



CALL NO. 204

CONTRACT ID. 224319

GRAVES - MARSHALL - CALDWELL COUNTIES

FED/STATE PROJECT NUMBER 121GR22T016-ER

DESCRIPTION VARIOUS ROUTES IN DISTRICTS 1 AND 2

WORK TYPE SIGNS-LIGHTING-SIGNALS

PRIMARY COMPLETION DATE 6/30/2023

LETTING DATE: June 23,2022

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME June 23,2022. 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

ADMINISTRATIVE DISTRICT - 01

CONTRACT ID - 224319

121GR22T016-ER

COUNTY - CALDWELL

PCN - 0201700692201

ER 9020(439)

INTERSTATE 69 (I-69) (MP 79.4) LIGHTING REPAIRS AT THE INTERCHANGE OF I-69 & KY 91 (MP 80.1), A DISTANCE OF 0.70 MILES.SIGNS-LIGHTING-SIGNALS

GEOGRAPHIC COORDINATES LATITUDE 37:07:19.03 LONGITUDE 87:53:36.57

ADT 12,164

COUNTY - GRAVES

PCN - 0104200452201

ER 9020(425)

US HIGHWAY 45 (US 45) (MP 16.874) SIGNAL REBUILDS AT VARIOUS INTERSECTIONS ALONG US 45 AND US 45 ONE-WAY (MP 17.329), A DISTANCE OF 0.46 MILES.SIGNS-LIGHTING-SIGNALS

GEOGRAPHIC COORDINATES LATITUDE 36:44:22.71 LONGITUDE 88:38:13.50

ADT 1,847

PCN - 0104200692201

ER 9020(428)

RAMP 241 AT INTERSTATE 69 EXIT 21 (I-69 RAMP 241) (MP 0.000) LIGHTING REPAIRS ALONG I-69 RAMP 241 AND AT THE INTERSECTION WITH KY 80 (MP 0.200), A DISTANCE OF 0.20 MILES.SIGNS-LIGHTING-SIGNALS

GEOGRAPHIC COORDINATES LATITUDE 36:43:16.08 LONGITUDE 88:40:01.03

ADT 6,207

PCN - 0104201212201

ER 9020(433)

SOUTH CASTLEMAN BYPASS (KY 121) (MP 7.566) SIGNAL REBUILD AT THE INTERSECTION OF KY 121 & KY 58 (MP 7.666), A DISTANCE OF 0.10 MILES.SIGNS-LIGHTING-SIGNALS

GEOGRAPHIC COORDINATES LATITUDE 36:44:46.22 LONGITUDE 88:37:18.91

ADT 12,092

PCN - 01042080X2201

ER 9020(427)

WEST BROADWAY (KY 80X) (MP 1.616) SIGNAL REBUILD AT THE INTERSECTION OF KY 80X & 9TH STREET (MP 1.716), A DISTANCE OF 0.10 MILES.SIGNS-LIGHTING-SIGNALS

GEOGRAPHIC COORDINATES LATITUDE 36:44:29.93 LONGITUDE 88:38:19.12

ADT 9,713

PCN - 01042121X2201

ER 9020(426)

SOUTH SIXTH STREET (KY 121X) (MP 1.727) SIGNAL REBUILDS AT VARIOUS INTERSECTIONS ALONG KY 121X (MP 1.870), A DISTANCE OF 0.14 MILES.SIGNS-LIGHTING-SIGNALS

GEOGRAPHIC COORDINATES LATITUDE 36:44:26.35 LONGITUDE 88:38:04.53

ADT 11,705

COUNTY - MARSHALL

PCN - 0107900692201

ER 9020(429)

INTERSTATE 69 (I-69) (MP 42.56) LIGHTING REPAIRS AT THE INTERCHANGE OF I-69 & KY 348 (MP 43.16), A DISTANCE OF 0.60 MILES.SIGNS-LIGHTING-SIGNALS

GEOGRAPHIC COORDINATES LATITUDE 36:52:31.23 LONGITUDE 88:21:39.40

ADT 15,868

COMPLETION DATE(S):

COMPLETED BY 06/30/2023

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.

April 30, 2018

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 Bynes. Mr. Bynes' 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)

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.

NATIONAL HIGHWAY

Be advised this project is on the NATIONAL HIGHWAY SYSTEM.

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

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.

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.

General Notes & Description of Work

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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:

Signal Rebuilds. There are several signals in Graves County to be reconstructed. Signal rebuilds on the same numbered route have been grouped and are being funded from the same funding source (Program Code). This means for certain routes multiple signal rebuilds are funded under the same Program Code, while for other routes only one signal rebuild is funded under a Program Code. The quantities within the Signal Plans have been summarized for each individual intersection and the quantities have totaled for each Program Code. The list of signal rebuild locations and their associated Program Codes are as follows:

Program 1494501C

- Graves Co. US 45 (Walnut St) @ 9th Street
- Graves Co. US 45 (7th Street) @ South Street
- Graves Co. US 45 (7th Street) @ KY 80X & KY 58
- Graves Co. US 45 (7th Street) @ North Street
- Graves Co. US 45 One-Way (Water St) @ 9th Street
- Graves Co. US 45 One-Way (8th Street) @ KY 80X (Broadway)

Program 1447901C

- Graves Co. KY 121X (6th Street) @ Water Street
- Graves Co. KY 121X (6th Street) @ South Street
- Graves Co. KY 121X (6th Street) @ KY 58 (Broadway)

Program 1447301C

- Graves Co. KY 80X (Broadway) @ 9th Street

Program 1494601C

- Graves Co. KY 121 (Castleman Bypass) @ KY 58 (Broadway)

Perform all work as shown in the Lighting Plans, unless otherwise directed by the Engineer.

Lighting Repairs. There are three locations with lighting repairs. Each lighting repair locations has its own funding source (Program Code). The quantities within the Lighting Plans have been summarized for each individual location and the associated Program Code has been noted. The list of lighting repair locations and their associated Program Codes are as follows:

Program 1477501C

- Graves Co. I-69 Ramp 241 @ KY 80

Program 1477601C

- Marshall Co. I-69 @ KY 348 Interchange

Program 1482401C

- Caldwell Co. I-69 @ KY 91 Interchange

Perform all work as shown in the Lighting Plans, unless otherwise directed by the Engineer.

Special Note for Completion Date & Liquidated Damages

I. COMPLETION DATE

The ultimate fixed completion date for this project will be June 30, 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 and/or partial 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

The Contractor is encouraged to utilize shoulder closures as much as possible for any and all work that can be safely accomplished with only a shoulder closure. For any work that requires a lane closure or partial lane closure, the Contractor and Engineer shall work together to determine the best phasing. General guidance is as follows: At locations with two or more through lanes in the same direction of travel, close one lane of traffic while maintaining one lane of traffic during construction and provide a minimum clear lane width of at least 10 feet. At locations with two lanes (one lane in each direction), maintain alternating one-way traffic during construction and provide a minimum clear lane width of 10 feet. At locations with one lane, such as at exit and entrance ramps, a partial lane closure is permitted during construction, as long as a minimum clear lane width of 11 feet is maintained. 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 or partial lane closures will be allowed during the following times:

Independence Day	7 am Saturday, July 2, 2022 – 11 pm Monday, July 4, 2022
Labor Day Weekend	3 pm Friday, September 2, 2022 – 8 pm Monday, September 5, 2022
Thanksgiving Holiday	3 pm Wednesday, November 23, 2022 – 8 pm Sunday, November 27, 2022
Christmas Holiday	3 pm Friday, December 23, 2022 – 8 pm Sunday, December 25, 2022
New Year’s Day Holiday	7 am Saturday, December 31, 2022 – 8 pm Sunday, January 1, 2023
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

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

Normal Workday Rush Hours

Monday-Friday 7:00 AM – 8:30 AM, and 3:00 PM – 5:00 PM, daily

At the discretion of the Engineer, additional days and hours may be specified when lane closures or partial lane closures will not be allowed.

Traffic Control Plan
Page 2 of 2

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. The Department will provide public notification regarding lane closures and partial lane closures. The Contractor shall submit proposed lane closure and partial 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 or partial 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.

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, only long-term temporary signs (temporary signs intended to be continuously in place for more than 3 days) will be measured for payment. Short-term temporary signs (temporary signs intended to be left in place for 3 days or less) will not be measured for payment but will be incidental to Maintain and Control Traffic.

CHANGEABLE MESSAGE SIGNS

If deemed necessary, Portable Changeable Message Signs will be provided by the Department.

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.

	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)	
N/A		Graves		N/A	
PROJECT DESCRIPTION					

Signal Rebuild (Mainline Route US 45 - Intersecting Route 9th Street at MP 16.874)

<input checked="" type="checkbox"/>	No Additional Right of Way Required
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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)
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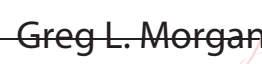

The right of way has not been fully acquired, the right to occupy and to use all rights-of-way required for the proper execution of the project has been acquired. Some parcels may be pending in court and on other parcels full legal possession has not been obtained, but right of entry has been obtained, 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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	 Digitally signed by Greg L. Morgan Date: 2022.01.12 11:14:07 -06'00'
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 Digitally signed by Kelly R. Divine Date: 2022.01.12 12:05:06 -06'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

	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)	
N/A		Graves		N/A		ER 9020 (425)	
PROJECT DESCRIPTION							

Signal Rebuild (Mainline Route US 45 - Intersecting Route South Street at MP 17.190)

<input checked="" type="checkbox"/>	No Additional Right of Way Required
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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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	Greg L. Morgan <small>Digitally signed by Greg L. Morgan Date: 2022.01.12 11:14:35 -06'00'</small>
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 <small>Digitally signed by Kelly R. Divine Date: 2022.01.12 12:06:32 -06'00'</small>	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

	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)	
N/A		Graves		N/A	
PROJECT DESCRIPTION					

Signal Rebuild (Mainline Route US 45 - Intersecting Route KY 80X/KY 58 at MP 17.259)

<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)
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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)
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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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	Greg L. Morgan <small>Digitally signed by Greg L. Morgan Date: 2022.01.12 11:15:00 -06'00'</small>
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 <small>Digitally signed by Kelly R. Divine Date: 2022.01.12 12:08:19 -06'00'</small>	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

	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)	
N/A		Graves		N/A	
PROJECT DESCRIPTION					

Signal Rebuild (Mainline Route US 45 - Intersecting Route North Street at MP 17.329)

<input checked="" type="checkbox"/>	No Additional Right of Way Required
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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)
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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)
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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)
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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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	Greg L. Morgan Digitally signed by Greg L. Morgan <small>Date: 2022.01.12 11:15:26 -06'00'</small>
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 Digitally signed by Kelly R. Divine <small>Date: 2022.01.12 12:09:51 -06'00'</small>	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

	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)	
N/A		Graves		N/A		ER 9020 (425)	
PROJECT DESCRIPTION							

Signal Rebuild (Mainline Route US 45 One Way - Intersecting Route 9th Street at MP 16.932)

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.

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.

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

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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	 Digitally signed by Greg L. Morgan Date: 2022.01.12 11:13:37 -06'00'
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 Digitally signed by Kelly R. Divine Date: 2022.01.12 12:03:41 -06'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

	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)	
N/A		Graves		N/A		ER 9020 (425)	
PROJECT DESCRIPTION							

Signal Rebuild (Mainline Route US 45 One Way - Intersecting Route KY 80X/KY 58 at MP 17.141)

<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)
--------------------------	--

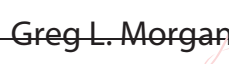

The right of way has not been fully acquired, the right to occupy and to use all rights-of-way required for the proper execution of the project has been acquired. Some parcels may be pending in court and on other parcels full legal possession has not been obtained, but right of entry has been obtained, 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)
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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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	 Digitally signed by Greg L. Morgan Date: 2022.01.12 11:12:53 -06'00'
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 Digitally signed by Kelly R. Divine Date: 2022.01.12 12:02:06 -06'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

	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)	
N/A		Graves		N/A		ER 9020 (426)	
PROJECT DESCRIPTION							

Signal Rebuild (Mainline Route KY 121X - Intersecting Route Water Street at MP 1.727)

<input checked="" type="checkbox"/>	No Additional Right of Way Required
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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)
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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)
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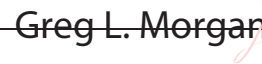

The right of way has not been fully acquired, the right to occupy and to use all rights-of-way required for the proper execution of the project has been acquired. Some parcels may be pending in court and on other parcels full legal possession has not been obtained, but right of entry has been obtained, 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)
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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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	 Digitally signed by Greg L. Morgan Date: 2022.01.12 11:16:38 -06'00'
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 Digitally signed by Kelly R. Divine Date: 2022.01.12 12:14:12 -06'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

	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)	
N/A		Graves		N/A		ER 9020 (426)	
PROJECT DESCRIPTION							

Signal Rebuild (Mainline Route KY 121X - Intersecting Route South Street at MP 1.795)

<input checked="" type="checkbox"/>	No Additional Right of Way Required
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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)
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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)
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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)
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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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	 Digitally signed by Greg L. Morgan Date: 2022.01.12 11:16:15 -06'00'
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 Digitally signed by Kelly R. Divine Date: 2022.01.12 12:12:47 -06'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

	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)	
N/A		Graves		N/A	
PROJECT DESCRIPTION					

Signal Rebuild (Mainline Route KY 121X - Intersecting Route KY 58 at MP 1.870)

<input checked="" type="checkbox"/>	No Additional Right of Way Required
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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)
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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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	 Digitally signed by Greg L. Morgan Date: 2022.01.12 11:15:52 -06'00'
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 Digitally signed by Kelly R. Divine Date: 2022.01.12 12:11:17 -06'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

	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)	
N/A		Graves		N/A		ER 9020 (427)	
PROJECT DESCRIPTION							

Signal Rebuild (Mainline Route KY 80X - Intersecting Route 9th Street at MP 1.666)

<input checked="" type="checkbox"/>	No Additional Right of Way Required
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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)
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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)
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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)
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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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	Greg L. Morgan Digitally signed by Greg L. Morgan Date: 2022.01.12 11:17:01 -06'00'
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 Digitally signed by Kelly R. Divine Date: 2022.01.12 12:15:36 -06'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

	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)	
N/A		Graves		N/A		ER 9020 (433)	
PROJECT DESCRIPTION							

Signal Rebuild (Mainline Route KY 121 - Intersecting Route KY 58 at MP 7.616)

<input checked="" type="checkbox"/>	No Additional Right of Way Required
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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)
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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)
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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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	Greg L. Morgan <small>Digitally signed by Greg L. Morgan Date: 2022.01.18 11:53:11 -06'00'</small>
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	 <small>Digitally signed by Kelly R. Divine Date: 2022.01.18 14:45:52 -06'00'</small>	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	



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

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RIGHT OF WAY CERTIFICATION

<input type="checkbox"/>	Original	<input checked="" type="checkbox"/>	Re-Certification	RIGHT OF WAY CERTIFICATION
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ITEM #	COUNTY	PROJECT # (STATE)	PROJECT # (FEDERAL)
N/A	Graves	N/A	ER 9020 (428)

PROJECT DESCRIPTION

Interstate 69 Ramp 241 MP 0.00 at KY 80.

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.

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.

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

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	Greg L. Morgan
Signature		Signature	Greg L. Morgan Digitally signed by Greg L. Morgan Date: 2022.05.13 10:41:58 -05'00'
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	Digitally signed by Kelly R. Divine Date: 2022.05.17 07:26:46 -05'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	



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

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<input checked="" type="checkbox"/>	Original	<input type="checkbox"/>	Re-Certification	RIGHT OF WAY CERTIFICATION
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ITEM #	COUNTY	PROJECT # (STATE)	PROJECT # (FEDERAL)
N/A	Marshall	N/A	ER 9020 (429)

PROJECT DESCRIPTION

Lighting Rebuild (Mainline Route I-69 - Intesecting Route KY 348 at MP 42.560)

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.

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.

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

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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg L. Morgan
Signature		Signature	Digitally signed by Greg L. Morgan Date: 2022.01.12 11:17:54 -06'00'
Date		Date	
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	Digitally signed by Kelly R. Divine Date: 2022.01.12 12:18:21 -06'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	



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

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<input checked="" type="checkbox"/>	Original	<input type="checkbox"/>	Re-Certification	RIGHT OF WAY CERTIFICATION
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ITEM #	COUNTY	PROJECT # (STATE)	PROJECT # (FEDERAL)
	Caldwell		ER 9020 (439)

PROJECT DESCRIPTION

High mast lighting, electrical service and control cabinet replacement I-69 at KY 91 MP 79.0.

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.

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.

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

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 (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Jennifer K Cox
Signature		Signature	2022.03.02 11:15:49
Date		Date	-06'00'
Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	Digitally signed by Kelly R. Divine Date: 2022.03.03 08:22:25 -06'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

UTILITIES AND RAIL CERTIFICATION NOTE

GRAVES COUNTY, ER 9020 (425)
MP's: 17.141, 16.932, 16.874, 17.190, 17.259, AND 17.329
US 45/SIGNAL AND LIGHTING REBUILDS
SIX YEAR PLAN ITEM NUMBER (N/A)

Utility coordination efforts conducted by the project sponsor have determined that no significant utility relocation work is required to complete the project. Any work pertaining to these utility facilities is defined in the bid package and is to be carried out as instructed by the Kentucky Transportation Cabinet. The contractor will be responsible for any coordination or adjustments that are discussed or quantified in the proposal.

Please be aware that significant damage has occurred in all areas listed. It will be the contractor's responsibility to verify the pertinent utilities are available at the sites indicated

THE FOLLOWING RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED

No Rail Involved **Minimal Rail Involved (See Below)** **Rail Involved (See Below)**

UNDERGROUND FACILITY DAMAGE PROTECTION – BEFORE YOU DIG

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.

SPECIAL CAUTION NOTE – PROTECTION OF UTILITIES

The contractor will be responsible for contacting all utility facility owners on the subject project to coordinate his activities. The contractor will coordinate his 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

UTILITIES AND RAIL CERTIFICATION NOTE

GRAVES COUNTY, ER 9020 (425)
MP's: 17.141, 16.932, 16.874, 17.190, 17.259, AND 17.329
US 45/SIGNAL AND LIGHTING REBUILDS
SIX YEAR PLAN ITEM NUMBER (N/A)

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.

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

AREA UTILITIES CONTACT LIST AS PROVIDED BY KY 811

<u>Utility Company/Agency</u>	<u>Contact Name</u>	<u>Contact Information</u>
MEWS (Water & Sewer)	Kevin Leonard	270-970-0310
MEWS (Electric)	Clint Woodward	270-519-9253
AT&T	Alan Shelby	270-210-3563
Atmos Energy	Eddie Tucker	270-556-2290
Charter Communications	Michael Lyons	812-202-0135

UTILITIES AND RAIL CERTIFICATION NOTE

GRAVES COUNTY, ER 9020 (426)
MP's: 1.727, 1.795, 1.870
KY 121X/SIGNAL AND LIGHTING REBUILDS
SIX YEAR PLAN ITEM NUMBER (N/A)

Utility coordination efforts conducted by the project sponsor have determined that no significant utility relocation work is required to complete the project. Any work pertaining to these utility facilities is defined in the bid package and is to be carried out as instructed by the Kentucky Transportation Cabinet. The contractor will be responsible for any coordination or adjustments that are discussed or quantified in the proposal.

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THE FOLLOWING RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED

No Rail Involved **Minimal Rail Involved (See Below)** **Rail Involved (See Below)**

UNDERGROUND FACILITY DAMAGE PROTECTION – BEFORE YOU DIG

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.

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SPECIAL CAUTION NOTE – PROTECTION OF UTILITIES

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UTILITIES AND RAIL CERTIFICATION NOTE

GRAVES COUNTY, ER 9020 (426)
MP's: 1.727, 1.795, 1.870
KY 121X/SIGNAL AND LIGHTING REBUILDS
SIX YEAR PLAN ITEM NUMBER (N/A)

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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.

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AREA UTILITIES CONTACT LIST AS PROVIDED BY KY 811

<u>Utility Company/Agency</u>	<u>Contact Name</u>	<u>Contact Information</u>
MEWS (Water & Sewer)	Kevin Leonard	270-970-0310
MEWS (Electric)	Clint Woodward	270-519-9253
AT&T	Alan Shelby	270-210-3563
Atmos Energy	Eddie Tucker	270-556-2290
Charter Communications	Michael Lyons	812-202-0135

UTILITIES AND RAIL CERTIFICATION NOTE

**GRAVES COUNTY, ER 9020 (427)
MP 1.666 at 9th Street
KY 80X/SIGNAL AND LIGHTING REBUILDS
SIX YEAR PLAN ITEM NUMBER (N/A)**

Utility coordination efforts conducted by the project sponsor have determined that no significant utility relocation work is required to complete the project. Any work pertaining to these utility facilities is defined in the bid package and is to be carried out as instructed by the Kentucky Transportation Cabinet. The contractor will be responsible for any coordination or adjustments that are discussed or quantified in the proposal.

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THE FOLLOWING RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED

No Rail Involved **Minimal Rail Involved (See Below)** **Rail Involved (See Below)**

UNDERGROUND FACILITY DAMAGE PROTECTION – BEFORE YOU DIG

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.

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SPECIAL CAUTION NOTE – PROTECTION OF UTILITIES

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UTILITIES AND RAIL CERTIFICATION NOTE

**GRAVES COUNTY, ER 9020 (427)
MP 1.666 at 9th Street
KY 80X/SIGNAL AND LIGHTING REBUILDS
SIX YEAR PLAN ITEM NUMBER (N/A)**

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.

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AREA UTILITIES CONTACT LIST AS PROVIDED BY KY 811

<u>Utility Company/Agency</u>	<u>Contact Name</u>	<u>Contact Information</u>
MEWS (Water & Sewer)	Kevin Leonard	270-970-0310
MEWS (Electric)	Clint Woodward	270-519-9253
AT&T	Alan Shelby	270-210-3563
Atmos Energy	Eddie Tucker	270-556-2290
Charter Communications	Michael Lyons	812-202-0135

UTILITIES AND RAIL CERTIFICATION NOTE

GRAVES COUNTY, ER 9020 (433)
MP: 7.616
KY 121/SIGNAL AND LIGHTING REBUILDS
SIX YEAR PLAN ITEM NUMBER (N/A)

Utility coordination efforts conducted by the project sponsor have determined that no significant utility relocation work is required to complete the project. Any work pertaining to these utility facilities is defined in the bid package and is to be carried out as instructed by the Kentucky Transportation Cabinet. The contractor will be responsible for any coordination or adjustments that are discussed or quantified in the proposal.

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THE FOLLOWING RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED

No Rail Involved **Minimal Rail Involved (See Below)** **Rail Involved (See Below)**

UNDERGROUND FACILITY DAMAGE PROTECTION – BEFORE YOU DIG

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SPECIAL CAUTION NOTE – PROTECTION OF UTILITIES

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UTILITIES AND RAIL CERTIFICATION NOTE

GRAVES COUNTY, ER 9020 (433)
MP: 7.616
KY 121/SIGNAL AND LIGHTING REBUILDS
SIX YEAR PLAN ITEM NUMBER (N/A)

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AREA UTILITIES CONTACT LIST AS PROVIDED BY KY 811

<u>Utility Company/Agency</u>	<u>Contact Name</u>	<u>Contact Information</u>
MEWS (Water & Sewer)	Kevin Leonard	270-970-0310
MEWS (Electric)	Clint Woodward	270-519-9253
AT&T	Alan Shelby	270-210-3563
Atmos Energy	Eddie Tucker	270-556-2290
Charter Communications	Michael Lyons	812-202-0135

UTILITIES AND RAIL CERTIFICATION NOTE

**GRAVES COUNTY, ER 9020 (428)
I-69 Ramp 241 MP 0.000 at KY 80
LIGHTING REBUILD
SIX YEAR PLAN ITEM NUMBER (N/A)**

Utility coordination efforts conducted by the project sponsor have determined that no significant utility relocation work is required to complete the project. Any work pertaining to these utility facilities is defined in the bid package and is to be carried out as instructed by the Kentucky Transportation Cabinet. The contractor will be responsible for any coordination or adjustments that are discussed or quantified in the proposal.

