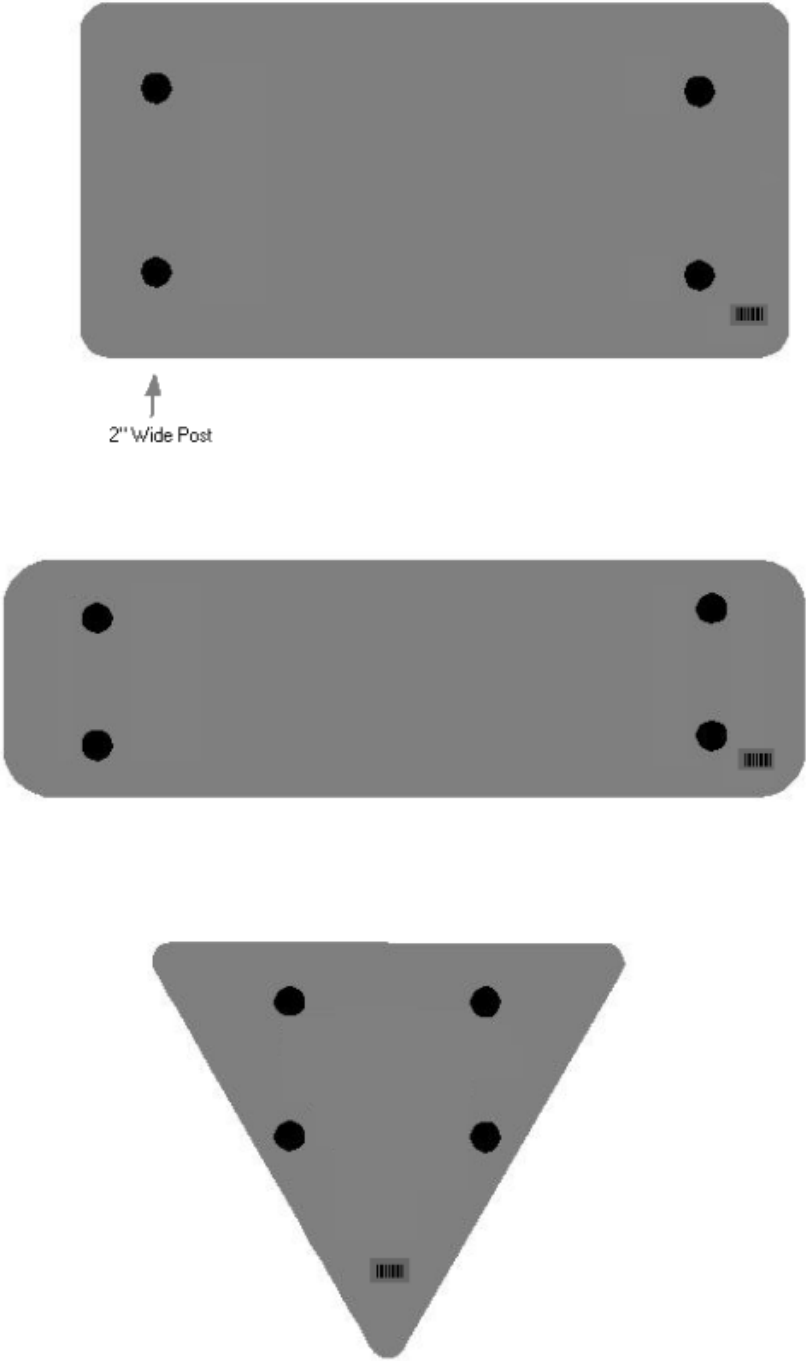


Interstate
Shield



48" Stop

2 Post Signs



2020 STANDARD DRAWINGS THAT APPLY

TRAFFIC	
~ PERMANENT ~	
<u>MARKERS</u>	
TYPICAL ENTRANCE RAMP MARKINGS	TPM-200
TYPICAL EXIT RAMP MARKINGS PAGE 1	TPM-201
TYPICAL EXIT RAMP MARKINGS PAGE 2	TPM-202
TYPICAL MARKINGS AT SIGNALIZED INTERSECTIONS	TPM-203
TYPICAL MARKINGS FOR GORE AREAS	TPM-204
TYPICAL MARKINGS FOR ISLANDS AND MEDIANS	TPM-205
TYPICAL MARKINGS FOR TURN LANES PAGE 1	TPM-206
TYPICAL MARKINGS FOR TURN LANES PAGE 2	TPM-207
 ~ TEMPORARY ~	
<u>TRAFFIC CONTROL</u>	
LANE CLOSURE TWO-LANE HIGHWAY	TTC-100-05
LANE CLOSURE MULTI-LANE HIGHWAY CASE I	TTC-115-04
DOUBLE LANE CLOSURE	TTC-125-04
SHOULDER CLOSURE	TTC-135-03
 <u>STRIPING OPERATIONS</u>	
MOBILE OPERATION FOR PAINT STRIPING CASE I	TTS-100-02
MOBILE OPERATION FOR PAINT STRIPING CASE II	TTS-105-02
MOBILE OPERATION FOR PAINT STRIPING CASE III	TTS-110-02
MOBILE OPERATION FOR PAINT STRIPING CASE IV	TTS-115-02
MOBILE OPERATION FOR DURABLE STRIPING CASE I	TTS-120-02
MOBILE OPERATION FOR DURABLE STRIPING CASE II	TTS-125-02
MOBILE OPERATION FOR DURABLE STRIPING CASE III	TTS-130-02
MOBILE OPERATION FOR DURABLE STRIPING CASE IV	TTS-135-02

PART III

EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

FHWA-1273 -- Revised July 5, 2022

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Non-segregated 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. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- XI. Certification Regarding Use of Contract Funds for Lobbying
- XII. Use of United States-Flag Vessels:

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, United States Code, as required in 23 CFR 633.102(b) (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). 23 CFR 633.102(e).

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. 23 CFR 633.102(e).

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) in accordance with 23 CFR 633.102. 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 solicitation-for-bids or request-for-proposals 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). 23 CFR 633.102(b).

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. 23 CFR 633.102(d).

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. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

II. NONDISCRIMINATION (23 CFR 230.107(a); 23 CFR Part 230, Subpart A, Appendix A; EO 11246)

The provisions of this section related to 23 CFR Part 230, Subpart A, Appendix A 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 Part 60, 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), 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 Part 60, and 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), 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 Part 230, Subpart A, 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 (see 28 CFR Part 35, 29 CFR Part 1630, 29 CFR Parts 1625-1627, 41 CFR Part 60 and 49 CFR Part 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 Part 35 and 29 CFR Part 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. 23 CFR 230.409 (g)(4) & (5).

