



CALL NO. 200

CONTRACT ID. 261133

OLDHAM COUNTY

FED/STATE PROJECT NUMBER FD52 093 0071 012-014

DESCRIPTION I-71 REST AREA

WORK TYPE JPC PAVEMENT

PRIMARY COMPLETION DATE 12/1/2027

LETTING DATE: November 19,2026

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN STANDARD TIME November 19,2026. Bids will be publicly announced at 10:00 AM EASTERN STANDARD TIME.

PLANS AVAILABLE FOR 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 - 05

CONTRACT ID - 261133
FD52 093 0071 012-014
COUNTY - OLDHAM
PCN - DE093RA712633
FD52 093 0071 012-014

I-71 REST AREA I-71 NB REST AREA TRUCK, A DISTANCE OF 0.25 MILES.JPC PAVEMENT SYP NO. 05-00611.00.
GEOGRAPHIC COORDINATES LATITUDE 0:00:00.00 LONGITUDE 0:00:00.00
ADT

PCN - DE093UT712633
NHPP 0711(131)

I-71 REST AREA I-71 REST AREA-WATER, A DISTANCE OF 0.47 MILES.CONSTRUCTION IN WEIGH STATION SYP
NO. 05-00611.00.
GEOGRAPHIC COORDINATES LATITUDE 0:00:00.00 LONGITUDE 0:00:00.00
ADT

COMPLETION DATE(S):
COMPLETED BY 12/01/2027 SEE SPECIAL NOTE

CONTRACT NOTES

INSURANCE

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

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 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/construction-procurement). 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 state agency certifies that it is in compliance with the provisions of KRS 45A.150, "Access to contractor's books, documents, papers, records, or other evidence directly pertinent to the contract." The Contractor, as defined in KRS 45A.030, 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 agreement for the purpose of financial audit or program review. 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. Records and other prequalification information confidentially disclosed as part of the bid process shall not be deemed as directly pertinent to the agreement and shall be exempt from disclosure as provided in KRS 61.878(1)(c).

BOYCOTT PROVISIONS

If applicable, the contractor represents that, pursuant to [KRS 45A.607](#), they are not currently engaged in, and will not for the duration of the contract engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which Kentucky can enjoy open trade. **Note:** The term Boycott does not include actions taken for bona fide business or economic reasons, or actions specifically required by federal or state law.

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

LOBBYING PROHIBITIONS

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

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

Revised: 1/1/2025

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.

AFTER PROJECT AWARD AND BEFORE NOTICE TO PROCEED/WORK ORDER IS ISSUED (SEE SECTION 103.06, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION)

Prime Contractors awarded a federally funded project with a DBE Goal greater than zero will be required to submit a fully executed DBE Subcontract, along with the attached FHWA 1273 and Certificate of Liability Insurance for each DBE Firm submitted as part of the previously approved DBE Utilization Plan (TC 14-35). A signed quote or purchase order shall be attached when the DBE subcontractor is a material supplier or broker.

The Certificate of Liability Insurance submitted must meet the requirements outlined in Section 107.18 of the Standard Specifications for Road and Bridge Construction.

Changes to **APPROVED** DBE Participation Plans must be approved by the Office for Civil Rights & Small Business Development. 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. Tony Youssefi. Mr. Youssefi's current contact information is email address – tyousseffi@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.

FUEL AND ASPHALT PAY ADJUSTMENT

The Department has included the Contract items Asphalt Adjustment and Fuel Adjustment for possible future payments at an established Contract unit price of \$1.00. The Department will calculate actual adjustment quantities after work is completed. If existing Contract amount is insufficient to pay all items on the contract with the adjustments, the Department will establish additional monies with a change order.

Kentucky Transportation Cabinet (KYTC) Oldham County Northbound I-71 Rest Area

Truck Parking Monitoring Standards and Technical Specifications

September 18, 2026

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1 GENERAL

This project includes furnishing and installing a new truck parking monitoring system at the Rest Area. Each rest area location is a separate project. The specific location and proposed work is identified in the associated Truck Monitoring Plan Set.

The information included in this document is for reference. It is the responsibility of the Contractor to verify and adhere to all current KYTC requirements regarding standards and specifications.

1.1 EQUIPMENT AND MATERIALS

All equipment and materials shall be new and free of defects or damage.

Equipment, devices, or materials not listed in this document must have appropriate documentation such as cut sheets and specifications submitted to KYTC and TRIMARC, and written approval obtained prior to purchase and installation.

1.2 DAMAGE TO EXISTING FACILITIES

1.2.1 Utilities

The Contractor shall be responsible for locating all underground utilities prior to excavation or any underground work. The Contractor shall repair damage caused to any public or private facilities at the expense of the Contractor, except as follows: a) a utilities item is damaged in a way determined not to be due to negligence, and b) such damage is already identified in the Risk Register. Utilities include but are not limited to telephone, power, water, gas, fiber optic cables, underground vaults, roadway lighting cables, traffic signal wiring, and roadway drainage systems.

1.2.2 Landscaping

The Contractor shall be responsible for any impacts to existing landscaping. The Contractor shall restore any impacted landscaping in kind to the satisfaction of the Cabinet.

1.3 SYSTEM COMPATIBILITY

The Contractor is responsible for coordinating with TRIMARC to ensure equipment compatibility and to complete the integration of equipment into the TRIMARC project.

1.4 SHOP DRAWINGS

All items that are used on this project shall have shop drawings sent to the Cabinet, who will contact the Division of Traffic Operations for approval. All items shall be approved before purchase of said items.

1.5 AS-BUILT DRAWINGS

The Contractor shall submit as-built drawings of completed sites prior to the electrical inspection, for use during inspection activities.

As-built drawings shall be submitted in electronic format such as .pdf, .tiff, .dgn, or another standard image format acceptable to the Cabinet. As-built drawings may be scanned from marked up field plans or drawn in MicroStation. As-built drawings shall be clearly legible on a computer display.

As-built drawings shall include the final location of all above ground equipment, underground conduit, wire, sensors, cameras, signs, and other plan items. Drawings shall indicate any changes to the design

including changes to the numbers of conductors, wire gauge, splices, additional conduit, conduit runs, etc. Conduit locations shall be drawn to scale or dimensioned and referenced to permanent roadway features. Turns in conduit shall be referenced so that the conduit paths may be derived from the as-built drawings.

Electronic copies (PDF) of the drawings shall be submitted. Submit electrical as-built drawing to the Cabinet, KYTC Division of Traffic Operations Design Services Branch, and TRIMARC.

1.6 TESTING

The Contractor shall demonstrate proper functioning of all devices at the field cabinets.

A 30 day equipment burn-in test will begin after each device is accepted. If a device fails during the 30 burn-in day test the Contractor shall repair or replace the device and demonstrate that the device is functioning at the field cabinet and a new 30 day burn-in test will begin for that device. Each device will be accepted after it has successfully completed its 30 day test. The 30 day burn-in test will be conducted by TOC personnel in Frankfort from the operations center and consist of operational control of PTZ and video of the remote camera location.

2 ADVANCED GROUNDING SYSTEM

2.1 DESCRIPTION

Furnish and install Advanced Grounding System in accordance with the Design Plans, specifications, and Standard Drawings. Advanced grounding systems are required for DMS structures, poles that are 50 or more feet tall, and associated cabinets. All other poles and cabinets may use traditional grounding as described in the KYTC Standard Specifications, as shown on the approved Design Plans, or as directed by the Cabinet.

2.2 MATERIALS

Bid item "Advanced Grounding System" includes all materials to install the Advanced Grounding System as shown in the Advanced Grounding System Detail. All ground rod materials shall comply with KYTC Standard Specification 834.04. Ground wires shall be exothermically welded to the ground rods. Ground rod clamps are not acceptable. The size of ground rods shall be as indicated in the "Advanced Grounding System" typical detail.

2.3 INSTALLATION

All grounding shall be according to standards shown on Advanced Grounding System Detail. If the Contractor needs help with installation, they can contact the Cabinet. Minimum ground resistance reading shall be 10 ohms or less as tested via the 3-point fall of potential test method. The Contractor shall leave all exothermic welds exposed for inspection by the Cabinet before backfilling.

Unless otherwise specified, the grounding system provided will be as shown in the Advanced Grounding System Detail. All ground rods in arrays shall have a minimum of six feet separation. All ground rods shall be a minimum of 24" from cabinet or pole bases. All grounding shall meet the National Electric Code. The following devices shall be grounded to an array of two or three, 10' x 1" copper coated steel ground rods:

- Model 334/336 Enclosures (two ground rods required)
- Camera Poles (three ground rods required)
- DMS (two ground rods required)
- Service Locations (two ground rods required)

If the installation of the Advanced Grounding System shown in the Advanced Grounding System Detail is not possible due to physical constraints of the location or other extenuating factors, the Cabinet may allow for a standard ground installation. The standard installation uses ground wires consisting of solid bare copper #4 AWG and securely connected inside enclosures with #4 AWG copper clamp connectors. Nuts and washers securing the wire are not acceptable. Any equipment that is required to use the Advanced Grounding System, but is grounded using standard ground installation, shall be clearly noted on the as-built plans.

For Advanced Grounding Systems, the resistance to ground shall be less than 10 Ohms as measured with a three-point ground. For standard ground installation, the resistance to ground shall be less than 25 Ohms as measured with a clamp on ground resistance meter.

2.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Advanced Grounding System will be measured for payment per unit each. The Cabinet will make payment for complete, functioning, inspected, and accepted quantities. The Cabinet will consider payment as full compensation for all work required under this section.

2.5 PAY ITEM

ADVANCED GROUNDING SYSTEM, (EA)

3 CONDUIT

3.1 DESCRIPTION

Furnish and install Conduit in accordance with the Design Plans, specifications and Standard Drawings.

3.2 MATERIALS

Conduit shall be the size and material specified on the Design Plans and detail sheets. Unless otherwise specified or approved by the Cabinet, all underground conduit shall be PVC SCH 80 and all above ground conduit shall be rigid steel. Flexible, non-metallic conduit is to be used as specified and shall be incidental to the project.

The Contractor shall submit to material testing at the discretion of the Cabinet.

The Contractor shall supply conduit from the Cabinet's List of Approved Materials or as approved by the Cabinet. All conduit, fittings, condolent, conduit straps, and test/pipe plugs shall meet KYTC Standard Specifications section 834.05 or as approved by the Cabinet.

3.3 INSTALLATION

All conduit installed below ground shall be Schedule 80 PVC or approved equal, including conduit under pavement. All conduit that is not underground shall be rigid steel unless otherwise specified or approved by the Cabinet.

Ream all conduit ends to remove burs and sharp edges. Ensure that conduit bends have a radius of not less than 12 times the nominal diameter of the conduit or as recommended by the manufacturer. Following installation of conduit where cable is not immediately installed or conduit is for future use (spare), seal the ends of the conduit with a test/pipe plug. Secure a pull line to the conduit plug in such a manner that it will not interfere with installation of the conduit plug and provides a watertight seal.

Conduit where cable is installed shall be sealed with duct seal or as approved by the Cabinet.

All conduits shall be accessible inside junction boxes. All conduits shall have bushings included. If rigid steel conduit, the bushings shall be bonded together with other similar types of conduits.

PVC type conduit may be spliced or coupled underground. With prior approval, install a junction box at locations where splicing or coupling of HDPE conduits is necessary. Otherwise, splicing or joining of HDPE conduits is prohibited.

All conduit installation at junction boxes, in pole bases, in cabinets, in barrier walls, couplings, bonding/bushing requirements, PVC bushing, and in existing bases shall adhere to KYTC Standard Specification 723.03.06 and applicable subsections A-J.

3.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Rigid Steel Conduit and Schedule 80 PVC Conduit will be measured for payment per unit linear foot supplied and installed. The Cabinet will not measure fittings, connectors, clamps, test pipe/plugs, warning tape, duct seal, and other materials necessary for proper installation.

The Cabinet will make payment for complete, functioning, inspected, and accepted quantities. The Cabinet will consider payment as full compensation for all work required under this section. Measurement will not be made for flexible, non-metallic conduit. All flexible, non-metallic conduits shall be incidental to the project.

3.5 PAY ITEM

PVC CONDUIT – 2 IN – SCHEDULE 80, (LF)

4 COMMUNICATION CABLE (CAT 6)

4.1 DESCRIPTION

Furnish and install Communications Cable in accordance with the Design Plans, specifications and Standard Drawings.

4.2 MATERIALS

Communications Cable type CAT6 shall be GenSPEED 6 Category 6 Outside Plant Cable or Approved Equal. The cable shall meet or exceed the following specifications:

Performance:

- ANSI/TIA 568.2-D
- Telcordia (Bellcore) Specification GR-421-CORE Water Penetration Requirement
- Propagation Delay: 580 ns @ 100 MHz
- Return Loss @ 100 MHz: 20.1 dB
- Frequency Range: 1-250 MHz

Physical characteristics:

- Nominal Outside Diameter: 0.250 in
- Insulation Type: Polyolefin
- Maximum Pulling Tension: 32 lbs
- Nominal Velocity of Propagation: 0.69
- Maximum DC Resistance: 9.38 Ohms/100m
- Operating Temperature: -45° C to 80° C

All connectors, terminators, fittings, etc. shall be incidental to the cost of installing the Communications Cable and no separate payment will be made.

4.3 INSTALLATION

Communications Cable shall be of suitable length to connect equipment as shown on the approved set of Design Plans. With the exception of splices identified in the approved set of Design Plans, the Contractor shall install all cable and wire splice-free from the controller/service location to each camera, sign, cabinet, or other device that the wire is feeding.

The Contractor shall not use excessive force when pulling wire through duct. The Contractor shall replace all wire damaged during installation. The Contractor shall submit to material testing at the discretion of the Cabinet.

4.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Communications Cable will be measured for payment per unit linear foot. The Cabinet will not measure any cable that is damaged during installation. The Cabinet will make payment for complete, functioning, inspected, and accepted quantities. The Cabinet will consider payment as full compensation for all work required under this section.

4.5 PAY ITEM

COMMUNICATIONS CABLE CAT 6, (LF)

5 ELECTRICAL SERVICE

5.1 DESCRIPTION

Furnish and install electrical service in accordance with the Design Plans, the Standard Specifications, the Standard Drawings, the Special Provisions, and comply with the National Electrical Code (NEC), the National Electrical Safety Code (NESC), power company requirements, and all local ordinances.

5.2 MATERIALS

The Contractor shall coordinate with the local power company to determine the exact materials for the service. This includes but is not limited to conduit, conduit straps, meter base, stainless steel disconnects, ground rods, wire, 45 foot wood pole, 2 anchors, H-frame, H-frame concrete foundations, connectors, fittings and all associated hardware required to construct the service and power the system.

The Contractor shall coordinate with the local power company for the exact location of the service. This item also includes all electrical inspection and other fees required to provide electrical service.

Provide all materials necessary to form a complete electrical service assembly as shown in the approved Design Plans.

5.2.1 Meter Socket

Provide a meter socket that is 125 AMP that has copper-aluminum line, is ringless, and has load lugs. The meter socket shall have a bypass. The meter socket shall have a 1 inch bolt on hub that is NEMA 32 UL rated for commercial use, and that accommodates overhead and underground feeds. The meter socket shall be certified by UL or a third-party that it meets North American Standards. The meter socket shall include an arc flash warning sticker that conforms to KYTC Standard Specification subsection 834.24.

5.2.2 Service Disconnect

As required by the utility company, provide a service disconnect with a minimum of a double pole 60 AMP main circuit breaker with a minimum of 10,000 RMS symmetrical amperes short circuit rating , 250 volt, 3-wire, a minimum of four circuit breaker (4) spaces in the disconnect, and in a lockable NEMA 3R enclosure. Provide an enclosure fabricated from stainless steel, that has a 1 inch size bolt on hub that aligns with predrilled holes on the enclosure. Provide a line cover shield. Provide a safety switch that is UL approved and shall be marked in accordance with the National Electrical Code, article 230.66. The disconnect shall include a Maximum Available Fault sticker and an Arc Flash Warning sticker that conform to KYTC Standard Specifications subsection 834.25. Provide ground bus and neutral bus with a minimum of four terminals with minimum wire capacity range of number 14 AWG through number 4 AWG.

Padlocks shall conform to KYTC Standard Specifications subsection 834.26.

5.2.3 Equipment Cabinet Disconnect (Secondary)

Provide new equipment cabinet disconnects. Furnish panels that have a minimum of four (4) spaces in the disconnect. Furnish circuit breakers with a minimum of 10,000 RMS symmetrical amperes short circuit current rating in a lockable NEMA 3R enclosure. Ensure equipment cabinet disconnects are listed as meeting UL-67 and marked as being suitable for use as service equipment. Ensure circuit

breakers are listed as meeting UL-489. Fabricate enclosure from stainless steel. Provide ground bus and neutral bus with a minimum of four terminals and a minimum wire capacity range of number 14 through number 3/0 AWG.

5.2.4 4-Wire Copper Feeder Conductors

Furnish 4-wire stranded copper feeder conductors with THWN rating for supplying power to DMS field equipment cabinets. Provide conductors with black, red, white, and green insulation that are intended for power circuits at 600 Volts or less and comply with the following:

Listed as meeting UL-83

Meets ASTM B-3 and B-8 or B-787 standards

5.2.5 3-Wire Copper Feeder Conductors

Furnish 3-wire stranded copper feeder conductors with THWN rating for supplying power to CCTV camera, MVD master, and hub cabinets. Provide conductors with black, white, and green insulation that are intended for power circuits at 600 Volts or less and comply with the following:

Listed as meeting UL-83

Meets ASTM B-3 and B-8 or B-787 standards

5.2.6 Grounding System

Furnish one 5/8" x 10' copper clad steel grounding electrodes (ground rods) that meet KYTC Standard Specification 834.04, #4 AWG solid bare copper conductors, and irreversible compression ground connectors for grounding system installations. Comply with the NEC, KYTC Standard Specifications, and these Technical Provisions. A second ground rod connected in parallel may be required if the resistance to ground text exceeds 25Ω.

5.2.7 Anchors

Furnish anchors that meet KYTC Standard Specification 835.12 and applicable subsections.

5.3 INSTALLATION

Install new pole or ground mounted electrical services for device cabinets in accordance with the approved Design Plans.

The Contractor shall coordinate with the local power company for the exact location of the service. If the service location is more than 50 feet from the cabinet, across a street, or if there is an obstruction in the path between the service location and the cabinet, an additional disconnect shall be installed per KYTC Standard Specification 716.03.16.D. The secondary disconnect shall be mounted on a ground-mounted H-frame, as shown on the ITS Design. Plans, or as approved by the Cabinet.

5.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Electrical Service will be measured for payment per unit each and includes all labor and materials for a complete and functioning system. The Cabinet will not measure any pole or ground mounted structures/equipment including but not limited to H-frames, H-frame foundations, concrete pads as required by plans/utility, wood poles, anchors, conduit, straps, U-bolts, and other ancillary mounting equipment. Additional subsidiary items for the electrical service include meters, disconnect switches, transformers as required, conduit, cables, wires, ground rods, other grounding hardware, or other

equipment required for a complete and functioning electrical service. The Cabinet will also not measure any electrical inspection fees or any required building fees involving secondary/primary service. The Cabinet will make payment for installed, functioning, inspected, and accepted quantities. The Cabinet will consider payment as full compensation for all work required under this section.

5.5 PAY ITEM
ELECTRICAL SERVICE, (EA)

6 ELECTRICAL JUNCTION BOX TYPE A (ITS)

6.1 DESCRIPTION

The Contractor will furnish and install Electrical Junction Box Type A (ITS) with covers of the type and size indicated in the approved Design Plans, in accordance with manufacturer specifications, and in adherence to the KYTC Standard Specifications and KYTC Standard Drawings except where noted herein.

6.2 MATERIALS

The Contractor shall supply ITS Junction Boxes which have bolted covers and constructed of materials that comply with section 834.07 of the Standard Specifications as well as the approved Design Plans. Junction box shall meet or exceed ANSI/SCTE 77-2002, tier 15. Junction box covers shall be marked "KYTC ITS" Or "KYTC ITS ELEC." Covers shall be attached with a minimum of two 3/8" stainless steel hex bolts.

6.3 INSTALLATION

Electrical Junction Box installation shall comply with the approved set of Design Plans and section 716.01.10(A) of the Standard Specifications. All grounding shall comply with section 716.03.11 of the Standard Specifications. Where required, junction boxes shall be oriented such that the dimensions comply with the NEC. Junction boxes used as pull boxes along a conduit run shall be spaced at a maximum of 250'. Junction boxes shall not be placed in ditch lines or in areas where standing water may accumulate. Junction box covers shall be flush with the finished surface or grade. All conduits shall be marked in the junction box to show the directions (to device or to service). The Contractor shall restore and reseed all disturbed areas to the satisfaction of the Cabinet.

When multiple junction boxes are installed within close proximity to other existing or proposed junction boxes, a minimum of 12" shall be maintained between junction boxes.

6.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

The Cabinet will measure the quantity as each individual unit furnished and installed. The Cabinet will not measure additional junction boxes for greater depths than those identified in Plans, #57 aggregate, backfilling, restoration of disturbed areas to the satisfaction of the Cabinet, geotextile filter fabric, concrete, hot dipped galvanized cover, stainless steel screws, rubber gasket, and any associated hardware for payment, and will consider them incidental to this item of work.

The Cabinet will make payment for the completed and accepted quantities under the following. The Cabinet will consider payment as full compensation for all work required under this section.

6.5 PAY ITEM

ELECTRICAL JUNCTION BOX TYPE A (ITS), (EA)

7 MODEL 334 ENCLOSURE (ITS)

7.1 DESCRIPTION

This work shall consist of furnishing and installing Model 334 Enclosure (ITS) for the truck parking monitoring video detection system in accordance with these specifications, as shown on the Design Plans, or as directed by the Cabinet. Furnish and install Model 334 Enclosures (ITS) at each site indicated in the approved Design Plans, in accordance with the manufacture's specifications, and in adherence to the KYTC specifications and Standard Drawings and requirements.