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No Rail Involved **Minimal Rail Involved (See Below)** **Rail Involved (See Below)**

UNDERGROUND FACILITY DAMAGE PROTECTION – BEFORE YOU DIG

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.

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SPECIAL CAUTION NOTE – PROTECTION OF UTILITIES

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UTILITIES AND RAIL CERTIFICATION NOTE

**GRAVES COUNTY, ER 9020 (428)
I-69 Ramp 241 MP 0.000 at KY 80
LIGHTING REBUILD
SIX YEAR PLAN ITEM NUMBER (N/A)**

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AREA UTILITIES CONTACT LIST AS PROVIDED BY KY 811

<u>Utility Company/Agency</u>	<u>Contact Name</u>	<u>Contact Information</u>
MEWS (Water & Sewer)	Kevin Leonard	270-970-0310
MEWS (Electric)	Clint Woodward	270-519-9253
AT&T	Alan Shelby	270-210-3563
Atmos Energy	Eddie Tucker	270-556-2290
Charter Communications	Michael Lyons	812-202-0135

UTILITIES AND RAIL CERTIFICATION NOTE

**MARSHALL COUNTY, ER 9020 (429)
MP 42.560 at KY 348
I69/SIGNAL AND LIGHTING REBUILDS
SIX YEAR PLAN ITEM NUMBER (N/A)**

Utility coordination efforts conducted by the project sponsor have determined that no significant utility relocation work is required to complete the project. Any work pertaining to these utility facilities is defined in the bid package and is to be carried out as instructed by the Kentucky Transportation Cabinet. The contractor will be responsible for any coordination or adjustments that are discussed or quantified in the proposal.

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THE FOLLOWING RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED

No Rail Involved **Minimal Rail Involved (See Below)** **Rail Involved (See Below)**

UNDERGROUND FACILITY DAMAGE PROTECTION – BEFORE YOU DIG

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SPECIAL CAUTION NOTE – PROTECTION OF UTILITIES

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UTILITIES AND RAIL CERTIFICATION NOTE

**MARSHALL COUNTY, ER 9020 (429)
MP 42.560 at KY 348
I69/SIGNAL AND LIGHTING REBUILDS
SIX YEAR PLAN ITEM NUMBER (N/A)**

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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.

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AREA UTILITIES CONTACT LIST AS PROVIDED BY KY 811

<u>Utility Company/Agency</u>	<u>Contact Name</u>	<u>Contact Information</u>
City of Benton (Water & Sewer)	Rita Dotson	270-527-8677
Benton Electric	Kent Rudd	270-527-3666
AT&T	Alan Shelby	270-210-3563
Benton Gas	Todd Riley	270-527-3717
Charter Communications	Michael Lyons	812-202-0135

UTILITIES AND RAIL CERTIFICATION NOTE

**ER 9020 (439)
Caldwell County
I-69 MP 79.000
I-69 Lighting**

GENERAL PROJECT NOTE ON UTILITY PROTECTION

No Known Utility Impacts

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

N/A

The Contractor is fully responsible for protection of all utilities listed above

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

N/A

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

N/A

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

N/A

THE FOLLOWING RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED

- No Rail Involved Minimal Rail Involved (See Below) Rail Involved (See Below)

UTILITIES AND RAIL CERTIFICATION NOTE

**ER 9020 (439)
Caldwell County
I-69 MP 79.000
I-69 Lighting**

UNDERGROUND FACILITY DAMAGE PROTECTION – BEFORE YOU DIG

~~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.

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UTILITIES AND RAIL CERTIFICATION NOTE

**ER 9020 (439)
Caldwell County
I-69 MP 79.000
I-69 Lighting**

AREA UTILITIES CONTACT LIST

NOTE: The Utilities Contact List is provided as informational only, and may not be a complete list of all Utility Companies with facilities in the project area.

MATERIAL SUMMARY

CONTRACT ID: 224319

121GR22T016-ER

0104200452201

US HIGHWAY 45 (US 45) SIGNAL REBUILDS AT VARIOUS INTERSECTIONS ALONG US 45 AND US 45 ONE-WAY SIGNS-LIGHTING-SIGNALS, A DISTANCE OF .46 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0395	02562	TEMPORARY SIGNS	1,200.00	SQFT
0400	02650	MAINTAIN & CONTROL TRAFFIC - (GRAVES US 45)	1.00	LS
0405	02775	ARROW PANEL	12.00	EACH
0410	04780	FUSED CONNECTOR KIT	43.00	EACH
0415	04820	TRENCHING AND BACKFILLING	435.00	LF
0420	04821	OPEN CUT ROADWAY	1,358.00	LF
0425	04844	CABLE-NO. 14/5C	575.00	LF
0430	04845	CABLE-NO. 14/7C	5,503.00	LF
0435	04881	MAST ARM POLE	8.00	EACH
0440	04885	MESSENGER-10800 LB	225.00	LF
0445	04932	INSTALL STEEL STRAIN POLE	8.00	EACH
0450	04960	REMOVE AND REPLACE SIDEWALK	64.00	SQYD
0455	06406	SBM ALUM SHEET SIGNS .080 IN	96.00	SQFT
0460	20093NS835	INSTALL PEDESTRIAN HEAD-LED	32.00	EACH
0465	20188NS835	INSTALL LED SIGNAL-3 SECTION	29.00	EACH
0470	20390NS835	INSTALL COORDINATING UNIT	4.00	EACH
0475	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	10.00	EACH
0480	20392NS835	ELECTRICAL JUNCTION BOX TYPE C	3.00	EACH
0485	20408ES835	INSTALL LED BEACON-12 IN	12.00	EACH
0490	21743NN	INSTALL PEDESTRIAN DETECTOR	32.00	EACH
0495	23157EN	TRAFFIC SIGNAL POLE BASE	64.50	CUYD
0500	23222EC	INSTALL SIGNAL PEDESTAL	8.00	EACH
0505	23235EC	INSTALL PEDESTAL POST	1.00	EACH
0510	24488ED	INSTALL MAST ARM MOUNTED SIGN	16.00	EACH
0515	24526ED	INSTALL-BEACON CONTROLLER-2 CIRCUIT	2.00	EACH
0520	24900EC	PVC CONDUIT-1 1/4 IN-SCHEDULE 80	60.00	LF
0525	24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	2,143.00	LF
0530	24908EC	INSTALL SIGNAL CONTROLLER-TY ATC	4.00	EACH
0535	24955ED	REMOVE SIGNAL EQUIPMENT	6.00	EACH
0540	26119EC	INSTALL RADAR PRESENCE DETECTOR TYPE A	13.00	EACH
0545	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 224319

121GR22T016-ER

0104200692201

RAMP 241 AT INTERSTATE 69 EXIT 21 (I-69 RAMP 241) LIGHTING REPAIRS ALONG I-69 RAMP 241 AND AT THE INTERSECTION WITH KY 80 SIGNS-LIGHTING-SIGNALS, A DISTANCE OF .2 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0035	02562	TEMPORARY SIGNS	300.00	SQFT
0040	02650	MAINTAIN & CONTROL TRAFFIC - (GRAVES I-69)	1.00	LS
0045	02775	ARROW PANEL	2.00	EACH
0050	04714	POLE 120 FT MTG HT HIGH MAST	3.00	EACH
0055	04761	LIGHTING CONTROL EQUIPMENT	1.00	EACH
0060	04820	TRENCHING AND BACKFILLING	50.00	LF
0065	04833	WIRE-NO. 8	6,000.00	LF
0070	04940	REMOVE LIGHTING - (GRAVES I-69)	1.00	LS
0075	23161EN	POLE BASE-HIGH MAST	20.00	CUYD
0080	24749EC	HIGH MAST LED LUMINAIRE	20.00	EACH
0085	24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	50.00	LF
0090	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 224319

121GR22T016-ER

0104201212201

SOUTH CASTLEMAN BYPASS (KY 121) SIGNAL REBUILD AT THE INTERSECTION OF KY 121 & KY 58 SIGNS-LIGHTING-SIGNALS, A DISTANCE OF .1 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0220	02562	TEMPORARY SIGNS	200.00	SQFT
0225	02650	MAINTAIN & CONTROL TRAFFIC - (GRAVES KY 121)	1.00	LS
0230	02775	ARROW PANEL	2.00	EACH
0235	04845	CABLE-NO. 14/7C	1,800.00	LF
0240	24955ED	REMOVE SIGNAL EQUIPMENT	1.00	EACH
0245	26120EC	INSTALL RADAR ADVANCE DETECTOR TYPE B	2.00	EACH
0250	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 224319

121GR22T016-ER

01042080X2201

WEST BROADWAY (KY 80X) SIGNAL REBUILD AT THE INTERSECTION OF KY 80X & 9TH STREET SIGNS-LIGHTING-SIGNALS, A DISTANCE OF .1 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0095	02562	TEMPORARY SIGNS	200.00	SQFT
0100	02650	MAINTAIN & CONTROL TRAFFIC - (GRAVES KY 80X)	1.00	LS
0105	02775	ARROW PANEL	2.00	EACH
0110	04780	FUSED CONNECTOR KIT	10.00	EACH
0115	04820	TRENCHING AND BACKFILLING	60.00	LF
0120	04821	OPEN CUT ROADWAY	361.00	LF
0125	04845	CABLE-NO. 14/7C	1,731.00	LF
0130	04881	MAST ARM POLE	2.00	EACH
0135	04960	REMOVE AND REPLACE SIDEWALK	20.00	SQYD
0140	06406	SBM ALUM SHEET SIGNS .080 IN	18.00	SQFT
0145	20093NS835	INSTALL PEDESTRIAN HEAD-LED	8.00	EACH
0150	20188NS835	INSTALL LED SIGNAL-3 SECTION	11.00	EACH
0155	20390NS835	INSTALL COORDINATING UNIT	1.00	EACH
0160	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	2.00	EACH
0165	20392NS835	ELECTRICAL JUNCTION BOX TYPE C	1.00	EACH
0170	21743NN	INSTALL PEDESTRIAN DETECTOR	8.00	EACH
0175	23157EN	TRAFFIC SIGNAL POLE BASE	10.00	CUYD
0180	23222EC	INSTALL SIGNAL PEDESTAL	2.00	EACH
0185	24488ED	INSTALL MAST ARM MOUNTED SIGN	2.00	EACH
0190	24900EC	PVC CONDUIT-1 1/4 IN-SCHEDULE 80	20.00	LF
0195	24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	481.00	LF
0200	24908EC	INSTALL SIGNAL CONTROLLER-TY ATC	1.00	EACH
0205	24955ED	REMOVE SIGNAL EQUIPMENT	1.00	EACH
0210	26119EC	INSTALL RADAR PRESENCE DETECTOR TYPE A	4.00	EACH
0215	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 224319

121GR22T016-ER

01042121X2201

SOUTH SIXTH STREET (KY 121X) SIGNAL REBUILDS AT VARIOUS INTERSECTIONS ALONG KY 121X SIGNS-LIGHTING-SIGNALS, A DISTANCE OF .14 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0255	02562	TEMPORARY SIGNS	400.00	SQFT
0260	02650	MAINTAIN & CONTROL TRAFFIC - (GRAVES KY 121X)	1.00	LS
0265	02775	ARROW PANEL	8.00	EACH
0270	04780	FUSED CONNECTOR KIT	30.00	EACH
0275	04811	ELECTRICAL JUNCTION BOX TYPE B	1.00	EACH
0280	04820	TRENCHING AND BACKFILLING	210.00	LF
0285	04821	OPEN CUT ROADWAY	940.00	LF
0290	04844	CABLE-NO. 14/5C	640.00	LF
0295	04845	CABLE-NO. 14/7C	4,455.00	LF
0300	04881	MAST ARM POLE	6.00	EACH
0305	04935	TEMP SIGNAL - (GRAVES KY 121X)	1.00	LS
0310	04960	REMOVE AND REPLACE SIDEWALK	34.00	SQYD
0315	06406	SBM ALUM SHEET SIGNS .080 IN	18.00	SQFT
0320	20093NS835	INSTALL PEDESTRIAN HEAD-LED	24.00	EACH
0325	20188NS835	INSTALL LED SIGNAL-3 SECTION	32.00	EACH
0330	20390NS835	INSTALL COORDINATING UNIT	3.00	EACH
0335	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	8.00	EACH
0340	20392NS835	ELECTRICAL JUNCTION BOX TYPE C	1.00	EACH
0345	21743NN	INSTALL PEDESTRIAN DETECTOR	24.00	EACH
0350	23157EN	TRAFFIC SIGNAL POLE BASE	29.00	CUYD
0355	23222EC	INSTALL SIGNAL PEDESTAL	6.00	EACH
0360	24488ED	INSTALL MAST ARM MOUNTED SIGN	5.00	EACH
0365	24900EC	PVC CONDUIT-1 1/4 IN-SCHEDULE 80	100.00	LF
0370	24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	1,520.00	LF
0375	24908EC	INSTALL SIGNAL CONTROLLER-TY ATC	3.00	EACH
0380	24955ED	REMOVE SIGNAL EQUIPMENT	3.00	EACH
0385	26119EC	INSTALL RADAR PRESENCE DETECTOR TYPE A	12.00	EACH
0390	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 224319

121GR22T016-ER

0107900692201

INTERSTATE 69 (I-69) LIGHTING REPAIRS AT THE INTERCHANGE OF I-69 & KY 348 SIGNS-LIGHTING-SIGNALS, A DISTANCE OF .6 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0550	02562	TEMPORARY SIGNS	300.00	SQFT
0555	02650	MAINTAIN & CONTROL TRAFFIC - (MARSHALL I-69)	1.00	LS
0560	02775	ARROW PANEL	2.00	EACH
0565	04714	POLE 120 FT MTG HT HIGH MAST	1.00	EACH
0570	04940	REMOVE LIGHTING - (MARSHALL I-69)	1.00	LS
0575	24749EC	HIGH MAST LED LUMINAIRE	8.00	EACH
0580	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 224319

121GR22T016-ER

0201700692201

INTERSTATE 69 (I-69) LIGHTING REPAIRS AT THE INTERCHANGE OF I-69 & KY 91 SIGNS-LIGHTING-SIGNALS, A DISTANCE OF .7 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	02562	TEMPORARY SIGNS	300.00	SQFT
0010	02650	MAINTAIN & CONTROL TRAFFIC - (CALDWELL I-69)	1.00	LS
0015	02775	ARROW PANEL	2.00	EACH
0020	04940	REMOVE LIGHTING - (CALDWELL I-69)	1.00	LS
0025	24601EC	INSTALL - -LIGHTING CONTROL EQUIPMENT	1.00	EACH
0030	02569	DEMOBILIZATION	1.00	LS

Tim Tharpe - Director
Phone (502) 564-3020
FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
FOR SIGNAL AND LIGHTING**

Note: Email form with signatures to KYTC's warehouse (kim.stamper@ky.gov) at least two (2) days prior to arrival for pickup. Ensure Contractor's delivery driver has a copy of form with signatures. Failure to do either may result in long delays or refusal to distribute materials upon arrival.

Item Number: na
County: graves
Description: (WALNUT)us45 @ 9TH

Cabinets	Master code	
1	T-01-0000	Aluminum Cabinet (Beacon)

Signals		
6	T-02-0001	1-section beacon backplate
6	T-02-0080	12 inch red/yellowbeacon
6	T-02-0330	LED Module 12" red ball

Poles		
4	T-04-0010	Steel Strain Pole 28 foot

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project
 Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

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Item Number: na
 County: graves
 Description: US 45 @ SOUTH ST.

Cabinets	Master code	
1	T-01-0020	Base Mounted 332 Cabinet
1	T-01-0105	ATC Controller
1	T-01-0106	1C w/Maxtime (this should go with item ATC controller)
1	T-01-0501	Conflict Monitor, Model 2018
3	T-01-0510	Isolator, Model 242 (1 for 2070, plus for ped detector and railroad)
9	T-01-0700	Load Switches

Signals		
9	T-02-0009	Siemens 3 Section Signal
8	T-02-0090	Pedestrian signal housing
1	T-02-0300	LED Module 12" red arrow
2	T-02-0310	LED Module 12" yellow arrow
8	T-02-0330	LED Module 12" red ball
8	T-02-0340	LED Module 12" yellow ball
8	T-02-0350	LED Module 12" green ball
8	T-02-0365	LED Countdown Pedestrian Module

Special items		
1	T-02-0504	Router (this includes power supply/antenna/cabling)
2	T-02-0660	Pedstl.top mntg.bkt Two-way
1	T-02-0661	Post Top for Pedestal (each)
3	T-02-0670	Pedestal
8	T-06-0710	Ped Detector Pole Mount FSA Box
8	T-06-0730	Ped Button w/o Plunger
8	T-17-0015	9 X 15 Countdown Ped Sign DBL Sided
9	T-02-0640	Mast arm mount signal bracket (3 section)
2	T-02-0643	Mast arm sign hangers 30"
1	T-02-0644	Mast arm sign hangers 36"
4	T-02-0646	Mast Arm Dampers
1		RADAR TYPE A

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project
 Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
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Item Number: NA
 County: GRAVES
 Description: us 45 at ky 80x and ky58

Cabinets		Master code
1	T-01-0020	Base Mounted 332 Cabinet
1	T-01-0105	ATC Controller
1	T-01-0106	1C w/Maxtime (this should go with item ATC controller)
1	T-01-0501	Conflict Monitor, Model 2018
3	T-01-0510	Isolator, Model 242 (1 for 2070, plus for ped detector and railroad)
8	T-01-0700	Load Switches

Signals		Master code
7	T-02-0009	Siemens 3 Section Signal
8	T-02-0090	Pedestrian signal housing
1	T-02-0300	LED Module 12" red arrow
2	T-02-0310	LED Module 12" yellow arrow
6	T-02-0330	LED Module 12" red ball
6	T-02-0340	LED Module 12" yellow ball
6	T-02-0350	LED Module 12" green ball
8	T-02-0365	LED Countdown Pedestrian Module

Special items		Master code
1	T-02-0504	Router (this includes power supply/antenna/cabling)
2	T-02-0660	Pedstl.top mntg.bkt Two-way
2	T-02-0670	Pedestal
8	T-06-0710	Ped Detector Pole Mount FSA Box
8	T-06-0730	Ped Button w/o Plunger
8	T-17-0015	9 X 15 Countdown Ped Sign DBL Sided
7	T-02-0640	Mast arm mount signal bracket (3 section)
7	T-02-0644	Mast arm sign hangers 36"
3	T-02-0646	Mast Arm Dampers
1		RADAR

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project
 Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
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DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
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Item Number: na
 County: graves
 Description: us 45 @ north

Cabinets	Master code	
1	T-01-0020	Base Mounted 332 Cabinet
1	T-01-0105	ATC Controller
1	T-01-0106	1C w/Maxtime (this should go with item ATC controller)
3	T-01-0510	Isolator, Model 242 (1 for 2070, plus for ped detector and railroad)
7	T-01-0700	Load Switches

Signals		
6	T-02-0009	Siemens 3 Section Signal
8	T-02-0090	Pedestrian signal housing
6	T-02-0330	LED Module 12" red ball
6	T-02-0340	LED Module 12" yellow ball
6	T-02-0350	LED Module 12" green ball
8	T-02-0365	LED Countdown Pedestrian Module

Special items		
1	T-02-0504	Router (this includes power supply/antenna/cabling)
2	T-02-0660	Pedstl.top mntg.bkt Two-way
2	T-02-0670	Pedestal
8	T-06-0710	Ped Detector Pole Mount FSA Box
8	T-06-0730	Ped Button w/o Plunger
8	T-17-0015	9 X 15 Countdown Ped Sign DBL Sided
6	T-02-0640	Mast arm mount signal bracket (3 section)
2	T-02-0643	Mast arm sign hangers 30"
3	T-02-0646	Mast Arm Dampers
1		radar

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project
 Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
FOR SIGNAL AND LIGHTING**

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Item Number: N/A

County: Graves

Description: US 45 ONE-WAY (WATER ST) @ 9TH BEACON

Cabinets	Master code	
1	T-01-0000	Aluminum Cabinet (Beacon)

Signals		
6	T-02-0001	1-section beacon backplate
6	T-02-0080	12 inch red/yellowbeacon
6	T-02-0330	LED Module 12" red ball

Poles		
4	T-04-0010	Steel Strain Pole 28 foot

REQUIRED

Electrical Contractor Name _____

Electrical Contractor Supervisor _____ Contact number for Supervisor _____

Project Engineer _____ Contact number for Project Engineer _____

Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project

Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
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DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
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Item Number: na
 County: graves
 Description: us 45 one way @ ky80x ky 58

Cabinets	Master code	
1	T-01-0020	Base Mounted 332 Cabinet
1	T-01-0105	ATC Controller
1	T-01-0106	1C w/Maxtime (this should go with item ATC controller)
1	T-01-0501	Conflict Monitor, Model 2018
3	T-01-0510	Isolator, Model 242 (1 for 2070, plus for ped detector and railroad)
8	T-01-0700	Load Switches

Signals		
7	T-02-0009	Siemens 3 Section Signal
8	T-02-0090	Pedestrian signal housing
1	T-02-0300	LED Module 12" red arrow
2	T-02-0310	LED Module 12" yellow arrow
6	T-02-0330	LED Module 12" red ball
6	T-02-0340	LED Module 12" yellow ball
6	T-02-0350	LED Module 12" green ball
8	T-02-0365	LED Countdown Pedestrian Module

Special items		
1	T-02-0504	Router (this includes power supply/antenna/cabling)
2	T-02-0660	Pedstl.top mntg.bkt Two-way
2	T-02-0670	Pedestal
8	T-06-0710	Ped Detector Pole Mount FSA Box
8	T-06-0730	Ped Button w/o Plunger
8	T-17-0015	9 X 15 Countdown Ped Sign DBL Sided
6	T-02-0644	Mast arm sign hangers 36"
1		radar
3	T-02-0646	Mast Arm Dampers

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project
 Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

**PERMIT MATERIALS RELEASE FORM
ON TRAFFIC SIGNALS/LIGHTING**

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Permit Number NA
County: GRAVES
Description: KY 121X @ WATER

Cabinets	Master code	
1	T-01-0020	Base Mounted 332 Cabinet
1	T-01-0105	ATC Controller
1	T-01-0106	1C w/Maxtime (this should go with item ATC controller)
1	T-01-0501	Conflict Monitor, Model 2018
3	T-01-0510	Isolator, Model 242 (1 for 2070, plus for ped detector and railroad)
10	T-01-0700	Load Switches

Signals		
10	T-02-0009	Siemens 3 Section Signal
8	T-02-0099	Audible pedestrian detector
2	T-02-0300	LED Module 12" red arrow
4	T-02-0310	LED Module 12" yellow arrow
8	T-02-0330	LED Module 12" red ball
8	T-02-0340	LED Module 12" yellow ball
8	T-02-0350	LED Module 12" green ball
8	T-02-0365	LED Countdown Pedestrian Module

Special items		
1	T-02-0504	Router (this includes power supply/antenna/cabling)
2	T-02-0660	Pedstl.top mntg.bkt Two-way
2	T-02-0670	Pedestal
8	T-06-0710	Ped Detector Pole Mount FSA Box
8	T-06-0730	Ped Button w/o Plunger
8	T-17-0015	9 X 15 Countdown Ped Sign DBL Sided
2	T-02-0644	Mast arm sign hangers 36"
11	T-02-0640	Mast arm mount signal bracket (3 section)
4	T-02-0646	Mast Arm Dampers
1		radar

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project or Developer _____
 Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
FOR SIGNAL AND LIGHTING**

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Item Number: NA
 County: Graves
 Description: Ky 121x @ south street

Cabinets	Master code	
1	T-01-0020	Base Mounted 332 Cabinet
1	T-01-0105	ATC Controller
1	T-01-0106	1C w/Maxtime (this should go with item ATC controller)
1	T-01-0501	Conflict Monitor, Model 2018
3	T-01-0510	Isolator, Model 242 (1 for 2070, plus for ped detector and railroad)
11	T-01-0700	Load Switches