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, sexual orientation, gender identity, 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 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 or other knowledgeable company official.

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, sexual orientation, gender identity, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to ensure 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. 23 CFR 230.409. 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, sexual orientation, gender identity, 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, sexual orientation, gender identity, 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 thereunder. 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, sexual orientation, gender identity, 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, 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. Assurances Required:

a. The requirements of 49 CFR Part 26 and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

b. The contractor, subrecipient 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 recipient deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying the contractor from future bidding as non-responsible.

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E are incorporated by reference. 49 CFR Part 21.

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 more than \$10,000. 41 CFR 60-1.5.

As prescribed by 41 CFR 60-1.8, 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, sexual orientation, gender identity, 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), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway

Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

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 (29 CFR 5.5)

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, 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 Administrator for determination. The 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 (29 CFR 5.5)

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 (29 CFR 5.5)

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. 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 29 CFR 5.5(a)(3)(ii), the appropriate information is being maintained under 29 CFR 5.5(a)(3)(i), 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 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 18 U.S.C. 1001 and 31 U.S.C. 231.

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 (29 CFR 5.5)

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. 23 CFR 230.111(e)(2). 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 as provided in 29 CFR 5.5.

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 as provided in 29 CFR 5.5.

9. Disputes concerning labor standards. As provided in 29 CFR 5.5, 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 (29 CFR 5.5)

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

Pursuant to 29 CFR 5.5(b), 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. 29 CFR 5.5.