7.2 MATERIALS

The types of cabinet enclosure for the truck parking monitoring video detection system is Model 334 (66" H x 24" W x 30" D). All cabinets shall be NEMA 3R rated. The cabinet enclosure top shall be crowned to prevent standing water and shall be constructed so that it is weather resistant under all conditions.

All components in the cabinet shall be designed according to the NEC. The ITS cabinets shall include: all mounting accessories, front and back access doors, ventilation, locking system (#2 Corbin Tumbler or approved equal), handles, door stops, rack assembly, light(s), shelves, drawer (as required), and all required peripherals per the details shown in the approved Design Plans, per the requirements of the contract documents, and per the equipment submitted by the Contractor. The Contractor shall provide and install a cabinet, wiring, and all components necessary for the assembly of a fully functional cabinet as shown in the approved Design Plans.

Verification that the cabinet, wiring, and all components are an approved assembly shall be submitted to the Cabinet. This shall be stamped by an electrical engineer to certify that components are in compliance with the NEC. The cabinet shall be UL508A.

The Contractor shall ensure that all components/devices fit properly in the respective cabinets and that the closing of doors is not impeded, prior to purchase.

The Contractor shall provide a terminal facility harness by means of mating "MS" type connectors for interconnections of the field equipment specified. All ITS cabinets of the same type shall be identical in size, shape and quality. In addition, the cabinets shall be equipped internally as specified herein and as required to suit the specific equipment specified on the approved set of Design Plans.

Cabinets shall be of welded construction, using 0.125" minimum thickness 5052H32 or equivalent sheet aluminum. The equipment design shall utilize the latest available techniques, minimum number of different parts, subassemblies, circuits, cards and/or modules to maximize standardization and commonality.

Cabinets shall be provided with fully wired back and side panels with all necessary terminal boards, wiring harnesses, connectors and attachment hardware. All equipment shall be shelf or 19" rack mounted. Terminals and panel facilities shall be installed on the lower portion of the cabinet walls below all shelves.

Each field cabinet shall, at a minimum, be supplied with the following:

- Fan and Thermostat (Ventilation Assembly)

- LED Light and Switch
- Air Filter
- Cell Router Shelf
- Remote Power Management Unit
- 120v Panel with GFCI and Equipment Outlets
- AC Surge Protection
- Locking System (#2 Type Keys and Tumbler)
- Ground Bus (2)
- Terminal Blocks
- Service Entrance Terminals
- External heat shields
- All necessary installation and mounting hardware
- Adjustable Shelves (1-4 as shown in the approved Design Plans)

All external screws, nuts and locking washers shall be stainless steel; no self-tapping screws are permitted unless specifically approved by the Cabinet. All screws, nuts and locking washers used internally shall be manufactured from corrosion resistant materials.

All parts of the cabinet shall be cleaned, smoothed and free from flaws, cracks, dents and other imperfections. The cabinet shall be rigidly constructed to provide vibration free operation of the field equipment when installed. The cabinets shall be dust and rain tight and capable of maintaining a dry internal condition when subject to rain and wind gusts.

All components shall be made of corrosion resistant materials such as plastic, stainless steel, aluminum or brass; or shall be treated with corrosion resistance such as cadmium plating or galvanizing. All materials shall be resistant to fungus growth and moisture deterioration.

Individual cabinet components shall be pre-assembled upon installation in the cabinet such that the components can be easily replaced in the field. Modules of unlike function shall be mechanically keyed to prevent insertion into the wrong socket or connector.

Panels shall be designed to mount in the cabinet on mounting studs. It shall not be necessary to remove the panel to replace any panel-mounted equipment. The panels shall be capable of supporting specified equipment mounted on the panel. A lower input termination panel shall be provided to terminate all input field wires.

Electronic components shall meet the requirements contained herein and shall, at a minimum, comply with EIA Specifications. No component shall be of such design, fabrication, nomenclature or other identification as to preclude the purchase of said component from a wholesale electronics distributor or from the component manufacturer.

Components shall be down-rated by 50 percent with regard to ambient temperature, applied voltage, and power dissipation. All circuits shall be designed for reliability and maximum performance.

The design life of all components, under continuous operating conditions in their circuit application, shall be a minimum of 10 years.

Each component shall meet all of its specified performance requirements when the input power is AC, 60 Hz, single phase, 120 volts +/- 20 volts. The equipment shall be designed such that the failure of a particular piece of equipment will not cause the failure of any other.

The cabinets shall be furnished with a 120 VAC power distribution panel. This panel shall include a dual outlet for equipment and a GFCI with integral ground fault interruption protected by a circuit breaker. The panel shall also include the number and size of circuit breakers as discussed in these technical provisions and as dictated in the approved set of Design Plans or as approved by the Cabinet.

Circuit breakers shall be approved and listed by UL. Each cabinet shall have at a minimum, a circuit breaker to protect the lamp, vent fan, and dual equipment outlet. In addition, a properly rated equipment circuit breaker(s) shall be provided for the equipment shown on the approved set of Design Plans.

At each cabinet, a 220 VAC circuit breaker, sized to suit the cables that provide power to the camera system shall be furnished and installed. Circuit breakers shall have a minimum interrupt capacity of 50 amperes or as shown on the approved set of Design Plans.

Each cabinet shall be equipped with an electrical surge protection device for protecting incoming AC Lines. The surge protector shall have an operating voltage of 120V single phase and a maximum continuous operating voltage of 150V single phase (i.e. three wires). The surge protector shall filter and absorb power line noise and switching transients. The device shall incorporate LEDs for failure indication. The suppressor shall provide a maximum surge current rating up to 80kA per phase and a minimum attenuation of 50 dB over a frequency range of 200 kHz to 75 MHz.

Power distribution blocks suitable for use as a power feed and junction points shall be furnished and installed for two and three wire circuits. The line side of each circuit shall be capable of handling the specified number of and size of all wires.

Each cabinet shall include a fully wired equipment panel mounted on the lower front inside of the wall of the cabinet. The back panel shall be utilized to distribute and properly interconnect all cabinet wiring related to the specific equipment. Each piece of equipment specified shall have its cable harness properly connected at terminal boards on the back panel. All functions available at the equipment connector shall be carried in the connector cable harness to a terminal board point on the back panel.

Wiring shall be provided for the equipment specified. All cabinet wiring, where connected to terminal strips, switches, radio interference suppressor, etc., shall be identified by the use of insulated pre-printed sleeving (wire markers) slipped over the wire before attachment of the lug or terminating the connection. The wire markers shall have a text label with sufficient detail so that a translating sheet is not required.

All wires shall be cut to the proper length before assembly. No wires shall be doubled back to take up slack. Wires shall be neatly secured with nylon lacing, cable ties, or approved equal. Cables shall be secured with nylon cable clamps.

The grounded side of the electric service shall be carried throughout the cabinet to the ground bus without a break.

All electrical connections in the cabinet shall have sufficient clearance between each terminal and the cabinet to prevent a leakage path or physical contact under stress. Where these distances cannot be maintained, barriers must be provided. All equipment grounds shall run directly and independently to the ground bus. The lay of the interconnect cable between the components must be such that when the door is closed, it does not press against the cables or force the cables against the various components inside the cabinet. Sufficient length of cable harnesses shall be provided to easily reach the electronic equipment placed anywhere on the shelves.

All wiring containing line voltage AC shall be routed and bundled separately and/or shielded from all low voltage (i.e. control) circuits. All conductors and live terminals or parts, which could be hazardous to maintenance personnel, shall be covered with suitable insulating materials.

All conductors used in the cabinet wiring shall be as shown on the cabinet shop drawing plans and a minimum of 22 AWG or larger unless otherwise specified. The insulation shall have a minimum thickness of 10 MILS. All wiring containing line voltage shall be 14 AWG or larger. All cables shall conform to requirements in KYTC Standard Specification subsection 835.17, this document, or as directed by the Cabinet.

The AC+, AC-, and equipment ground wiring shall be electrically isolated from the other by an insulation resistance of at least 10 Megohms when measured at 250 VAC. Return and equipment grounding wiring shall be color-coded white and green respectively.

Terminal blocks located on the panels shall be accessible such that it shall not be necessary to remove the electronic equipment from the cabinet to make a connection or perform an inspection.

Terminal blocks shall be two-position, multiple-pole, and barrier type. Shorting bars, along with an integral marking strip, shall be provided. Terminal blocks shall be arranged such that they do not impede the entrance, training, or connection of incoming field conductors. All terminals shall be identified by legends permanently attached to the terminal blocks. Not more than three conductors shall be brought to any one terminal screw. No electrically live parts shall extend beyond the protection afforded by the barriers. All terminal blocks shall be located below the shelves.

AC terminal blocks shall be UL approved for 600 volts AC minimum and shall be suitable for outdoor use. Terminals used for field connections or interwiring connections shall secure conductors by means of a nickel or cadmium plated brass binder head screw.

All connections to and from the electronic equipment shall terminate at an interwiring block. These blocks shall act as intermediate connection points for all electronic equipment inputs and outputs.

A varistor shall be installed across the thermostat used to control the fan to act as a surge and transient noise suppressor. The varistor shall be GE VI5OLAIOA, Stetron 250NRO7-1, Siemens SIOK150, or approved equal.

7.2.1 Model 334 Cabinet

Model 334 Cabinets operate as the primary controller for the truck parking monitoring system, as shown in the approved set of Design Plans. In addition to the equipment identified in this technical provision, Model 334 cabinets shall be supplied with wrong way driving central processing unit, video

detection control equipment, switches, POE extenders as required, POE injectors as required, main service entrance terminal, and other ancillary equipment necessary for a fully functional system.

7.2.2 Mounting

Model 334 Cabinets shall be mounted on a poured concrete base as shown in the approved Design Plans or as directed by the Cabinet. Anchors for mounting Model 334 Cabinets shall conform to KYTC Standard Specification subsection 834.22.02.

7.2.3 Doors

All cabinets shall be provided with doors in the front and back. Doors shall have secure gaskets to prevent the entrance of dust and moisture. Doors shall be sized to encompass the full area of the cabinet opening. Doors shall be provided with two stop positions to hold the door open at 90 degrees and 135 degrees. The stops shall hold the door securely open until released manually. The front door shall be hinged on the right-hand side by means of three butt hinges with 1/4" minimum stainless steel hinge pins.

7.2.4 Ventilation

Cabinets shall be furnished with louvers properly designed to provide natural ventilation to the interior. The louver area shall be of sufficient size to permit the free flow of air corresponding to the rated capacity of the associated cabinet fan. A pleated media fiber filter shall be provided and shall cover all louvers.

Cabinets shall be furnished with an electric, thermostatically-controlled ventilation fan or fans mounted in the cabinet. The fan(s) shall have a rated capacity of at least 200 cubic feet per minute. The fan and cabinet ventilation louvers shall be located with respect to each other so as to direct the bulk of the air flow throughout the entire cabinet and over the field equipment units. The thermostat shall be adjustable to turn on between 90 degrees and 120 degrees Fahrenheit.

7.2.5 Locking System

Each door shall be furnished with a 3-point positive locking system. The lock for the door shall be a self-locking, heavy-duty, five-pin tumbler cylinder rim type. The handles shall be made of stainless steel and shall be provided with a padlock feature. Locks shall be keyed identically to Corbin #2. Two keys shall be provided for each cabinet.

7.2.6 Light

Each cabinet shall include two LED lighting fixtures which will be mounted inside the top portion of each cabinet door. Light fixtures shall be water and weather resistant and manufactured by AVA Technology or approved equal.

7.2.7 Shelf/Drawer/Rack

A removable 19" EIA rack shall be provided for mounting sub-assemblies in Model 336S cabinet or where shown in the Design Plans. Adjustable shelves shall be provided to hold the equipment. Vertical shelf adjustment intervals shall be 2" maximum. The shelves shall be positioned from the top of the cabinet in accordance with the actual equipment configuration of the particular cabinet. All devices/sub-assemblies shall be mounted on the rack if possible. Otherwise, they shall be placed on the shelves.

7.2.8 Labeling

The letters "KYTC ITS" shall be permanently displayed along the top of each door on the outside of each cabinet. The letters shall be a minimum of 1" tall. The letters shall be die-cut or engraved into the metal before galvanizing and shall be readable after galvanizing. All excess galvanizing shall be brushed off. The location and description of the label must be shown on the shop plan submittal for the cabinets. Stenciling with paint or other markers is not permitted. If required information is placed on a steel plate, the plate must match the surface profile of the cabinet. The plate must then be welded completely around the plate before galvanizing.

7.2.9 Cellular Antenna

Contractor shall install wireless routers with power supply and antennas supplied by KYTC as shown in the approved Design Plans. The Contractor shall furnish and install data cables, all connectors, and hardware required for communications as part of this bid item. The wireless router shall be installed in the web camera cabinet or main cabinet and the antenna shall be installed externally.

The Cabinet will pay the monthly data plan charges. The Cabinet will allow temporary access to the router, if needed, until the close of the contract for configuring of the monitoring system.

All system components shall arrive at the job site completely factory pre-wired and ready for field installation. All connections shall be clearly and permanently labeled to facilitate correct and easy termination of equipment.

7.2.10 Maintenance

All components and assemblies shall be clearly identified with name, model number, serial number and any other pertinent information required to facilitate equipment maintenance.

All equipment shall be designed for ease of installation and maintenance. Location, accessibility, serviceability and features that will lead to simplified maintenance shall be a prime consideration. All component parts shall be readily accessible for inspection and maintenance. The only tools and test instruments required by maintenance personnel shall be simple hand tools and basic meters.

After the wiring is complete, all conduit penetrations into the cabinets shall be sealed in such a manner as to prevent rodents and insects from entering the cabinet. The conduit sealants and insect traps used shall be approved by the Cabinet prior to installation.

7.2.11 Documentation

Each field cabinet shall be supplied with three copies of the final cabinet wiring diagram. One copy shall be placed in a clear plastic envelope and left in the cabinet drawer. Two copies of Mylar reproduces shall be delivered to the Cabinet.

7.3 INSTALLATION

Model 334 Enclosures shall be installed in accordance with the approved ITS Design Plans, specifications, and per KYTC Standard Specification 723.03.18.B and 723.03.18.A, respectively.

The Contractor shall stake all proposed enclosure locations during the field visits by the Contractor and the Cabinet and shall obtain approval of staked locations before excavation. The Contractor shall have all utilities marked in the field prior to requesting field visits with KYTC. The Contractor shall allow two weeks to schedule this location visits and approval with KYTC. KYTC approval of field device

locations does not relieve the Contractor from their responsibility to repair any damage incurred during construction. Enclosures located behind guardrail shall have minimum 5 foot spacing from edge of pole to face of guardrail. Otherwise, enclosures shall be located as specified and a minimum of 30' from all driving lanes. All materials shall be installed in a neat and professional manner.

A standard equipment layout drawing for each type of cabinet is provided in the approved Design Plans. Any modifications shall be approved by the Cabinet prior to installation.

This item includes all excavation and any special equipment required to construct the concrete base for a Model 334 enclosure.

7.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Model 334 Enclosure will be measured for payment per unit each unit supplied and installed.

The Cabinet will not measure the excavation, concrete base, grading, mounting the cabinet, mounting hardware, connecting the hardware, excavation, backfilling, connecting to the power service, or site restoration and consider this incidental to this item of work. The Cabinet will also not measure furnishing and connecting necessary internal equipment listed in this document, equipment shown in the Design Plans, additional connectors, labels, switches, or internal cabling for a fully functional cabinet as shown in the approved Design Plans.

The Cabinet will consider payment as full compensation for all work required under this section.

7.5 PAY ITEM

MODEL 334 ENCLOSURE, (EA)

8 ITS FIELD UPS (RACK MOUNTED UPS)

8.1 8.1 DESCRIPTION

The DBT shall furnish and install Rack Mounted UPS in accordance with the approved ITS Design Plans, in accordance with the manufacture's specifications, and in adherence to the KYTC specifications and Standard Drawings and requirements.

8.2 MATERIALS

All Rack Mounted UPS shall be supplied from a single manufacturer. UPS equipment shall be APC Smart UPS 1500VA SMX1500RM2UNC including AP9631 or approved equal. For detail specifications go to this URL:

<https://www.apc.com/shop/us/en/products/APC-Smart-UPS-X-1500VA-Rack-Tower-LCD-120V/P-SMX1500RM2UNC>

The supplied UPS shall meet the following requirements:

- UPS
- Rack-mountable
- 1500 VA power capacity
- 1500 VA power capacity
- 5.8 min battery run time (up to)
- 1200 Watt power provided
- AC 120 V
- 3 year warranty
- Eight power and surge protected outlets
- Three switchable outlet groups for individual load management
- Pure sine wave output while on battery
- Ability to add external battery packs for extended runtime
- Preinstalled Network Management Card to remote manage the UPS
- \$150,000 equipment protection policy

8.2.1 Technical Specifications

Output

- Output Power Capacity: 1200 Watts / 1440VA
- Max Configurable Power: 1200 Watts / 1440VA
- Nominal Output Voltage: 120V
- Output Voltage Distortion: Less than 5% at full load
- Output Frequency (sync to mains): 50/60Hz +/- 3Hz (auto sensing)
- Topology: Line interactive
- Waveform Type: Sine Wave
- Output Connections: (8) NEMA 5-15R

Input

- Nominal Input Voltage: 120V

- Input Frequency: 50/60Hz +/- 3Hz (auto sensing)
- Input Connections: NEMA 5-15P
- Cord Length: 2.44 meters
- Input Voltage Range for Main Operations: 82 - 143V
- Input Voltage Adjustable Range for Mains Operation: 75 - 154V

8.2.2 Batteries & Runtime

- Battery Type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte, leakproof
- Typical Recharge Time1 : 3 hour(s)
- RBC Quantity: 1
- Communications & Management
- Interface Port(s): RJ-45 Serial, USB
- Control Panel: Multi-function LCD status and control console
- Audible Alarm: Alarm when on battery, distinctive low battery alarm, overload continuous tone alarm

8.2.3 Surge Protection & Filtering

- Surge Energy Rating: 600 Joules
- Filtering: Full time multi-pole noise filtering, 5% IEEE surge let-through, zero clamping response time, meets UL 1449

8.3 INSTALLATION

The DBT shall install Rack Mounted UPS in all 334 and 336 Enclosures. All equipment shall be mounted within designated enclosures, plugged in, and wired for a fully functioning UPS.

8.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Rack Mounted UPS will be measured for payment per unit each. The Department will make payment for complete, functioning, inspected, and accepted quantities. The Department will consider payment as full compensation for all work required under this section.

8.5 PAY ITEM

RACK MOUNTED UPS, (EA)

9 POLE WITH LOWERING DEVICE

9.1 DESCRIPTION

Pole with lowering device shall be designed to support and lower/raise the specified camera(s), lens, housing, applicable PTZ mechanisms, cabling, connectors and other supporting field components without damage or causing degradation of camera operations. The lowering device and the pole are interdependent and thus, must be considered a single unit or system. The lowering device system shall consist of a pole, suspension contact unit, divided support arm, pole adapter for attachment to a pole top tenon, pole top junction box, and camera connection box. The lowering device to be furnished shall be the product of a manufacturer with a minimum of two years of experience in the manufacturing of such systems.

9.2 MATERIALS

9.2.1 Lowering Device

Lowering device shall be [MG]² Model CLDMG2, Camera Lowering Systems CDP series or approved equal.

9.2.2 Suspension Contact Unit

The suspension contact unit shall have a load capacity 200 lbs. with a 4 to 1 safety factor. There shall be a locking mechanism between the fixed and moveable components of the lowering device. The movable assembly shall have a latching mechanism with a minimum of two latches. This latching mechanism shall securely hold the device and its mounted equipment. The latching mechanism shall operate by alternately raising and lowering the assembly using the winch and lowering cable. When latched, all weight shall be removed from the lowering cable. The fixed unit shall have a heavy duty cast tracking guide and means to allow latching in the same position each time. The contact unit housing shall be weatherproof with a gasket provided to seal the interior from dust and moisture.

The prefabricated components of the lift unit support system shall be designed to preclude the lifting cable from contacting the power or video cabling. The only cable permitted to move within the pole or lowering device during lowering/raising shall be the stainless steel lowering cable. All other cables must remain stable and secure during lowering/raising operations.

The female side of the socket contact connector shall be made of thermosetting synthetic polymer. The connector shall be suitable for Ethernet type camera installation. All wire shall be 18 AWG stranded. Pin contact half of connector shall be made of thermosetting synthetic polymer. All pins and wires shall be molded in place. A complete disconnect unit shall have two identical sets of 10 contacts each (20 contacts total). Male Pin contact halves shall be mounted to lower portion of disconnect unit.

The portable lowering device and pulleys for the lowering device shall have sealed, self lubricated bearings, oil tight bronze bearings, or sintered bronze bushings. The lowering cable shall be a minimum 1/8 inch diameter stainless steel aircraft cable with a minimum breaking strength of 1740 pounds and shall be 19 x 7 or 7 x 19.

All electrical and video connections between the fixed and moveable portion of the contact block shall be protected from exposure to the weather by a waterproof seal to prevent degradation of the

electrical contacts. The electrical connections between the fixed and movable lowering device components shall be designed to conduct high frequency data bits, one volt peak-to-peak video signals, and power requirements for operation of dome environmental controls. A direct coax connection is acceptable but not required.

The interface and locking components shall be made of stainless steel or aluminum. All external components of the lowering device shall be made of corrosion resistant materials, powder-coated, galvanized, or otherwise protected from the environment by industry-accepted coatings to withstand exposure to a corrosive environment.

9.2.3 Pole Materials

All materials and products shall be manufactured in the United States of America and comply with ASTM or AASHTO specifications. Mill certifications shall be supplied as proof of compliance with the specifications.

9.2.4 Pole Design

Pole design shall be in accordance with loading and allowable stress requirements of 2013 AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals", current edition. Loading shall be based on:

- basic wind speed of 90 mph
- 30 percent gust factor using
- design life/recurrence interval of 50 years
- fatigue category I.

The lowering device manufacturer shall furnish independent laboratory testing documents certifying adherence to the stated wind force criteria utilizing, as a minimum EPA, an EPA equal to or greater than that of the camera system to be attached. All drawings and detail analysis shall be submitted in detail demonstrating compliance with the AASHTO Specification.