Signals		
11	T-02-0009	Siemens 3 Section Signal
8	T-02-0090	Pedestrian signal housing
3	T-02-0300	LED Module 12" red arrow
5	T-02-0310	LED Module 12" yellow arrow
8	T-02-0330	LED Module 12" red ball
8	T-02-0340	LED Module 12" yellow ball
8	T-02-0350	LED Module 12" green ball
8	T-02-0365	LED Countdown Pedestrian Module

Special items		
1	T-02-0504	Router (this includes power supply/antenna/cabling)
3	T-02-0660	Pedstl.top mntg.bkt Two-way
3	T-02-0670	Pedestal
8	T-06-0710	Ped Detector Pole Mount FSA Box
8	T-06-0730	Ped Button w/o Plunger
8	T-17-0015	9 X 15 Countdown Ped Sign DBL Sided
11	T-02-0640	Mast arm mount signal bracket (3 section)
4	T-02-0646	Mast Arm Dampers
1		radar

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project
 Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
FOR SIGNAL AND LIGHTING**

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Item Number: NA
 County: GRAVES
 Description: KY 121X @ KY 58

Cabinets	Master code	
1	T-01-0020	Base Mounted 332 Cabinet
1	T-01-0105	ATC Controller
1	T-01-0106	1C w/Maxtime (this should go with item ATC controller)
1	T-01-0501	Conflict Monitor, Model 2018
3	T-01-0510	Isolator, Model 242 (1 for 2070, plus for ped detector and railroad)
11	T-01-0700	Load Switches

Signals		
11	T-02-0009	Siemens 3 Section Signal
8	T-02-0090	Pedestrian signal housing
3	T-02-0300	LED Module 12" red arrow
6	T-02-0310	LED Module 12" yellow arrow
8	T-02-0330	LED Module 12" red ball
8	T-02-0340	LED Module 12" yellow ball
8	T-02-0350	LED Module 12" green ball
8	T-02-0365	LED Countdown Pedestrian Module

Special items		
1	T-02-0504	Router (this includes power supply/antenna/cabling)
2	T-02-0660	Pedstl.top mntg.bkt Two-way
2	T-02-0670	Pedestal
8	T-06-0710	Ped Detector Pole Mount FSA Box
8	T-06-0730	Ped Button w/o Plunger
8	T-17-0015	9 X 15 Countdown Ped Sign DBL Sided
11	T-02-0640	Mast arm mount signal bracket (3 section)
1	T-02-0644	Mast arm sign hangers 36"
4	T-02-0646	Mast Arm Dampers
1		RADAR

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project
 Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
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Item Number: NA

County: Graves

Description: ky 80x @ 9th

Cabinets	Master code	
1	T-01-0020	Base Mounted 332 Cabinet
1	T-01-0105	ATC Controller
1	T-01-0106	1C w/Maxtime (this should go with item ATC controller)
1	T-01-0501	Conflict Monitor, Model 2018
3	T-01-0510	Isolator, Model 242 (1 for 2070, plus for ped detector and railroad)
11	T-01-0700	Load Switches

Signals		
11	T-02-0009	Siemens 3 Section Signal
8	T-02-0090	Pedestrian signal housing
3	T-02-0300	LED Module 12" red arrow
6	T-02-0310	LED Module 12" yellow arrow
8	T-02-0330	LED Module 12" red ball
8	T-02-0340	LED Module 12" yellow ball
8	T-02-0350	LED Module 12" green ball
8	T-02-0365	LED Countdown Pedestrian Module

Special items		
1	T-02-0504	Router (this includes power supply/antenna/cabling)
2	T-02-0660	Pedstl.top mntg.bkt Two-way
2	T-02-0670	Pedestal
8	T-06-0710	Ped Detector Pole Mount FSA Box
8	T-06-0730	Ped Button w/o Plunger
8	T-17-0015	9 X 15 Countdown Ped Sign DBL Sided
11	T-02-0640	Mast arm mount signal bracket (3 section)
2	T-02-0644	Mast arm sign hangers 36"
4	T-02-0646	Mast Arm Dampers
1		RADAR TYPE A

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project
 Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
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Item Number: NA
County: GRAVES
Description: KY 121 @ KY 58

MISC	Master code
1	radar detector

REQUIRED

Electrical Contractor Name _____

Electrical Contractor Supervisor _____ Contact number for Supervisor _____

Project Engineer _____ Contact number for Project Engineer _____

Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project

Signature of Project Engineer or Designee _____

Tim Tharpe - Director
Phone (502) 564-3020
FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
FOR SIGNAL AND LIGHTING**

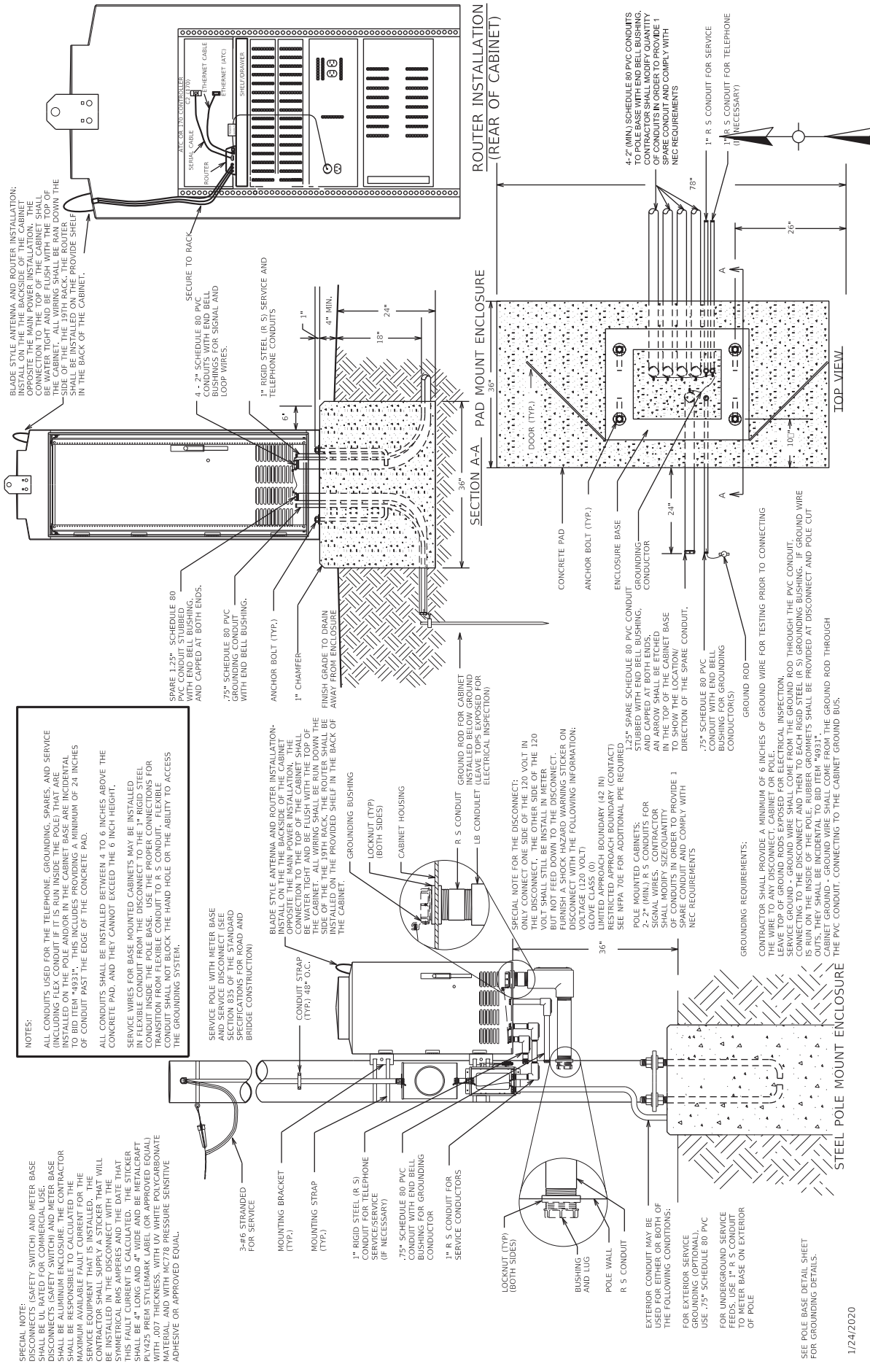
Note: Email form with signatures to KYTC's warehouse (kim.stamper@ky.gov) at least two (2) days prior to arrival for pickup. Ensure Contractor's delivery driver has a copy of form with signatures. Failure to do either may result in long delays or refusal to distribute materials upon arrival.

Item Number: NA
County: CALDWELL
Description: I69 @ KY 91

Cabinets	Master code
1	Special Lighting Cabinet

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project
 Signature of Project Engineer or Designee _____



BLADE STYLE ANTENNA AND ROUTER INSTALLATION:
CONNECTION TO THE MAIN POWER INSTALLATION. THE
CONNECTION TO THE TOP OF THE CABINET SHALL
OPPOSITE THE MAIN POWER INSTALLATION. THE
SERIAL CABLE, ETHERNET CABLE, AND ETHERNET (RJ45)
ETHERNET CABLE SHALL BE INSTALLED ON THE
SIDE OF THE 19TH RACK. THE ROUTER SHALL BE
INSTALLED ON THE PROVIDED SHELF IN THE BACK OF
THE CABINET.

NOTES:
ALL CONDUITS USED FOR THE TELEPHONE, GROUNDING, SERVICE AND SERVICE
(INCLUDING FLEXIBLE CONDUIT IF USED) SHALL BE INSTALLED ON THE
INSIDE OF THE POLE AND/OR IN THE CABINET BASE ARE INCIDENTAL
TO BID ITEM #9311. THIS INCLUDES PROVIDING A MINIMUM OF 24 INCHES
OF CONDUIT PAST THE EDGE OF THE CONCRETE PAD.
ALL CONDUITS SHALL BE INSTALLED BETWEEN 4 TO 6 INCHES ABOVE THE
CONCRETE PAD, AND THEY CANNOT EXCEED THE 6 INCH HEIGHT.
SERVICE WIRES FOR BASE MOUNTED CABINETS MAY BE INSTALLED
ON THE EXTERIOR OF THE POLE BASE. USE THE PROPER CONNECTIONS FOR
CONDUIT INSIDE THE POLE BASE. USE THE PROPER CONNECTIONS FOR
CONDUIT FROM FLEXIBLE CONDUIT TO R 5 CONDUIT. FLEXIBLE
CONDUIT SHALL NOT BLOCK THE HAND HOLE OR THE ABILITY TO ACCESS
THE GROUNDING SYSTEM.

SPECIAL NOTE:
DISCONNECTS (SAFETY SWITCH AND METER BASE
DISCONNECTS) SHALL BE UL RATED FOR COMMERCIAL USE.
DISCONNECTS (SAFETY SWITCH AND METER BASE
DISCONNECTS) SHALL BE ALUMINUM ENCLOSURE. THE CONTRACTOR
SHALL BE RESPONSIBLE TO CALCULATE THE
LOADING OF THE DISCONNECT. THE
SERVICE EQUIPMENT THAT IS INSTALLED, THE
CONTRACTOR SHALL SUPPLY A STICKER THAT WILL
BE INSTALLED IN THE DISCONNECT WITH THE
SYMMETRICAL RMS AMPERES AND THE DATE THAT
IT WAS INSTALLED. THE DISCONNECT SHALL BE
PL425 PREM STYLE MARK LABEL (OR APPROVED EQUAL)
WITH .007 THICKNESS. WITH UV WHITE POLYCARBONATE
MATERIAL AND WITH MCF78 PRESSURE SENSITIVE
ADHESIVE OR APPROVED EQUAL.

3-#6 STRANDED
FOR SERVICE

MOUNTING BRACKET
(TYP.)

MOUNTING STRAP
(TYP.)

CONDUIT STRAP
(TYP.) 48" O.C.

1" RIGID STEEL (R 5)
CONDUIT FOR TELEPHONE
SERVICE SERVICE
(IF NECESSARY)

.75" SCHEDULE 80 PVC
CONDUIT WITH END BELL
BUSHING FOR GROUNDING
CONDUCTOR

1" R 5 CONDUIT FOR
SERVICE CONDUCTORS

LOCKNUT (TYP.)
(BOTH SIDES)

BUSHING
AND LUG

POLE WALL

ROUNDER INSTALLATION
(REAR OF CABINET)

SECTION A-A

PAD MOUNT ENCLOSURE

TOP VIEW

STEEL POLE MOUNT ENCLOSURE

CONCRETE PAD (TYP.)

ANCHOR BOLT (TYP.)

ENCLOSURE BASE
GROUNDING
CONDUCTOR

2-2" (MIN.) R 5 CONDUITS FOR
SIGNAL WIRES. CONTRACTOR
OF CONDUITS IN ORDER TO PROVIDE 1
SPARE CONDUIT AND COMPLY WITH
NEC REQUIREMENTS

.75" SCHEDULE 80 PVC
CONDUIT WITH END BELL
BUSHING FOR GROUNDING
CONDUCTOR(S)

GROUND ROD

CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR TESTING PRIOR TO CONNECTING
THE WIRE TO ANY DISCONNECT, CABINET OR POLE.
SERVICE GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT.
CONNECTING TO THE DISCONNECT AND THEN TO EACH RIGID STEEL (R 5) GROUNDING BUSHING. IF GROUND WIRE
IS RUN ON THE INSIDE OF THE POLE, RUBBER GROMMETS SHALL BE PROVIDED AT DISCONNECT AND POLE CUT
OUTS. THEY SHALL BE INCIDENTAL TO BID ITEM #9311. THE GROUND ROD THROUGH
THE PVC CONDUIT, CONNECTING TO THE CABINET GROUND BUS.

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COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

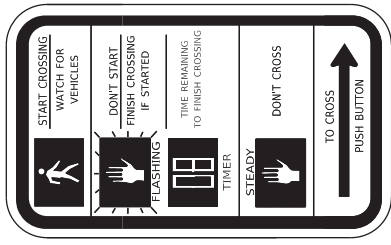
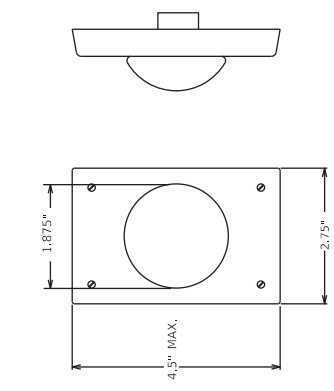
DATE PLOTTED: 07/20/2015 7:08:02 PM
USER: techwasp@pkr

DATE: 1/24/2020

DRAWING TITLE: CABINET DETAIL

HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 50'

ITEM NO. N/A
COUNTY OF GRAVES
SHEET NO. 72

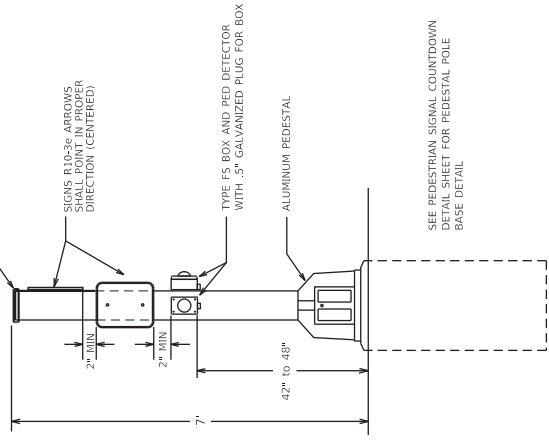
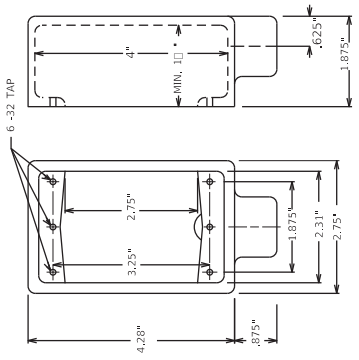


PED DETECTOR

#9 X 1.5" PAN HEAD OR ROUND HEAD WOOD SCREWS TO SECURE BOX TO POST. MINIMUM OF 2 SCREWS FOR EACH BOX. SCREWS SHALL BE INSTALLED DIAGONALLY.

**R-10-3e SIGN (9" X 15")
FOR COUNTDOWN ONLY**

TYPE FS BOX FOR PED DETECTOR FOR USE WITH STEEL STRAIN POLE, WOOD POST, PEDESTAL, AND WOOD POLE

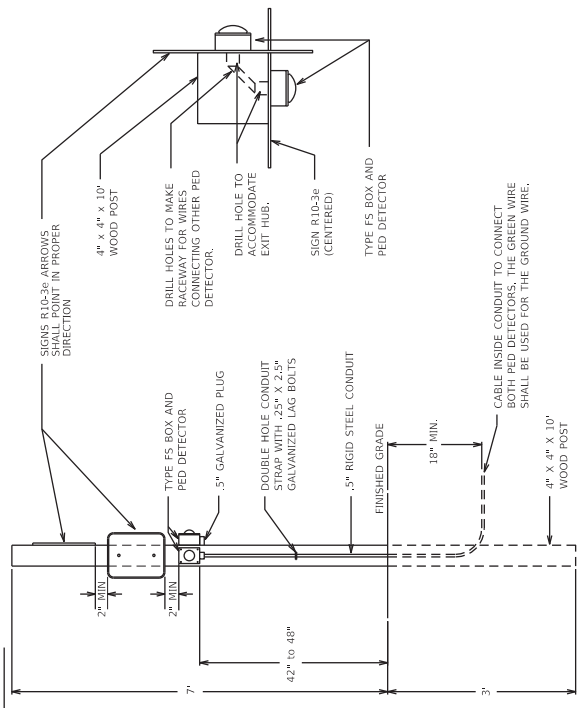


SPECIAL NOTE FOR TRANSFORMER DOOR: PROVIDE A WOOD HAZARD WARNING STICKER ON THE TRANSFORMER DOOR WITH THE FOLLOWING INFORMATION:
DANGER
ELECTRICITY
VOLTAGE (120 VOLT)
GLOVE CLASS (0)
LIMITED APPROACH BOUNDARY (42 IN.)
NO TOUCH APPROACH BOUNDARY (CONTACT)
SEE NFPA 70E FOR ADDITIONAL PPE REQUIRED.

SEE PEDESTRIAN SIGNAL COUNTDOWN BASE SHEET FOR PEDESTAL POLE BASE DETAIL

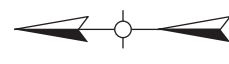
PEDESTAL POST DETAIL FOR PED DETECTORS & SIGNS

8/3/2021

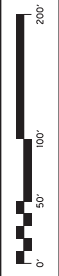


PEDETECTOR ON WOOD POST DETAIL

CABLE INSIDE CONDUIT TO CONNECT BOTH PED DETECTORS; THE GREEN WIRE SHALL BE USED FOR THE GROUND WIRE.



ITEM NO.	N/A	COUNTY OF GRAVES
SHEET NO.	T3	



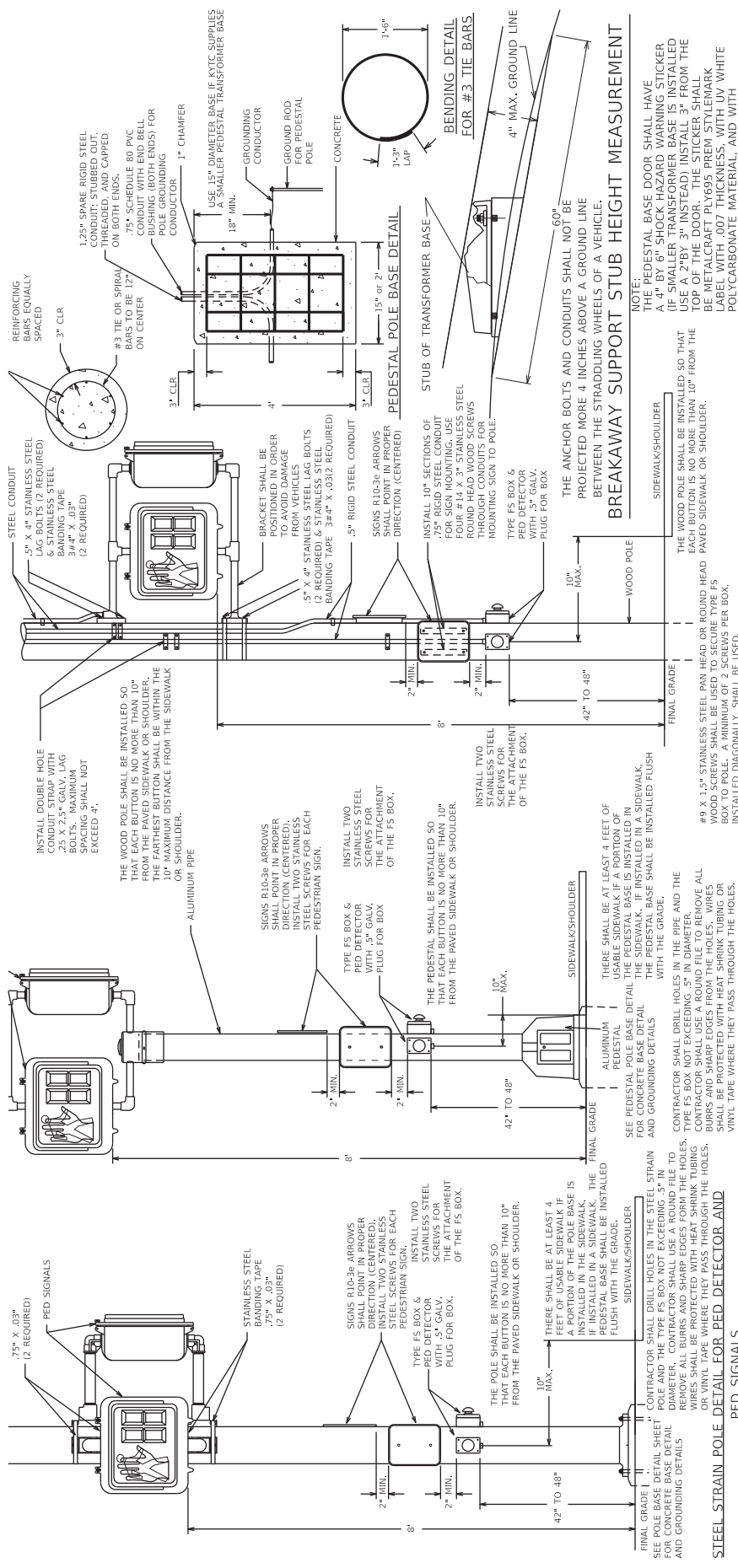
HORIZONTAL SCALE: 1" = NA
SCALE: 1" = NA

DRAWING TITLE: PED DETECTOR DETAILS



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS





BREAKAWAY SUPPORT STUB HEIGHT MEASUREMENT

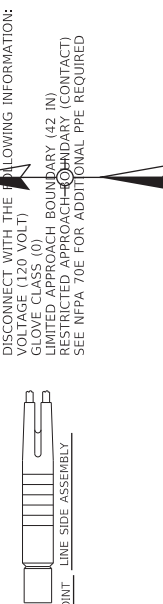
NOTE:
THE PEDESTAL BASE DOOR SHALL HAVE A 4" BY 6" SHOCK HAZARD WARNING STICKER (IF SMALLER TRANSFORMER BASE IS INSTALLED USE A 2" BY 3" INSTEAD) INSTALLED 3" FROM THE TOP OF THE DOOR. THE STICKER SHALL BE ETCHED OR PRINTED IN GREEN WITH BLACK LETTERING. THE LETTERS SHALL BE POLYCARBONATE MATERIAL AND WITH MC33FL PRESSURE SENSITIVE ADHESIVE OR APPROVAL EQUAL. THIS SHALL BE INCIDENTAL TO THE PROJECT.