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 currently provided in 29 CFR 5.5(b)(2)* 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. 29 CFR 5.5.

* \$27 as of January 23, 2019 (See 84 FR 213-01, 218) as may be adjusted annually by the Department of Labor; pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990).

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. 29 CFR 5.5.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraphs 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. 29 CFR 5.5.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

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" in paragraph 1 of Section VI 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: (based on longstanding interpretation)

- (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. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), 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. Pursuant to 23 CFR 635.116(c), 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. (based on long-standing interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

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 Part 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. 23 CFR 635.108.

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 Part 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). 29 CFR 1926.10.

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 Part 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 11, 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 (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)

This provision is applicable to all Federal-aid construction contracts in excess of \$150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.326.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders

or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.326.

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. 2 CFR 180.220 and 1200.220.

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. 2 CFR 180.320.

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. 2 CFR 180.325.

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. 2 CFR 180.345 and 180.350.

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, Subpart I, 180.900-180.1020, and 1200. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient 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 recipient or subrecipient 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. 2 CFR 180.330.

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. 2 CFR 180.220 and 180.300.

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. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. 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 System for Award Management website (<https://www.sam.gov/>). 2 CFR 180.300, 180.320, and 180.325.

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 CFR 180.325.

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 CFR 180.335;.

(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, 2 CFR 180.800;

(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, 2 CFR 180.700 and 180.800; 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. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

3. 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). 2 CFR 180.220 and 1200.220.

a. By signing and submitting this proposal, the prospective lower tier participant 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. 2 CFR 180.365.

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, Subpart I, 180.900 – 180.1020, 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 recipient or subrecipient of Federal funds and a participant (such as the prime or general contractor). "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 recipient or subrecipient 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. 2 CFR 1200.220 and 1200.332.

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. 2 CFR 180.220 and 1200.220.

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 System for Award Management website (<https://www.sam.gov/>), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

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. 2 CFR 180.325.

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:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(b) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(c) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant should 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 Part 20, App. A.

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.

XII. USE OF UNITED STATES-FLAG VESSELS:

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels. 46 CFR 381.7.

2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS (23 CFR 633, Subpart B, Appendix B)**

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 (forty and above); 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 forty (40) and over. 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, or age forty (40) and over, or because the person is a qualified individual with a disability, except that such a notice or advertisement may indicate a preference, limitation, or specification based on religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, when religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, 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 forty (40) and over, 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: January 25, 2017

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 (7) provides:

No present or former public servant shall, within six (6) months 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, or is regulated by, the state in matters in which he was directly involved during the last thirty-six (36) months of 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, or for which he received, prior to his state employment, a professional degree or license, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved during the last thirty-six (36) months of his tenure 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, nor shall it prohibit the former officer or public servant from receiving public funds disbursed through entitlement programs.

KRS 11A.040 (9) states:

A former public servant shall not represent a person or business before a state agency in a matter in which the former public servant was directly involved during the last thirty-six (36) months of his tenure, 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, 1025 Capital Center Drive, Suite 104, Frankfort, Kentucky 40601; telephone (502) 564-7954.

Revised: May 23, 2022

"General Decision Number: KY20230107 01/06/2023

Superseded General Decision Number: KY20220107

State: Kentucky

Construction Type: Highway

Counties: Adair, Barren, Bell, Breathitt, Casey, Clay, Clinton, Cumberland, Estill, Floyd, Garrard, Green, Harlan, Hart, Jackson, Johnson, Knott, Knox, Laurel, Lawrence, Lee, Leslie, Letcher, Lincoln, Magoffin, Martin, McCreary, Menifee, Metcalfe, Monroe, Morgan, Owsley, Perry, Pike, Powell, Pulaski, Rockcastle, Russell, Taylor, Wayne, Whitley and Wolfe Counties in Kentucky.

HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	<div><div>. Executive Order 14026 generally applies to the contract.</div><div>. The contractor must pay all covered workers at least \$16.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2023.</div></div>
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	<div><div>. Executive Order 13658 generally applies to the contract.</div><div>. The contractor must pay all covered workers at least \$12.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2023.</div></div>

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at

<http://www.dol.gov/whd/govcontracts>.