To avoid vortex shedding, the steel pole members shall have a taper of 0.14 in/ft. All structures shall be designed to natural wind gust conditions. The yearly mean wind speed for natural wind gusts will be assumed to be 11.2 per hour.

Poles up to 50' in length shall be one-piece construction. Poles greater than 50' in length shall be of two-piece construction. Poles shall conform to ASTM A 595, Grade A minimum yield strength of 55 ksi, ASTM A 572 Grade 65, ASTM A 53. Pole, base plate, and all associated hardware shall be galvanized per ASTM A 123 or A 153. The shaft shall be round or 16 sided with a four inch corner radius and contain only one longitudinal seam weld. Circumferential welded tube butt splices and laminated tubes are not permitted. Longitudinal seam welds within 6 inches of complete penetration pole to base plate welds shall be complete penetration welds. The shaft shall be hot dip galvanized per the requirements of the contract documents.

The pole top deflection shall not exceed one inch in a 30-mph (non-gust) wind. The calculations shall include a pole, base plate, and anchor bolt analysis. The pole detail analysis shall be analyzed at the pole base, at 5-ft. pole intervals, and at each slip joint splice. Design shall be based on wind loading (EPA) from a CCTV assembly dome enclosure.

A detail analysis of the pole shall be submitted. The detailed analysis shall include, but not be limited to, the following calculations:

1. Provide Group I, II, III, IV load combinations as listed in Table 3-1 Group Load Combinations in AASTHO.
2. Provide dimensions and weights for all attachments. This includes areas used for wind, ice and fatigue loads, drag coefficients, projected areas, velocity pressures and wind force for each segment.
3. For Group Loads II, III, and IV, which have wind loads, provide calculations for each controlling "worst case" wind direction that controls any aspect of the design (anchor bolts, pole sizing, ect.)
4. Anchor Bolts shall be designed for the orientation that would provide the maximum stress on any individual bolt.
5. Provide all structural properties for poles, anchor bolts and base plates. This includes the poles diameter, thickness, section modulus, moment of inertia, and cross sectional area.
6. Calculations for each member shall include loads, section properties, member forces (axial, shear and bending), member deflections (angular and linear), member stresses (actual and allowable), and the combined stress ratio (CSR).
7. Fatigue calculations should be shown for all fatigue related connections. Provide the corresponding detail, stress category and example from Table 11-2 in AASHTO.
8. In fatigue calculations, the effective throat thickness of a complete joint penetration groove weld shall be the thickness of the thinner part joined per AISC J2.1a.

Provide steel strain poles with a permanently affixed label 6 feet from the bottom of the base plate on the outside with the following information:

- manufacturer
- height
- minimum stringing tension at yield
- order number, and
- maximum deflection rate

Provide detailed calculations of the pole. The detailed calculations shall be certified by a Professional Engineer licensed in the Commonwealth of Kentucky.

9.2.5 Pole Hand Holes

The pole hand hole openings shall be reinforced with a minimum 2-inch wide hot rolled steel rim. The nominal outside dimensions shall be 6.5 inches x 27 inches. The handholes shall have a tapped hole for mounting the portable winch as shown on the drawings.

The handhole cover shall be removable from the handhole frame. On the frame side opposite the hinge, provide a mechanism on the handhole cover/frame to place the Department's standard padlock as specified in Section 834.25. The handhole frame shall have two stainless studs installed opposite the hinge to secure the handhole cover to the frame which includes providing stainless steel wing nuts and washers. The handhole cover shall be manufactured from 0.25 inch thick galvanized steel (ASTM 153) and have a neoprene rubber gasket that is permanently secured to the handhole

frame to ensure weather-tight protection. The hinge shall be manufactured from 7 gauge stainless steel to provide adjustability to ensure a weather-tight fit for the cover. The handhole shall have a 3' L x 3' W x 3" D concrete pad installed beside the opening of the handhole and under the camera. Concrete for the pad is incidental to this item.

9.2.6 Pole Top Tennon

A tenon shall be welded to the pole top with mounting holes and slot as required for the mounting of the lowering system. The tenon shall be of dimensions required to facilitate camera lowering device component installation. Each slot shall be parallel to the pole centerline for mounting the lowering device.

9.2.7 Pole Cable Supports

Electrical Cable Guides and Parking Stand (Eyebolts): Top and bottom electrical cable guides shall be located within the pole and aligned with each other as referenced in the drawings. One cable guide shall be positioned 2 inches below the handhole and the other shall be positioned 1 inch directly below the top of the tenon. A parking stand shall be positioned 2.75 inches below the top of the handhole.

9.2.8 Base Plate

Provide base plates that conform to ASTM A36 for grade 36 or ASTM 572 for grade 50.

Ensure transverse plates have a thickness ≥ 2 inches. Provide a base plate for the vertical pole that fits inside a 48 in diameter concrete base. Plates shall be integrally welded to the tubes with a telescopic welded joint or a full penetration butt weld with backup bar. Plates shall be hot dip galvanized per the requirements of the contract documents.

9.2.9 Pole Anchor Bolts

The anchor bolt design shall follow the NCHRP Report 494 Section 2.4 and NCHRP 469 Appendix A Specifications. Use anchor bolts that conform to the requirement of ASTM F 1554 grade 55 for hooked smooth bars or grade 105 for headed. Anchor bolts shall conform to AASHTO M 314 grade 55. Anchor bolts and all associated hardware shall be fully galvanized per ASTM A 153. Each anchor bolt shall be supplied with two hex nuts, one lock washer, and one flat washer. The strength of the nuts shall equal or exceed the proof load of the bolts. For anchor bolt design, pole forces shall be positioned in such a manner to maximize the force on any individual anchor bolt regardless of the actual anchor bolt orientation with the pole. There shall be two steel templates (one can be used for the headed part of the anchor bolt when designed in this manner) provided per pole. Templates shall be contained within a 26.5 inch diameter. All templates shall be fully galvanized (ASTM A 153). Anchor bolt lengths should be based on NCHRP Report 494 Section 2.4.5.5 using #8 bars for the foundation reinforcing steel. The headed anchor bolt assembly shall be contained within 26.5 inch diameter. Minimum edge distance for bolt holes shall follow Table J3.4 of AISC Steel Construction Manual. NCHRP Report 494:

http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_494.pdf

NCHRP Report 469:

http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_469-a.pdf

9.2.10 Pole Welding

All welding shall be in accordance with Sections 1 through 8 of the AWS D1.1 Structural Welding Code. Tackers and welders shall be qualified in accordance with the code. Tube longitudinal seam welds shall be free of cracks and excessive undercut, performed with automatic processes, and shall be visually inspected. Tube shall contain only one longitudinal seam weld. Longitudinal welds suspected to contain defects shall be magnetic-particle inspected by the manufacturer. All circumferential butt-welded pole and arm splices shall be ultrasonically or radiographically inspected by the manufacturer.

This item includes all assembly, mounting hardware, wiring, grounding, and mechanical and electrical adjustments. Due to the electrical connections involved, the CCTV Assembly must be installed to properly test the lowering device. The contractor shall demonstrate to the Engineer the proper and repeated operation of the lowering device. Proper camera operation and electrical connections shall be verified after each lowering/raising cycle.

9.3 INSTALLATION

9.3.1 Pole

Pole shall be installed in the correct orientation and plumb. Pole shall be grounded in accordance with the plans and specifications. Damaged galvanizing shall be repaired with a paint approved by the Engineer. The pole shall have two concrete technician pads as shown on the plans with the dimensions 3' L x 3' W x 3" D. Concrete for the pads are incidental to the Pole with Lowering Device bid item. The Contractor shall grade and re-seed all disturbed areas to the satisfaction of the Engineer. This item includes the furnishing and installing of Fastrac bait bag in each pole for rodent control.

9.3.2 Camera Balancing

The Camera shall be weighted and balanced to assure that the alignment of pins and connectors are proper for the camera support to be raised into position without binding. The lowering unit shall have sufficient weight to disengage the camera and its control components in order that it can be lowered properly.

9.3.3 Camera Connections

The Contractor shall be responsible for meeting the Ethernet and power requirements and camera (120 volt, 18 AWG minimum).

9.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Pole with Lowering Device will be measured for payment per unit each. The Department will make payment for complete, functioning, inspected, and accepted quantities. The Department will consider payment as full compensation for all work required under this section.

9.5 PAY ITEM

60' POLE WITH LOWERING DEVICE, (EA)

10 WINCH LOWERING TOOL

10.1 DESCRIPTION

Furnish Winch Lowering Tool in accordance with the plans, specifications and Standard Drawings.

10.2 MATERIALS

Winch Lowering Tool shall be made of durable and corrosion resistant materials, powder coated, galvanized, or otherwise protected from the environment by industry-accepted coatings to withstand exposure to a corrosive environment. The tool shall consist of a lightweight metal frame and winch assembly with cable as described herein, a quick release cable connector, an adjustable safety clutch and a variable-speed, industrial-duty, battery powered drill motor. The tool shall be compatible with the winch accessible through the hand hole of the pole. When attached to the winch, the tool shall support itself and the load assuring raising/lowering operations and provide a means to prevent freewheeling when loaded. The tool shall have a reduction gear to reduce the manual effort required to operate the lifting handle to raise/lower a capacity load. The tool shall be provided with an adapter for operating the lowering device by a portable drill using a clutch mechanism. The tool shall be equipped with a positive locking mechanism to secure the cable reel during raising/lowering operations.

10.3 INSTALLATION

No installation is required. The Winch Lowering Tool shall be delivered to a location determined by the Engineer.

10.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Winch Lowering Tool will be measured for payment per unit each. The Department will make payment for complete, functioning, inspected, and accepted quantities. The Department will consider payment as full compensation for all work required under this section.

10.5 PAY ITEM

WINCH LOWERING TOOL (EA)

11 HIGH MAST POLE BASE

11.1 DESCRIPTION

Furnish and install High Mast Pole Base for ITS poles over 50' in accordance with the approved Design Plans and KYTC Standard Specifications, and KYTC Standard Drawings.

11.2 MATERIALS

High Mast Pole Base includes concrete, anchor bolts, reinforcing steel, and conduit within the base and other items required for a complete installation. The Contractor shall submit to material testing at the discretion of the Cabinet.

11.3 INSTALLATION

The Contractor shall stake all proposed pole base locations and obtain approval before excavation. The Cabinet in coordination with TRIMARC will approve locations for all pole bases. The Contractor shall have utilities marked in the field prior to requesting approval. The Contractor shall allow one week to schedule the location approval with the Cabinet. Cabinet approval of field device location does not relieve the Contractor from his responsibility to avoid utilities and repair any damage to buried infrastructure.

The Contractor shall finish grade, seed, and straw all disturbed areas and restore the area to the satisfaction of the Cabinet. Poles located behind guardrail shall have a minimum 5' spacing from edge of pole to face of guardrail. Otherwise, poles shall be located as according to the locations marked by field site visits with the Contractor and the Cabinet and meet roadside design requirements. This item includes all excavation including any special equipment required to install the base in rock.

Bases for poles over 50 feet shall be constructed to meet the requirements of the design plans and include two 3' L x 3' W x 3" D concrete pads both under the handhole and under the camera for the technician to stand when servicing the camera and pole assembly. The pole base size and rebar installation shall meet Standard Specification 716.03.03.A through 716.03.03.D.

Poles over 50' shall not be mounted on breakaway supports.

11.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

High Mast Pole Base will be measured for payment per cubic yard. The Cabinet will make payment for complete, functioning, inspected, and accepted quantities.

The Cabinet will consider payment as full compensation for all work required under this section.

11.5 PAY ITEM

HIGH MAST POLE BASE, (CU YD)

12 SURGE DEVICE

12.1 DESCRIPTION

The Contractor will furnish and install a power over ethernet (POE) surge device, a power surge device, and an RF surge device in accordance with the approved Design Plans, in accordance with the manufactures specifications, and in adherence to the KYTC specifications and Standard Drawings and requirements.

12.2 MATERIALS

12.2.1 100 Base-T and 10 Base-T Communication Data Signal Conductor Surge Device
Data Signal Conductor Surge Device for 100BaseT and 10BaseT Communication conductors shall be manufactured by EDCO and in the LCDP family or approved equal. This surge protector shall:

- Have a clamping voltage response time of less than one nanosecond
- Have a maximum clamping voltage of 30 volts when subjected to a 0.5 kA 8x20 microsecond wave
- Have a peak surge current per wire shall be 1kA with 8x20 microsecond wave
- Have a maximum attenuation shall be -3db at 100 MHz
- Have a N.E.X.T. worst pair of better than -40 db at 100 MHz
- Have a maximum attenuation of -3db at 0.5 MHz

12.2.2 Power Conductor Surge Device

Conductor Surge Device for power carrying conductors shall be UL Listed Commercial rated. This surge protector shall meet or exceed the following specifications:

- Nominal Line Voltage 120/240 V
- Peak Current 20,000 Amps
- Clamp Voltage 280 volt typical @ 20kA
- Response time <5ns
- Continuos Service Current 10 Amps max. 120 VAC, 60 Hz

12.3 INSTALLATION

The Contractor shall supply surge devices in model 334/336 enclosures, DMS signs, on poles as specified in the approved Design Plans. Surge devices shall be located in said equipment such that they are easily accessible for maintenance activities.

12.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Surge Device will be measured for payment per unit each. The Cabinet will make payment for complete, functioning, inspected, and accepted quantities. The Cabinet will consider payment as full compensation for all work required under this section.

12.5 PAY ITEM

SURGE DEVICE, (EA)

13 FIXED WEB CAMERA ASSEMBLY

13.1 DESCRIPTION

Furnish and install Fixed Web Camera Assembly in accordance with Design Plans, specifications and Drawings. This item includes all work and materials required to install a fixed, bullet style camera capable of providing video to monitor the availability of truck parking spaces.

13.2 MATERIALS

The Fixed Web Camera Assembly shall be Govcomm GC-IL or as approved by the Cabinet. The item shall include a color camera with network interface, zoom lenses, environmental enclosure, and mounting equipment. The Fixed Web Camera Assembly shall meet the following requirements:

- Build America / Buy America (BABA) Compliant
- NEMA TS2 Tested
- Transmission Type H.264
- Housing complies with IP66 dust/water jet rating
- Housing shall be rated IK10 for shock resistance
- Minimum resolution of 1280 x 720 pixels
- Shutter speed up to 30 frames per second (fps)
- FCC compliant

This item includes all cabling, connectors, POE extenders, switches, converters, and equipment necessary to mount the camera as shown in the approved set of Design Plans. All mounting hardware shall be stainless steel or other corrosion resistant material as approved by the Cabinet.

13.3 INSTALLATION

The Contractor shall install the Fixed Web Camera Assembly as shown in the approved set of Design Plans, according to the manufacturer, or as approved by the Cabinet. Installation shall comply with all warranty provisions and warranty contract maintenance services. Installation shall comply with all local, state, and federal building, electrical, and construction codes, and Motorola R-56 requirements.

The camera shall be securely mounted, with excess cable secured to the structure upon which the camera is mounted. Any exposed wiring connections shall be approved by the Cabinet. All wiring access to Camera Assembly, Fixed components shall be through watertight fittings; no exposed top access is permitted. Fixed Web Camera Assembly shall be adjusted to optimize the view of the camera. The Camera Assembly shall be installed at the height specified on the Design Plans and in accordance with manufacturer recommendations for object detection, monitoring, and tracking as needed.

13.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Fixed Web Camera Assembly will be measured for payment per unit each. The Cabinet will make payment for complete, functioning, inspected, and accepted quantities. The Cabinet will not measure cabling, POE extenders, switches, converters, mounting equipment, fittings, connectors, or other items necessary for a fully functional and installed Fixed Web Camera Assembly. The Cabinet will consider payment as full compensation for all work required under this section.

13.5 PAY ITEM

FIXED WEB CAMERA ASSEMBLY, (EA)

14 WEB CAMERA ASSEMBLY, PTZ

14.1 DESCRIPTION

Furnish and install Web Camera Assembly, PTZ in accordance with Design Plans, specifications and Drawings. This item includes all work and materials required to install a PTZ camera capable of providing video confirmation of wrong way driving events.

14.2 MATERIALS

The Web Camera Assembly, PTZ shall be Govcomm GC-ICPO or as approved by the Cabinet. The item shall include a color camera with network interface, pan tilt zoom lenses, environmental enclosure, and mounting equipment. The Web Camera Assembly, PTZ shall meet the following requirements:

- 360° lens with pan, tilt, zoom capabilities
- Transmission Type H.264
- UL Listed
- Housing complies with NEMA 4X and IP66 dust/water jet rating
- Housing shall be rated IK10 for shock resistance
- Minimum resolution of 1280 x 729 pixels
- Shutter speed 30 frames per second (fps)
- FCC compliant

This item includes all cabling, connectors, POE extenders, switches, converters, and equipment necessary to mount the camera as shown in the approved set of Design Plans. All mounting hardware shall be stainless steel or other corrosion resistant material as approved by the Cabinet.

14.3 INSTALLATION

The Contractor shall install the Web Camera Assembly, PTZ as shown in the approved set of Design Plans, as recommended by the manufacturer, or as approved by the Cabinet. Installation shall comply with all warranty provisions and contract maintenance services. Installation shall comply with all local, state, and federal building, electrical, and construction codes, and Motorola R-56 requirements.

The camera shall be securely mounted, with excess cable secured to the structure upon which the camera is mounted. Any exposed wiring connections shall be approved by the Cabinet. All wiring access to the camera components shall be through watertight fittings; no exposed top access is permitted. Web Camera Assembly, PTZ shall be adjusted to optimize the view of the camera. The Camera Assembly shall be installed at the height specified on the Design Plans and in accordance with manufacturer recommendations for object detection, monitoring, and tracking as needed.

14.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

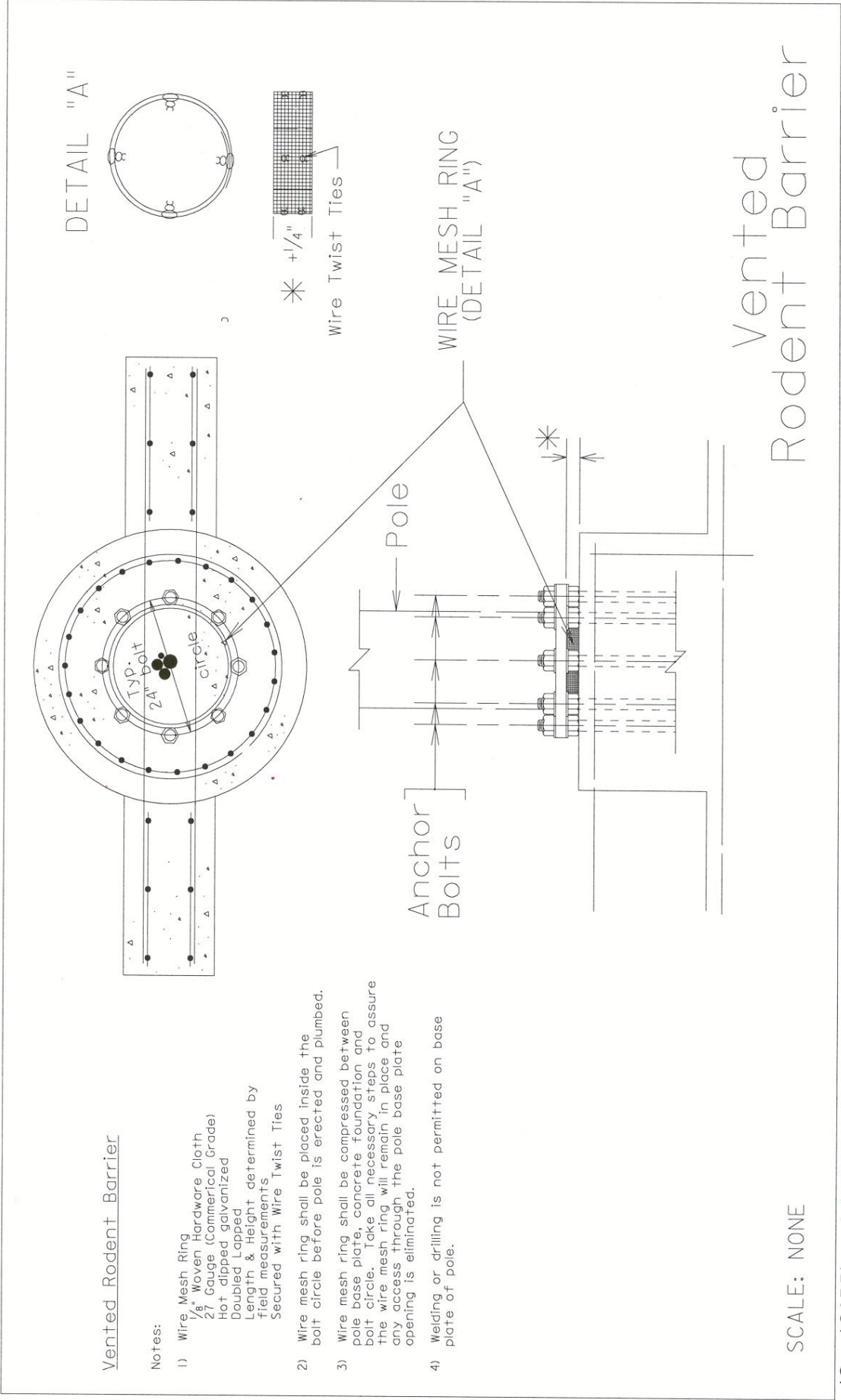
Camera Assembly, PTZ will be measured for payment per unit each. The Cabinet will make payment for complete, functioning, inspected, and accepted quantities. The Cabinet will not measure cabling, POE extenders, switches, converters, mounting equipment, fittings, connectors, or other items necessary for a fully functional and installed Camera Assembly, PTZ. The Cabinet will consider payment as full compensation for all work required under this section.