WOOD POLE DETAIL FOR PED DETECTORS AND PED SIGNALS

SPECIAL NOTE FOR THE TRANSFORMER BASE: THIS SHALL BE INSTALLED FOR ALL 120 VOLT WIRING IN TRANSFORMER BASES. THIS WILL ONLY BE NEEDED FOR PED STRAIN HEADS AND SIGNALS HEADS. THE WOOD POLE SHALL BE INSTALLED SO THAT EACH BUTTON IS NO MORE THAN 10" FROM THE PAVED SIDEWALK OR SHOULDER. THE WOOD POLE SHALL BE INSTALLED FLUSH WITH THE GRADE.

STEEL STRAIN POLE DETAIL FOR PED DETECTOR AND PED SIGNALS

CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR TESTING PRIOR TO CONNECTING THE WIRE TO THE TRANSFORMER BASE. LEAVE TOP OF GROUND RODS EXPOSED FOR ELECTRICAL INSPECTION. PEDESTAL POLE GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO A GROUND LUG ON THE TRANSFORMER BASE AND THEN TO EACH RIGID STEEL GROUNDING ROD. ALL GROUND RODS SHALL BE 24" FROM THE CONCRETE POLE BASE.



DETAILS OF TYPE HEB-IW-RYC CONNECTOR
THERE SHALL BE A 3.5" (MIN.) BY 4" (MIN.) CLEAR SPACE AT ALL PED STRAIN BUTTONS PER SECTION 404 OF PROVAG REQUIREMENTS.

WOOD POLE DETAIL FOR PED DETECTORS AND PED SIGNALS
THE WOOD POLE SHALL BE INSTALLED SO THAT EACH BUTTON IS NO MORE THAN 10" FROM THE PAVED SIDEWALK OR SHOULDER. THE WOOD POLE SHALL BE INSTALLED FLUSH WITH THE GRADE.

STEEL STRAIN POLE DETAIL FOR PED DETECTOR AND PED SIGNALS
CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR TESTING PRIOR TO CONNECTING THE WIRE TO THE TRANSFORMER BASE. LEAVE TOP OF GROUND RODS EXPOSED FOR ELECTRICAL INSPECTION. PEDESTAL POLE GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO A GROUND LUG ON THE TRANSFORMER BASE AND THEN TO EACH RIGID STEEL GROUNDING ROD. ALL GROUND RODS SHALL BE 24" FROM THE CONCRETE POLE BASE.

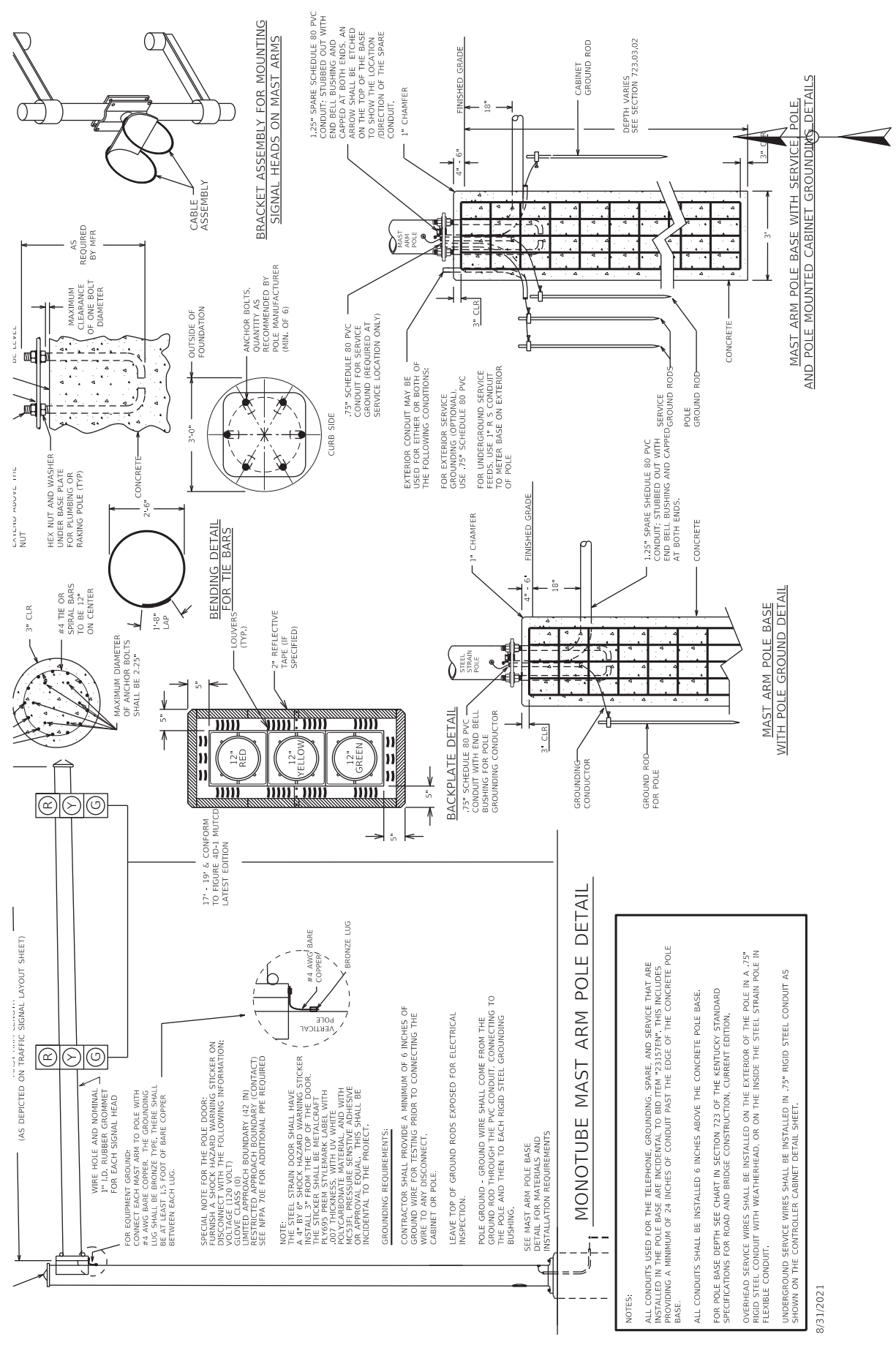
ITEM NO.	N/A	COUNTY OF GRAVES
SHEET NO.	74	



HORIZONTAL SCALE: 1" = NA
SCALE: 1" = NA

DRAWING TITLE: PEDESTRAIN SIGNAL DETAILS

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



(AS DERIVED ON TRAFFIC SIGNAL LAYOUT SHEET)

WIRE HOLE AND NOMINAL CLEARANCE FOR EACH SIGNAL HEAD

FOR EQUIPMENT GROUNDING, CONNECT EACH MAST ARM TO POLE WITH #4 AWG BARE COPPER. THE GROUNDING LUG SHALL BE BRONZE TYPE. THERE SHALL BE A MINIMUM OF 6 INCHES BETWEEN EACH LUG.

SPECIAL NOTE FOR THE POLE DOOR: FURNISH A SHOCK HAZARD WARNING STICKER ON EACH POLE DOOR WITH THE FOLLOWING INFORMATION: GLOVE CLASS (0), VOLTAGE (120 VOLT), RESTRICTED APPROACH BOUNDARY (CONTACT) SEE NFPA 70E FOR ADDITIONAL PPE REQUIRED

NOTE: STEEL STRAIN DOOR SHALL HAVE A 4" BY 6" SHOCK HAZARD WARNING STICKER INSTALLED 3" FROM THE TOP OF THE DOOR. THE STICKER SHALL BE BRONZE TYPE WITH PLYWOOD OR FIBERGLASS BACKING WITH .007 THICKNESS, WITH UV WHITE POLYCARBONATE MATERIAL AND WITH BRONZE LUG. THE STICKER SHALL BE IDENTICAL TO THE PROJECT.

GROUNDING REQUIREMENTS:

CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR TESTING PRIOR TO CONNECTING THE WIRE TO ANY DISCONNECT, CABINET OR POLE.

LEAVE TOP OF GROUND RODS EXPOSED FOR ELECTRICAL INSPECTION.

POLE GROUND - GROUND WIRE SHALL COME FROM THE TOP OF THE POLE THROUGH THE PVC CONDUIT, CONNECTING TO THE POLE AND THEN TO EACH RIGID STEEL GROUNDING BUSHING.

SEE MAST ARM POLE BASE AND CABINET FOR ADDITIONAL INSTALLATION REQUIREMENTS

MONOTUBE MAST ARM POLE DETAIL

NOTES:

ALL CONDUITS USED FOR THE TELEPHONE, GROUNDING, SPARE, AND SERVICE THAT ARE INSTALLED IN THE POLE BASE ARE INCIDENTAL TO BID ITEM "23157EM". THIS INCLUDES PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST THE EDGE OF THE CONCRETE POLE BASE.

ALL CONDUITS SHALL BE INSTALLED 6 INCHES ABOVE THE CONCRETE POLE BASE.

FOR POLE BASE DEPTH SEE CHART IN SECTION 723 OF THE KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION.

OVERHEAD SERVICE WIRES SHALL BE INSTALLED ON THE EXTERIOR OF THE POLE IN A 75# RIGID STEEL CONDUIT WITH WEATHERHEAD, OR ON THE INSIDE THE STEEL STRAIN POLE IN FLEXIBLE CONDUIT.

UNDERGROUND SERVICE WIRES SHALL BE INSTALLED IN 75# RIGID STEEL CONDUIT AS SHOWN ON THE CONTROLLER CABINET DETAIL SHEET.

8/31/2021

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: MAST ARM DETAILS

DATE PLOTTED: 07/20/2015 7:08:02 PM

USER: techswanagar

FILE NAME: C:\PWORK\KENTSWANAGAR\2009\2320RD SIGNAL STANDARDS.DGN

HORIZONTAL SCALE: 1" = NA

ITEM NO. N/A

SHEET NO. TS

COUNTY OF GRAVES

FLASHING YELLOW ARROW SIGNAL WIRING AND SPECIAL REQUIREMENTS

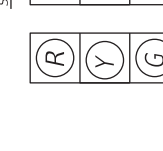
WIRING AND SPECIAL REQUIREMENTS

THREE-SECTION FVA HEADS

Table with 3 columns: CONNECTION, COLOR, and DESCRIPTION. Includes entries for RED, YELLOW, GREEN, and WHITE signals.

THE CONTRACTOR SHALL CONNECT THE CONNECTOR LABELED "2PY 4PY 6PY 8PY" TO THE CONNECTOR "C90, 13, 16, R, 1P" BEHIND THE OUTPUT PANEL... IF IT IS A SOLID STATE CABINET (SIGNALS) ONLY HAVE 2 CONNECTORS WHICH SIMPLY NEED TO BE CONNECTED TOGETHER.

ALL INDICATORS L.E.D. SIGNAL HEADS.



ALL CONDUITS FOR PEDESTRIAN SIGNALS

WIRING NOTE FOR NEW SIGNAL HEADS:

THE GREEN WIRE IN THE SC7C CABLE SHALL BE USED AS THE EQUIPMENT GROUND. USE THE BLACK WIRE IN THESE CABLES TO CONNECT TO THE GREEN WIRE OF THE SIGNAL SYSTEM... THE SYSTEM SHALL BE CARRIES VOLTAGE. THIS SHALL BE INCIDENTAL TO THE PROJECT.

RAJADAR DETECTION SCHEDULE

Table with 4 columns: LOOP, PHASE, SLOT, and CHANNEL SIZE. Lists loop numbers (2A, 2B, 6A, 6B, 8B) and their corresponding phase and slot information.

WIRING SCHEDULE

Table with 3 columns: CABLE, ENDING, and CONNECTING. Lists various signal equipment like controllers and detectors with their cable specifications and connection points.

LEGEND



SCALE 1" = 20'

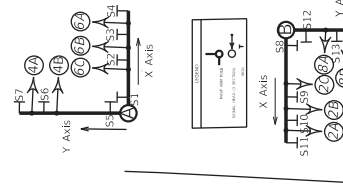
INSTALL STEEL STRAIN MAST ARM POLE "6" AT N 3421782.779 - E 4076021.456... INSTALL 2 PED HEADS & 2 PED DETECTORS ON PED PEDESTAL "6"...

MAST ARM POLES table with columns: POLE HEIGHT (FT.), MAST ARM LENGTH (FT.), NO. SIGNALS ON ARM, SIGNAL HEAD FROM, SIGNAL HEAD TO, WEIGHT (POUNDS).

LENGTH X WIDTH X THICKNESS 3 SECTION 59" X 24" X 16" BASE MAX. MOMENTS: POLE A - 1.1, K-11

INSTALL STEEL STRAIN MAST ARM POLE "6" AT N 444221.271, E 4074609.485... INSTALL 2 PED HEADS & 2 PED DETECTORS TO MAST ARM & PEDESTAL BID ITEMS RESPECTIVELY.

INSTALL 2-2" RIGID STEEL CONDUIT FROM POLE "6" TO JUNCTION BOX "B3" WITH 2" MIN. CLEARANCE FROM PEDESTAL "6" TO PEDESTAL "4" TO PEDESTAL "2" TO PEDESTAL "1"...

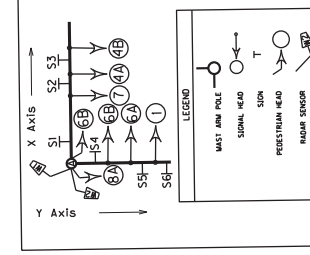


DRAWING TITLE: MAST ARM SIGNAL FOR S. 6TH ST. AT E. SOUTH ST. Includes horizontal scale, vertical scale, drawing title, sheet number, and project information.

FLASHING YELLOW ARROW SIGNAL WIRING AND SPECIAL REQUIREMENTS

Table with columns for output file connections for phases 1, 3, 5, and 7. Includes details for color (RED, YELLOW, GREEN, BLACK, WHITE), arrow type (STEADY, FLASHING), and equipment ground.

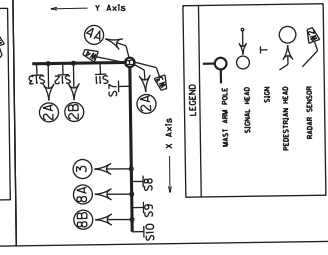
MAST ARM POLES table. Columns: Pole, Mast Arm Height (ft.), Mast Arm Length (ft.), No. Signals on Arm, Signal Head Diameter, Signal Head Spacing, Signal Head Mounting, Signal Head Height (ft.), Signal Head Weight (lb.), Signal Head Dimensions (H x W).



RADAR DETECTION SCHEDULE

Radar Detection Schedule table. Columns: Loop, Phase, Slot, Channel, Size, Dist. from Stop Bar. Lists details for loops 2A through 8B.

MAST ARM POLES table (continued). Columns: Pole, Mast Arm Height (ft.), Mast Arm Length (ft.), No. Signals on Arm, Signal Head Diameter, Signal Head Spacing, Signal Head Mounting, Signal Head Height (ft.), Signal Head Weight (lb.), Signal Head Dimensions (H x W).

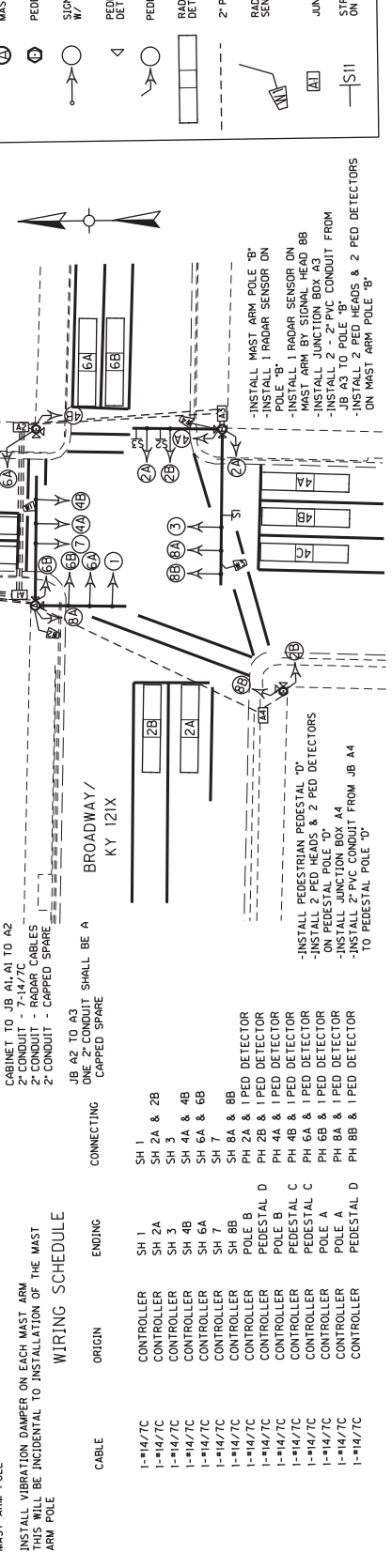


WIRING SCHEDULE

Wiring Schedule table. Columns: Cable, Origin, Ending, Connecting. Lists various cables (1-14/7C, 1-14/7D, etc.) and their connections to poles and signal heads.

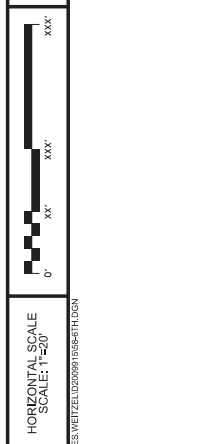
NOTE: ALL MAST ARM POLES, ARMS, PEDESTALS AND TRANSFORMER BASES SHALL BE PAINTED FLAT BLACK, THIS WILL BE INCIDENTAL TO THE INSTALLATION OF THE MAST ARM POLE.

INSTALL VIBRATION DAMPER ON EACH MAST ARM THIS WILL BE INCIDENTAL TO INSTALLATION OF THE MAST ARM POLE



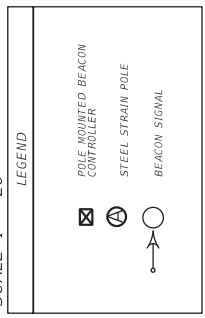
LEGEND: BASE MOUNTED CONTROLLER, MASTARM POLE, PEDESTAL POLE, SIGNAL HEAD W/ REFLECTIVE BACKPLATES, PEDESTRIAN DETECTOR, PEDESTRIAN HEAD, RADAR DETECTION ZONE, 2\"/>

Form with fields for Item No., N/A, County of Graves, and Sheet No., 79.



DRAWING TITLE: TRAFFIC SIGNAL PLAN SHEET 121X @ 58

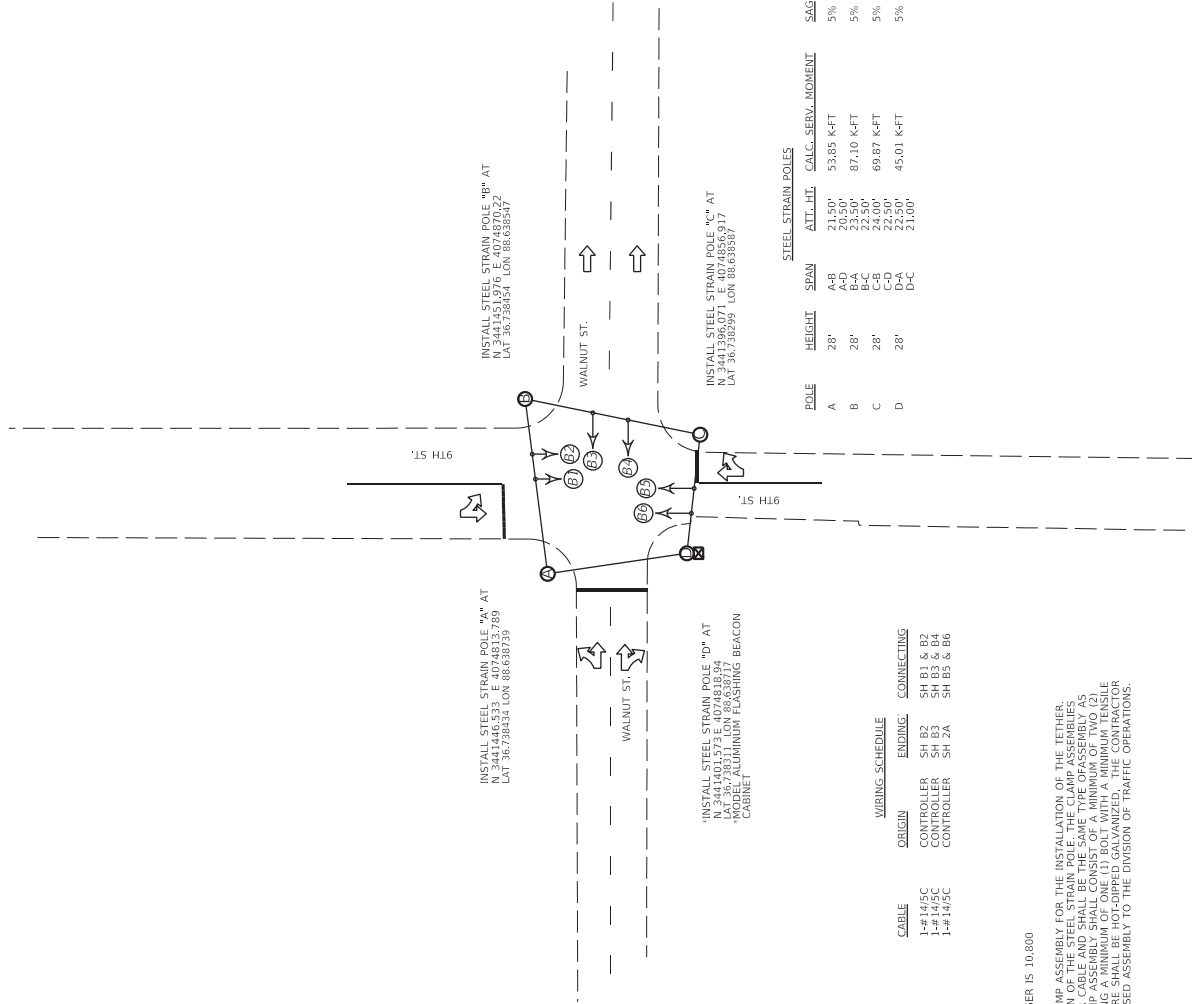
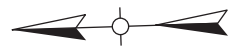
SCALE 1" = 20'



SIGNAL HEADS



BEACONS B1, B2, B3, B4, B5 & B6
ALL INDICATIONS I.E.D.



POLE	HEIGHT	SPAN	ATT. HT.	CALC. SERV. MOMENT	SAG
A	28'	A-B	21.50'	53.85 K-FT	5%
B	28'	A-D	20.50'	87.10 K-FT	5%
C	28'	B-C	22.50'	69.87 K-FT	5%
D	28'	D-A	22.50'	45.01 K-FT	5%
		D-C	21.00'		

CABLE	ORIGIN	ENDING	CONNECTING
1-#14/5C	CONTROLLER	SH B2	SH B1 & B2
1-#14/5C	CONTROLLER	SH A2	SH B3 & B4
1-#14/5C	CONTROLLER	SH 2A	SH B5 & B6

ALL MESSENGER IS 10,800

THE CONTRACTOR MAY HAVE TO PROVIDE A CLAMP ASSEMBLY FOR THE INSTALLATION OF THE TETHER. THIS SHALL BE INCIDENTAL TO THE INSTALLATION OF THE STEEL STRAIN POLE. THE CLAMP ASSEMBLIES SHALL BE SUITABLE FOR ATTACHING MESSENGER CABLE AND SHALL BE THE SAME TYPE OF ASSEMBLY AS SHOWN ON THE DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECT INSTALLATION OF THE SECTIONS. SECTIONS SHALL BE CONNECTED USING A MINIMUM OF ONE (1) BOLT WITH A MINIMUM TENSILE LOAD OF 17,000 LBS. ALL POLE CLAMP HARDWARE SHALL BE HOT-DIPPED GALVANIZED. THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE PROPOSED ASSEMBLY TO THE DIVISION OF TRAFFIC OPERATIONS.