Modification Number0

Publication Date01/06/2023

SUKY2015-047 10/20/2015

	Rates	Fringes
BOILERMAKER.....	\$ 24.65	12.94
BRICKLAYER		
Bricklayer.....	\$ 22.90	8.50
Stone Mason.....	\$ 21.50	8.50
CARPENTER		
Carpenter.....	\$ 24.90	14.50
Piledriver.....	\$ 24.55	14.50
CEMENT MASON.....	\$ 21.25	8.50
ELECTRICIAN		
Electrician.....	\$ 29.36	10.55
Equipment Operator.....	\$ 26.90	10.31
Groundsman.....	\$ 17.79	8.51
Lineman.....	\$ 30.09	10.94
When workmen are required to work from bosum chairs, trusses, stacks, tanks, scaffolds, catwalks, radio and T.V. towers, structural steel (open, unprotected, unfloored raw steel), and bridges or similar hazardous locations where workmen are subject to fall, except where using JLG's and bucket trucks up to 75 feet: Add 25% to workman's base rate for 50 to 75 feet, and add 50% to workman's base rate for over 75 feet.		
IRONWORKER.....	\$ 27.56	20.57
LABORER		
Group 1.....	\$ 21.80	12.36
Group 2.....	\$ 22.05	12.36
Group 3.....	\$ 22.10	12.36
Group 4.....	\$ 22.70	12.36
GROUP 1: Aging and Curing of Concrete (Any Mode or Method), Asbestos Abatement Worker, Asphalt Plant Laborers, Asphalt Laborers, Batch Truck Dumpers, Carpenter Tenders, Cement Mason Tenders, Cleaning of Machines, Concrete Laborers, Demolition Laborers, Dredging Laborers, Drill Tender, Environmental Laborer - Nuclear, Radiation, Toxic and Hazardous Waste - Level D, Flagmen, Grade Checkers, All Hand Digging and Hand Back Filling, Highway Marker Placers, Landscaping Laborers, Mesh Handlers and Placers, Puddler, Railroad Laborers, Rip-rap and Grouters, Right of Way Laborers, Sign, Guard Rail and Fence Installers (All Types), Signalmen, Sound Barrier Installer, Storm and Sanitary Sewer Laborers, Swampers, Truck Spotters and Dumpers, Wrecking of Concrete Forms, General Cleanup		
GROUP 2: Batter Board Men (Sanitary and Storm Sewer), Brickmason Tenders, Mortar Mixer Operator, Scaffold Builders, Burner and Welder, Bushammers, Chain Saw Operator, Concrete Saw Operators, Deckhand Scow Man, Dry Cement Handlers, Environmental Laborers - Nuclear, Radiation, Toxic and Hazardous Waste - Level C, Forklift Operators for Masonry, Form Setters, Green Concrete Cutting, Hand Operated Grouter and Grinder Machine Operator, Jack Hammers, Lead Paint Abatement, Pavement Breakers, Paving Joint Machine, Pipe		

Layers - Laser Operators (Non-metallic), Plastic Pipe Fusion, Power Driven Georgia Buggy and Wheel Barrow, Power Post Hole Diggers, Precast Manhole Setters, Walk-behind Tampers, Walk-behind Trenchers, Sand Blasters, Concrete Chippers, Surface Grinders, Vibrator Operators, Wagon Drillers
GROUP 3: Air Track Driller (All Types), Asphalt Luteman and Rakers, Gunnite Nozzleman, Gunnite Operators and Mixers, Grout Pump Operator, Powderman and Blaster, Side Rail Setters, Rail Paved Ditches, Screw Operators, Tunnel Laborers (Free Air), Water Blasters
GROUP 4: Caisson Workers (Free Air), Cement Finishers, Environmental Laborer - Nuclear, Radiation, Toxic and Hazardous Waste - Level A and B, miners and Drillers (Free Air), Tunnel Blasters, and Tunnel Mockers (Free Air), Directional and Horizontal Boring, Air Track Drillers (All Types), Powder Man and Blasters, Troxler and Concrete Tester if Laborer is Utilized