14.5 PAY ITEM

CAMERA ASSEMBLY, PTZ, (EA)

15 VENTED RODENT BARRIER DETAIL

Vented rodent barrier – Prior to erecting tubular structures and poles on concrete foundations formed with conduit sweeps, a double lapped ring barrier of standard commercial grade 27 gauge hot dipped galvanized 1/8-inch woven wire mesh shall be placed inside the foundation bolt circle. The height of the wire mesh ring barrier shall be from the concrete foundation to the top of the leveling nuts and washers plus 1/4-inch. The Contractor shall take all necessary steps to assure the wire mesh ring will remain in place to eliminate any access through the base plate opening of the tubular structure or pole when erected and plumbed. The Contractor shall not weld or drill to the base plate of the pole. Optional vented rodent barrier designs and materials may be used when approved by the Cabinet and at no additional cost to the Cabinet.



16 GLOSSARY

The following acronyms, abbreviations, and definitions shall govern this specification:

- AAMA – American Architectural Manufacturers Association
- AASHTO – American Association of State Highway and Transportation Officials
- AC – Alternating Current
- AlInGaP – Aluminum Indium Gallium Phosphide (refers to the chemical composition of an LED).
- ANSI – American National Standards Institute
- ASCII – American Standard Code for Information Interchange
- ASN.1 – Abstract Syntax Notation 1
- ASTM – American Society for Testing and Materials
- AWG - American Wire Gauge
- AWS – American Welding Society
- Bin – Group of LEDs categorized and sorted by intensity or color. Each bin has upper and lower intensity or color specifications and contains only LEDs that are measured to be within that range. LED manufacturers sort LEDs into bins to ensure consistent intensity and color properties.
- CAN – Control Area Network
- CCTV – Closed Circuit Television
- CDPD – Cellular Digital Packet Data
- Control Computer – A desktop or laptop computer used in conjunction with DMS control software to communicate with DMS sign controllers. The control computer can instruct a DMS sign controller to program and control the DMS, monitor DMS status, and run DMS diagnostic tests. A control computer can be used for remote control of one or more DMS, as well as for local control of a single DMS.
- Contractor – Design Build Team contract member or designate
- DC – Direct Current
- DMS – Dynamic Message Sign. An industry term that applies to various types of changeable sign technology.
- EIA – Electronic Industries Association
- FCC – Federal Communications Commission
- Font – The style and shape of alphanumeric characters that are displayed on the DMS matrix

to create messages viewed by motorists and travelers.

- Frame – see *Page*
- FSORS – Full, Standardized Object Range Support – an NTCIP term. See the NTCIP standards for additional information.
- GUI – Graphical User Interface
- HTTP – Hypertext Transfer Protocol
- IEEE – Institute of Electrical and Electronic Engineers
- IC – Integrated Circuit
- I/O – Input/Output
- IP – Internet Protocol
- ISO – International Organization for Standardization
- ITS – Intelligent Transportation System
- KYTC – Kentucky Transportation Cabinet
- LAN – Local Area Network
- LCD – Liquid Crystal Display
- LED – Light Emitting Diode
- Message – Information displayed on the DMS for the purpose of visually communicating with motorists. A DMS message can consist of one or more pages of data that are displayed consecutively.
- MIB – Management Information Base
- Module – Assembly consisting of a two-dimensional LED pixel array, pixel drive circuitry, and mounting hardware. Modules are installed in the display adjacent to each other to form the display matrix.
- NEC – National Electrical Code
- NEMA – National Electrical Manufacturers Association
- NESC – National Electrical Safety Code
- NCHRP – National Cooperative Highway Research Program
- NTCIP – National Transportation Communications for ITS Protocol
- Object – An NTCIP term referring to an element of data in an NTCIP-compatible device that can be manipulated to control or monitor the device.
- OER – Octet Encoding Rules

- OSHA – Occupational Safety and Health Administration
- Page – An NTCIP term referring to the data that is displayed on the DMS display matrix at a given moment in time. Also referred to as a frame.
- PCB – Printed Circuit Board
- Pixel – Picture element. The smallest changeable (programmable) portion of a DMS display matrix.
- PMPP – Point to Multi-Point Protocol
- PPP – Point to Point Protocol
- PTZ – Pan/Tilt/Zoom
- PVC – Polyvinyl Chloride
- PVDF - Polyvinylidene Fluoride
- PWM – Pulse Width Modulation
- RAM – Random Access Memory
- RGB – Red-Green-Blue
- RSU – Roadside Unit
- Schedule – A set of data that determines the time and date when a DMS sign controller will cause a stored message to be displayed on the DMS.
- SNMP – Simple Network Management Protocol
- STMF – Simple Transportation Management Framework
- Stroke – Refers to the vertical and horizontal width of the lines and curves of a display font. Single stroke denotes character segments that are one pixel wide. Double stroke denotes character segments that are two pixels wide.
- TIA - Telecommunications Industry Association
- TOC – Traffic Operations Center
- UL – Underwriters Laboratories
- UPS – Uninterruptible Power Supply
- DMS – Variable Message Sign. A type of DMS that is fully programmable such that the content of its messages is fully changeable remotely and electronically.
- DMS Controller – A stand-alone computer that is located at a DMS site, which controls a single DMS. A sign controller receives commands from and sends information to a control computer.
- WAN – Wide Area Network
- WYSIWYG – What You See Is What You Get. More specifically, what you see on the DMS

control computer monitor is a scaled representation of how a message will appear when it is being displayed on the DMS. Similarly, after a pixel diagnostic test routine has been run, what you see on the control computer monitor is a scaled representation of the functional status of each pixel in the DMS display matrix.

- WWD – Wrong Way Driving

SPECIAL NOTE FOR EXCESS & BORROW MATERIAL SITES

OLDHAM COUNTY - TRUCK PARKING EXPANSION

ITEM NO. 05-0611.00

Identification of excess material site(s) and/or borrow site(s) shall be the responsibility of the contractor. The contractor shall be responsible for compliance with all applicable state and federal regulations. The contractor shall also consult with the District 5 Environmental Coordinator for information pertaining to state and federal agencies that may require consultation prior to use of excess material site(s) and/or borrow site(s). Following is a list of potential agencies:

- U.S. Fish and Wildlife Services, Section 7 & 10 of the Endangered Species Act.
- U.S. Army Corps of Engineers, Section 404 of the Clean Water Act.
- Kentucky Division of Water on Section 401 of the Clean Water Act.
- Kentucky State Historic Preservation Office, Section 106 of the National Historic Preservation Act and Archaeology & Historic clearances.
- Other applicable federal and state agencies.

Mitigation fee shall be paid by the contractor prior to use of excess material site(s) and/or borrow site(s).



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

☒	Original	☐	Re-Certification	RIGHT OF WAY CERTIFICATION	
ITEM #		COUNTY		PROJECT # (STATE)	PROJECT # (FEDERAL)
05-611.00		Oldham		FD52 093 0071 012-0014	0711131
PROJECT DESCRIPTION					
I 71 From MP 12.75 to MP 13.22 Truck Parking Expansion project I-71 (NB) to add approximately 47 truck parking spaces					
☒	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				EXCEPTION (S) Parcel #	
Number of Parcels That Have Been Acquired					
Signed Deed					
Condemnation					
Signed ROE					
Notes/ Comments (Text is limited. Use additional sheet if necessary.)					
Continued from Project Description: to the rest area along with new or enhanced Truck Parking Information Management Systems (TPIMS).					
LPA RW Project Manager				Right of Way Supervisor	
Printed Name				Printed Name	
Signature				Signature	
Date				Tom Boykin <small>Digitally signed by Tom Boykin Date: 2026.09.17 19:00:36 +0400</small>	
Right of Way Director				FHWA	
Printed Name				Printed Name	
Signature		 <small>Digitally signed by Kelly Divine Date: 2026.09.19 11:05:23 -05'00'</small>		Signature	
Date				Date	

UTILITIES AND RAIL CERTIFICATION NOTE

Project:	5-611.00	Oldham County	I 71
Funding Source:	FD52 093 0071 012-0014		
Description:	Truck Parking Expansion project I-71 (NB) to add approximately 47 truck parking spaces to the rest area along with new or enhanced Truck Parking Information Management Systems (TPIMS).		
Mile Point:	12.75 To 13.22		

GENERAL UTILITY NOTES

1. Please Note: The information presented in this Utility Note is informational in nature and the information contained herein is not guaranteed.
2. 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.
3. For all projects under 2000 Linear feet which require a normal excavation locate request pursuant to KRS 367.4901-4917, the awarded contractor shall field mark the proposed excavation or construction boundaries of the project (also called white lining) using the procedure set forth in KRS 367.4909(9)(k). For all projects over 2000 linear feet, which are defined as a "Large Project" in KRS 367.4903(18), the awarded contractor shall initially mark the first 2000 linear feet minimally of proposed excavation or construction boundaries of the project to be worked using the procedure set forth in KRS 367.4909(9)(k). This temporary field locating of the project excavation boundary shall take place prior to submitting an excavation location request to the underground utility protection Kentucky Contact Center. For large projects, the awarded contractor shall work with the impacted utilities to determine

UTILITIES AND RAIL CERTIFICATION NOTE

Project:	5-611.00	Oldham County	I 71
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Mile Point:	12.75 To 13.22		

when additional white lining of the remainder of the project site will take place. This provision shall not alter or relieve the awarded contractor from complying with requirements of KRS 367.4905 to 367.4917 in their entirety.

4. The contractor should be aware that there is UTILITY WORK INCLUDED IN THIS ROAD CONSTRUCTION CONTRACT. The Contractor shall review the GENERAL UTILITY NOTES AND INSTRUCTIONS which may include KYTC Utility Bid Item Descriptions, utility owner supplied specifications, plans, list of utility owner preapproved subcontractors, and other instructions. Utility contractors may be added via addendum if KYTC is instructed to do so by the utility owner. Potential contractors must seek prequalification from the utility owner. Any revisions must be sent from the utility owner to KYTC a minimum of one week prior to bid opening.
5. 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 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.

UTILITIES AND RAIL CERTIFICATION NOTE

Project:	5-611.00	Oldham County	I 71
Funding Source:	FD52 093 0071 012-0014		
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Mile Point:	12.75 To 13.22		

THE FOLLOWING FACILITY OWNERS ARE RELOCATING/ADJUSTING THEIR FACILITIES WITHIN THE PROJECT LIMITS AND WILL BE COMPLETE PRIOR TO CONSTRUCTION

Not Applicable

THE FOLLOWING FACILITY OWNERS HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE OWNER OR THEIR SUBCONTRACTOR AND IS TO BE COORDINATED WITH THE ROAD CONTRACT

Commonwealth Of Kentucky (Finance and Administration Cabinet)

(Sanitary Sewer) – The Cabinet has sanitary seer relocation work included in the scope of the construction contract. See detailed sewer relocation plans.

(Water) – The Cabinet has water main relocation work included in the scope of the construction contract. See detailed sewer relocation plans.

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

Not Applicable

UTILITIES AND RAIL CERTIFICATION NOTE

Project:	5-611.00	Oldham County	I 71
Funding Source:	FD52 093 0071 012-0014		
Description:	Truck Parking Expansion project I-71 (NB) to add approximately 47 truck parking spaces to the rest area along with new or enhanced Truck Parking Information Management Systems (TPIMS).		
Mile Point:	12.75 To 13.22		

RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED

No Rail Involvement

AREA FACILITY OWNER CONTACT LIST

Louisville Water Company

Scott Reynolds
msreynolds@louisvillewater.com
Office: (502) 272-4881
Mobile: (502) 546-0789

Louisville and Jefferson County MSD

Taylor Friesz
Taylor.Friesz@louisvillemSD.org
Office: (502) 540-6163
Mobile: (502) 530-5192

KyTC BMP Plan for Project PCN ## - ####



Kentucky Transportation Cabinet

Highway District 5

And

_____ (2), Construction

Kentucky Pollutant Discharge Elimination System

Permit KYR10

Best Management Practices (BMP) plan

Groundwater protection plan

For Highway Construction Activities

For KYTC SYP #05-0611.00

[Oldham Co Truck parking Expansion]

Project: PCN ## - ####

KyTC BMP Plan for Project PCN ## -

Project information

Note – (1) = Design (2) = Construction (3) = Contractor

1. Owner – Kentucky Transportation Cabinet, District _5_
2. Resident Engineer: (2)
3. Contractor name: (2)
Address: (2)

Phone number: (2)
Contact: (2)
Contractors agent responsible for compliance with the KPDES permit requirements (3):
4. Project Control Number (2)
5. Route (Address) I 71 Mile Point 12-14 (1)
6. Latitude/Longitude (project mid-point) 38°20'15.25", -85°31'6.35" (1)
7. County (project mid-point) Oldham County. (1)
8. Project start date (date work will begin): (2)
9. Projected completion date: 6/30/2027

A. Site description:

1. Nature of Construction Activity (from letting project description)
Upgrade and expand Truck Parking at Rest Area along Interstate 71 northbound in Oldham County. Project will also modernize lighting and add TPIMS. (1)
2. Order of major soil disturbing activities (2) and (3)
3. Projected volume of material to be moved
13,000 cubic yards to be excavated. (1)

KyTC BMP Plan for Project PCN ## -

4. Estimate of total project area (acres) Approximately 12.41 acres (1)
5. Estimate of area to be disturbed (acres) Approximately 5.33 acres (1)
6. Post construction runoff coefficient will be included in the project drainage folder. Persons needing information pertaining to the runoff coefficient will contact the resident engineer to request this information.
7. Data describing existing soil condition (2)
8. Data describing existing discharge water quality (if any) (1) & (2)
9. Receiving water name **South Fork of Harrods Creek.**
10. TMDLs and Pollutants of Concern in Receiving Waters: (1 DEA)
11. Site map – Project layout sheet plus the erosion control sheets in the project plans that depict Disturbed Drainage Areas (DDAs) and related information. These sheets depict the existing project conditions with areas delineated by DDA (drainage area bounded by watershed breaks and right of way limits), the storm water discharge locations (either as a point discharge or as overland flow) and the areas that drain to each discharge point. These plans define the limits of areas to be disturbed and the location of control measures. Controls will be either site specific as designated by the designer or will be annotated by the contractor and resident engineer before disturbance commences. The project layout sheet shows the surface waters and wetlands.
12. Potential sources of pollutants:

The primary source of pollutants is solids that are mobilized during storm events. Other sources of pollutants include oil/fuel/grease from servicing and operating construction equipment, concrete washout water, sanitary wastes and trash/debris. (3)

B. Sediment and Erosion Control Measures:

1. Plans for highway construction projects will include erosion control sheets that depict Disturbed Drainage Areas (DDAs) and related information. These plan sheets will show the existing project conditions with areas delineated by DDA within the right of way limits, the discharge points and the areas that drain to each discharge point. Project managers and designers will analyze the DDAs and identify Best Management Practices

KyTC BMP Plan for Project PCN ## -

(BMPs) that are site specific. The balance of the BMPs for the project will be listed in the bid documents for selection and use by the contractor on the project with approval by the resident engineer.

Projects that do not have DDAs annotated on the erosion control sheets will employ the same concepts for development and managing BMP plans.

2. Following award of the contract, the contractor and resident engineer will annotate the erosion control sheets showing location and type of BMPs for each of the DDAs that will be disturbed at the outset of the project. This annotation will be accompanied by an order of work that reflects the order or sequence of major soil moving activities. The remaining DDAs are to be designated as "Do Not Disturb" until the contractor and resident engineer prepare the plan for BMPs to be employed. The initial BMP's shall be for the first phase (generally Clearing and Grubbing) and shall be modified as needed as the project changes phases. The BMP Plan will be modified to reflect disturbance in additional DDA's as the work progresses. All DDA's will have adequate BMP's in place before being disturbed.
3. As DDAs are prepared for construction, the following will be addressed for the project as a whole or for each DDA as appropriate:
 - Construction Access – This is the first land-disturbing activity. As soon as construction begins, bare areas will be stabilized with gravel and temporary mulch and/or vegetation.
 - At the beginning of the project, all DDAs for the project will be inspected for areas that are a source of storm water pollutants. Areas that are a source of pollutants will receive appropriate cover or BMPs to arrest the introduction of pollutants into storm water. Areas that have not been opened by the contractor will be inspected periodically (once per month) to determine if there is a need to employ BMPs to keep pollutants from entering storm water.
 - Clearing and Grubbing – The following BMP's will be considered and used where appropriate.
 - Leaving areas undisturbed when possible.
 - Silt basins to provide silt volume for large areas.
 - Silt Traps Type A for small areas.
 - Silt Traps Type C in front of existing and drop inlets which are to be saved
 - Diversion ditches to catch sheet runoff and carry it to basins or traps or to divert it around areas to be disturbed.

KyTC BMP Plan for Project PCN ## -

- Brush and/or other barriers to slow and/or divert runoff.
- Silt fences to catch sheet runoff on short slopes. For longer slopes, multiple rows of silt fence may be considered.
- Temporary Mulch for areas which are not feasible for the fore mentioned types of protections.
- Non-standard or innovative methods.
- Cut & Fill and placement of drainage structures - The BMP Plan will be modified to show additional BMP's such as:
 - Silt Traps Type B in ditches and/or drainways as they are completed
 - Silt Traps Type C in front of pipes after they are placed
 - Channel Lining
 - Erosion Control Blanket
 - Temporary mulch and/or seeding for areas where construction activities will be ceased for 21 days or more.
 - Non-standard or innovative methods
- Profile and X-Section in place – The BMP Plan will be modified to show elimination of BMP's which had to be removed and the addition of new BMP's as the roadway was shaped. Probably changes include:
 - Silt Trap Type A, Brush and/or other barriers, Temporary Mulch, and any other BMP which had to be removed for final grading to take place.
 - Additional Silt Traps Type B and Type C to be placed as final drainage patterns are put in place.
 - Additional Channel Lining and/or Erosion Control Blanket.
 - Temporary Mulch for areas where Permanent Seeding and Protection cannot be done within 21 days.
 - Special BMP's such as Karst Policy
- Finish Work (Paving, Seeding, Protect, etc.) – A final BMP Plan will result from modifications during this phase of construction. Probably changes include:
 - Removal of Silt Traps Type B from ditches and drainways if they are protected with other BMP's which are sufficient to control erosion, i.e. Erosion Control Blanket or Permanent Seeding and Protection on moderate grades.
 - Permanent Seeding and Protection
 - Placing Sod
 - Planting trees and/or shrubs where they are included in the project
- BMP's including Storm Water Management Devices such as velocity dissipation devices and Karst policy BMP's to be installed during construction to control the pollutants in storm water discharges that will occur after construction has been completed are : (1)

KyTC BMP Plan for Project PCN ## -

C. Other Control Measures

1. No solid materials, including building materials, shall be discharged to waters of the commonwealth, except as authorized by a Section 404 permit.

All waste materials that may leach pollutants (paint and paint containers, caulk tubes, oil/grease containers, liquids of any kind, soluble materials, etc.) will be collected and stored in appropriate covered waste containers. Waste containers shall be removed from the project site on a sufficiently frequent basis as to not allow wastes to become a source of pollution. All personnel will be instructed regarding the correct procedure for waste disposal. Wastes will be disposed in accordance with appropriate regulations. Notices stating these practices will be posted in the office.

2. Hazardous Waste

All hazardous waste materials will be managed and disposed of in the manner specified by local or state regulation. The contractor shall notify the Resident Engineer if there any hazardous wastes being generated at the project site and how these wastes are being managed. Site personnel will be instructed with regard to proper storage and handling of hazardous wastes when required. The Transportation Cabinet will file for generator, registration when appropriate, with the Division of Waste Management and advise the contractor regarding waste management requirements.

3. Spill Prevention

The following material management practices will be used to reduce the risk of spills or other exposure of materials and substances to the weather and/or runoff.

➤ **Good Housekeeping:**

The following good housekeeping practices will be followed onsite during the construction project.

- An effort will be made to store only enough product required to do the job
- All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure
- Products will be kept in their original containers with the original manufacturer's label
- Substances will not be mixed with one another unless recommended by the manufacturer

KyTC BMP Plan for Project PCN ## -

- Whenever possible, all of the product will be used up before disposing of the container
- Manufacturers' recommendations for proper use and disposal will be followed
- The site contractor will inspect daily to ensure proper use and disposal of materials onsite

➤ **Hazardous Products:**

These practices will be used to reduce the risks associated with any and all hazardous materials.

- Products will be kept in original containers unless they are not resealable
- Original labels and material safety data sheets (MSDS) will be reviewed and retained
- Contractor will follow procedures recommended by the manufacturer when handling hazardous materials
- If surplus product must be disposed of, manufacturers' or state/local recommended methods for proper disposal will be followed

The following product-specific practices will be followed onsite:

➤ **Petroleum Products:**

Vehicles and equipment that are fueled and maintained on site will be monitored for leaks, and receive regular preventative maintenance to reduce the chance of leakage. Petroleum products onsite will be stored in tightly sealed containers, which are clearly labeled and will be protected from exposure to weather.

The contractor shall prepare an Oil Pollution Spill Prevention Control and Countermeasure plan when the project that involves the storage of petroleum products in 55 gallon or larger containers with a total combined storage capacity of 1,320 gallons. This is a requirement of 40 CFR 112.

This project (will / will not) (3) have over 1,320 gallons of petroleum products with a total capacity, sum of all containers 55 gallon capacity and larger.

➤ **Fertilizers:**

Fertilizers will be applied at rates prescribed by the contract, standard specifications or as directed by the resident engineer. Once applied, fertilizer will be covered with mulch or blankets or worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

KyTC BMP Plan for Project PCN ## -

➤ **Paints:**

All containers will be tightly sealed and stored indoors or under roof when not being used. Excess paint or paint wash water will not be discharged to the drainage or storm sewer system but will be properly disposed of according to manufacturers' instructions or state and local regulations.

➤ **Concrete Truck Washout:**

Concrete truck mixers and chutes will not be washed on pavement, near storm drain inlets, or within 75 feet of any ditch, stream, wetland, lake, or sinkhole. Where possible, excess concrete and wash water will be discharged to areas prepared for pouring new concrete, flat areas to be paved that are away from ditches or drainage system features, or other locations that will not drain off site. Where this approach is not possible, a shallow earthen wash basin will be excavated away from ditches to receive the wash water

➤ **Spill Control Practices**

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- Manufacturers' recommended methods for spill cleanup will be clearly posted. All personnel will be made aware of procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area. Equipment and materials will include as appropriate, brooms, dust pans, mops, rags, gloves, oil absorbents, sand, sawdust, and plastic and metal trash containers.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate state/local agency as required by KRS 224 and applicable federal law.
- The spill prevention plan will be adjusted as needed to prevent spills from reoccurring and improve spill response and cleanup.
- Spills of products will be cleaned up promptly. Wastes from spill clean up will be disposed in accordance with appropriate regulations.