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: BEACON FLASHER FOR WALNUT AT 9TH

HORIZONTAL SCALE: 1"=20'



ITEM NO. N/A
SHEET NO. T10

COUNTY OF GRAVES

FILE NAME: C:\P\WORK\KENTUCKY\SWANBEAR\020909\US46 N. WALNUT ST\9TH.DWG

USER: rct.swanbear

OpenRoads Designer v10.10.0.80

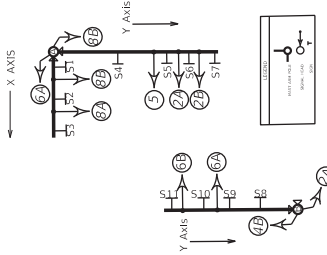
CABINET TO POLE A:
FIRST 2' CONDUIT: 5 - 7C & 2 RADAR CABLES
SECOND 2' CONDUIT: SPARE
CABINET TO JB A1 AND JB A1 TO JB A2
FIRST 2' CONDUIT: 4 - 7C & 2 RADAR CABLES
THIRD 2' CONDUIT: SPARE
JB A3 TO JB A3:
FIRST 2' CONDUIT: 3 - 7C & 2 RADAR CABLES
SECOND 2' CONDUIT: SPARE
CABINET TO JB A4
FIRST 2' CONDUIT: 2 - 4C
SECOND 2' CONDUIT: SERVICE WIRES
JB A3 TO JB A4
2' CONDUIT - SERVICE WIRES

POLE	POLE HEIGHT (FT.)	MAST ARM LENGTH (FT.)	MOUNTING HEIGHT (FT.)	NO. SIGNALS ON ARM	SIGNAL FROM	TO	WEIGHT (POUNDS)
A	21.5	26 (X)	19	36" x 36" Sign*	A	41'	16
				1 - 3 SEC. Sign*		7.5'	50
				72" x 24" x 18" Sign		12'	100
A	21.5	50 (Y)	19	36" x 36" Sign*		30.5'	16
				1 - 3 SEC. Sign*		7.5'	50
				72" x 24" x 18" Sign		12'	100
B	21.5	43 (Y)	19	72" x 24" x 18" Sign	B	5'	100
				1 - 3 SEC. Sign		32'	60
				36" x 36" Sign		36'	6

Attachment distances are measured from the face of the vertical pole. 3 degree raise on each arm. All poles shall be painted flat black. All pedestals/transformer bases shall be painted flat black. This will be incidental to pedestal and mast arm bid items.

LENGTH X WIDTH X THICKNESS
3 SECTION 59" x 24" x 16"
4 SECTION 73" x 24" x 16"

BASE MOUNTING: POLE A: 10 KFT
POLE B: 56 KFT



INSTALL SIGNS ON MAST ARMS A AND B.
S1: BROADWAY SIGN (PER MUTCD)
S2: RIGHT TURN ONLY (30"x36" R3-5R)
S3: RIGHT TURN ONLY (30"x36" R3-5R)
S4: NO LEFT TURN (24"x24" R3-2)
S5: 7TH ST. SIGN (PER MUTCD)

INSTALL MAST ARM POLE "A" AT E 4015742.434
INSTALL TYPE ATC CONTROLLER IN MODEL BASE MOUNT IN CABINET
INSTALL 20' PEDESTAL IN CABINET FROM CONTROLLER TO JB A1
INSTALL 2" SCHEDULE 80 PVC CONDUIT CONTROLLER TO POLE "A"
INSTALL 2" SCHEDULE 80 PVC CONDUIT FROM JB A1 TO JB A2
INSTALL 2 PED HEADS & 2 PED DETECTORS ON POLE "A"
ISLAND THE CONDUITS FROM CONTROLLER TO JB A2 FROM OTHER WIRING (ISOLATED FROM CABBING AND ANTENNA SHEETS ON CABINET SPECIFICATION)

INSTALL A SECONDARY DISCONNECT ON METAL CHANNEL 10' FROM THE CONTROLLER TO NEW CABINET. THIS INSTALLATION WILL BE INCIDENTAL TO THE REMOVAL OF THE CABINET AND REMOVAL OF THE EXISTING PEDestal POLE BASE AND CABINET BASE 10 FEET BELOW GRADE

INSTALL PEDESTAL POLE "B" AT N 3442360.643
INSTALL 2 PED HEADS & 2 PED DETECTORS ON POLE "B"
INSTALL 2" SCHEDULE 80 PVC CONDUIT FROM JUNCTION BOX TO POLE "B"
INSTALL 2" SCHEDULE 80 PVC CONDUIT FROM JB A2 TO POLE "B"
REMOVE EXISTING PEDESTAL POLE BASE 1.5 FEET BELOW GRADE

INSTALL MAST ARM POLE "B" AT N 3442360.643
INSTALL JUNCTION BOX JB A3
INSTALL 1" 2" CONDUIT FROM JB A3 TO JB A4 FOR SERVICE CABLE
INSTALL 2 PED HEADS & 2 PED DETECTORS ON POLE "B"
REMOVE EXISTING POLE BASE 1.5 FEET BELOW GRADE

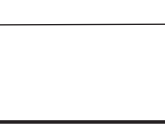
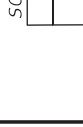
LOCATION OF EXISTING MAIN DISCONNECT WITH THIS LOCATION REMAINS. RUN 3-#4 AWG (BLACK/WHITE/GREEN) IN 2" PVC SCH 80 CONDUIT. THIS WIRE SHALL BE INCIDENTAL TO THE INSTALLATION OF THE MAIN DISCONNECT. DO NOT INSTALL WHERE PAVERS NEED TO BE REMOVED. PAVERS MUST BE PAID FOR THE REMOVAL. THIS WORK WILL BE INCIDENTAL TO THE INSTALLATION OF THE CABINET.

INSTALL VIBRATION DAMPER ON EACH MAST ARM ON POLE A AND B. THIS INSTALLATION WILL BE INCIDENTAL TO THE INSTALLATION OF THE MAST ARM POLE.



ORIGIN	ENDING	CONNECTING
CONTROLLER	SH 2A & 2B	
CONTROLLER	SH 6A & 6B	
CONTROLLER	SH 8A & 8B	
CONTROLLER	POLE A	
CONTROLLER	POLE B	
CONTROLLER	PH 2A & DETECTOR	
CONTROLLER	PH 4B & DETECTOR	
CONTROLLER	PH 6B & DETECTOR	
CONTROLLER	PH 2B & DETECTOR	
CONTROLLER	POLE A	
CONTROLLER	POLE B	
CONTROLLER	RADAR CABLE	

LOOP	PHASE	SLOT	CHANNEL	SIZE	DIST. FROM STOP BAR
2A	2	12	1	6'x30"	0'
4A	4	12	1	6'x30"	0'
4B	4	16	2	6'x30"	0'
6A	6	12	1	6'x30"	0'
6B	6	12	2	6'x30"	0'



SCALE 1" = 20'

LEGEND

- BASE MOUNTED CONTROLLER
- MAST ARM POLE
- PEDESTAL POLE
- JUNCTION BOXES (AS DESIGNATED)
- PEDESTRIAN DETECTOR
- SIGNAL HEAD
- PEDESTRIAN HEAD
- RADAR DETECTION ZONE
- RADAR DETECTOR
- 2" SCHEDULE 80 PVC CONDUIT (UNLESS OTHERWISE NOTED)

HORIZONTAL SCALE: 1" = 20'

SCALE: 1" = 20'

0' 20' 40' 80'

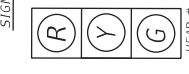
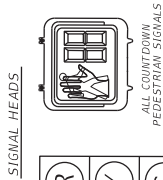
DRAWING TITLE: US 45 AT KY 80X AND KY 58

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

USDR:charles.weidert
USER:charles.weidert

FILE NAME: G:\P\WORK\KCTC_CHARLES.WEIDERT\02069107\TH10.DGN

ITEM NO. N/A
COUNTY OF GRAVES
SHEET NO. T11

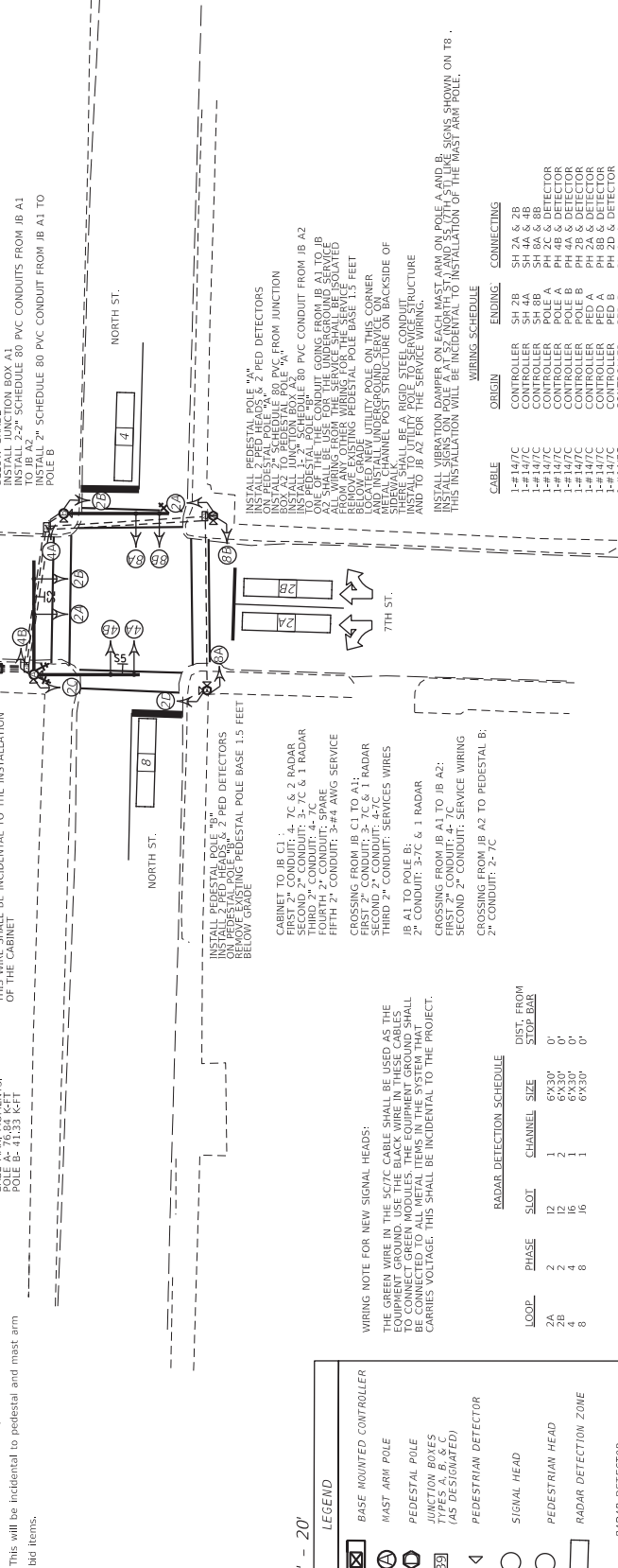
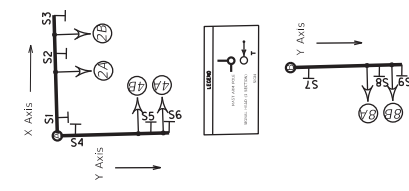


MAST ARM POLES					* FUTURE	
POLE	POLE HEIGHT (FT.)	MAST ARM LENGTH (FT.)	MOUNTING HEIGHT (FT.)	NO. SIGNALS ON ARM	SIGNAL HEAD FROM	TO
A	21.5	38 (X)	19	72"x24"x18" Sign * 36" x 36" Sign * 1 - 3 SEC. Sign * 36" x 36" Sign *	A 51 52 28 53	5' 5' 32.17 38'
A	21.5	36 (Y)	19	72"x24"x18" Sign * 36" x 36" Sign * 1 - 3 SEC. Sign * 36" x 36" Sign *	A 54 55 48 56	5' 5' 25.1' 33.1' 36'
B	21.5	35 (X)	19	72"x24"x18" Sign * 36" x 36" Sign * 1 - 3 SEC. Sign * 36" x 36" Sign *	B 57 58 88 59	5' 23.6' 27.6' 31.6' 35'

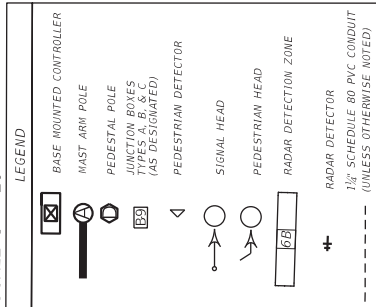
Attachment distances are measured from the face of the vertical pole, 3 degree raise on each arm. All poles shall be painted flat black. All pedestals/transformer bases shall be painted flat black. This will be incidental to pedestal and mast arm bid items.

LENGTH X WIDTH X THICKNESS
3 SECTION 59" x 24" x 16"
4 SECTION 73" x 24" x 16"

BASE MAX. MOMENTS:
POLE A - 21,331 K-FT
POLE B - 21,331 K-FT



SCALE 1" = 20'

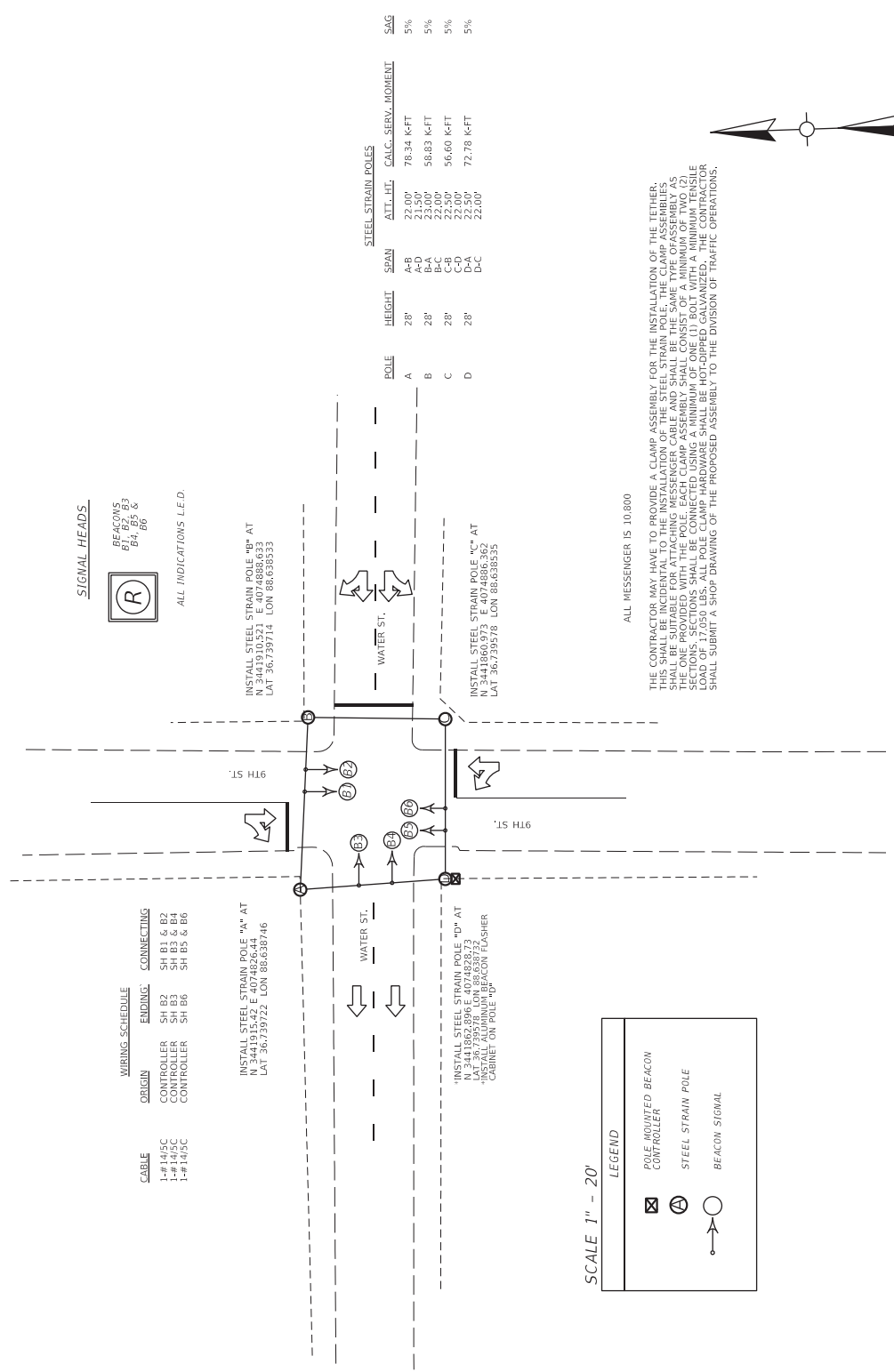


WIRING NOTE FOR NEW SIGNAL HEADS:
THE GREEN WIRE IN THE 5C7C CABLE SHALL BE USED AS THE EQUIPMENT GROUND. THE GREEN WIRE IN THE 5C7C CABLE SHALL BE CONNECTED TO ALL METAL ITEMS IN THE SYSTEM THAT CARRIES VOLTAGE. THIS SHALL BE INCIDENTAL TO THE PROJECT.

RADAR DETECTION SCHEDULE

LOOP	PHASE	SLOT	CHANNEL	SIZE	DIST. FROM STOP BAR
2A	2	12	2	6'x30'	0'
2B	4	16	1	6'x30'	0'
4	8	16	1	6'x30'	0'

CABLE	ORIGIN	ENDING	CONNECTING
1-# 14/7C	CONTROLLER SH 2B	SH 2A & 2B	SH 2A & 2B
1-# 14/7C	CONTROLLER SH 4A	SH 4A & 4B	SH 4A & 4B
1-# 14/7C	CONTROLLER SH 8B	SH 8A & 8B	SH 8A & 8B
1-# 14/7C	CONTROLLER POLE A	PH 4A & DETECTOR	PH 4A & DETECTOR
1-# 14/7C	CONTROLLER POLE B	PH 4A & DETECTOR	PH 4A & DETECTOR
1-# 14/7C	CONTROLLER PED A	PH 2A & DETECTOR	PH 2A & DETECTOR
1-# 14/7C	CONTROLLER PED B	PH 8A & DETECTOR	PH 8A & DETECTOR
1-# 14/7C	CONTROLLER PED A	PH 8A & DETECTOR	PH 8A & DETECTOR
1-# 14/7C	CONTROLLER PED B	PH 8A & DETECTOR	PH 8A & DETECTOR
2-SPECIAL	CONTROLLER POLE A	RADAR CABLE	RADAR CABLE
2-SPECIAL	CONTROLLER POLE B	RADAR CABLE	RADAR CABLE



SIGNAL HEADS
BEACONS
B1, B2, B3
B4, B5 &
B6



ALL INDICATIONS L.E.D.

WIRING SCHEDULE

CABLE	ORIGIN	ENDING	CONNECTING
1-# 14/5C	CONTROLLER	SH B2	SH B1 & B2
1-# 14/5C	CONTROLLER	SH B3	SH B3 & B6
1-# 14/5C	CONTROLLER	SH B6	SH B3 & B6

INSTALL STEEL STRAIN POLE "A" AT
N 3441915.42 E 4074826.44
LAT 36.739722 LON 88.638746

INSTALL STEEL STRAIN POLE "B" AT
N 3441862.896 E 4074828.73
LAT 36.739778 LON 88.638773
CABINET ON POLE "D"

INSTALL STEEL STRAIN POLE "B" AT
N 3441862.896 E 4074828.73
LAT 36.739774 LON 88.638533

INSTALL STEEL STRAIN POLE "C" AT
N 3441866.193 E 4074806.362
LAT 36.739578 LON 88.638535

SCALE 1" = 20'

LEGEND

- POLE MOUNTED BEACON CONTROLLER
- STEEL STRAIN POLE
- BEACON SIGNAL

POLE	HEIGHT	SPAN	ALT. HIT.	CALC. SERV. MOMENT	SAG
A	28'	A-B	22.00'	78.34 K-FT	5%
B	28'	A-D	21.50'	58.83 K-FT	5%
C	28'	B-C	22.00'	56.60 K-FT	5%
D	28'	D-A	22.50'	72.78 K-FT	5%
		D-C	22.00'		

ALL MESSENGER IS 10,800

THE CONTRACTOR MAY HAVE TO PROVIDE A CLAMP ASSEMBLY FOR THE INSTALLATION OF THE TETHER. THIS SHALL BE INCIDENTAL TO THE INSTALLATION OF THE STEEL STRAIN POLE. THE CLAMP ASSEMBLY SHALL BE PROVIDED WITH THE POLE. THE CONTRACTOR SHALL PROVIDE THE TETHER ASSEMBLY WITH A MINIMUM OF TWO (2) SECTIONS. SECTIONS SHALL BE CONNECTED USING A MINIMUM OF ONE (1) BOLT WITH A MINIMUM TENSILE LOAD OF 17,000 LBS. ALL POLE CLAMP HARDWARE SHALL BE HOT-DIPPED GALVANIZED. THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE PROPOSED ASSEMBLY TO THE DIVISION OF TRAFFIC OPERATIONS.

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: BEACON FLASHER WATER ST. AT 9TH ST

HORIZONTAL SCALE: 1"=20'



ITEM NO. N/A
SHEET NO. T14

COUNTY OF GRAVES

**ROADWAY LIGHTING ESTIMATE OF QUANTITIES
FOR I-69 @ KY 80 (1477501C)**

TOTAL	UNITS	CODE	ITEM DESCRIPTION
300	30 FT	2562	SIGNS
1	LP SUM	2562	DEMobilIZATION
1	LP SUM	2569	MAINTAIN & CONTROL TRAFFIC
1	EACH	2650	FLASHING MIRROR HT HIGH MAST
2	EACH	2775	FLASHING MIRROR HT HIGH MAST
1	EACH	4714	FLASHING ARROW
1	EACH	4714	FLASHING ARROW
50	LIN FT	4820	LIGHTING CONTROL EQUIPMENT
6,000	LIN FT	4833	TRENCHING AND BACKFILLING
1	LIN FT	4833	WIREING
1	LP SUM	4940	REMOVE LIGHTING
20	CU YD	23161EN	POLE BASE - HIGH MAST
20	EACH	24749EC	HIGH MAST LED LUMINAIRE
50	LIN FT	24901EC	PVC CONDUIT - 2 INCH - SCHEDULE 80

THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND OTHER SPECIAL NOTES AND SPECIFICATIONS WILL APPLY ON THIS PROJECT. SEE SECTION 716 FOR MEASUREMENT AND OTHER DETAILS. SEE SECTION 602 FOR SPIRAL REINFORCEMENT SPlicing

THE CONTRACTOR SHALL MAKE AN INSPECTION OF THE PROJECT SITE PRIOR TO SUBMITTING A BID. THE CONTRACTOR SHALL BE THOROUGHLY FAMILIARIZED WITH EXISTING CONDITIONS. SUBMITTALS AND BIDS WILL BE CONSIDERED AN AFFIRMATION OF THIS INSPECTION HAVING BEEN COMPLETED.

ADD SENTENCE TO SECTION 834.06: ALL WIRE SHALL HAVE WORDING ADDED TO THE OUTER JACKET THAT STATES: " PROPERTY OF KENTUCKY TRANSPORTATION CABINET 502 564 0501".

ADD SENTENCE TO SECTION 834.09: ALL WIRE SHALL HAVE WORDING ADDED TO THE OUTER JACKET THAT STATES: " PROPERTY OF KENTUCKY TRANSPORTATION CABINET 502 564 0501".

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 716 AND 834
SECTION: 834.33 WARNING TAPE.
REVISION: REPLACE FIRST SENTENCE WITH THE FOLLOWING:
PROVIDE DETECTABLE TYPE TAPE THAT IS 6 INCHES WIDE AND 7.0 MILS (NOMINAL) THICK.