PAINTER		
All Excluding Bridges.....	\$ 19.92	9.57
Bridges.....	\$ 23.92	10.07
PLUMBER.....	\$ 22.52	7.80

POWER EQUIPMENT OPERATOR:		
Group 1.....	\$ 29.95	14.40
Group 2.....	\$ 29.95	14.40
Group 3.....	\$ 27.26	14.40
Group 4.....	\$ 26.96	14.40

GROUP 1: Auto Patrol, Batcher Plant, Bituminous Paver, Cable-Way, Clamshell, Concrete Mixer (21 cu ft or over), Concrete Pump, Crane, Crusher Plant, Derrick, Derrick Boat, Ditching and Trenching Machine, Dragline, Dredge Engineer, Elevator (regardless of ownership when used for hoisting any building material), Elevating Grader and all types of Loaders, Hoe-type Machine, Hoisting Engine, Locomotive, LeTourneau or Carry-all Scoop, Bulldozer, Mechanic, Orangepeel Bucket, Piledriver, Power Blade, Roller (Bituminous), Roller (Earth), Roller (Rock), Scarifier, Shovel, Tractor Shovel, Truck Crane, Well Point, Winch Truck, Push Dozer, Grout Pump, High Lift, Fork Lift (regardless of lift height), all types of Boom Cats, Multiple Operator, Core Drill, Tow or Push Boat, A-Frame Winch Truck, Concrete Paver, Grade-All, Hoist, Hyster, Material Pump, Pumpcrete, Ross Carrier, Sheepfoot, Sideboom, Throttle-Valve Man, Rotary Drill, Power Generator, Mucking Machine, Rock Spreader attached to Equipment, Scoopmobile, KeCal Loader, Tower Cranes,(French, German and other types), Hydrocrane, Tugger, Backfiller Gurries, Self-propelled Compactor, Self-Contained Hydraulic Percussion Drill
GROUP 2: All Air Compressors (200 cu ft/min or greater), Bituminous Mixer, Concrete Mixer (21 cu. ft. or over), Welding Machine, Form Grader, Tractor (50 hp and over), Bull Float, Finish Machine, Outboard Motor Boat, Brakeman, Mechanic Tender, Whirly Oiler, Tract-air, Road Widening Trencher, Articulating Trucks
GROUP 3: Greaser on Grease Facilities servicing Heavy Equipment
GROUP 4: Bituminous Distributor, Cement Gun, Conveyor, Mud Jack, Paving Joint Machine, Pump, Tamping Machine, Tractor (under 50 hp), Vibrator, Oiler, Air Compressor (under 200 cu ft per minute), Concrete Saw, Burlap and Curing Machine, Hydro Seeder, Power Form Handling Equipment, Deckhand Oiler, Hydraulic Post Driver

SHEET METAL WORKER.....	\$ 20.40	7.80
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TRUCK DRIVER

Driver (3 Tons and Over), Driver (Truck Mounted Rotary Drill).....\$ 23.74	14.50
Driver (3 Tons and Under), Tire Changer and Truck Mechanic Tender.....\$ 23.53	14.50
Driver (Semi-Trailer or Pole Trailer), Driver (Dump Truck, Tandem Axle), Driver of Distributor.....\$ 23.40	14.50
Driver on Mixer Trucks (All Types).....\$ 23.45	14.50
Driver on Pavement Breakers.\$ 23.55	14.50
Driver, Euclid and Other Heavy Earth Moving Equipment and Low Boy.....\$ 24.31	14.50
Driver, Winch Truck and A- Frame when used in Transporting Materials.....\$ 23.30	14.50
Greaser on Greasing Facilities.....\$ 24.40	14.50
Truck Mechanic.....\$ 23.50	14.50
Truck Tender and Warehouseman.....\$ 23.20	14.50

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

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 National Office because National Office has 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 DECISIO"

Fringe benefit amounts are applicable for all hours worked except when otherwise noted.

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 to an employee at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty (40) hours in such workweek. Wage violations or questions should be directed to the designated Engineer or the undersigned.