D. Other State and Local Plans

This BMP plan shall include any requirements specified in sediment and erosion control plans, storm water management plans or permits that have been

KyTC BMP Plan for Project PCN ## -

approved by other state or local officials. Upon submittal of the NOI, other requirements for surface water protection are incorporated by reference into and are enforceable under this permit (even if they are not specifically included in this BMP plan). This provision does not apply to master or comprehensive plans, non-enforceable guidelines or technical guidance documents that are not identified in a specific plan or permit issued for the construction site by state or local officials. (1)

E. Maintenance

1. The BMP plan shall include a clear description of the maintenance procedures necessary to keep the control measures in good and effective operating condition.
- Maintenance of BMPs during construction shall be a result of weekly and post rain event inspections with action being taken by the contractor to correct deficiencies.
 - Post Construction maintenance will be a function of normal highway maintenance operations. Following final project acceptance by the cabinet, district highway crews will be responsible for identification and correction of deficiencies regarding ground cover and cleaning of storm water BMPs. The project manager shall identify any BMPs that will be for the purpose of post construction storm water management with specific guidance for any non-routine maintenance. (1)

F. Inspections

Inspection and maintenance practices that will be used to maintain erosion and sediment controls:

- All erosion prevention and sediment control measures will be inspected at least once each week and following any rain of one-half inch or more.
- Inspections will be conducted by individuals that have successfully completed the KEPSC-RI course as required by Section 213.02.02 of the Standard Specifications for Road and Bridge Construction, current edition.
- Inspection reports will be written, signed, dated, and kept on file.
- Areas at final grade will be seeded and mulched within 14 days.
- Areas that are not at final grade where construction has ceased for a period of 21 days or longer and soil stock piles shall receive temporary

KyTC BMP Plan for Project PCN ## -

mulch no later than 14 days from the last construction activity in that area.

- All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of being reported.
- Built-up sediment will be removed from behind the silt fence before it has reached halfway up the height of the fence.
- Silt fences will be inspected for bypassing, overtopping, undercutting, depth of sediment, tears, and to ensure attachment to secure posts.
- Sediment basins will be inspected for depth of sediment, and built-up sediment will be removed when it reaches 70 percent of the design capacity and at the end of the job.
- Diversion dikes and berms will be inspected and any breaches promptly repaired. Areas that are eroding or scouring will be repaired and re-seeded / mulched as needed.
- Temporary and permanent seeding and mulching will be inspected for bare spots, washouts, and healthy growth. Bare or eroded areas will be repaired as needed.
- All material storage and equipment servicing areas that involve the management of bulk liquids, fuels, and bulk solids will be inspected weekly for conditions that represent a release or possible release of pollutants to the environment.

G. Non – Storm Water discharges

It is expected that non-storm water discharges may occur from the site during the construction period. Examples of non-storm water discharges include:

- Water from water line flushings.
- Water from cleaning concrete trucks and equipment.
- Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).
- Uncontaminated groundwater and rain water (from dewatering during excavation).

All non-storm water discharges will be directed to the sediment basin or to a filter fence enclosure in a flat vegetated infiltration area or be filtered via another approved commercial product.

H. Groundwater Protection Plan (3)

KyTC BMP Plan for Project PCN ## -

This plan serves as the groundwater protection plan as required by 401 KAR 5:037.

➤ Contractors statement: (3)

The following activities, as enumerated by 401 KAR 5:037 Section 2 that require the preparation and implementation of a groundwater protection plan, will or may be may be conducted as part of this construction project:

_____ 2. (e) land treatment or land disposal of a pollutant;

_____ 2. (f) Storing, ..., or related handling of hazardous waste, solid waste or special waste, ..., in tanks, drums, or other containers, or in piles, (This does not include wastes managed in a container placed for collection and removal of municipal solid waste for disposal off site);

_____ 2. (g) Handling of materials in bulk quantities (equal or greater than 55 gallons or 100 pounds net dry weight transported held in an individual container) that, if released to the environment, would be a pollutant;

_____ 2. (j) Storing or related handling of road oils, dust suppressants,, at a central location;

_____ 2. (k) Application or related handling of road oils, dust suppressants or deicing materials, (does not include use of chloride-based deicing materials applied to roads or parking lots);

_____ 2. (m) Installation, construction, operation, or abandonment of wells, bore holes, or core holes, (this does not include bore holes for the purpose of explosive demolition);

Or, check the following only if there are no qualifying activities

_____ There are no activities for this project as listed in 401 KAR 5:037 Section 2 that require the preparation and implementation of a groundwater protection plan.

The contractor is responsible for the preparation of a plan that addresses the

401 KAR 5:037 Section 3. (3) Elements of site specific groundwater protection plan:

- (a) General information about this project is covered in the Project information;
- (b) Activities that require a groundwater protection plan have been identified above;

KyTC BMP Plan for Project PCN ## -

- (c) Practices that will protect groundwater from pollution are addressed in section C. Other control measures.
- (d) Implementation schedule – all practices required to prevent pollution of groundwater are to be in place prior to conducting the activity;
- (e) Training is required as a part of the ground water protection plan. All employees of the contractor, sub-contractor and resident engineer personnel will be trained to understand the nature and requirements of this plan as they pertain to their job function(s). Training will be accomplished within one week of employment and annually thereafter. A record of training will be maintained by the contractor with a copy provide to the resident engineer.
- (f) Areas of the project and groundwater plan activities will be inspected as part of the weekly sediment and erosion control inspections
- (g) Certification (see signature page.)

KyTC BMP Plan for Project PCN ## - #####

Contractor and Resident Engineer Plan certification

The contractor that is responsible for implementing this BMP plan is identified in the Project Information section of this plan.

The following certification applies to all parties that are signatory to this BMP plan:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Further, this plan complies with the requirements of 401 KAR 5:037. By this certification, the undersigned state that the individuals signing the plan have reviewed the terms of the plan and will implement its provisions as they pertain to ground water protection.

Resident Engineer and Contractor Certification:

(2) Resident Engineer signature

Signed _____ title _____, _____
Typed or printed name² signature

(3) Signed _____ title _____, _____
Typed or printed name¹ signature

1. Contractors Note: to be signed by a person who is the owner, a responsible corporate officer, a general partner or the proprietor or a person designated to have the authority to sign reports by such a person in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601. Reference the Project Control Number (PCN) and KPDES number when one has been issued.
2. KyTC note: to be signed by the Chief District Engineer or a person designated to have the authority to sign reports by such a person (usually the resident engineer) in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601 Reference the Project Control Number (PCN) and KPDES number when one has been issued.

Sub-Contractor Certification

KPDES BMP Plan Page 14 of 14

SPECIAL NOTE

Filing of eNOI for KPDES Construction Stormwater Permit

County: Oldham

Route: I-71

Item No.: 05-0611.00

**KDOW Submittal ID:
610285**

Project Description: Truck Parking Expansion project I-71 (NB) to add approximately 47 truck parking spaces to the rest area along with new or enhanced Truck Parking Information Management Systems.

A Notice of Intent for obtaining coverage under the Kentucky Pollutant Discharge Elimination System (KPDES) General Permit for Stormwater Discharges Associated with Construction Activities (KYR10) has been drafted, copy of which is attached. Upon award, the Contractor will be identified in Section III of the form as the “Building Contractor” and it will be submitted for approval to the Kentucky Division of Water. The Contractor shall be responsible for advancing the work in a manner that is compliant with all applicable and appropriate KYTC specifications for sediment and erosion control as well as meeting the requirements of the KYR10 permit and the KDOW.

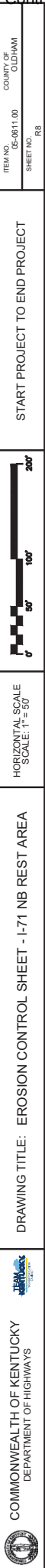
Upon award of the project, the appropriate District Project Delivery & Preservation Branch is Responsible for providing the eNOI preparer (Brandy Fletcher) with the Contractor’s name, address and CID #. The project eNOI preparer is responsible for completing and submitting the eNOI document.

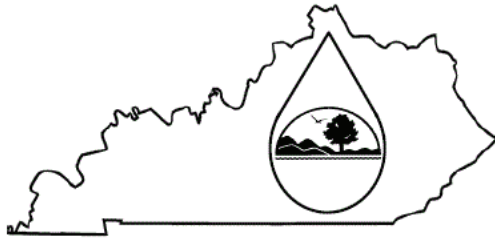
The eNOI preparer will notify the appropriate Project Delivery & Preservation Branch when the NOI is approved. The approved NOI will be placed in Site Manager. This will need to be accomplished prior to any on-site work.

This note confirms with the Joint Design (05-2017)/Construction (02-2017) Memorandum issued on March 28, 2017.

If there are any questions regarding this note, please contact Danny Peake, Director, Division of Environmental Analysis, TCOB, 200 Mero Street, Frankfort, KY 40622, Phone: (502) 564-7250.

DISTURBED DRAINAGE AREAS			
SECTION	DISTURBED AREA	MAXIMUM SURFACE VOLUME (C)	POINT DISCHARGE
			(POINT DISCHARGE VOLUME (C))
DOA-1	0.009	2.60	480720.1
DOA-2	0.100	96.3	480730.4
DOA-3	0.234	86.3	480737.2
DOA-4	0.106	96.8	480731.8
DOA-5	0.077	2.60	480732.1
DOA-6	0.414	0.00	480731.9
DOA-7	0.128	96.3	480732.1
DOA-8	0.263	96.3	480732.1
DOA-9	0.166	96.8	480732.1

[illegible]



KENTUCKY POLLUTION DISCHARGE ELIMINATION SYSTEM (KPDES)

Notice of Intent (NOI) for coverage of
Storm Water Discharge Associated with
Construction Activities Under the KPDES
Storm Water General Permit KYR100000

[Click here for Instructions](#)

[Click here to obtain information and a copy of the KPDES
General Permit.](#)

(*) indicates a required field; (✓) indicates
a field may be required based on user
input or is an optionally required field

Reason for Submittal:(*) <input type="text" value="Application for New Permit Cove..."/>	Agency Interest ID: <input type="text" value="Agency Interest ID"/>	Permit Number:(✓) <input type="text" value="KPDES Permit Number"/>
<p>ELIGIBILITY: Stormwater discharges associated with construction activities disturbing individually one (1) acre or more, including, in the case of a common plan of development, contiguous construction activities that cumulatively equal one (1) acre or more of disturbance.</p>		
<p>COVERAGE: Applicants shall complete and submit the eNOI-SWCA a minimum of seven (7) days before the proposed date for commencement of construction activities. Applicants shall receive written notification from the Division of Water before being authorized to discharge under the terms of the KYR10 General Permit.</p>		
<p>EXCLUSIONS: The following are excluded from coverage under this general permit: 1) Are conducted at or on properties that have obtained an individual KPDES permit for the discharge of other wastewaters which requires the development and implementation of a Best Management Practices (BMP) plan; 2) Any operation that the DOW determines an individual permit would better address the discharges from that operation; 3) Any project that discharges to an Impaired Water listed in the most recent Integrated Report, §305(b) as impaired for sediment and for which an approved TMDL has been developed.</p>		
SECTION I -- FACILITY OPERATOR INFORMATION (PERMITTEE)		
Company Name:(✓) <input type="text" value="Kentucky Transportation Cabinet"/>	First Name:(✓) <input type="text" value="Corbett"/>	M.I.: <input type="text" value="MI"/>
Last Name:(✓) <input type="text" value="Caudill"/>		
Mailing Address:(*) <input type="text" value="473 HWY 15"/>	City:(*) <input type="text" value="Jackson"/>	State:(*) <input type="text" value="Kentucky"/>
Zip:(*) <input type="text" value="41339-__"/>		
eMail Address:(*) <input type="text" value="Corbett.Caudill@ky.gov"/>	Business Phone:(*) <input type="text" value="606-666-8841"/>	Alternate Phone: <input type="text" value="Phone"/>
Additional Facility Operator information(Co-Permittee) required ?(*) <input type="text" value="No"/>		
SECTION II -- GENERAL SITE LOCATION INFORMATION		
Project Name:(*) <input type="text" value="Truck Parking Expansion project I-71 (NB)"/>	Status of Owner/Operator(*) <input type="text" value="State Government"/>	SIC Code(*) <input type="text" value="1611 Highway and St..."/>
Company Name:(✓) <input type="text" value="Kentucky Transportation Cabinet"/>	First Name:(✓) <input type="text" value="Corbett"/>	M.I.: <input type="text" value="MI"/>
Last Name:(✓) <input type="text" value="Caudill"/>		
Site Physical Address:(*) <input type="text"/>		

Oldham County I 71 From MP 12.75 to MP 13.22		
City:(*) Crestwood	State:(*) Kentucky	Zip:(*) 40014-____
County:(*) Oldham	Latitude(decimal degrees)(*) DMS to DD Converter 38.337194	Longitude(decimal degrees)(*) -85.520743

SECTION III -- SPECIFIC SITE ACTIVITY INFORMATION

Project Description:(*)
Truck Parking Expansion project I-71 (NB)

Was the pre-development land used for agriculture ?(*)
No

Will there be demolition of any structure built or renovated before January 1, 1980 ?(*)
No

Select the type of construction site (check all that apply)(*)

☐ Single-Family Residential

☐ Multi-Family Residential

☐ Commercial

☐ Industrial

☐ Institutional

☒ Highway or Road

☐ Utility

☐ Other

☒ a. For single projects provide the following information(✓)

Total Number of Acres in Project:(*) 12.41	Total Number of Acres Disturbed:(*) 5.33
Anticipated Start Date:(*) 12/01/2026	Anticipated Completion Date:(*) 06/30/2027

☐ b. For common plans of development provide the following information(✓)

SECTION IV -- INFORMATION IS ALWAYS REQUIRED FOR ONSITE POINT OF DISCHARGE AND RECEIVING WATER

Discharge Point(s):(*)

+ Add

Export Excel

Import Excel

Unnamed Tributary?	Latitude	Longitude	Receiving Water Name	X
No	38.338294	-85.514754	South Fork Harrods Creek	<div>✕ Delete</div>
No	38.338095	-85.514973	South Fork Harrods Creek	<div>✕ Delete</div>
No	38.337557	-85.515066	South Fork Harrods Creek	<div>✕ Delete</div>
No	38.337812	-85.515115	South Fork Harrods Creek	<div>✕ Delete</div>
No	38.337470	-85.518172	South Fork Harrods Creek	<div>✕ Delete</div>
No	38.337673	-85.517235	South Fork Harrods Creek	<div>✕ Delete</div>

Unnamed Tributary? ▼	Latitude ▼	Longitude ▼	Receiving Water Name ▼	X
No	38.337634	-85.517694	South Fork Harrods Creek	<input type="button" value="✕ Delete"/>
No	38.337561	-85.518006	South Fork Harrods Creek	<input type="button" value="✕ Delete"/>
No	38.337631	-85.518452	South Fork Harrods Creek	<input type="button" value="✕ Delete"/>
<div> <div> <div>◀</div> <div>1</div> <div>▶</div> </div> <div> <div>10</div> <div>▼</div> </div> <div>items per page</div> </div> <div>1 - 9 of 9 items</div>				

SECTION V -- Section V MUST BE COMPLETED IF WITHIN A MS4 AREA

Name of MS4:

Select ... ▼

SECTION VI -- WILL THE PROJECT REQUIRE CONSTRUCTION ACTIVITIES IN A WATER BODY, FLOODPLAIN OR THE RIPARIAN ZONE?

Will the project require construction activities in a water body, floodplain or the riparian zone?:(*)

No ▼

Is a Clean Water Act 404 permit required?:(*)

No ▼

Is a Clean Water Act 401 Water Quality Certification required?:(*)

No ▼

SECTION VII -- NOI PREPARER INFORMATION

☐ same as FACILITY OPERATOR INFORMATION

Company Name:

Kentucky Transportation Cabinet

First Name:(*)

Brandy

M.I.:

MI

Last Name:(*)

Fletcher

Mailing Address:(*)

Brandy.Fletcher@ky.gov

City:(*)

Jackson

State:(*)

Kentucky ▼

Zip:(*)

41339-__

eMail Address:(*)

Brandy.Fletcher@ky.gov

Business Phone:(*)

606-666-8841

Alternate Phone:

Phone

SECTION VIII -- ATTACHMENTS

Facility Location Map:(*)

Select files...

Supplemental Information:

Select files...

SECTION IX -- CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature:(*)

Corbett Caudill

Title:(*)

Executive Director

First Name:(*)

Corbett

M.I.:

MI

Last Name:(*)

Caudill

eMail Address:(*)

Corbett.Caudill@ky.gov

Business Phone:(*)

606-666-8841

Alternate Phone:

Phone

Signature Date:(*)

09/23/20...



Click to Save Values for Future Retrieval

Click to Submit to EEC

MATERIAL SUMMARY

CONTRACT ID: 261133

FD52 093 0071 012-014

DE093RA712633

I-71 REST AREA I-71 NB REST AREA TRUCK JPC PAVEMENT, A DISTANCE OF .25 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00001	DGA BASE	4,879.00	TON
0010	00521	STORM SEWER PIPE-15 IN	333.00	LF
0015	00522	STORM SEWER PIPE-18 IN	102.00	LF
0020	00524	STORM SEWER PIPE-24 IN	47.00	LF
0025	00526	STORM SEWER PIPE-30 IN	106.00	LF
0030	01310	REMOVE PIPE	137.00	LF
0035	01450	S & F BOX INLET-OUTLET-18 IN	1.00	EACH
0040	01451	S & F BOX INLET-OUTLET-24 IN	1.00	EACH
0045	01456	CURB BOX INLET TYPE A	4.00	EACH
0050	01490	DROP BOX INLET TYPE 1	1.00	EACH
0055	01493	DROP BOX INLET TYPE 2	1.00	EACH
0060	01496	DROP BOX INLET TYPE 3	1.00	EACH
0065	01634	CAP CURB BOX INLET	2.00	EACH
0070	01706	REMOVE CATCH BASIN	3.00	EACH
0075	01767	MANHOLE TYPE C	1.00	EACH
0080	01830	STANDARD INTEGRAL CURB	1,910.00	LF
0085	02069	JPC PAVEMENT-10 IN	12,968.00	SQYD
0090	02115	SAW-CLEAN-RESEAL TVERSE JOINT	100.00	LF
0095	02116	SAW-CLEAN-RESEAL LONGIT JOINT	200.00	LF
0100	02159	TEMP DITCH	713.00	LF
0105	02160	CLEAN TEMP DITCH	357.00	LF
0110	02200	ROADWAY EXCAVATION	9,903.00	CUYD
0115	02242	WATER	1.00	MGAL
0120	02545	CLEARING AND GRUBBING - 3.26 ACRES	1.00	LS
0125	02562	TEMPORARY SIGNS	182.00	SQFT
0130	02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	837.00	SQYD
0135	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0140	02671	PORTABLE CHANGEABLE MESSAGE SIGN	1.00	EACH
0145	02701	TEMP SILT FENCE	713.00	LF
0150	02703	SILT TRAP TYPE A	6.00	EACH
0155	02704	SILT TRAP TYPE B	6.00	EACH
0160	02705	SILT TRAP TYPE C	6.00	EACH
0165	02706	CLEAN SILT TRAP TYPE A	6.00	EACH
0170	02707	CLEAN SILT TRAP TYPE B	6.00	EACH
0175	02708	CLEAN SILT TRAP TYPE C	6.00	EACH
0180	02720	SIDEWALK-4 IN CONCRETE	154.00	SQYD
0185	02726	STAKING	1.00	LS
0190	05950	EROSION CONTROL BLANKET	2,255.00	SQYD
0195	05952	TEMP MULCH	17,295.00	SQYD
0200	05953	TEMP SEEDING AND PROTECTION	12,907.00	SQYD
0205	05963	INITIAL FERTILIZER	0.70	TON
0210	05964	MAINTENANCE FERTILIZER	0.40	TON
0215	05985	SEEDING AND PROTECTION	12,956.00	SQYD

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0220	05992	AGRICULTURAL LIMESTONE	8.00	TON
0225	06540	PAVE STRIPING-THERMO-4 IN W	4,747.00	LF
0230	06541	PAVE STRIPING-THERMO-4 IN Y	250.00	LF
0235	06569	PAVE MARKING-THERMO CROSS-HATCH	1,079.00	SQFT
0240	06573	PAVE MARKING-THERMO STR ARROW	10.00	EACH
0245	08540	JOINT SEALING	300.00	LF
0250	10020NS	FUEL ADJUSTMENT	6,055.00	DOLL
0255	20206EC	PAVE MARK HANDICAP SYMBOL	2.00	EACH
0260	24631EC	BARCODE SIGN INVENTORY	37.00	EACH
0265	24969ED	LONGITUDINAL SAW CUT	1,477.00	LF
0270	40027	ROCK EXCAVATION	3,099.00	CUYD
0275	02562	TEMPORARY SIGNS	300.00	SQFT
0280	02775	ARROW PANEL	1.00	EACH
0285	04710	POLE 80 FT MTG HT HIGH MAST	3.00	EACH
0290	04761	LIGHTING CONTROL EQUIPMENT	1.00	EACH
0295	04820	TRENCHING AND BACKFILLING	1,045.00	LF
0300	04833	WIRE-NO. 8	13,250.00	LF
0305	04836	WIRE-NO. 2	705.00	LF
0310	04940	REMOVE LIGHTING	1.00	LS
0315	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	8.00	EACH
0320	20392NS835	ELECTRICAL JUNCTION BOX TYPE C	1.00	EACH
0325	20410ED	MAINTAIN LIGHTING	1.00	LS
0330	21543EN	BORE AND JACK CONDUIT	643.00	LF
0335	23161EN	POLE BASE-HIGH MAST	17.80	CUYD
0340	24749EC	HIGH MAST LED LUMINAIRE	9.00	EACH
0345	24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	2,138.00	LF
0350	02562	TEMPORARY SIGNS	300.00	SQFT
0355	02775	ARROW PANEL	1.00	EACH
0360	04820	TRENCHING AND BACKFILLING	898.00	LF
0365	04836	WIRE-NO. 2	800.00	LF
0370	04899	ELECTRICAL SERVICE	1.00	EACH
0375	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH
0380	20392NS835	ELECTRICAL JUNCTION BOX TYPE C	1.00	EACH
0385	20468EC	ELECTRICAL JUNCTION BOX-10 X 8 X 4	1.00	EACH
0390	21058ND	WINCH LOWERING TOOL	1.00	EACH
0395	21065ND	MODEL 334 ENCLOSURE	1.00	EACH
0400	21489ND	RACK MOUNTED UPS	1.00	EACH
0405	21543EN	BORE AND JACK CONDUIT	932.00	LF
0410	22403NN	WEB CAMERA ASSEMBLY	1.00	EACH
0415	23150NN	COMMUNICATION CABLE	1,850.00	LF
0420	23151NN	POLE WITH LOWERING DEVICE	4.00	EACH
0425	23161EN	POLE BASE-HIGH MAST	24.40	CUYD
0430	23942EC	FIXED WEB CAMERA ASSEMBLY	4.00	EACH
0435	23944EC	ADVANCED GROUNDING SYSTEM	4.00	EACH
0440	24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	1,830.00	LF
0445	02568	MOBILIZATION	1.00	LS
0450	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 261133