**ROADWAY LIGHTING ESTIMATE OF QUANTITIES
CALDWELL COUNTY I -69 @ KY 91 (1482401C)**

TOTAL	UNITS	CODE	ITEM DESCRIPTION
300	30 FT	2562	SIGNS
1	LP SUM	2562	DEMobilIZATION
1	LP SUM	2569	MAINTAIN & CONTROL TRAFFIC
2	EACH	2650	FLASHING ARROW
1	EACH	4714	POLE 120' MTG HT HIGH MAST
1	LP SUM	4940	REMOVE LIGHTING
8	EACH	24749EC	HIGH MAST LED LUMINAIRE

TOTAL	UNITS	CODE	ITEM DESCRIPTION
300	30 FT	2562	SIGNS
1	LP SUM	2562	DEMobilIZATION
1	LP SUM	2569	MAINTAIN & CONTROL TRAFFIC
2	EACH	2775	FLASHING ARROW
1	LP SUM	4940	REMOVE LIGHTING
1	EACH	24601EC	INSTALL - LIGHTING CONTROL EQUIPMENT

SPECIAL NOTE FOR CONSTRUCTION AT MARSHALL COUNTY I-69 @ KY 348:
THE CONTRACTOR SHALL REMOVE EXISTING
HM POLE AT
36°52'31.23"N
88°21'39.40"W
AND DISCONNECT EXISTING WIRING
INSTALL NEW 120 FOOT HIGH MAST AT EXISTING
HM BASE.
THE CONTRACTOR WILL NEED TO MATCH THE
EXISTING HIGH MAST BOLT CIRCLE.
THE CONTRACTOR SHALL RECONNECT THE
EXISTING WIRING TO NEW HM POLE BREAKER.
ALL THIS SHOULD BE INCIDENTAL TO THE INSTALLATION
OF THE NEW HIGH MAST POLE.

SPECIAL NOTE FOR CONSTRUCTION AT CALDWELL COUNTY I-69 @ KY 91:
INSTALL NEW CABINET ON EXISTING
LIGHTING CABINET BASE MOUNTED AT
37° 7'19.03"N
87° 53'36.57"W
INSTALL NEW 35 FOOT WOOD POLE
WITH 480 SINGLE PHASE SERVICE
WITH METER AND DISCONNECT.
CONTRACTOR SHALL INSTALL A CONCRETE
BASE AND WILL BE INCIDENTAL TO INSTALL
LIGHTING CONTROL EQUIPMENT.
THE CONTRACTOR WILL HAVE TO
TRACE ALL EXISTING WIRING TO THE
CORRESPONDING EXISTING HIGH MAST
POLE. THE EXISTING WIRING SHOULD BE
CONNECT TO THE APPROPRIATE CIRCUIT AS
SHOWN ON THE AS BUILDS FOR PROJECT.
THE CABINET WILL BE SUPPLIED BY DISTRICT 2.

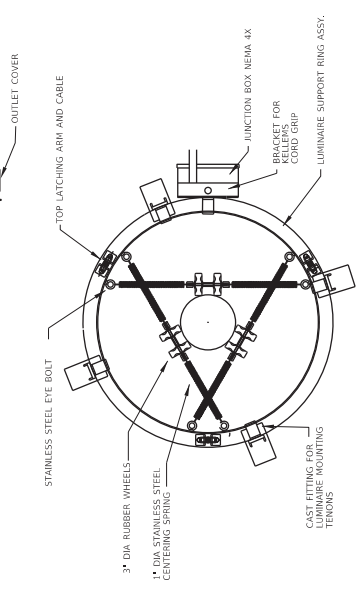
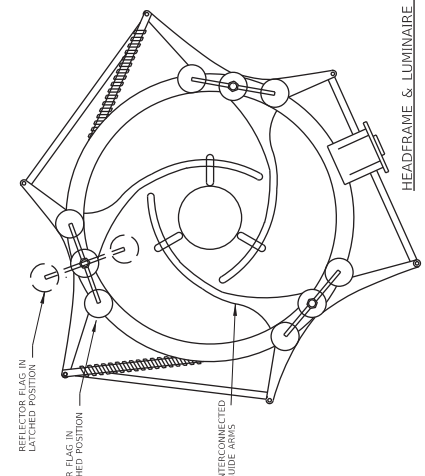
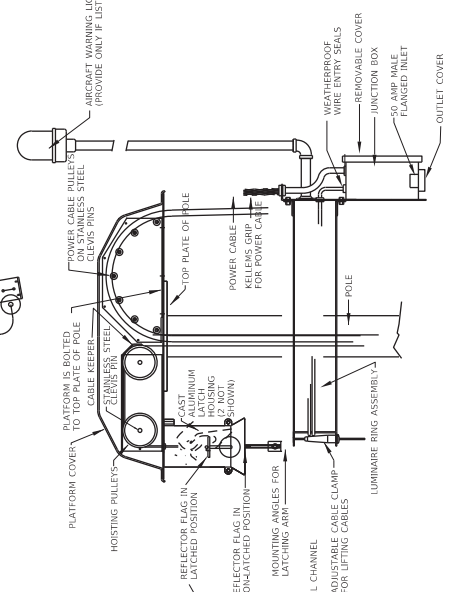
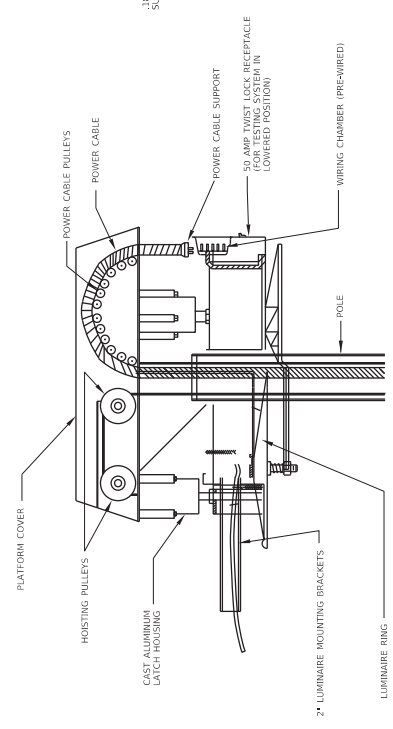
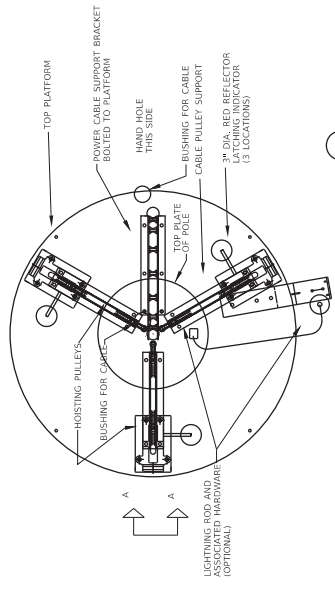
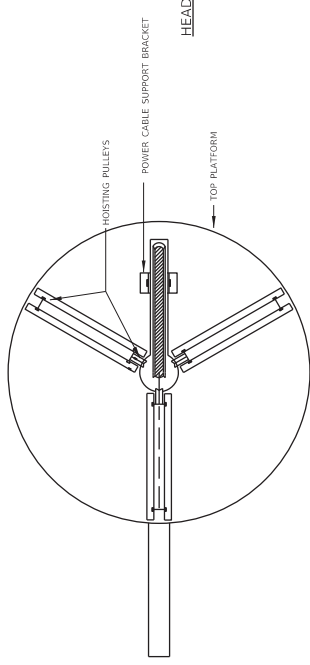
3-17-2021



DRAWING TITLE: QUANTITIES- LIGHTING FOR I-69 @ KY 80/
I -69 @ KY 348/I-69 @ KY 91

HORIZONTAL SCALE: 1" = NA

ITEM NO. N/A
SHEET NO. T16



HEADFRAME & LUMINAIRE RING DETAILS - LATERAL LATCHING TYPE

HEADFRAME & LUMINAIRE RING DETAILS - ROTARY LATCHING TYPE

7/2002

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: HIGH MAST LOWERING DETAIL

HORIZONTAL SCALE: 1" = 8'

FILE NAME: C:\P\WORK\KTS\SWANBEGAR\020932\FORD LIGHTING STANDARDS.DGN

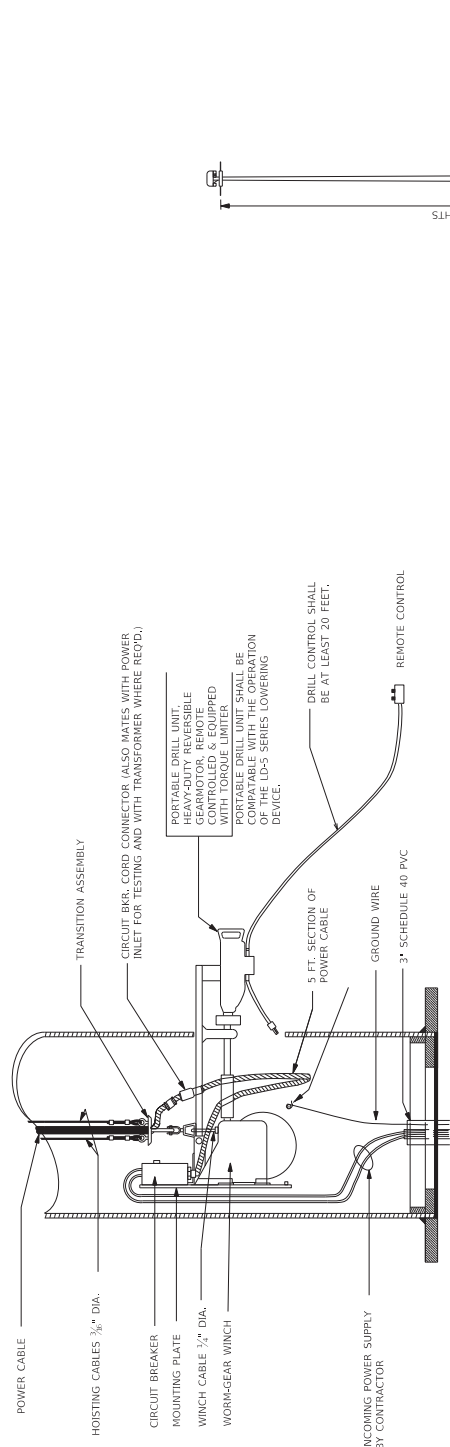
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USER: tech\wmsppgr

COUNTY OF GRAVES

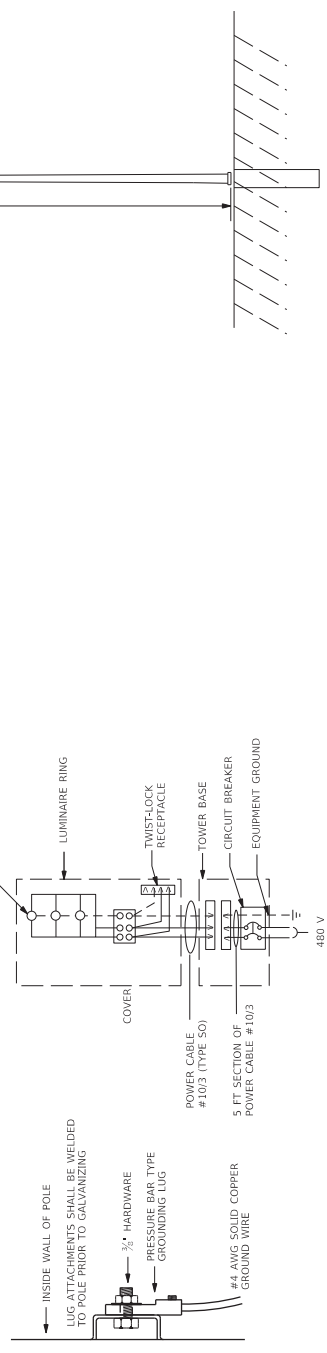
ITEM NO. N/A

SHEET NO. 117



POLE BASE DETAIL

SPECIAL NOTE FOR THE HIGHMAST POLE BASE:
FURNISH AN ARC FLASH AND SHOCK HAZARD
WARNING STICKER ON DISCONNECT/CABINET WITH
THE FOLLOWING INFORMATION:
VOLTAGE (480 VOLT)
GLOVE CLASS (10)
RESTRICTED APPROACH BOUNDARY (120 IN)
RESTRICTED MEDIUM APPROACH BOUNDARY (17 IN)
RESTRICTED LIMITED APPROACH BOUNDARY (24 IN)
SEE NFPA 70E FOR ADDITIONAL PRE-REQUIRED



POLE GROUNDING LUG (3 REQ.) WIRING ARRANGEMENT AT TOWER LOCATIONS

SEE HIGH MAST DETAIL SHEET

NUMBER OF PORTABLE POWER UNITS TO BE SUPPLIED 1

1-30-2020

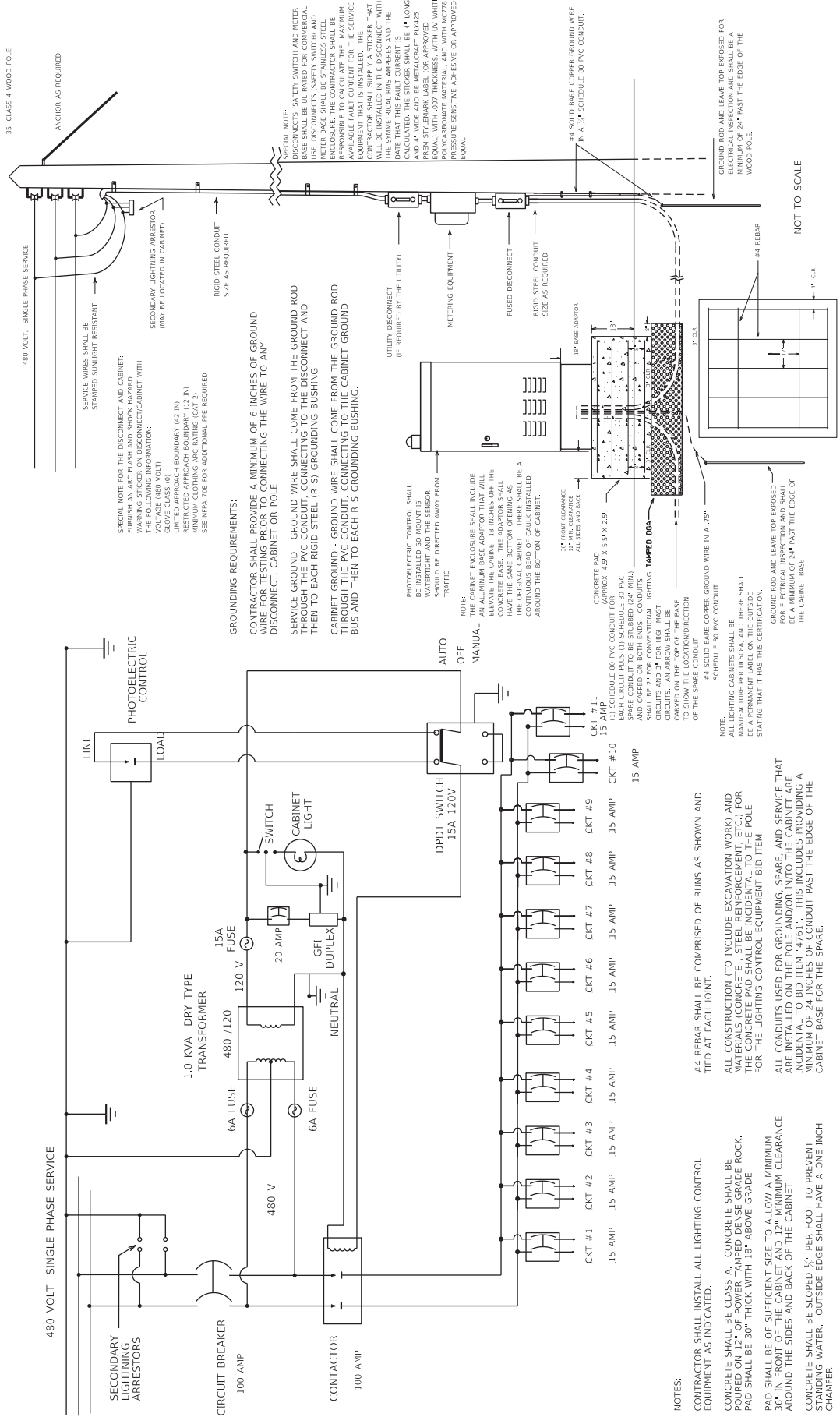
ITEM NO.	N/A	COUNTY OF GRAVES
SHEET NO.	T18	

HORIZONTAL SCALE	SCALE: NA
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DRAWING TITLE: HIGH MAST POLE DETAIL

COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS
--

FILE NAME: C:\P\WORK\TIED SWANEGAR\020932\FORD LIGHTING STANDARDS.DGN USER: ted.swanegar



480 VOLT - SINGLE PHASE SERVICE

ANCHOR AS REQUIRED

351 CLASS 4 WOOD POLE

SERVICE WIRES SHALL BE STAMPED SUNLIGHT RESISTANT

SECONDARY LIGHTNING ARRESTOR (MAY BE LOCATED IN CABINET)

RIGID STEEL CONDUIT SIZE AS REQUIRED

SPECIAL NOTE FOR THE DISCONNECT AND CABINET: FURNISH AN ARC FLASH AND SHOCK HAZARD WARNING STICKER ON DISCONNECT/CABINET WITH THE FOLLOWING INFORMATION:
- NOMINAL VOLTAGE (240V)
- NOMINAL CURRENT (100A)
- LIMITED APPROACH BOUNDARY (42 IN)
- RESTRICTED APPROACH BOUNDARY (2 IN)
- MINIMUM APPROACH BOUNDARY (0.5 FT)
SEE NFPA 70E FOR ADDITIONAL PPE REQUIRED

GROUNDING REQUIREMENTS:
CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR TESTING PRIOR TO CONNECTING THE WIRE TO ANY DISCONNECT, CABINET OR POLE.
SERVICE GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE DISCONNECT AND THEN TO EACH RIGID STEEL (R S) GROUNDING BUSHING.
CABINET GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE CABINET GROUND BUS AND THEN TO EACH R S GROUNDING BUSHING.

PHOTOELECTRIC CONTROL SHALL BE INSTALLED SO IT IS WATER TIGHT AND THE SENSOR SHOULD BE DIRECTED AWAY FROM TRAFFIC

NOTE:
THE CABINET ENCLOSURE SHALL INCLUDE AN ALUMINUM BASE ADAPTOR THAT WILL ELEVATE THE CABINET 18 INCHES OFF THE CONCRETE BASE. THE ADAPTOR SHALL BE INSTALLED ON THE ORIGINAL CABINET. THERE SHALL BE A CONTINUOUS BEAD OF CAULK INSTALLED AROUND THE BOTTOM OF CABINET.

3/4" BROW CLEARANCE ALL SIDES AND BACK

CONCRETE PAD (APPROX. 4.5' X 5.5' X 2.5')

(1) SCHEDULE 80 PVC CONDUIT FOR SCHEDULE 80 PVC CONDUIT TO BE STUBBED (2" MIN) AND CAPPED ON BOTH ENDS. CONDUITS SHALL BE 2" FOR CONVENTIONAL LIGHTING CIRCUITS, AND AN ADAPTOR SHALL BE CARVED ON THE TOP OF THE BASE TO SHOW THE LOCATION/DIRECTION OF THE #4 SOLID BASE CORREL WIRE IN A .75" SCHEDULE 80 PVC CONDUIT.

NOTE:
LIGHTING CABINETS SHALL BE ALL CONSTRUCTION (TO INCLUDE EXCAVATION WORK) AND MATERIALS (CONCRETE, STEEL REINFORCEMENT, ETC.) FOR THE CONCRETE PAD SHALL BE INCIDENTAL TO THE POLE FOR THE LIGHTING CONTROL EQUIPMENT BID ITEM.

ALL CONDUITS USED FOR GROUNDING, SPARE, AND SERVICE THAT ARE INSTALLED ON THE POLE AND/OR IN/TO THE CABINET ARE INCIDENTAL TO BID ITEM "47761". THIS INCLUDES PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST THE EDGE OF THE CABINET BASE FOR THE SPARE.

#4 REBAR SHALL BE COMPRISED OF RUNS AS SHOWN AND TIED AT EACH JOINT.

CONTRACTOR SHALL INSTALL ALL LIGHTING CONTROL EQUIPMENT AS INDICATED.

CONCRETE SHALL BE CLASS A. CONCRETE SHALL BE POURED ON 12" OF POWER TAMPED DENSE GRADE ROCK. PAD SHALL BE 30" THICK WITH 18" ABOVE GRADE.

PAD SHALL BE OF SUFFICIENT SIZE TO ALLOW A MINIMUM 36" IN FRONT OF THE CABINET AND 12" MINIMUM CLEARANCE AROUND THE SIDES AND BACK OF THE CABINET.

CONCRETE SHALL BE SLOPED 1/4" PER FOOT TO PREVENT STANDING WATER. OUTSIDE EDGE SHALL HAVE A ONE INCH CHAMFER.

GROUND ROD AND LEAVE TOP EXPOSED BE A MINIMUM OF 24" PAST THE EDGE OF THE CABINET BASE

#4 REBAR

NOT TO SCALE

TYPICAL

GROUND ROD AND LEAVE TOP EXPOSED BE A MINIMUM OF 24" PAST THE EDGE OF THE WOOD POLE.

#4 SOLID BASE CORREL GROUND WIRE IN A 1/2" SCHEDULE 80 PVC CONDUIT

UTILITY DISCONNECT (IF REQUIRED BY THE UTILITY)

METERING EQUIPMENT

FUSED DISCONNECT

RIGID STEEL CONDUIT SIZE AS REQUIRED

DISCONNECT, SAFETY SWITCH AND METER BASE SHALL BE UL RATED FOR COMMERCIAL USE. DISCONNECTS SAFETY SWITCH AND METER BASE SHALL BE STAINLESS STEEL

CONTRACTOR SHALL BE RESPONSIBLE TO CALCULATE THE MAXIMUM AVAILABLE FAULT CURRENT FOR THE SERVICE

CONTRACTOR SHALL NOTIFY STICKER THAT THIS IS A LIMITED APPROACH BOUNDARY THAT WILL BE INSTALLED IN THE DISCONNECT WITH THE SYMMETRICAL RMS AMPERES AND THE AVAILABLE FAULT CURRENT SHALL BE CALCULATED. THE STICKER SHALL BE 4" LONG AND 4" WIDE AND BE METALCRAFT PL425 PERM STYLE MARK LABEL (OR APPROVED EQUIVALENT) MADE OF POLYCARBONATE MATERIAL AND WITH MET70 PRESSURE SENSITIVE ADHESIVE OR APPROVED EQUAL.