Director
Division of Construction Procurement
Frankfort, Kentucky 40622
502-564-3500

**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
7.0%	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 Notification of Construction Contract Award Portal (NCAP) is OFCCP’s preferred method for receiving construction contract award notifications. The NCAP can be found on OFCCP’s website at <https://www.dol.gov/agencies/ofccp/ncap>. Users who prefer not to use the portal maintain the option to send their notifications via mail, email and facsimile to the OFCCP Regional office in which the work will be performed. 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 must include: Prime Contract Number (issued by the federal agency or applicant); Name of Awarding Federal Agency, Applicant or Contractor; Contracting Officer, Applicant Representative or Contractor Representative Submitting Notification with name, phone number, email address; Contractor Awarded Contract or Subcontract with name, address, phone number, email address, EIN, dollar amount of the contract, estimated start date of the contract, estimated completion date of the contract, geographical area in which the contract is to be performed (state, county’s city (if applicable)).
- The notification shall be mailed to:

**Regional Director
Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8931
Main Number: 404-893-4545 Fax: 404-893-4546
Regional Director Contact: OFCCP-SE@dol.gov
Construction Award Email: OFCCP-SE-ConstructionAward@dol.gov**

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is Clay County.
- (Revised: 1/1/2023)

**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
4.5%	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 Notification of Construction Contract Award Portal (NCAP) is OFCCP’s preferred method for receiving construction contract award notifications. The NCAP can be found on OFCCP’s website at <https://www.dol.gov/agencies/ofccp/ncap>. Users who prefer not to use the portal maintain the option to send their notifications via mail, email and facsimile to the OFCCP Regional office in which the work will be performed. 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 must include: Prime Contract Number (issued by the federal agency or applicant); Name of Awarding Federal Agency, Applicant or Contractor; Contracting Officer, Applicant Representative or Contractor Representative Submitting Notification with name, phone number, email address; Contractor Awarded Contract or Subcontract with name, address, phone number, email address, EIN, dollar amount of the contract, estimated start date of the contract, estimated completion date of the contract, geographical area in which the contract is to be performed (state, county’s city (if applicable)).
- The notification shall be mailed to:

**Regional Director
Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8931
Main Number: 404-893-4545 Fax: 404-893-4546
Regional Director Contact: OFCCP-SE@dol.gov
Construction Award Email: OFCCP-SE-ConstructionAward@dol.gov**

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is Harlan County.
- (Revised: 1/1/2023)

**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
4.5%	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 Notification of Construction Contract Award Portal (NCAP) is OFCCP’s preferred method for receiving construction contract award notifications. The NCAP can be found on OFCCP’s website at <https://www.dol.gov/agencies/ofccp/ncap>. Users who prefer not to use the portal maintain the option to send their notifications via mail, email and facsimile to the OFCCP Regional office in which the work will be performed. 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 must include: Prime Contract Number (issued by the federal agency or applicant); Name of Awarding Federal Agency, Applicant or Contractor; Contracting Officer, Applicant Representative or Contractor Representative Submitting Notification with name, phone number, email address; Contractor Awarded Contract or Subcontract with name, address, phone number, email address, EIN, dollar amount of the contract, estimated start date of the contract, estimated completion date of the contract, geographical area in which the contract is to be performed (state, county’s city (if applicable)).
- The notification shall be mailed to:

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Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8931
Main Number: 404-893-4545 Fax: 404-893-4546
Regional Director Contact: OFCCP-SE@dol.gov
Construction Award Email: OFCCP-SE-ConstructionAward@dol.gov**

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is Laurel 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
4.5%	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 Notification of Construction Contract Award Portal (NCAP) is OFCCP's preferred method for receiving construction contract award notifications. The NCAP can be found on OFCCP's website at <https://www.dol.gov/agencies/ofccp/ncap>. Users who prefer not to use the portal maintain the option to send their notifications via mail, email and facsimile to the OFCCP Regional office in which the work will be performed. 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 must include: Prime Contract Number (issued by the federal agency or applicant); Name of Awarding Federal Agency, Applicant or Contractor; Contracting Officer, Applicant Representative or Contractor Representative Submitting Notification with name, phone number, email address; Contractor Awarded Contract or Subcontract with name, address, phone number, email address, EIN, dollar amount of the contract, estimated start date of the contract, estimated completion date of the contract, geographical area in which the contract is to be performed (state, county's city (if applicable)).