FD52 093 0071 012-014

DE093UT712633

I-71 REST AREA I-71 REST AREA-WATER CONSTRUCTION IN A WEIGH STATION, A DISTANCE OF .47 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0455	04960	REMOVE AND REPLACE SIDEWALK - .	222.00	SQYD
0460	14002	W AIR RELEASE VALVE SPECIAL	1.00	EACH
0465	14004	W DIRECTIONAL BORE	149.00	LF
0470	14007	W ENCASEMENT STEEL BORED RANGE 2	149.00	LF
0475	14013	W ENCASEMENT STEEL OPEN CUT RANGE 2	304.00	LF
0480	14047	W PIPE DCTL IRON RSTRND JOINT 06 IN - .	1,817.00	LF
0485	14059	W PIPE PVC 06 INCH	311.00	LF
0490	14074	W PLUG EXISTING MAIN	3.00	EACH
0495	14094	W TIE-IN 06 INCH	1.00	EACH
0500	14105	W VALVE 06 INCH	5.00	EACH
0505	14145	W SERV COPPER LONG SIDE 1 IN	15.00	EACH
0510	14158	W BLOWOFF ASSEMBLY - .	1.00	EACH
0515	15019	S ENCASEMENT STEEL BORED RANGE 6	375.00	LF
0520	15092	S MANHOLE	4.00	EACH
0525	15099	S MANHOLE TAP EXISTING	3.00	EACH
0530	15101	S MANHOLE WITH DROP	3.00	EACH
0535	15112	S PIPE PVC 08 INCH	1,874.00	LF
0540	23004NN	PUMP STATION DEMOLITION	2.00	EACH
0545	01314	PLUG PIPE	7.00	EACH
0550	02069	JPC PAVEMENT-10 IN	610.00	SQYD
0555	02265	REMOVE FENCE	220.00	LF
0560	02268	REMOVE & REPLACE FENCE	40.00	LF
0565	02383	REMOVE & RESET G/R - .	25.00	LF
0570	02690	SAFELOADING	18.00	CUYD
0575	02701	TEMP SILT FENCE	3,306.00	LF
0580	02704	SILT TRAP TYPE B	15.00	EACH
0585	02705	SILT TRAP TYPE C	1.00	EACH
0590	02731	REMOVE STRUCTURE	1.00	LS
0595	15011	S DIRECTIONAL BORE	116.00	LF
0600	02569	DEMOBILIZATION	1.00	LS

PART II

SPECIFICATIONS AND STANDARD DRAWINGS

STANDARD SPECIFICATIONS

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 2026* and *Standard Drawings, Edition of 2025*.

SUPPLEMENTAL SPECIFICATIONS

The contractor shall use the Supplemental Specifications that are effective at the time of letting. The Supplemental Specifications can be found at the following link:
<http://transportation.ky.gov/Construction/Pages/Kentucky-Standard-Specifications.aspx>

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

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

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

2.0 MATERIALS.

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

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

2.2 Sign and Controls. All signs must:

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

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

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

*Insert numerals as directed by the Engineer.

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

2.3 Power.

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

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

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

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

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

4.0 MEASUREMENT. The final quantity of Variable Message Sign will be

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the actual number of individual signs acceptably furnished and operated during the project. The Department will not measure signs replaced due to damage or rejection.

5.0 PAYMENT. The Department will pay for the Variable Message Signs at the unit price each. The Department will not pay for signs replaced due to damage or rejection. Payment is full compensation for furnishing all materials, labor, equipment, and service necessary to, operate, move, repair, and maintain or replace the variable message signs. The Department will make payment for the completed and accepted quantities under the following:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
02671	Portable Changeable Message Sign	Each

Effective June 15, 2012

SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

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

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

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

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

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

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

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

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

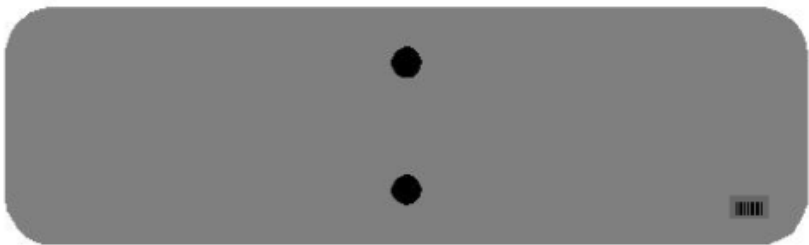
The installation of the permanent sign will be measured in accordance to Section 715.

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

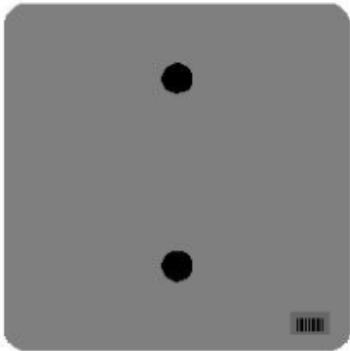
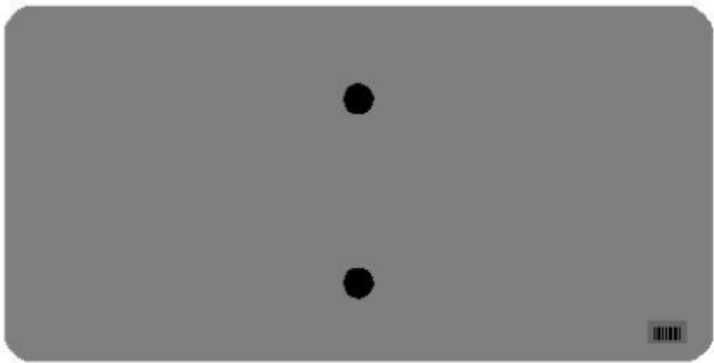
<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
24631EC	Barcode Sign Inventory	Each

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

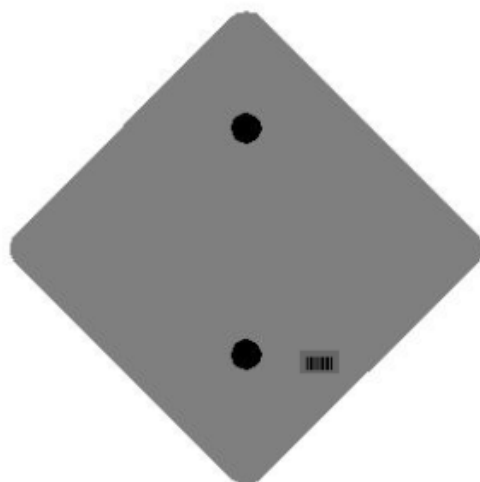
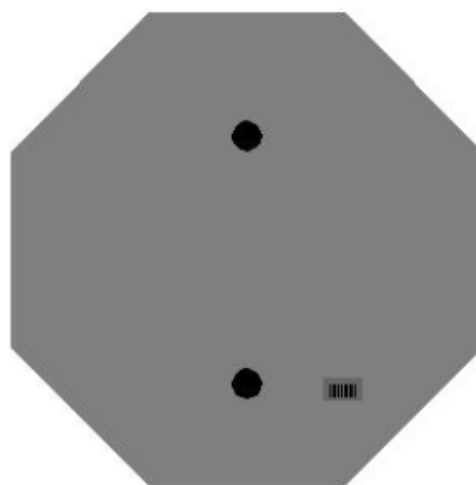
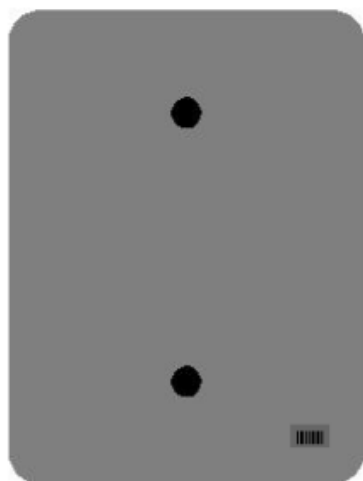
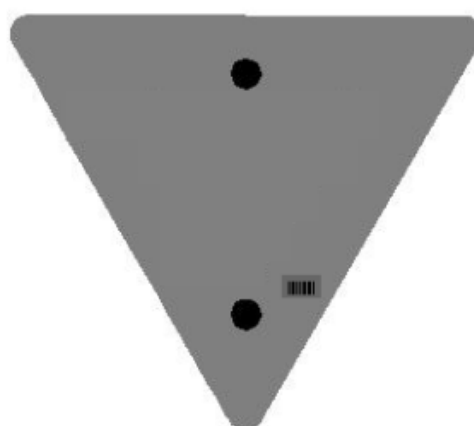
One Sign Post



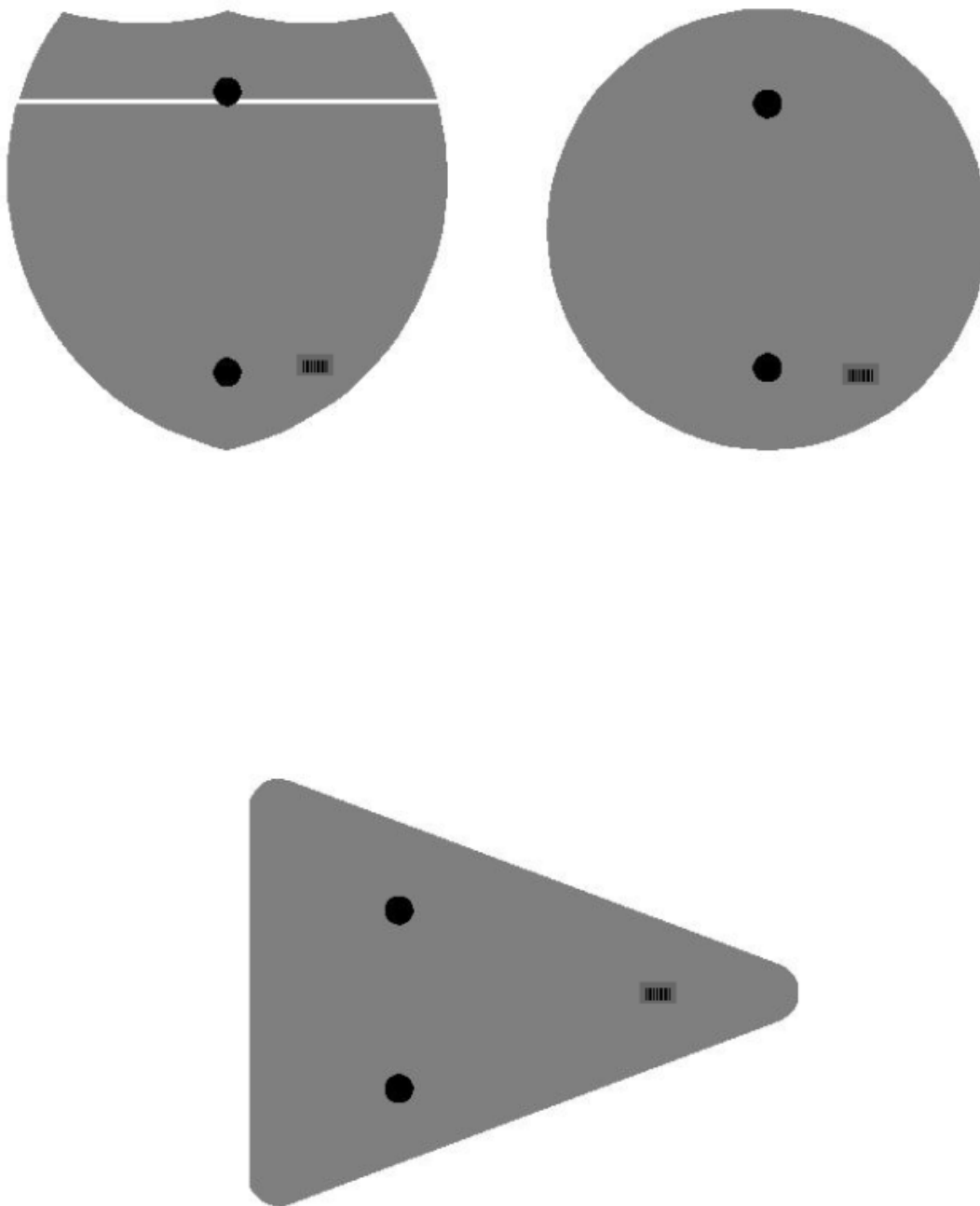
↑
2" Wide Post



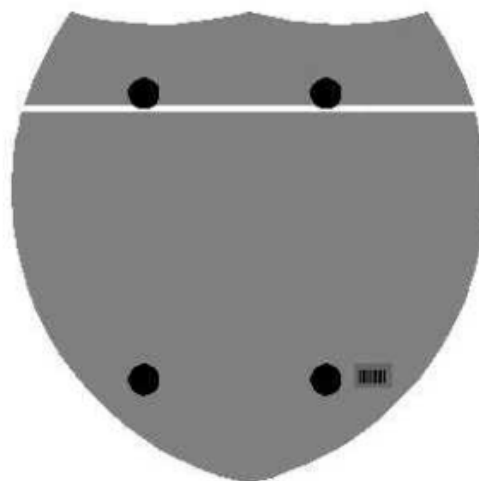
One Sign Post



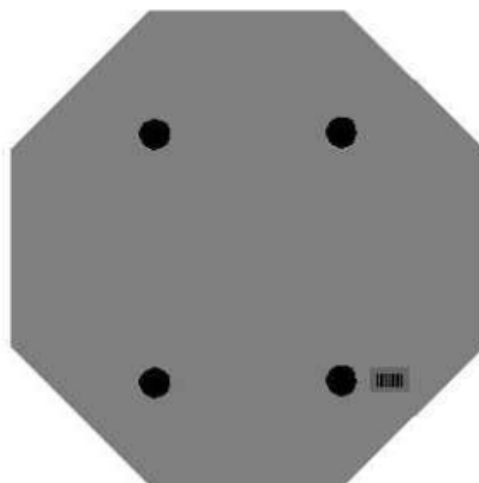
One Sign Post



Double Sign Post



Interstate
Shield

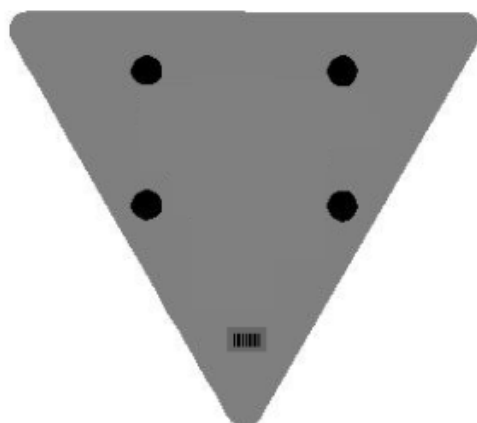


48" Stop

2 Post Signs



↑
2" Wide Post



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SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVE

1. **DESCRIPTION.** This specification covers the requirements and practices for applying an asphalt adhesive material to the longitudinal joint of the surface course of an asphalt pavement. Apply the adhesive to the face of longitudinal joint between driving lanes for the first lane paved. Then, place and compact the adjacent lane against the treated face to produce a strong, durable, waterproof longitudinal joint.
2. **MATERIALS, EQUIPMENT, AND PERSONNEL.**

2.1 Joint Adhesive. Provide material conforming to Subsection 2.1.1.

2.1.1 Provide an adhesive conforming to the following requirements:

Property	Specification	Test Procedure
Viscosity, 400 ° F (Pa·s)	4.0 – 10.0	ASTM D 4402
Cone Penetration, 77 ° F	60 – 100	ASTM D 5329
Flow, 140 ° F (mm)	5.0 max.	ASTM D 5329
Resilience, 77 ° F (%)	30 min.	ASTM D 5329
Ductility, 77 ° F (cm)	30.0 min.	ASTM D 113
Ductility, 39 ° F (cm)	30.0 min.	ASTM D 113
Tensile Adhesion, 77 ° F (%)	500 min.	ASTM D 5329, Type II
Softening Point, ° F	171 min.	AASHTO T 53
Asphalt Compatibility	Pass	ASTM D 5329

Ensure the temperature of the pavement joint adhesive is between 380 and 410 °F when the material is extruded in a 0.125-inch-thick band over the entire face of the longitudinal joint.

2.2. Equipment.

2.2.1 Melter Kettle. Provide an oil-jacketed, double-boiler, melter kettle equipped with any needed agitation and recirculating systems.

2.2.2 Applicator System. Provide a pressure-feed-wand applicator system with an applicator shoe attached.

2.3 Personnel. Ensure a technical representative from the manufacturer of the pavement joint adhesive is present during the initial construction activities and available upon the request of the Engineer.

3. **CONSTRUCTION.**

3.1 Surface Preparation. Prior to the application of the pavement joint adhesive, ensure the face of the longitudinal joint is thoroughly dry and free from dust or any other debris that would inhibit adhesion. Clean the joint face by the use of compressed air.

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Ensure this preparation process occurs shortly before application to prevent the return of debris on the joint face.

3.2 Pavement Joint Adhesive Application. Ensure the ambient temperature is a minimum of 40 ° F during the application of the pavement joint adhesive. Prior to applying the adhesive, demonstrate competence in applying the adhesive according to this note to the satisfaction of the Engineer. Heat the adhesive in the melter kettle to the specified temperature range. Pump the adhesive from the melter kettle through the wand onto the vertical face of the cold joint. Apply the adhesive in a continuous band over the entire face of the longitudinal joint. Do not use excessive material in either thickness or location. Ensure the edge of the extruded adhesive material is flush with the surface of the pavement. Then, place and compact the adjacent lane against the joint face. Remove any excessive material extruded from the joint after compaction (a small line of material may remain).

3.3 Pavement Joint Adhesive Certification. Furnish the joint adhesive's certification to the Engineer stating the material conforms to all requirements herein prior to use.

3.4 Sampling and Testing. The Department will require a random sample of pavement joint adhesive from each manufacturer's lot of material. Extrude two 5 lb. samples of the heated material and forward the sample to the Division of Materials for testing. Reynolds oven bags, turkey size, placed inside small cardboard boxes or cement cylinder molds have been found suitable. Ensure the product temperature is 400°F or below at the time of sampling.

4. MEASUREMENT. The Department will measure the quantity of Pavement Joint Adhesive in linear feet. The Department will not measure for payment any extra materials, labor, methods, equipment, or construction techniques used to satisfy the requirements of this note. The Department will not measure for payment any trial applications of Pavement Joint Adhesive, the cleaning of the joint face, or furnishing and placing the adhesive. The Department will consider all such items incidental to the Pavement Joint Adhesive.
5. PAYMENT. The Department will pay for the Pavement Joint Adhesive at the Contract unit bid price and apply an adjustment for each manufacturer's lot of material based on the degree of compliance as defined in the following schedule. When a sample fails on two or more tests, the Department may add the deductions, but the total deduction will not exceed 100 percent.

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Pavement Joint Adhesive Price Adjustment Schedule						
Test	Specification	100% Pay	90% Pay	80% Pay	50% Pay	0% Pay
Joint Adhesive Referenced in Subsection 2.1.1						
Viscosity, 400 ° F (Pa•s)			3.0-3.4	2.5-2.9	2.0-2.4	≤1.9
ASTM D 3236	4.0-10.0	3.5-10.5	10.6-11.0	11.1-11.5	11.6-12.0	≥ 12.1
Cone Penetration, 77 ° F			54-56	51-53	48-50	≤ 47
ASTM D 5329	60-100	57-103	104-106	107-109	110-112	≥ 113
Flow, 140 ° F (mm) ASTM D 5329	≤ 5.0	≤ 5.5	5.6-6.0	6.1-6.5	6.6-7.0	≥ 7.1
Resilience, 77 ° F (%) ASTM D 5329	≥ 30	≥ 28	26-27	24-25	22-23	≤ 21
Tensile Adhesion, 77 ° F (%) ASTM D 5329	≥ 500	≥ 490	480-489	470-479	460-469	≤ 459
Softening Point, ° F AASHTO T 53	≥ 171	≥ 169	166-168	163-165	160-162	≤ 159
Ductility, 77 ° F (cm) ASTM D 113	≥ 30.0	≥ 29.0	28.0-28.9	27.0-27.9	26.0-26.9	≤ 25.9
Ductility, 39 ° F (cm) ASTM D 113	≥ 30.0	≥ 29.0	28.0-28.9	27.0-27.9	26.0-26.9	≤ 25.9

Code
20071EC

Pay Item
Joint Adhesive

Pay Unit
Linear Foot

May 7, 2014

PART III

EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

FHWA-1273 – Revised June 25, 2026

CONTRACT PROVISIONS FOR FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Davis-Bacon and Related Act Provisions
- IV. Contract Work Hours and Safety Standards Act Provisions
- V. Subletting or Assigning the Contract
- VI. Safety: Accident Prevention
- VII. False Statements Concerning Highway Projects
- VIII. Implementation of Clean Air Act and Federal Water Pollution Control Act
- IX. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- X. Certification Regarding Use of Contract Funds for Lobbying
- XI. Use of United States-Flag Vessels

ATTACHMENTS

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

I. GENERAL

1. Historically, contracting agencies using Federal-aid highway funds were required to ensure Form FHWA-1273 was physically incorporated into all contracts and subcontracts. Effective June 10, 2026, this requirement was eliminated [91 FR 25492]. Future use of Form FHWA-1273 is now optional on the part of the contracting agency using Federal-aid highway funds. FHWA continues to make Form FHWA-1273 available as a convenience to contracting agencies. Contracting agencies must continue to ensure compliance with the provisions cited in Form FHWA-1273 in accordance with the provisions regardless of the use of Form FHWA-1273. Accordingly, the contracting agency retains the authority to determine whether the contractor must use Form FHWA-1273 to physically incorporate required contract provisions in each subcontract and in lower tier contracts. Where permitted by the contracting agency, the contractor may choose other ways to include required contract provisions in each subcontract, besides incorporating Form FHWA-1273. Contract provisions in Form FHWA-1273 are not required to be physically included in subcontracts for design services on Federal-aid design-build contracts, or in purchase orders, rental agreements and other agreements for supplies or services.