ITEM NO. N/A
COUNTY OF GRAVES
SHEET NO. T19

HORIZONTAL SCALE: 1" = 8'
VERTICAL SCALE: 1" = 8'

DRAWING TITLE: LIGHTING CONTROL CABINET DETAIL FOR I-69 @ KY 80

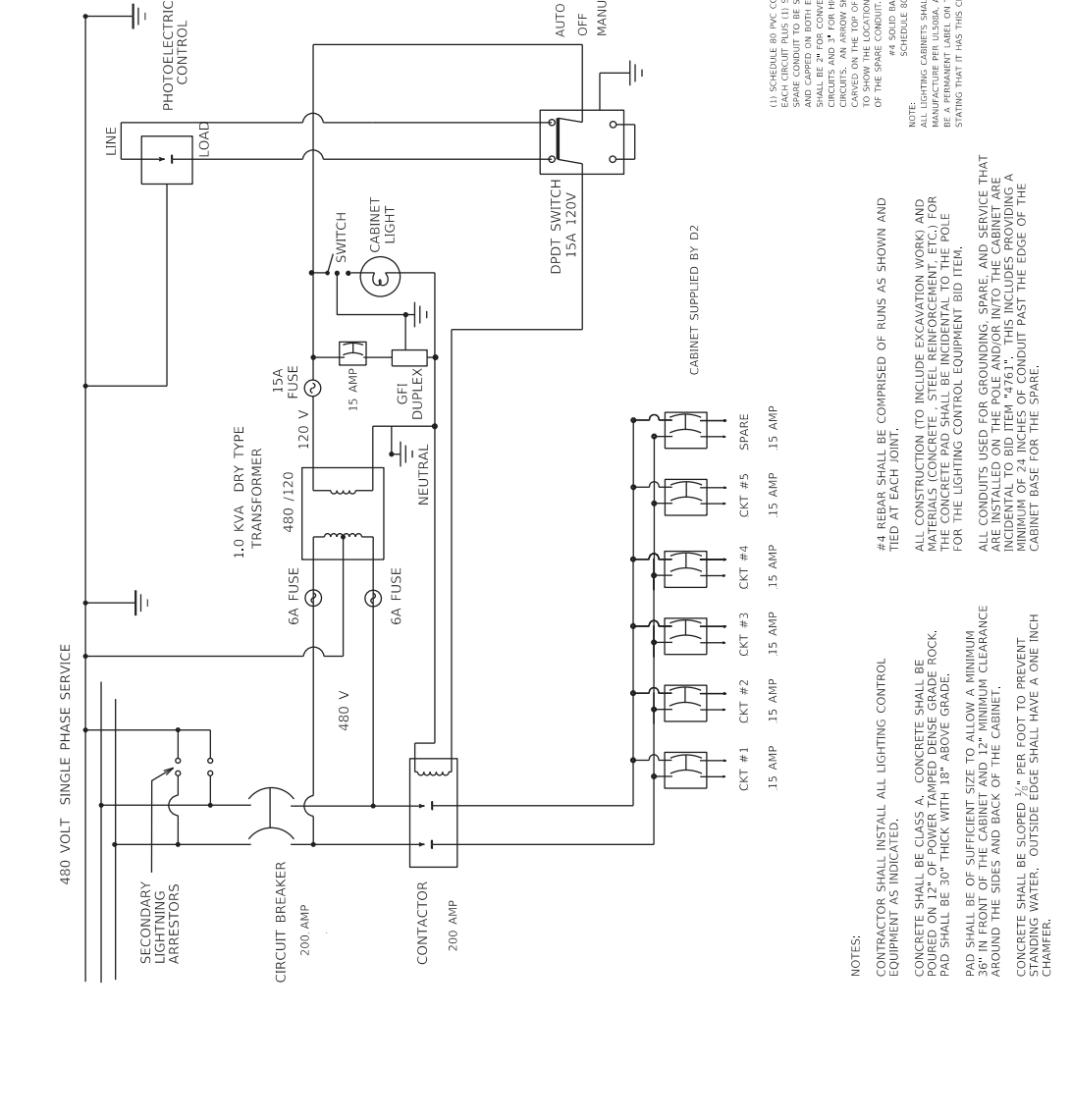
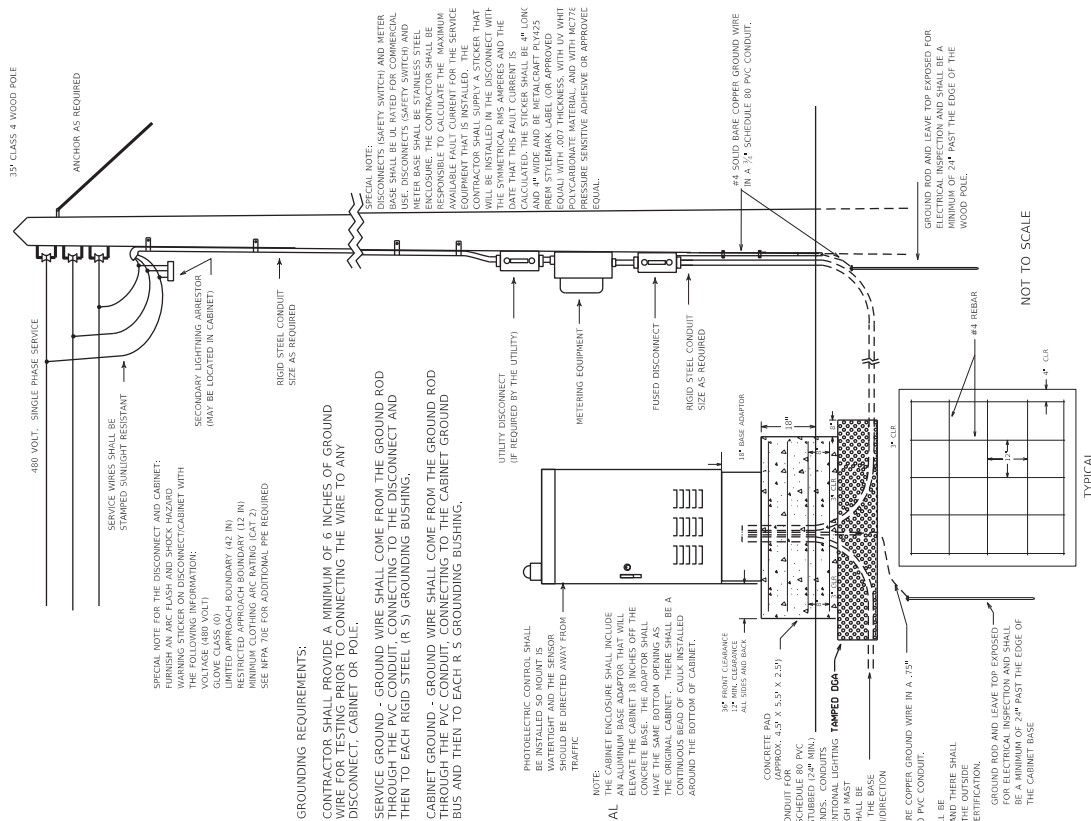
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

9/23/2021

DATE PLOTTED: 9/27/2015 7:08:02 PM

USER: ted.wassenaar

FILE NAME: C:\PWORK\KENTUCKY\SWANEGAR\020932\ORD LIGHTING STANDARDS.DGN



NOTES:

CONTRACTOR SHALL INSTALL ALL LIGHTING CONTROL EQUIPMENT AS INDICATED.

CONCRETE SHALL BE CLASS A. CONCRETE SHALL BE POURED ON 12" OF POWER TAMPED DENSE GRADE ROCK. PAD SHALL BE 30" THICK WITH 18" ABOVE GRADE.

PAD SHALL BE OF SUFFICIENT SIZE TO ALLOW A MINIMUM 36" IN FRONT OF THE CABINET AND 12" MINIMUM CLEARANCE AROUND THE SIDES AND BACK OF THE CABINET.

CONCRETE SHALL BE SLOPED 1/4" PER FOOT TO PREVENT STANDING WATER. OUTSIDE EDGE SHALL HAVE A ONE INCH CHAMFER.

#4 REBAR SHALL BE COMPRISED OF RUNS AS SHOWN AND TIED AT EACH JOINT.

ALL CONSTRUCTION (TO INCLUDE EXCAVATION WORK) AND MATERIALS (CONCRETE, STEEL REINFORCEMENT, ETC.) FOR THE CONCRETE PAD SHALL BE INCIDENTAL TO THE POLE FOR THE LIGHTING CONTROL EQUIPMENT BID ITEM.

ALL CONDUITS USED FOR GROUNDING, SPARE, AND SERVICE THAT ARE INSTALLED ON THE POLE AND/OR INTO THE CABINET ARE INCIDENTAL TO BID ITEM "4761". THIS INCLUDES PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST THE EDGE OF THE CABINET BASE FOR THE SPARK.

9/23/2021



DRAWING TITLE: 1-69 @ KY 91 LIGHTING CONTROL CABINET DETAIL FOR

HORIZONTAL SCALE: 1" = 8'

FILE NAME: C:\PWORK\KENTSWANE\9020093\3RD LIGHTING STANDARDS.DGN

DATE PLOTTED: 07/20/05 7:08:02 PM

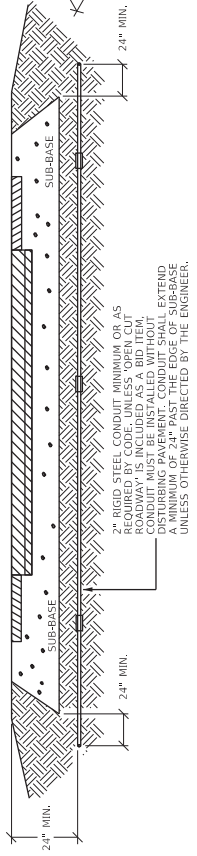
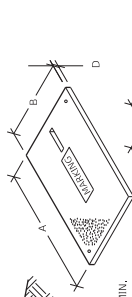
USER: rcdwagner

ITEM NO. N/A COUNTY OF GRAVES
SHEET NO. T20

JUNCTION BOX DIMENSIONS (NOMINAL)

	A	B	C	D	E	F
TYPE A	23"	14"	27"	2"	25"	15"
TYPE B	18"	11"	12"	1.75"	20"	13"
TYPE C	36"	24"	30"	3"	38"	26"

* MINIMUM
NOTE: STACKABLE BOXES ARE PERMITTED
JUNCTION BOX



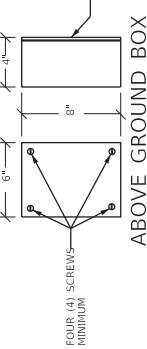
CONDUIT INSTALLATION UNDER EXISTING PAVEMENT DETAIL

DEPTHS SHOWN FOR CONDUIT AND COVER PLATE SHALL BE MINIMUM. CONTRACTOR SHALL PLACE AND COMPACT BACKFILL IN 9" MAXIMUM LIFTS AND BEFORE COVER PLATE IS TO THE SATISFACTION OF ENGINEER.

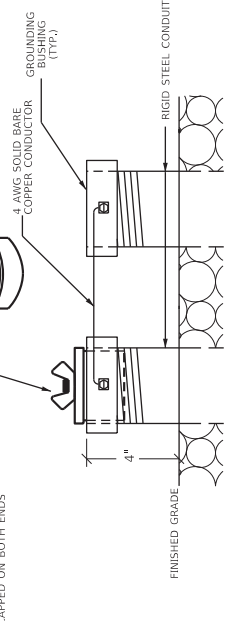


CONDUIT, DUCTED CABLE, AND WARNING TAPE TRENCH

ABOVE GROUND BOX SHALL BE FABRICATED FROM MINIMUM 12 GAUGE STEEL AND GALVANIZED AFTER FABRICATION. BOXES SHALL HAVE NO KNOCKOUTS AND SHALL BE PROVIDED WITH WEATHER RESISTANT COVER PLATE. THE COVER PLATE SHALL BE SECURED TO THE BOX WITH FOUR (4) SCREWS (MINIMUM) AND CABLE CLAMPS SHALL BE PROVIDED FOR CABLES ENTERING AND EXITING THE BOX.

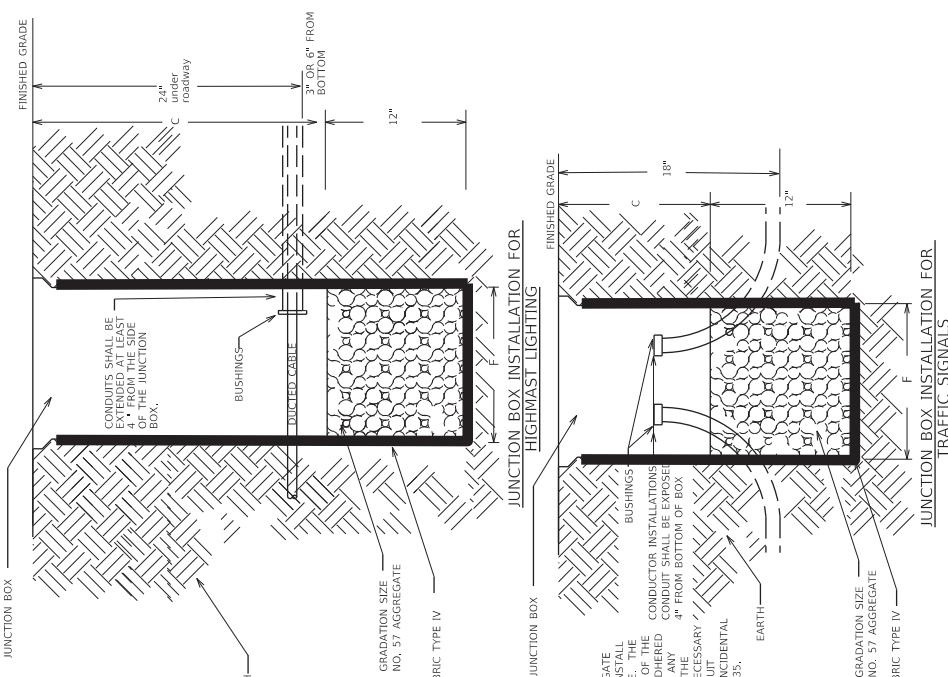


ESTRIPE PLUG FOR SPARE CONDUITS) -APPED ON BOTH ENDS

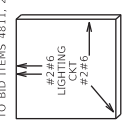


TEST/PIPE PLUG(FOR SPARE CONDUITS) AND GROUNDING DETAIL

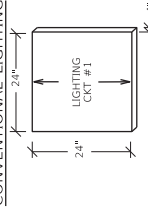
3/13/2017



BEFORE THE INSTALLATION OF THE #57 AGGREGATE AND FIBER FABRIC TYPE IV, THE GEOTEXTILE FILTER FABRIC TYPE IV IN THE HOLE OF THE JUNCTION BOX AND SHALL BE CONTINUOUSLY ADHERED TO THE EXTERIOR OF THE BOX WITH ADHESIVE. ANY SEPARATIONS WHERE CONDUITS ENTER THE BOX, THE NECESSARY SEPARATIONS SHALL BE MADE TO ALLOW PASSAGE OF EACH INDIVIDUAL CONDUIT THROUGH THE FABRIC. THE FABRIC SHALL BE INCIDENTAL TO BID ITEMS 4811, 20391N835, OR 20392N835.



JUNCTION BOX INSTALLATION FOR CONVENTIONAL LIGHTING

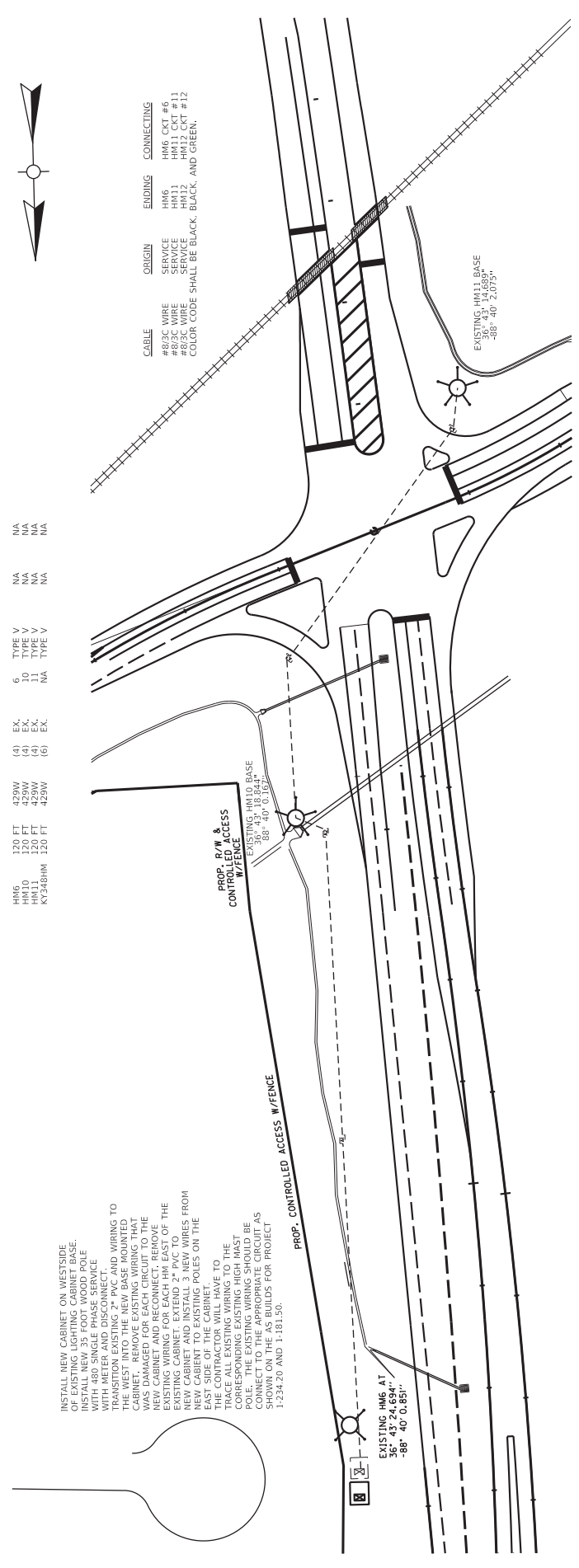


POLE	MITC. Ht.	LAMP WATTS	BASE NO. DEPTH	CKT. LIGHT NO. PATTERN	HOUSE SIDE SHIELD	REFRACTOR ORIENTATION
HM6	120 FT	429W	(4) EX.	TYPE V	NA	NA
HM11	120 FT	429W	(4) EX.	TYPE V	NA	NA
KY348HM	120 FT	429W	(6) EX.	TYPE V	NA	NA

INSTALL NEW CABINET ON WESTSIDE OF EXISTING LIGHTING CABINET BASE. INSTALL NEW 35 FOOT WOOD POLE WITH 480 SINGLE PHASE SERVICE WITH METER AND DISCONNECT AND WIRING TO THE WEST INTO THE NEW BASE MOUNTED CABINET. REMOVE EXISTING WIRING THAT WAS DAMAGED FOR EACH CIRCUIT TO THE EXISTING CABINET. EXTEND 2" PVC TO EXISTING CABINET AND INSTALL 3 NEW WIRES FROM NEW CABINET TO EXISTING POLES ON THE WEST SIDE TO THE CABINET. THE CONTRACTOR WILL HAVE TO TRACE ALL EXISTING WIRING TO THE CORRESPONDING EXISTING HIGH MAST POLES TO THE APPROPRIATE CIRCUIT AS SHOWN ON THE AS BUILDS FOR PROJECT 1-234.20 AND 1-181.50.

CABLE	WIRE	ORIGIN	ENDING	CONNECTING
#8/3C	WIRE	SERVICE	HM6	HM6 CKT #6
#8/3C	WIRE	SERVICE	HM11	HM11 CKT #11
#8/3C	WIRE	SERVICE	HM12	HM12 CKT #12

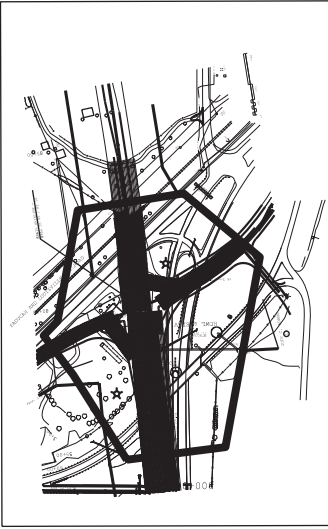
COLOR CODE SHALL BE BLACK, BLACK, AND GREEN.



AG32 USE (MARSHALL COUNTY LUMINAIRES SHALL BE THE SAME AS GRAVES COUNTY)

LEGEND

- PROPOSED HIGH MAST POLE (POLE ONLY)
- EX. BASE MOUNTED CABINET
- EX. JUNCTION BOXES - TYPES A & C (AS DESIGNATED)
- EX. 2" RIGID STEEL CONDUIT (UNLESS OTHERWISE NOTED)
- CALCULATION ZONE



THE CONTRACTOR SHALL REMOVE EXISTING HM 6, 10, 11, POLE AND DISCONNECT EXISTING WIRING. THE CONTRACTOR SHALL REMOVE EXISTING HM 6, 10, 11 BASE. THE CONTRACTOR WILL NEED TO MATCH THE EXISTING HIGH MAST BOLT CIRCLE. THE CONTRACTOR SHALL REMOVE EXISTING WIRING TO NEW HM POLE BREAKER. ALL THIS SHOULD BE INCIDENTAL TO THE INSTALLATION OF THE NEW HIGH MAST POLE.

NOTE:
HIGH MAST POLES SHALL BE PLACED AS SHOWN ON THIS PLAN. THE CONTRACTOR SHALL STATE ON PLANS TO PROVIDE PROPER ILLUMINATION. IF ANY POLE NEEDS TO BE RELOCATED, THE RELOCATION SHALL BE CONTACTED AT 502-564-3020.

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: LIGHTING PLAN 169 @ KY 80

DATE PLOTTED: 07/20/25 7:08:02 PM

USER: TctSwanegar

FILE NAME: C:\P\WORK\TCT\SWANEGAR\22099\FB\WATFIELD 06 KY 80.DWG

HORIZONTAL SCALE: 1" = 50'

SCALE: 0' 50' 100' 200'

ITEM NO. N/A
SHEET NO. T22

COUNTY OF GRAVES

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>

2020 STANDARD DRAWINGS THAT APPLY

TRAFFIC

~ TEMPORARY ~

TRAFFIC CONTROL

LANE CLOSURE TWO-LANE HIGHWAY	TTC-100-05
LANE CLOSURE MULTI-LANE HIGHWAY CASE I	TTC-115-04
SHOULDER CLOSURE	TTC-135-03

PART III

EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

FHWA-1273 -- Revised May 1, 2012

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

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

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

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

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

**KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS**

**EMPLOYMENT REQUIREMENTS
RELATING TO
NONDISCRIMINATION OF EMPLOYEES
(APPLICABLE TO FEDERAL-AID SYSTEM CONTRACTS)**

**AN ACT OF THE KENTUCKY GENERAL ASSEMBLY
TO PREVENT DISCRIMINATION IN EMPLOYMENT**

**KRS CHAPTER 344
EFFECTIVE JUNE 16, 1972**

The contract on this project, in accordance with KRS Chapter 344, provides that during the performance of this contract, the contractor agrees as follows:

1. The contractor shall not fail or refuse to hire, or shall not discharge any individual, or otherwise discriminate against an individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's race, color, religion, national origin, sex, disability or age (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: KY20220040 05/06/2022

Superseded General Decision Number: KY20210040

State: Kentucky

Construction Type: Highway

Counties: Allen, Ballard, Butler, Caldwell, Calloway, Carlisle, Christian, Crittenden, Daviess, Edmonson, Fulton, Graves, Hancock, Henderson, Hickman, Hopkins, Livingston, Logan, Lyon, Marshall, McCracken, McLean, Muhlenberg, Ohio, Simpson, Todd, Trigg, Union, Warren and Webster Counties in Kentucky.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: 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).

<p>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:</p>	<ul style="list-style-type: none"> . Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$15.00 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 2022.
<p>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:</p>	<ul style="list-style-type: none"> . Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$11.25 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 2022.

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 <https://www.dol.gov/agencies/whd/government-contracts>.

Modification Number	Publication Date
0	01/07/2022
1	01/14/2022
2	02/11/2022
3	02/18/2022
4	02/25/2022
5	05/06/2022

BRIN0004-002 06/01/2021

BALLARD, BUTLER, CALDWELL, CARLISLE, CRITTENDEN, DAVIESS, EDMONSON, FULTON, GRAVES, HANCOCK, HENDERSON, HICKMAN, HOPKINS, LIVINGSTON, LYON, MARSHALL, MCCRACKEN, MCLEAN, MUHLENBERG, OHIO, UNION, and WEBSTER COUNTIES

	Rates	Fringes
BRICKLAYER Ballard, Caldwell, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, and McCracken Counties.....	\$ 30.50	15.16
Butler, Edmonson, Hopkins, Muhlenberg, and Ohio Counties.....	\$ 26.80	12.38
Daviess, Hancock, Henderson, McLean, Union, and Webster Counties.....	\$ 29.57	14.75

 BRTN0004-005 06/01/2021

ALLEN, CALLOWAY, CHRISTIAN, LOGAN, SIMPSON, TODD, TRIGG, and WARREN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 29.75	14.75

 * CARP0357-002 04/01/2022

	Rates	Fringes
CARPENTER.....	\$ 30.84	22.15
DIVER.....	\$ 46.64	22.15
PILEDRIVERMAN.....	\$ 31.09	22.15

 ELEC0369-006 05/31/2021

BUTLER, EDMONSON, LOGAN, TODD & WARREN COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 33.85	18.72

 ELEC0429-001 01/01/2020

ALLEN & SIMPSON COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 27.72	13.48

ELEC0816-002 06/01/2021

BALLARD, CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN,
 FULTON (Except a 5 mile radius of City Hall in Fulton), GRAVES,
 HICKMAN, LIVINGSTON, LYON, MARSHALL, MCCrackEN & TRIGG COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 34.48	26.5%+7.25

Cable spicers receive \$.25 per hour additional.