The notification shall be mailed to:

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Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8931
Main Number: 404-893-4545 Fax: 404-893-4546
Regional Director Contact: OFCCP-SE@dol.gov
Construction Award Email: OFCCP-SE-ConstructionAward@dol.gov**

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is Whitley County.

PART IV

INSURANCE

Refer to
Kentucky Standard Specifications for Road and Bridge Construction,
current edition

PART V

BID ITEMS

Section: 0001 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	02650		MAINTAIN & CONTROL TRAFFIC (DISTRICT 11)	1.00	LS		\$	
0020	02726		STAKING (DISTRICT 11)	1.00	LS		\$	
0030	02775		ARROW PANEL	4.00	EACH		\$	
0040	06531		PAVE STRIPING REMOVAL-6 IN	4,611.00	LF		\$	
0050	06533		PAVE STRIPING REMOVAL-12 IN	337.00	LF		\$	
0060	06541		PAVE STRIPING-THERMO-4 IN Y	1,331.00	LF		\$	
0070	06542		PAVE STRIPING-THERMO-6 IN W	53.00	LF		\$	
0080	06543		PAVE STRIPING-THERMO-6 IN Y	294.00	LF		\$	
0090	06556		PAVE STRIPING-DUR TY 1-6 IN W	2,335.00	LF		\$	
0100	06557		PAVE STRIPING-DUR TY 1-6 IN Y	2,276.00	LF		\$	
0110	06560		PAVE STRIPING-DUR TY 1-12 IN W	337.00	LF		\$	
0120	06568		PAVE MARKING-THERMO STOP BAR-24IN	228.00	LF		\$	
0130	06569		PAVE MARKING-THERMO CROSS-HATCH	44,718.00	SQFT		\$	
0140	06574		PAVE MARKING-THERMO CURV ARROW	80.00	EACH		\$	
0150	06575		PAVE MARKING-THERMO COMB ARROW	1.00	EACH		\$	
0160	21373ND		REMOVE SIGN	131.00	EACH		\$	
0170	21417ES717		PAVE MARK THERMO CONE CAP-SOLID YELLOW	896.00	SQFT		\$	
0180	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	32.00	LF		\$	
0190	23254ES717		PAVE MARK TY 1 TAPE DOTTED LANE EXT	1,667.00	LF		\$	
0200	23265ES717		PAVE MARK TY 1 TAPE STOP BAR-24 IN	72.00	LF		\$	
0210	23270ES717		PAVE MARK TY 1 TAPE-CURV ARROW	64.00	EACH		\$	
0220	23875NC		REMOVE THERMOPLASTIC ARROWS	23.00	EACH		\$	
0230	24689EC		PAVE MARK THERMO-WRONG WAY ARROW	32.00	EACH		\$	
0240	26185ES717		PAVE MARK TY 1 TAPE-WRONG WAY ARROW	1.00	EACH		\$	
0250	40045		PAVEMENT MARKING REMOVAL	893.00	SQFT		\$	

Section: 0002 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0260	06406		SBM ALUM SHEET SIGNS .080 IN	174.40	SQFT		\$	
0270	06407		SBM ALUM SHEET SIGNS .125 IN	3,201.47	SQFT		\$	
0280	06410		STEEL POST TYPE 1	3,669.50	LF		\$	
0290	06490		CLASS A CONCRETE FOR SIGNS	9.00	CUYD		\$	
0300	21596ND		GMSS TYPE D	54.00	EACH		\$	
0310	22400NN		REMOVE AND RELOCATE SIGN ASSEMBLY	1.00	EACH		\$	
0320	24631EC		BARCODE SIGN INVENTORY	292.00	EACH		\$	

Section: 0003 - DEMOBILIZATION & MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0330	02568		MOBILIZATION	1.00	LS		\$	
0340	02569		DEMOBILIZATION	1.00	LS		\$	