The applicable provisions 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 or design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in solicitation-for-bids or request-for-proposals documents.

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

II. NONDISCRIMINATION

The contractor and all subcontractors must comply with the following policies: 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27, including any amendments thereto.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27, including any amendments thereto.

The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR Part 35 and 29 CFR Part 1630 are incorporated by reference in this contract.

1. Assurances Required:

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

b. The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26, including any amendments thereto, in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

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

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

III. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

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

1. Minimum wages (29 CFR 5.5)

a. *Wage rates and fringe benefits.* All laborers and mechanics employed or working upon the site of the work (or otherwise working in construction or development of the project under a development statute), 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 basic hourly 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. As provided in paragraphs (d) and (e) of 29 CFR 5.5, the appropriate wage determinations are effective by operation of law even if they have not been attached to the contract. Contributions made or costs reasonably anticipated for bona fide fringe benefits under the Davis-Bacon Act ([40 U.S.C. 3141\(2\)\(B\)](#)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.e. 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 must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification(s) of work actually performed, without regard to skill, except as provided in

paragraph 4. of this section. 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 classifications and wage rates conformed under paragraph 1.c. of this section) and the Davis-Bacon poster (WH-1321) must 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. *Frequently recurring classifications.* (1) In addition to wage and fringe benefit rates that have been determined to be prevailing under the procedures set forth in [29 CFR part 1](#), a wage determination may contain, pursuant to § 1.3(f), wage and fringe benefit rates for classifications of laborers and mechanics for which conformance requests are regularly submitted pursuant to paragraph 1.c. of this section, provided that:

(i) The work performed by the classification is not performed by a classification in the wage determination for which a prevailing wage rate has been determined;

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

(iii) The wage rate for the classification bears a reasonable relationship to the prevailing wage rates contained in the wage determination.

(2) The Administrator will establish wage rates for such classifications in accordance with paragraph 1.c.(1)(iii) of this section. Work performed in such a classification must be paid at no less than the wage and fringe benefit rate listed on the wage determination for such classification.

c. *Conformance.* (1) The contracting officer must 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 be classified in conformance with the wage determination. Conformance of an additional classification and wage rate and fringe benefits is appropriate 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 used 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) The conformance process may not be used to split, subdivide, or otherwise avoid application of classifications listed in the wage determination.

(3) 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 will be sent by the contracting officer by email to DBAconformance@dol.gov. 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.

(4) 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 will, by email to DBAconformance@dol.gov, refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(5) The contracting officer must promptly notify the contractor of the action taken by the Wage and Hour Division under paragraphs 1.c.(3) and (4) of this section. The contractor must furnish a written copy of such determination to each affected worker or it must be posted as a part of the wage determination. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 1.c.(3) or (4) of this section must 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.

d. Fringe benefits not expressed as an hourly rate. 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 may either pay the benefit as stated in the wage determination or may pay another bona fide fringe benefit or an hourly cash equivalent thereof.

e. Unfunded plans. 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, in accordance with the criteria set forth in § 5.28, 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.

f. Interest. In the event of a failure to pay all or part of the wages required by the contract, the contractor will be required to pay interest on any underpayment of wages.

2. Withholding (29 CFR 5.5)

a. Withholding requirements. The contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered

necessary to satisfy the liabilities of the prime contractor or any subcontractor for the full amount of wages and monetary relief, including interest, required by the clauses set forth in this section for violations of this contract, or to satisfy any such liabilities required by any other Federal contract, or federally assisted contract subject to Davis-Bacon labor standards, that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to Davis-Bacon labor standards requirements and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld. In the event of a contractor's failure to pay any laborer or mechanic, including any apprentice or helper working on the site of the work all or part of the wages required by the contract, or upon the contractor's failure to submit the required records as discussed in paragraph 3.d. of this section, the contracting agency may on its own initiative and 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.

b. Priority to withheld funds. The Department has priority to funds withheld or to be withheld in accordance with paragraph 2.a. of this section or Section IV, paragraph 3.a., or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its procurement costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901](#)–3907.

3. Records and certified payrolls (29 CFR 5.5)

a. Basic record requirements (1) Length of record retention. All regular payrolls and other basic records must be maintained by the contractor and any subcontractor during the course of the work and preserved for all laborers and mechanics working at the site of the work (or otherwise working in construction or development of the project under a development statute) for a period of at least 3 years after all the work on the prime contract is completed.

(2) *Information required.* Such records must contain the name; Social Security number; last known address, telephone number, and email address of each such worker; each worker's correct classification(s) of work actually performed; 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 [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act); daily and weekly number

of hours actually worked in total and on each covered contract; deductions made; and actual wages paid.

(3) *Additional records relating to fringe benefits.* Whenever the Secretary of Labor has found under paragraph 1.e. of this section 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 [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act, the contractor must 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.

(4) *Additional records relating to apprenticeship.* Contractors with apprentices working under approved programs must maintain written evidence of the registration of apprenticeship programs, the registration of the apprentices, and the ratios and wage rates prescribed in the applicable programs.

b. *Certified payroll requirements* (1) *Frequency and method of submission.* The contractor or subcontractor must submit weekly, for each week in which any DBA- or Related Acts-covered work is performed, certified payrolls to the contracting agency. The prime contractor is responsible for the submission of all certified payrolls by all subcontractors. A contracting agency or prime contractor may permit or require contractors to submit certified payrolls through an electronic system, as long as the electronic system requires a legally valid electronic signature; the system allows the contractor, the contracting agency, and the Department of Labor to access the certified payrolls upon request for at least 3 years after the work on the prime contract has been completed; and the contracting agency or prime contractor permits other methods of submission in situations where the contractor is unable or limited in its ability to use or access the electronic system.

(2) *Information required.* The certified payrolls submitted must set out accurately and completely all of the information required to be maintained under paragraph 3.a.(2) of this section, except that full Social Security numbers and last known addresses, telephone numbers, and email addresses must not be included on weekly transmittals. Instead, the certified payrolls need only include an individually identifying number for each worker (e.g., the last four digits of the worker's Social Security number). The required weekly certified payroll information may be submitted using Optional Form WH-347 or in any other format desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division website at <https://www.dol.gov/sites/dolgov/files/WHD/legacy/files/wh347.pdf> or its successor website. It is not a violation of this section for a prime contractor to require a subcontractor to provide full Social Security numbers and last known addresses, telephone numbers, and email addresses to the prime contractor for its own records, without weekly submission by the subcontractor to the contracting agency.

(3) *Statement of Compliance.* Each certified payroll submitted must be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor, or the contractor's or subcontractor's agent who pays or supervises the payment of the persons working on the contract, and must certify the following:

(i) That the certified payroll for the payroll period contains the information required to be provided under paragraph 3.b. of this section, the appropriate information and basic records are being maintained under paragraph 3.a. of this section, and such information and records are correct and complete;

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

(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(s) of work actually performed, as specified in the applicable wage determination incorporated into the contract.

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

(5) *Signature.* The signature by the contractor, subcontractor, or the contractor's or subcontractor's agent must be an original handwritten signature or a legally valid electronic signature.

(6) *Falsification.* The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under [18 U.S.C. 1001](#) and [31 U.S.C. 3729](#).

(7) *Length of certified payroll retention.* The contractor or subcontractor must preserve all certified payrolls during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

c. *Contracts, subcontracts, and related documents.* The contractor or subcontractor must maintain this contract or subcontract and related documents including, without limitation, bids, proposals, amendments, modifications, and extensions. The contractor or subcontractor must preserve these contracts, subcontracts, and related documents during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

d. *Required disclosures and access* (1) *Required record disclosures and access to workers.* The contractor or subcontractor must make the records required under paragraphs 3.a. through 3.c. of this section, and any other documents that the contracting agency, the State DOT, the FHWA, or the Department of Labor deems necessary to determine compliance with the labor standards provisions of any of the applicable statutes referenced by § 5.1, available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and must permit such representatives to interview workers during working hours on the job.

(2) *Sanctions for non-compliance with records and worker access requirements.* If the contractor or subcontractor fails to submit the required records or to make them available, or refuses to permit worker interviews during working hours on the job, the Federal agency may, after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, that maintains such records or that employs such workers, 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, or to permit worker interviews during working hours on the job, may be grounds for debarment action pursuant to § 5.12. In addition, any contractor or other person that fails to submit the required records or make those records available to WHD within the time WHD requests that the records be produced will be precluded from introducing as evidence in an administrative proceeding under [29 CFR part 6](#) any of the required records that were not provided or made available to WHD. WHD will take into consideration a reasonable request from the contractor or person for an extension of the time for submission of records. WHD will determine the reasonableness of the request and may consider, among other things, the location of the records and the volume of production.

(3) *Required information disclosures.* Contractors and subcontractors must maintain the full Social Security number and last known address, telephone number, and email address of each covered worker, and must provide them upon request to the contracting agency, the State DOT, the FHWA, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or other compliance action.

4. Apprentices and equal employment opportunity (29 CFR 5.5)

a. *Apprentices (1) Rate of pay.* Apprentices will be permitted to work at less than the predetermined rate for the work they perform 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 (OA), or with a State Apprenticeship Agency recognized by the OA. A person who is not individually registered in the program, but who has been certified by the OA or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice, will be permitted to work at less than the predetermined rate for the work they perform in the first 90 days of probationary employment as an apprentice in such a program. In the event the OA or a State Apprenticeship Agency recognized by the OA withdraws approval of an apprenticeship program, the contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(2) *Fringe benefits.* Apprentices must 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, fringe benefits must be paid in accordance with that determination.

(3) *Apprenticeship ratio.* The allowable ratio of apprentices to journeyworkers on the job site in any craft classification must not be greater than the ratio permitted to the contractor as to the entire work force under the registered program or the ratio applicable to the locality of the project pursuant to paragraph 4.a.(4) of this section. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph 4.a.(1) of this section, must 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 this section must be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(4) *Reciprocity of ratios and wage rates.* Where a contractor is performing construction on a project in a locality other than the locality in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyworker's hourly rate) applicable within the locality in which the construction is being performed must be observed. If there is no applicable ratio or wage rate for the locality of the project, the ratio and wage rate specified in the contractor's registered program must be observed.

b. *Equal employment opportunity.* The use of apprentices and journeyworkers under this part must be in conformity with [29 CFR part 30](#), including any amendments thereto.

c. 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 III. 23 CFR 230.111(e)(2). The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeyworkers shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract as provided in 29 CFR 5.5.

6. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs (1) through (11) of this section, along with the applicable wage determination(s) and such other clauses or contract modifications as the contracting agency may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses and wage determination(s) in any lower tier subcontracts. The prime contractor is responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this section. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and may be subject to debarment, as appropriate. 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the

contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract as provided in 29 CFR 5.5.

9. Disputes concerning labor standards. As provided in 29 CFR 5.5, disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility. a. By entering into this contract, the contractor certifies that neither it 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 [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

c. The penalty for making false statements is prescribed in the U.S. Code, Title 18 Crimes and Criminal Procedure, [18 U.S.C. 1001](#).

11. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#); or

d. Informing any other person about their rights under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#).

IV. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Pursuant to 29 CFR 5.5(b), the following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the

Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchpersons and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek. 29 CFR 5.5.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph 1. of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages and interest from the date of the underpayment. 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 watchpersons and guards, employed in violation of the clause set forth in paragraph 1. of this section, in the sum currently provided in 29 CFR 5.5(b)(2)* for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 1. of this section.

* \$33 as of January 15, 2025 (See 90 FR 1859) as may be adjusted annually by the Department of Labor, pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990.

3. Withholding for unpaid wages and liquidated damages

a. *Withholding process.* The FHWA or the contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this section on this contract, 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 that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with Section III paragraph 2.a. or paragraph 3.a. of this section, or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its procurement costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901](#)–3907.

4. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs 1. through 5. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor is responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 1. through 5. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

5. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act (CWHSSA) or its implementing regulations in this part;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under CWHSSA or this part;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under CWHSSA or this part; or

d. Informing any other person about their rights under CWHSSA or this part.

V. SUBLETTING OR ASSIGNING THE CONTRACT

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

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of

the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" in paragraph 1. of this section refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions: (based on longstanding interpretation)

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

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

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

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

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), the contract amount upon which the requirements set forth in paragraph 1. of this section is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. Pursuant to 23 CFR 635.116(c), the contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract. (based on longstanding interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however,

contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

VI. SAFETY: ACCIDENT PREVENTION

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

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR Part 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract. 23 CFR 635.108.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR Part 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704). 29 CFR 1926.10.

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

VII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

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

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

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

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the

character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

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

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 11, 1916, (39 Stat. 355), as amended and supplemented;

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

VIII. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)

This provision is applicable to all Federal-aid construction contracts in excess of \$150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.327.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.327.

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

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200. 2 CFR 180.220 and 1200.220.

1. Instructions for Certification – First Tier Participants:

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

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

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction. 2 CFR 180.320.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default. 2 CFR 180.325.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances. 2 CFR 180.345 and 180.350.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900-180.1020, and 1200. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction. 2 CFR 180.330.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 180.300.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. To verify the eligibility of its principals, as well as the

eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>). 2 CFR 180.300, 180.320, and 180.325.

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

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default. 2 CFR 180.325.

* * * * *

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

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

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.335;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property, 2 CFR 180.800;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification, 2 CFR 180.700 and 180.800; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default. 2 CFR 180.335(d).

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

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

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

* * * * *

3. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders, and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200). 2 CFR 180.220 and 1200.220.

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

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

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances. 2 CFR 180.365.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900 – 180.1020, and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers to any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated. 2 CFR 1200.220 and 1200.332.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 1200.220.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered

transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

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

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment. 2 CFR 180.325.

* * * * *

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

a. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals:

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

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

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

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

* * * * *

X. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

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

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

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

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

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

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

XI. USE OF UNITED STATES-FLAG VESSELS:

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

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

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

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

extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels. 46 CFR 381.7.

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

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS** (40 U.S.C. sections 14501(d) and 14701
and the Appalachian Regional Commission Code as
authorized under 40 U.S.C. section 14302)

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 40 U.S.C. 14501 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

The Executive Branch Code of Ethics created by Kentucky Revised Statutes (KRS) Chapter 11A, effective July 14, 1992, establishes the ethical standards that govern the conduct of all executive branch employees. The Executive Branch Code of Ethics, which states, in part:

KRS 11A.040 (7) provides:

A present or former public servant listed in KRS 11A.010(9)(a) to (g) shall not, within one (1) year following termination of his or her 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 one (1) year, he or she personally refrains from working on any matter in which he was directly involved during the last thirty-six (36) months of his or her 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 to obtain private benefits.

If you have worked for the executive branch of state government within the past year, 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 105, Frankfort, Kentucky 40601; telephone (502) 564-7954.

Revised: March 11, 2025

"General Decision Number: KY20260038 05/18/2026

State: Kentucky

Construction Types: Highway

Counties: Kentucky Counties of
Anderson, Bath, Bourbon, Boyd, Boyle,
Bracken, Breckinridge, Bullitt, Carroll,
Carter, Clark, Elliott, Fayette,
Fleming, Franklin, Gallatin, Grant,
Grayson, Greenup, Hardin, Harrison,
Henry, Jefferson, Jessamine, Larue,
Lewis, Madison, Marion, Mason, Meade,
Mercer, Montgomery, Nelson, Nicholas,
Oldham, Owen, Robertson, Rowan, Scott,
Shelby, Spencer, Trimble, Washington and
Woodford

Modification Number Publication Date
0 01/02/2026
1 05/18/2026

BRIN0004-003 06/01/2024
Rates Fringes
BRICKLAYER (BRECKENRIDGE COUNTY).....\$ 33.70 16.57

BRKY0001-005 06/01/2024
Rates Fringes
BRICKLAYER (BULLITT, CARROLL, GRAYSON, HARDIN,
HENRY, JEFFERSON, LARUE, MARION, MEADE, NELSON,
OLDHAM, SHELBY, SPENCER, & TRIMBLE COUNTIES).....\$ 35.00 17.13

BRKY0002-006 06/01/2024
Rates Fringes
BRICKLAYER (BRACKEN, GALLATIN, GRANT, MASON &
ROBERTSON COUNTIES).....\$ 35.00 17.13

BRKY0007-004 06/01/2024
Rates Fringes
BRICKLAYER (BOYD, CARTER, ELLIOT, FLEMING, GREENUP,
LEWIS & ROWAN COUNTIES).....\$ 41.05 21.79

BRKY0017-004 06/01/2024
Rates Fringes
BRICKLAYER (ANDERSON, BATH, BOURBON, BOYLE, CLARK,
FAYETTE, FRANKLIN, HARRISON, JESSAMINE, MADISON,
MERCER, MONTGOMERY, NICHOLAS, OWEN, SCOTT,
WASHINGTON & WOODFORD COUNTIES).....\$ 35.00 17.13

CARP0064-001 04/01/2025
Rates Fringes
PILEDRIVERMAN.....\$ 34.39 24.06
DIVER.....\$ 51.21 24.06
CARPENTER.....\$ 33.89 24.06

ELEC0212-008 06/02/2025
Rates Fringes
ELECTRICIAN (BRACKEN, GALLATIN AND GRANT COUNTIES)..\$ 38.05 22.97

ELEC0212-014 11/27/2023
Rates Fringes
SOUND & COMMUNICATION TECHNICIAN (BRACKEN, GALLATIN
& GRANT COUNTIES).....\$ 27.20 14.54

ELEC0317-012 06/02/2025
Rates Fringes
ELECTRICIAN: WIREMEN (BOYD, CARTER, ELLIOT & ROWAN
COUNTIES).....\$ 41.15 29.35

ELEC0369-007 05/27/2025
Rates Fringes
ELECTRICIAN (ANDERSON, BATH, BOURBON, BOYLE,
BRECKINRIDGE, BULLITT, CARROLL, CLARK, FAYETTE,
FRAONKLIN, GRAYSON, HARDIN, HARRISON, HENRY,
JEFFERSON, JESSAMINE, LARUE, MADISON, MARION,
MEADE, MERCER, MONTGOMERY, NELSON, NICHOLAS,
OLDHAM, OWEN, ROBERTSON, SCOTT, SHELBY, SPENCER,
TRIMBLE, WASHINGTON, & WOODFORD COUNTIES:).....\$ 40.96 22.44

ELEC0575-002 05/29/2023
Rates Fringes
ELECTRICIAN (FLEMING, GREENUP, LEWIS & MASON
COUNTIES).....\$ 37.00 22.26

ENGI0181-018 07/01/2025
Rates Fringes
POWER EQUIPMENT OPERATOR 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 LEADS EQUALS OR
EXCEEDS 150 FT. - \$1.00 OVER 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.....\$ 38.37 19.60
POWER EQUIPMENT OPERATOR GROUP 3 ALL OFF ROAD
MATERIAL HANDLING EQUIPMENT, INCLUDING ARTICULATING
DUMP TRUCKS; GREASER ON GREASE FACILITIES SERVICING
HEAVY EQUIPMENT CRANES - WITH BOOMS 150 FT. &
OVER (INCLUDING JIB), AND WHERE THE LENGTH OF THE
BOOM IN COMBINATION WITH THE LENGTH OF THE PILING
LEADS EQUALS OR EXCEEDS 150 FT. - \$1.00 OVER 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.....\$ 39.14 19.60
POWER EQUIPMENT OPERATOR 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 CRANES - WITH BOOMS 150 FT. &
OVER (INCLUDING JIB), AND WHERE THE LENGTH OF THE
BOOM IN COMBINATION WITH THE LENGTH OF THE PILING
LEADS EQUALS OR EXCEEDS 150 FT. - \$1.00 OVER 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.....\$ 38.69 19.60
POWER EQUIPMENT OPERATOR 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 CRANES - WITH BOOMS 150 FT. & OVER (INCLUDING JIB), AND WHERE THE LENGTH OF THE BOOM IN COMBINATION WITH THE LENGTH OF THE PILING LEADS EQUALS OR EXCEEDS 150 FT. - \$1.00 OVER 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.....\$ 41.55 19.60