ELEC1701-003 06/01/2021

DAVISS, HANCOCK, HENDERSON, HOPKINS, MCLEAN, MUHLENBERG, OHIO,
 UNION & WEBSTER COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 33.30	28.8%+\$7.25

Cable spicers receive \$.25 per hour additional.

ELEC1925-002 01/01/2022

FULTON COUNTY (Up to a 5 mile radius of City Hall in Fulton):

	Rates	Fringes
CABLE SPLICER.....	\$ 26.85	14.81
ELECTRICIAN.....	\$ 26.35	14.79

ENGI0181-017 07/01/2021

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 34.80	17.85
GROUP 2.....	\$ 31.94	17.85
GROUP 3.....	\$ 32.39	17.85
GROUP 4.....	\$ 31.62	17.85

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - A-Frame Winch Truck; Auto Patrol; Backfiller;
 Batcher Plant; Bituminous Paver; Bituminous Transfer
 Machine; Boom Cat; Bulldozer; Mechanic; Cableway; Carry-All
 Scoop; Carry Deck Crane; Central Compressor Plant; Cherry
 Picker; Clamshell; Concrete Mixer (21 cu. ft. or Over);
 Concrete Paver; Truck-Mounted Concrete Pump; Core Drill;
 Crane; Crusher Plant; Derrick; Derrick Boat; Ditching &
 Trenching Machine; Dragline; Dredge Operator; Dredge
 Engineer; Elevating Grader & Loaders; Grade-All; Gurries;
 Heavy Equipment Robotics Operator/Mechanic; High Lift;
 Hoe-Type Machine; Hoist (Two or More Drums); Hoisting
 Engine (Two or More Drums); Horizontal Directional Drill

Operator; Hydrocrane; Hyster; KeCal Loader; LeTourneau;
 Locomotive; Mechanic; Mechanically Operated Laser Screed;
 Mechanic Welder; Mucking Machine; Motor Scraper; Orangepeel
 Bucket; Overhead Crane; Piledriver; Power Blade; Pumpcrete;
 Push Dozer; Rock Spreader, attached to equipment; Rotary
 Drill; Roller (Bituminous); Rough Terrain Crane; Scarifier;
 Scoopmobile; Shovel; Side Boom; Subgrader; Tailboom;
 Telescoping Type Forklift; Tow or Push Boat; Tower Crane
 (French, German & other types); Tractor Shovel; Truck
 Crane; Tunnel Mining Machines, including Moles, Shields or
 similar types of Tunnel Mining Equipment

GROUP 2 - Air Compressor (Over 900 cu. ft. per min.);
 Bituminous Mixer; Boom Type Tamping Machine; Bull Float;
 Concrete Mixer (Under 21 cu. ft.); Dredge Engineer;
 Electric Vibrator; Compactor/Self-Propelled Compactor;
 Elevator (One Drum or Buck Hoist); Elevator (When used to
 Hoist Building Material); Finish Machine; Firemen & Hoist
 (One Drum); Flexplane; Forklift (Regardless of Lift
 Height); Form Grader; Joint Sealing Machine; Outboard Motor
 Boat; Power Sweeper (Riding Type); Roller (Rock); Ross
 Carrier; Skid Mounted or Trailer Mounted Concrete Pump; Skid
 Steer Machine with all Attachments; Switchman or Brakeman;
 Throttle Valve Person; Tractair & Road Widening Trencher;
 Tractor (50 H.P. or Over); Truck Crane Oiler; Tugger;
 Welding Machine; Well Points; & Whirley Oiler

GROUP 3 -All Off Road Material Handling Equipment, including
 Articulating Dump Trucks; Greaser on Grease Facilities
 servicing Heavy Equipment

GROUP 4 - Bituminous Distributor; Burlap & Curing Machine;
 Cement Gun; Concrete Saw; Conveyor; Deckhand Oiler; Grout
 Pump; Hydraulic Post Driver; Hydro Seeder; Mud Jack; Oiler;
 Paving Joint Machine; Power Form Handling Equipment; Pump;
 Roller (Earth); Steerman; Tamping Machine; Tractor (Under
 50 H.P.); & Vibrator

CRANES - with booms 150 ft. & Over (Including JIB), and where
 the length of the boom in combination with the length of
 the piling equals or exceeds 150 ft. - \$1.00 above Group 1
 rate

EMPLOYEES ASSIGNED TO WORK BELOW GROUND LEVEL ARE TO BE PAID
 10% ABOVE BASIC WAGE RATE. THIS DOES NOT APPLY TO OPEN CUT
 WORK.

 IRON0070-005 06/01/2021

BUTLER COUNTY (Eastern eighth, including the Townships of
 Decker, Lee & Tilford);
 EDMONSON COUNTY (Northern three-fourths, including the
 Townships of Asphalt, Bee Spring, Brownsville, Grassland, Huff,
 Kyrock, Lindseyville, Mammoth Cave, Ollie, Prosperity, Rhoda,
 Sunfish & Sweden)

Rates Fringes

IRONWORKER

Structural; Ornamental;		
Reinforcing; Precast		
Concrete Erectors.....	\$ 31.09	23.75

IRON0103-004 08/01/2021

DAVISS, HANCOCK, HENDERSON, HOPKINS, MCLEAN, OHIO, UNION & WEBSTER COUNTIES
 BUTLER COUNTY (Townships of Aberdeen, Bancock, Casey, Dexterville, Dunbar, Elfie, Gilstrap, Huntsville, Logansport, Monford, Morgantown, Provo, Rochester, South Hill & Welchs Creek);
 CALDWELL COUNTY (Northeastern third, including the Township of Creswell);
 CHRISTIAN COUNTY (Northern third, including the Townships of Apex, Crofton, Kelly, Mannington & Wynns);
 CRITTENDEN COUNTY (Northeastern half, including the Townships of Grove, Mattoon, Repton, Shady Grove & Tribune);
 MUHLENBERG COUNTY (Townships of Bavier, Beech Creek Junction, Benton, Brennen, Browder, Central City, Cleaton, Depoy, Drakesboro, Eunis, Graham, Hillside, Luzerne, Lynn City, Martwick, McNary, Millport, Moorman, Nelson, Paradise, Powderly, South Carrollton, Tarina & Weir)

	Rates	Fringes
Ironworkers:.....	\$ 30.00	25.29

IRON0492-003 05/01/2021

ALLEN, LOGAN, SIMPSON, TODD & WARREN COUNTIES
 BUTLER COUNTY (Southern third, including the Townships of Boston, Berrys Lick, Dimple, Jetson, Quality, Sharer, Sugar Grove & Woodbury);
 CHRISTIAN COUNTY (Eastern two-thirds, including the Townships of Bennettstown, Casky, Herndon, Hopkinsville, Howell, Masonville, Pembroke & Thompsonville);
 EDMONSON COUNTY (Southern fourth, including the Townships of Chalybeate & Rocky Hill);
 MUHLENBERG COUNTY (Southern eighth, including the Townships of Dunnior, Penrod & Rosewood)

	Rates	Fringes
Ironworkers:.....	\$ 30.35	15.36

IRON0782-006 08/01/2021

BALLARD, CALLOWAY, CARLISLE, FULTON, GRAVES, HICKMAN, LIVINGSTON, LYON, MARSHALL, MCCRACKEN & TRIGG COUNTIES
 CALDWELL COUNTY (Southwestern two-thirds, including the Townships of Cedar Bluff, Cider, Claxton, Cobb, Crowtown, Dulaney, Farmersville, Fredonia, McGowan, Otter Pond & Princeton);
 CHRISTIAN COUNTY (Western third, Excluding the Townships of Apex, Crofton, Kelly, Mannington, Wynns, Bennettstown, Casky, Herndon, Hopkinsville, Howell, Masonville, Pembroke & Thompsonville);
 CRITTENDEN COUNTY (Southwestern half, including the Townships of Crayne, Dycusburg, Frances, Marion, Mexico, Midway, Sheridan & Told)

	Rates	Fringes
Ironworkers:		
Projects with a total		

contract cost of		
\$20,000,000.00 or above.....\$	30.83	25.52
All Other Work.....\$	29.24	23.22

 LAB00189-005 07/01/2021

BALLARD, CALLOWAY, CARLISLE, FULTON, GRAVES, HICKMAN,
 LIVINGSTON, LYON, MARSHALL & MCCRACKEN COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....\$	23.51	16.22
GROUP 2.....\$	23.76	16.22
GROUP 3.....\$	23.81	16.22
GROUP 4.....\$	24.41	16.22

LABORER CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson; Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper; Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer); Brickmason Tender; Mortar Mixer Operator; Scaffold Builder; Burner & Welder; Bushhammer; Chain Saw Operator; Concrete Saw Operator; Deckhand Scow Man; Dry Cement Handler; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level C; Forklift Operator for Masonary; Form Setter; Green Concrete Cutting; Hand Operated Grouter & Grinder Machine Operator; Jackhammer; Pavement Breaker; Paving Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven Georgia Buggy & Wheel Barrow; Power Post Hole Digger; Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind Trencher; Sand Blaster; Concrete Chipper; Surface Grinder; Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite Operator & Mixer; Grout Pump Operator; Blaster; Side Rail Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Levels A & B; Miner & Driller (Free Air); Tunnel Blaster; & Tunnel Mucker (Free Air); Directional & Horizontal Boring; Air Track Drillers (All Types); Powdermen & Blasters; Troxler & Concrete Tester if Laborer is Utilized

 LAB00189-006 07/01/2021

ALLEN, BUTLER, CALDWELL, CHRISTIAN, DAVIESS, EDMONSON, HANCOCK,
 HOPKINS, LOGAN, MCLEAN, MUHLENBERG, OHIO, SIMPSON, TODD, TRIGG
 & WARREN COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 23.51	16.22
GROUP 2.....	\$ 23.76	16.22
GROUP 3.....	\$ 23.81	16.22
GROUP 4.....	\$ 24.41	16.22

LABORER CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson; Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper; Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer); Brickmason Tender; Mortar Mixer Operator; Scaffold Builder; Burner & Welder; Bushhammer; Chain Saw Operator; Concrete Saw Operator; Deckhand Scow Man; Dry Cement Handler; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level C; Forklift Operator for Masonary; Form Setter; Green Concrete Cutting; Hand Operated Grouter & Grinder Machine Operator; Jackhammer; Pavement Breaker; Paving Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven Georgia Buggy & Wheel Barrow; Power Post Hole Digger; Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind Trencher; Sand Blaster; Concrete Chipper; Surface Grinder; Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite Operator & Mixer; Grout Pump Operator; Blaster; Side Rail Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Levels A & B; Miner & Driller (Free Air); Tunnel Blaster; & Tunnel Mucker (Free Air); Directional & Horizontal Boring; Air Track Drillers (All Types); Powdermen & Blasters; Troxler & Concrete Tester if Laborer is Utilized

 LAB00561-001 07/01/2021

CRITTENDEN, HENDERSON, UNION & WEBSTER COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 24.01	16.60
GROUP 2.....	\$ 24.26	16.60
GROUP 3.....	\$ 24.31	16.60
GROUP 4.....	\$ 24.91	16.60

LABORER CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement

Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson; Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper; Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer); Brickmason Tender; Mortar Mixer Operator; Scaffold Builder; Burner & Welder; Bushhammer; Chain Saw Operator; Concrete Saw Operator; Deckhand Scow Man; Dry Cement Handler; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level C; Forklift Operator for Masonary; Form Setter; Green Concrete Cutting; Hand Operated Grouter & Grinder Machine Operator; Jackhammer; Pavement Breaker; Paving Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven Georgia Buggy & Wheel Barrow; Power Post Hole Digger; Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind Trencher; Sand Blaster; Concrete Chipper; Surface Grinder; Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite Operator & Mixer; Grout Pump Operator; Blaster; Side Rail Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Levels A & B; Miner & Driller (Free Air); Tunnel Blaster; & Tunnel Mucker (Free Air); Directional & Horizontal Boring; Air Track Drillers (All Types); Powdermen & Blasters; Troxler & Concrete Tester if Laborer is Utilized

 PAIN0032-002 09/01/2020

BALLARD COUNTY

	Rates	Fringes
Painters:		
Bridges.....	\$ 35.01	17.93
All Other Work.....	\$ 32.71	17.93

Spray, Blast, Steam, High & Hazardous (Including Lead Abatement) and All Epoxy - \$1.00 Premium

 PAIN0118-003 06/01/2014

EDMONSON COUNTY:

	Rates	Fringes
Painters:		
Brush & Roller.....	\$ 18.50	11.97
Spray, Sandblast, Power Tools, Waterblast & Steam Cleaning.....	\$ 19.50	11.97

 * PAIN0156-006 04/01/2022

DAVIESS, HANCOCK, HENDERSON, MCLEAN, OHIO, UNION & WEBSTER
 COUNTIES

	Rates	Fringes
Painters:		
BRIDGES		
GROUP 1.....	\$ 28.45	18.98
GROUP 3.....	\$ 29.45	18.98
GROUP 4.....	\$ 30.70	18.98
ALL OTHER WORK:		
GROUP 1.....	\$ 27.30	18.98
GROUP 2.....	\$ 27.55	18.98
GROUP 3.....	\$ 28.30	18.98
GROUP 4.....	\$ 29.55	18.98

PAINTER CLASSIFICATIONS

GROUP 1 - Brush & Roller

GROUP 2 - Plasterers

GROUP 3 - Spray; Sandblast; Power Tools; Waterblast;
 Steamcleaning; Brush & Roller of Mastics, Creosotes, Kwinch
 Koate & Coal Tar Epoxy

GROUP 4 - Spray of Mastics, Creosotes, Kwinch Koate & Coal
 Tar Epoxy

 PAIN0500-002 06/01/2020

CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN, FULTON,
 GRAVES, HICKMAN, HOPKINS, LIVINGSTON, LYON, MARSHALL, MCCRACKEN
 & TRIGG COUNTIES:

	Rates	Fringes
Painters:		
Bridges.....	\$ 27.75	15.10
All Other Work.....	\$ 21.50	15.10

Waterblasting units with 3500 PSI and above - \$.50 premium
 Spraypainting and all abrasive blasting - \$1.00 premium
 Work 40 ft. and above ground level - \$1.00 premium

 PLUM0184-002 07/01/2021

BALLARD, CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN,
 FULTON, GRAVES, HICKMAN, LIVINGSTON, LYON, MARSHALL, MCCRACKEN
 and TRIGG COUNTIES

	Rates	Fringes
Plumber; Steamfitter.....	\$ 37.16	19.03

 PLUM0502-004 08/01/2021

ALLEN, BUTLER, EDMONSON, SIMPSON & WARREN

	Rates	Fringes
Plumber; Steamfitter.....	\$ 38.07	20.78

PLUM0633-002 07/01/2021		

DAVIESS, HANCOCK, HENDERSON, HOPKINS, LOGAN, MCLEAN,
 MUHLENBERG, OHIO, TODD, UNION & WEBSTER COUNTIES:

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 33.17	19.30

TEAM0089-003 04/01/2020		

ALLEN, BUTLER, EDMONSON, LOGAN, SIMPSON & WARREN COUNTIES

	Rates	Fringes
Truck drivers:		
Zone 1:		
Group 1.....	\$ 20.82	23.49
Group 2.....	\$ 21.00	23.49
Group 3.....	\$ 21.08	23.49
Group 4.....	\$ 21.10	23.49

GROUP 1 - Greaser; Tire Changer

GROUP 2 - Truck Mechanic; Single Axle Dump; Flat Bed; All Terrain Vehicles when used to haul materials; Semi Trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Driver of Distributors

GROUP 3 - Mixer All Types

GROUP 4 - Winch and A-Frame when used in transporting materials; Ross Carrier; Fork Lift when used to transport building materials; Driver on Pavement Breaker; Euclid and Other Heavy Earth Moving Equipment; Low Boy; Articulator Cat; Five Axle Vehicle

TEAM0215-003 04/01/2020		

DAVIESS, HANCOCK, HENDERSON, HOPKINS, MCLEAN, MUHLENBERG, OHIO & WEBSTER COUNTIES

	Rates	Fringes
TRUCK DRIVER		
Group 1.....	\$ 22.45	23.49
Group 2.....	\$ 22.68	23.49
Group 3.....	\$ 22.75	23.49
Group 4.....	\$ 22.76	23.49

GROUP 1: Greaser, Tire Changer

GROUP 2: Truck Mechanic

GROUP 3: Single Axle Dump; Flat Bed; All Terrain Vehicle when used to haul materials; Semi Trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Driver of Distributors; Mixer All Types

GROUP 4: Euclid and other heavy earth moving equipment; Low Boy; Articulator Cat; 5 Axle Vehicle; Winch and A- Frame when used in transporting materials; Ross Carrier; Fork Lift when used to transport building materials; Driver on Pavement Breaker

TEAM0236-001 04/01/2020

BALLARD, CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN, FULTON, GRAVES, HICKMAN, LIVINGSTON, LYON, MARSHALL, MCCRACKEN, TODD & TRIGG COUNTIES

	Rates	Fringes
TRUCK DRIVER		
Group 1.....	\$ 20.82	23.49
Group 2.....	\$ 21.00	23.49
Group 3.....	\$ 21.00	23.49
Group 4.....	\$ 21.00	23.49
Group 5.....	\$ 21.08	23.49

GROUP 1: Greaser, Tire Changer

GROUP 2: Truck Mechanic

GROUP 3: Single Axle Dump; Flat Bed; All Terrain Vehicle when used to haul materials; Semi Trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Drivers of Distributors

GROUP 4: Euclid and other heavy earth moving equipment; Low Boy; Articulator Cat; Five Axle Vehicle; Winch and A-Frame when used in transporting materials; Ross Carrier

GROUP 5: Mixer All Types

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

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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
5.2%	6.9%

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally-assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4, 3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed. The notification shall be mailed to:

**Evelyn Teague, Regional Director
Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8609**

4. As used in this Notice, and in the contract resulting from this solicitation, the "**covered area**" is Caldwell 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
5.2%	6.9%

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally-assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4, 3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed. The notification shall be mailed to:

**Evelyn Teague, Regional Director
Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8609**

4. As used in this Notice, and in the contract resulting from this solicitation, the "**covered area**" is Graves 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
5.2%	6.9%

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally-assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4, 3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed. The notification shall be mailed to:

**Evelyn Teague, Regional Director
Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8609**

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

PART IV
INSURANCE

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

PART V
BID ITEMS

PROPOSAL BID ITEMS

224319

Page 1 of 2

Report Date 5/25/22

Section: 0001 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	02562		TEMPORARY SIGNS	2,000.00	SQFT		\$	
0020	02650		MAINTAIN & CONTROL TRAFFIC (GRAVES KY 80X)	1.00	LS		\$	
0030	02650		MAINTAIN & CONTROL TRAFFIC (GRAVES KY 121)	1.00	LS		\$	
0040	02650		MAINTAIN & CONTROL TRAFFIC (GRAVES KY 121X)	1.00	LS		\$	
0050	02650		MAINTAIN & CONTROL TRAFFIC (GRAVES US 45)	1.00	LS		\$	
0060	02775		ARROW PANEL	24.00	EACH		\$	
0070	04780		FUSED CONNECTOR KIT	83.00	EACH		\$	
0080	04811		ELECTRICAL JUNCTION BOX TYPE B	1.00	EACH		\$	
0090	04820		TRENCHING AND BACKFILLING	705.00	LF		\$	
0100	04821		OPEN CUT ROADWAY	2,659.00	LF		\$	
0110	04844		CABLE-NO. 14/5C	1,215.00	LF		\$	
0120	04845		CABLE-NO. 14/7C	13,489.00	LF		\$	
0130	04881		MAST ARM POLE	16.00	EACH		\$	
0140	04885		MESSENGER-10800 LB	225.00	LF		\$	
0150	04932		INSTALL STEEL STRAIN POLE	8.00	EACH		\$	
0160	04935		TEMP SIGNAL (GRAVES KY 121X)	1.00	LS		\$	
0170	04960		REMOVE AND REPLACE SIDEWALK	118.00	SQYD		\$	
0180	06406		SBM ALUM SHEET SIGNS .080 IN	132.00	SQFT		\$	
0190	20093NS835		INSTALL PEDESTRIAN HEAD-LED	64.00	EACH		\$	
0200	20188NS835		INSTALL LED SIGNAL-3 SECTION	72.00	EACH		\$	
0210	20390NS835		INSTALL COORDINATING UNIT	8.00	EACH		\$	
0220	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	20.00	EACH		\$	
0230	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	5.00	EACH		\$	
0240	20408ES835		INSTALL LED BEACON-12 IN	12.00	EACH		\$	
0250	21743NN		INSTALL PEDESTRIAN DETECTOR	64.00	EACH		\$	
0260	23157EN		TRAFFIC SIGNAL POLE BASE	103.50	CUYD		\$	
0270	23222EC		INSTALL SIGNAL PEDESTAL	16.00	EACH		\$	
0280	23235EC		INSTALL PEDESTAL POST	1.00	EACH		\$	
0290	24488ED		INSTALL MAST ARM MOUNTED SIGN	23.00	EACH		\$	
0300	24526ED		INSTALL-BEACON CONTROLLER-2 CIRCUIT	2.00	EACH		\$	
0310	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	180.00	LF		\$	
0320	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	4,144.00	LF		\$	
0330	24908EC		INSTALL SIGNAL CONTROLLER-TY ATC	8.00	EACH		\$	
0340	24955ED		REMOVE SIGNAL EQUIPMENT	11.00	EACH		\$	
0350	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	29.00	EACH		\$	
0360	26120EC		INSTALL RADAR ADVANCE DETECTOR TYPE B	2.00	EACH		\$	

Section: 0002 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0370	02562		TEMPORARY SIGNS	900.00	SQFT		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0380	02650		MAINTAIN & CONTROL TRAFFIC (CALDWELL I-69)	1.00	LS		\$	
0390	02650		MAINTAIN & CONTROL TRAFFIC (GRAVES I-69)	1.00	LS		\$	
0400	02650		MAINTAIN & CONTROL TRAFFIC (MARSHALL I-69)	1.00	LS		\$	
0410	02775		ARROW PANEL	6.00	EACH		\$	
0420	04714		POLE 120 FT MTG HT HIGH MAST	4.00	EACH		\$	
0430	04761		LIGHTING CONTROL EQUIPMENT	1.00	EACH		\$	
0440	04820		TRENCHING AND BACKFILLING	50.00	LF		\$	
0450	04833		WIRE-NO. 8	6,000.00	LF		\$	
0460	04940		REMOVE LIGHTING (CALDWELL I-69)	1.00	LS		\$	
0470	04940		REMOVE LIGHTING (GRAVES I-69)	1.00	LS		\$	
0480	04940		REMOVE LIGHTING (MARSHALL I-69)	1.00	LS		\$	
0490	23161EN		POLE BASE-HIGH MAST	20.00	CUYD		\$	
0500	24601EC		INSTALL -LIGHTING CONTROL EQUIPMENT	1.00	EACH		\$	
0510	24749EC		HIGH MAST LED LUMINAIRE	28.00	EACH		\$	
0520	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	50.00	LF		\$	

Section: 0003 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0530	02569		DEMOBILIZATION	1.00	LS		\$	