IRON0044-009 06/01/2025
Rates Fringes
IRONWORKER: STRUCTURAL (BRACKEN, GALLATIN, GRANT, HARRISON, ROBERTSON, BOURBON (NORTHERN THIRD, INCLUDING TOWNSHIPS OF JACKSON, MILLERSBURG, RUDEL MILLS & SHAWHAN); CARROLL (EASTERN THIRD, INCLUDING THE TOWNSHIP OF GHENT); FLEMING (WESTERN PART, EXCLUDING TOWNSHIPS OF BEECHBURG, COLFAX, ELIZAVILLE, FLEMINGSBURG, FLEMINGSBURG JUNCTION, FOXPORT, GRANGE CITY, HILLSBORO, HILLTOP, MOUNT CARMEL, MUSES MILLS, NEPTON, PECKSRIDGE, PLUMMERS LANDING, PLUMMERS MILL, POPLAR PLAINS, RINGOS MILLS, TILT.....\$ 37.77 23.90
IRONWORKER: FENCE ERECTOR (BRACKEN, GALLATIN, GRANT, HARRISON, ROBERTSON, BOURBON (NORTHERN THIRD, INCLUDING TOWNSHIPS OF JACKSON, MILLERSBURG, RUDEL MILLS & SHAWHAN); CARROLL (EASTERN THIRD, INCLUDING THE TOWNSHIP OF GHENT); FLEMING (WESTERN PART, EXCLUDING TOWNSHIPS OF BEECHBURG, COLFAX, ELIZAVILLE, FLEMINGSBURG, FLEMINGSBURG JUNCTION, FOXPORT, GRANGE CITY, HILLSBORO, HILLTOP, MOUNT CARMEL, MUSES MILLS, NEPTON, PECKSRIDGE, PLUMMERS LANDING, PLUMMERS MILL, POPLAR PLAINS, RINGOS MILLS, T.....\$ 35.88 23.90

IRON0070-006 06/01/2025
Rates Fringes
IRONWORKER (ANDERSON, BOYLE, BRECKINRIDGE, BULLITT, FAYETTE, FRANKLIN, GRAYSON, HARDIN, HENRY, JEFFERSON, JESSAMINE, LARUE, MADISON, MARION, MEADE, MERCER, NELSON, OLDHAM, SHELBY, SPENCER, TRIMBLE, WASHINGTON & WOODFORD BOURBON (SOUTHERN TWO-THIRDS, INCLUDING TOWNSHIPS OF AUSTERLITY, CENTERVILLE, CLINTONVILLE, ELIZABETH, HUTCHISON, LITTLEROCK, NORTH MIDDLETOWN & PARIS); CARROLL (WESTERN TWO-THIRDS, INCLUDING TOWNSHIPS OF CARROLLTON, EASTERDAY, ENGLISH, LOCUST, LOUIS, PRESTONVILLE &.....\$ 36.17 25.80-----

IRON0769-007 06/01/2025
Rates Fringes
IRONWORKER ZONE 3.....\$ 41.70 29.59
IRONWORKER ZONE 2.....\$ 40.10 29.59
IRONWORKER ZONE 1.....\$ 39.70 29.59

LAB00189-003 07/01/2025
Rates Fringes
LABORERS: 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 (BATH,
BOURBON, BOYD, BOYLE, BRACKEN, CARTER, CLARK,
ELLIOTT, FAYETTE, FLEMING, FRANKLIN, GALLATIN,
GRANT, GREENUP, HARRISON, JESSAMINE, LEWIS,
MADISON, MASON, MERCER, MONTGOMERY, NICHOLAS, OWEN,
ROBERTSON, ROWAN, SCOTT, & WOOLFORD COUNTIES).....\$ 27.77 19.66
LABORERS: GROUP 3 ASPHALT LUTEMAN & RAKER; GUNNITE
NOZZLEMAN; GUNNITE OPERATOR & MIXER; GROUT PUMP
OPERATOR; SIDE RAIL SETTER; RAIL PAVED DITCHES;
SCREW OPERATOR; TUNNEL (FREE AIR); WATER BLASTER
(BATH, BOURBON, BOYD, BOYLE, BRACKEN, CARTER,
CLARK, ELLIOTT, FAYETTE, FLEMING, FRANKLIN,
GALLATIN, GRANT, GREENUP, HARRISON, JESSAMINE,
LEWIS, MADISON, MASON, MERCER, MONTGOMERY,
NICHOLAS, OWEN, ROBERTSON, ROWAN, SCOTT, & WOOLFORD
COUNTIES).....\$ 27.17 19.66
LABORERS: GROUP 2 BATTER BOARD MAN (SANITARY &
STORM SEWER); BRICKMASON TENDER; MORTAR MIXER
OPERATOR; SCAFFOLD BUILDER; BURNER & WELDER;
BUSHAMMER; 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 (BATH, BOURBON, BOYD, BOYLE, BRACKEN,
CARTER, CLARK, ELLIOTT, FAYETTE, FLEMING, FRANKLIN,
GALLATIN, GRANT, GREENUP, HARRISON, JESSAMINE,
LEWIS, MADISON, MASON, MERCER, MONTGOMERY,
NICHOLAS, OWEN, ROBERTSON, ROWAN, SCOTT, & WOOLFORD
COUNTIES).....\$ 27.12 19.66
LABORERS: 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 (BATH, BOURBON,
BOYD, BOYLE, BRACKEN, CARTER, CLARK, ELLIOTT,
FAYETTE, FLEMING, FRANKLIN, GALLATIN, GRANT,
GREENUP, HARRISON, JESSAMINE, LEWIS, MADISON,
MASON, MERCER, MONTGOMERY, NICHOLAS, OWEN,
ROBERTSON, ROWAN, SCOTT, & WOOLFORD COUNTIES).....\$ 26.87 19.66

LAB00189-008 07/01/2025
Rates Fringes
LABORERS: 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
(ANDERSON, BULLITT, CARROLL, HARDIN, HENRY,
JEFFERSON, LARUE, MARION, MEADE, NELSON, OLDHAM,
SHELBY, SPENCER, TRIMBLE & WASHINGTON COUNTIES).....\$ 27.77 19.66
LABORERS: GROUP 3 ASPHALT LUTEMAN & RAKER; GUNNITE
NOZZLEMAN; GUNNITE OPERATOR & MIXER; GROUT PUMP
OPERATOR; SIDE RAIL SETTER; RAIL PAVED DITCHES;
SCREW OPERATOR; TUNNEL (FREE AIR); WATER BLASTER
(ANDERSON, BULLITT, CARROLL, HARDIN, HENRY,
JEFFERSON, LARUE, MARION, MEADE, NELSON, OLDHAM,
SHELBY, SPENCER, TRIMBLE & WASHINGTON COUNTIES).....\$ 27.17 19.66
LABORERS: GROUP 2 BATTER BOARD MAN (SANITARY &
STORM SEWER); BRICKMASON TENDER; MORTAR MIXER
OPERATOR; SCAFFOLD BUILDER; BURNER & WELDER;
BUSHAMMER; 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 (ANDERSON, BULLITT, CARROLL, HARDIN,
HENRY, JEFFERSON, LARUE, MARION, MEADE, NELSON,
OLDHAM, SHELBY, SPENCER, TRIMBLE & WASHINGTON
COUNTIES).....\$ 27.12 19.66
LABORERS: 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 (ANDERSON,
BULLITT, CARROLL, HARDIN, HENRY, JEFFERSON, LARUE,
MARION, MEADE, NELSON, OLDHAM, SHELBY, SPENCER,
TRIMBLE & WASHINGTON COUNTIES).....\$ 26.87 19.66

LAB00189-009 07/01/2025
Rates Fringes
LABORERS: 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
(BRECKINRIDGE & GRAYSON COUNTIES).....\$ 27.77 19.66
LABORERS: GROUP 3 ASPHALT LUTEMAN & RAKER; GUNNITE
NOZZLEMAN; GUNNITE OPERATOR & MIXER; GROUT PUMP
OPERATOR; SIDE RAIL SETTER; RAIL PAVED DITCHES;
SCREW OPERATOR; TUNNEL (FREE AIR); WATER BLASTER
(BRECKINRIDGE & GRAYSON COUNTIES).....\$ 27.17 19.66
LABORERS: GROUP 2 BATTER BOARD MAN (SANITARY &
STORM SEWER); BRICKMASON TENDER; MORTAR MIXER
OPERATOR; SCAFFOLD BUILDER; BURNER & WELDER;
BUSHAMMER; 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 (BRECKINRIDGE & GRAYSON COUNTIES).....\$ 27.12 19.66
LABORERS: 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 (BRECKINRIDGE &
GRAYSON COUNTIES).....\$ 26.87 19.66

PAIN0012-005 06/11/2005
Rates Fringes
PAINTER: SPRAY (BATH, BOURBON, BOYLE, CLARK,

FAYETTE, FLEMING, FRANKLIN, HARRISON, JESSAMINE,
MADISON, MERCER, MONTGOMERY, NICHOLAS, ROBERTSON,
SCOTT & WOODFORD COUNTIES).....\$ 21.80 5.90
PAINTER: SANDBLASTING & WATERBLASTING (BATH,
BOURBON, BOYLE, CLARK, FAYETTE, FLEMING, FRANKLIN,
HARRISON, JESSAMINE, MADISON, MERCER, MONTGOMERY,
NICHOLAS, ROBERTSON, SCOTT & WOODFORD COUNTIES).....\$ 22.05 5.90
PAINTER: ELEVATED TANKS; STEEPLEJACK WORK; BRIDGE &
LEAD ABATEMENT (BATH, BOURBON, BOYLE, CLARK,
FAYETTE, FLEMING, FRANKLIN, HARRISON, JESSAMINE,
MADISON, MERCER, MONTGOMERY, NICHOLAS, ROBERTSON,
SCOTT & WOODFORD COUNTIES:)).....\$ 22.30 5.90
PAINTER: BRUSH & ROLLER (BATH, BOURBON, BOYLE,
CLARK, FAYETTE, FLEMING, FRANKLIN, HARRISON,
JESSAMINE, MADISON, MERCER, MONTGOMERY, NICHOLAS,
ROBERTSON, SCOTT & WOODFORD COUNTIES).....\$ 21.30 5.90
PAINTER: BRIDGE/EQUIPMENT TENDER AND/OR CONTAINMENT
BUILDER (BATH, BOURBON, BOYLE, CLARK, FAYETTE,
FLEMING, FRANKLIN, HARRISON, JESSAMINE, MADISON,
MERCER, MONTGOMERY, NICHOLAS, ROBERTSON, SCOTT &
WOODFORD COUNTIES:)).....\$ 18.90 5.90

PAIN0012-017 05/01/2015
Rates Fringes
PAINTER, HEAVY & HIGHWAY BRIDGES - GUARDRAILS -
LIGHTPOLES - STRIPING: SPRAY (BRACKEN, GALLATIN,
GRANT, MASON & OWEN COUNTIES).....\$ 23.89 9.06
PAINTER, HEAVY & HIGHWAY BRIDGES - GUARDRAILS -
LIGHTPOLES - STRIPING: SANDBLASTING & WATER
BLASTING (BRACKEN, GALLATIN, GRANT, MASON & OWEN
COUNTIES).....\$ 24.14 9.06
PAINTER, HEAVY & HIGHWAY BRIDGES - GUARDRAILS -
LIGHTPOLES - STRIPING: ELEVATED TANKS; STEEPLEJACK
WORK; BRIDGE & LEAD ABATEMENT (BRACKEN, GALLATIN,
GRANT, MASON & OWEN COUNTIES).....\$ 24.39 9.06
PAINTER, HEAVY & HIGHWAY BRIDGES - GUARDRAILS -
LIGHTPOLES - STRIPING: BRUSH & ROLLER (BRACKEN,
GALLATIN, GRANT, MASON & OWEN COUNTIES).....\$ 23.39 9.06
PAINTER, HEAVY & HIGHWAY BRIDGES - GUARDRAILS -
LIGHTPOLES - STRIPING: BRIDGE EQUIPMENT TENDER AND
CONTAINMENT BUILDER (BRACKEN, GALLATIN, GRANT,
MASON & OWEN COUNTIES).....\$ 20.73 9.06

PAIN0118-004 06/01/2018
Rates Fringes
PAINTER: SPRAY, SANDBLAST, POWER TOOLS, WATERBLAST
& STEAM CLEANING (ANDERSON, BRECKINRIDGE, BULLITT,
CARROLL, GRAYSON, HARDIN, HENRY, JEFFERSON, LARUE,
MARION, MEADE, NELSON, OLDHAM, SHELBY, SPENCER,
TRIMBLE & WASHINGTON COUNTIES:)).....\$ 23.00 12.52
PAINTER: BRUSH & ROLLER (ANDERSON, BRECKINRIDGE,
BULLITT, CARROLL, GRAYSON, HARDIN, HENRY,
JEFFERSON, LARUE, MARION, MEADE, NELSON, OLDHAM,
SHELBY, SPENCER, TRIMBLE & WASHINGTON COUNTIES).....\$ 22.00 12.52

PAIN1072-003 12/01/2024
Rates Fringes
PAINTERS: POWER GENERATING FACILITIES (BOYD,
CARTER, ELLIOTT, GREENUP, LEWIS AND ROWAN COUNTIES).\$ 34.29 23.95
PAINTERS: BRIDGES; LOCKS; DAMS; TENSION TOWERS &
ENERGIZED SUBSTATIONS (BOYD, CARTER, ELLIOTT,
GREENUP, LEWIS AND ROWAN COUNTIES).....\$ 37.53 23.95

PLUM0248-003 06/01/2025
Rates Fringes
PLUMBER AND STEAMFITTER (BOYD, CARTER, ELLIOTT,
GREENUP, LEWIS & ROWAN COUNTIES).....\$ 42.75 25.76

PLUM0392-007 06/01/2025
Rates Fringes
PLUMBERS AND PIPEFITTERS (BRACKEN, CARROLL (EASTERN
HALF), GALLATIN, GRANT, MASON, OWEN & ROBERTSON
COUNTIES).....\$ 43.30 27.40

PLUM0502-003 08/01/2024
Rates Fringes

PLUMBER (BRECKINRIDGE, BULLITT, CARROLL (WESTERN HALF), FRANKLIN (WESTERN THREE-FOURTHS), GRAYSON, HARDIN, HENRY, JEFFERSON, LARUE, MARION, MEADE, NELSON, OLDHAM, SHELBY, SPENCER, TRIMBLE & WASHINGTON COUNTIES).....\$ 41.90 24.89

SUKY2010-160 10/08/2001
Rates Fringes
TRUCK DRIVERS: GROUP 4 Euclid & Other Heavy Earthmoving Equipment & Lowboy; Articulator Cat; 5-Axle Vehicle; Winch & A-Frame when used in transporting materials; Ross Carrier; Forklift when used to transport building materials; & Pavement Breaker.....\$ 16.96 7.34
TRUCK DRIVERS: GROUP 3 Single Axle Dump; Flatbed; Semi-trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Distributor; Mixer; & Truck Mechanic.....\$ 16.86 7.34
TRUCK DRIVERS: GROUP 2 Greaser; Tire Changer; & Mechanic Tender.....\$ 16.68 7.34
TRUCK DRIVERS: GROUP 1 Mobile Batch Truck Tender...\$ 16.57 7.34

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

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>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.65 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract from May 11, 2026, through December 31, 2026. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

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) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than SU, UAVG, SA, or SC denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union

whose collectively bargained rate 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. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ♦SU♦ identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the 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. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

♦SU♦ wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ♦SA♦ identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ♦SA♦ identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:
Branch of Wage Surveys

Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail 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 an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail 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 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.

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END OF GENERAL DECISION
"

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

PART IV

BID ITEMS

261133

Section: 0001 - PAVING, ROADWAY, & DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	4,879.00	TON		\$	
0020	00521		STORM SEWER PIPE-15 IN	333.00	LF		\$	
0030	00522		STORM SEWER PIPE-18 IN	102.00	LF		\$	
0040	00524		STORM SEWER PIPE-24 IN	47.00	LF		\$	
0050	00526		STORM SEWER PIPE-30 IN	106.00	LF		\$	
0060	01310		REMOVE PIPE	137.00	LF		\$	
0070	01450		S & F BOX INLET-OUTLET-18 IN	1.00	EACH		\$	
0080	01451		S & F BOX INLET-OUTLET-24 IN	1.00	EACH		\$	
0090	01456		CURB BOX INLET TYPE A	4.00	EACH		\$	
0100	01490		DROP BOX INLET TYPE 1	1.00	EACH		\$	
0110	01493		DROP BOX INLET TYPE 2	1.00	EACH		\$	
0120	01496		DROP BOX INLET TYPE 3	1.00	EACH		\$	
0130	01634		CAP CURB BOX INLET	2.00	EACH		\$	
0140	01706		REMOVE CATCH BASIN	3.00	EACH		\$	
0150	01767		MANHOLE TYPE C	1.00	EACH		\$	
0160	01830		STANDARD INTEGRAL CURB	1,910.00	LF		\$	
0170	02069		JPC PAVEMENT-10 IN	12,968.00	SQYD		\$	
0180	02115		SAW-CLEAN-RESEAL TVERSE JOINT	100.00	LF		\$	
0190	02116		SAW-CLEAN-RESEAL LONGIT JOINT	200.00	LF		\$	
0200	02159		TEMP DITCH	713.00	LF		\$	
0210	02160		CLEAN TEMP DITCH	357.00	LF		\$	
0220	02200		ROADWAY EXCAVATION	9,903.00	CUYD		\$	
0230	02242		WATER	1.00	MGAL		\$	
0240	02545		CLEARING AND GRUBBING 3.26 ACRES	1.00	LS		\$	
0250	02562		TEMPORARY SIGNS	182.00	SQFT		\$	
0260	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	837.00	SQYD	\$2.00	\$	\$1,674.00
0270	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0280	02671		PORTABLE CHANGEABLE MESSAGE SIGN	1.00	EACH		\$	
0290	02701		TEMP SILT FENCE	713.00	LF		\$	
0300	02703		SILT TRAP TYPE A	6.00	EACH		\$	
0310	02704		SILT TRAP TYPE B	6.00	EACH		\$	
0320	02705		SILT TRAP TYPE C	6.00	EACH		\$	
0330	02706		CLEAN SILT TRAP TYPE A	6.00	EACH		\$	
0340	02707		CLEAN SILT TRAP TYPE B	6.00	EACH		\$	
0350	02708		CLEAN SILT TRAP TYPE C	6.00	EACH		\$	
0360	02720		SIDEWALK-4 IN CONCRETE	154.00	SQYD		\$	
0370	02726		STAKING	1.00	LS		\$	
0380	05950		EROSION CONTROL BLANKET	2,255.00	SQYD		\$	
0390	05952		TEMP MULCH	17,295.00	SQYD		\$	
0400	05953		TEMP SEEDING AND PROTECTION	12,907.00	SQYD		\$	
0410	05963		INITIAL FERTILIZER	0.70	TON		\$	
0420	05964		MAINTENANCE FERTILIZER	0.40	TON		\$	
0430	05985		SEEDING AND PROTECTION	12,956.00	SQYD		\$	
0440	05992		AGRICULTURAL LIMESTONE	8.00	TON		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0450	06540		PAVE STRIPING-THERMO-4 IN W	4,747.00	LF		\$	
0460	06541		PAVE STRIPING-THERMO-4 IN Y	250.00	LF		\$	
0470	06569		PAVE MARKING-THERMO CROSS-HATCH	1,079.00	SQFT		\$	
0480	06573		PAVE MARKING-THERMO STR ARROW	10.00	EACH		\$	
0490	08540		JOINT SEALING	300.00	LF		\$	
0500	10020NS		FUEL ADJUSTMENT	6,055.00	DOLL	\$1.00	\$	\$6,055.00
0510	20206EC		PAVE MARK HANDICAP SYMBOL	2.00	EACH		\$	
0520	24631EC		BARCODE SIGN INVENTORY	37.00	EACH		\$	
0530	24969ED		LONGITUDINAL SAW CUT	1,477.00	LF		\$	
0540	40027		ROCK EXCAVATION	3,099.00	CUYD		\$	

Section: 0002 - ROADWAY LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0550	02562		TEMPORARY SIGNS	300.00	SQFT		\$	
0560	02775		ARROW PANEL	1.00	EACH		\$	
0570	04710		POLE 80 FT MTG HT HIGH MAST	3.00	EACH		\$	
0580	04761		LIGHTING CONTROL EQUIPMENT	1.00	EACH		\$	
0590	04820		TRENCHING AND BACKFILLING	1,045.00	LF		\$	
0600	04833		WIRE-NO. 8	13,250.00	LF		\$	
0610	04836		WIRE-NO. 2	705.00	LF		\$	
0620	04940		REMOVE LIGHTING	1.00	LS		\$	
0630	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	8.00	EACH		\$	
0640	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	1.00	EACH		\$	
0650	20410ED		MAINTAIN LIGHTING	1.00	LS		\$	
0660	21543EN		BORE AND JACK CONDUIT	643.00	LF		\$	
0670	23161EN		POLE BASE-HIGH MAST	17.80	CUYD		\$	
0680	24749EC		HIGH MAST LED LUMINAIRE	9.00	EACH		\$	
0690	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	2,138.00	LF		\$	

Section: 0003 - ITS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0700	02562		TEMPORARY SIGNS	300.00	SQFT		\$	
0710	02775		ARROW PANEL	1.00	EACH		\$	
0720	04820		TRENCHING AND BACKFILLING	898.00	LF		\$	
0730	04836		WIRE-NO. 2	800.00	LF		\$	
0740	04899		ELECTRICAL SERVICE	1.00	EACH		\$	
0750	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		\$	
0760	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	1.00	EACH		\$	
0770	20468EC		ELECTRICAL JUNCTION BOX-10 X 8 X 4	1.00	EACH		\$	
0780	21058ND		WINCH LOWERING TOOL	1.00	EACH		\$	
0790	21065ND		MODEL 334 ENCLOSURE	1.00	EACH		\$	
0800	21489ND		RACK MOUNTED UPS	1.00	EACH		\$	
0810	21543EN		BORE AND JACK CONDUIT	932.00	LF		\$	
0820	22403NN		WEB CAMERA ASSEMBLY	1.00	EACH		\$	
0830	23150NN		COMMUNICATION CABLE	1,850.00	LF		\$	

Report Date 10/22/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0840	23151NN		POLE WITH LOWERING DEVICE	4.00	EACH		\$	
0850	23161EN		POLE BASE-HIGH MAST	24.40	CUYD		\$	
0860	23942EC		FIXED WEB CAMERA ASSEMBLY	4.00	EACH		\$	
0870	23944EC		ADVANCED GROUNDING SYSTEM	4.00	EACH		\$	
0880	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	1,830.00	LF		\$	

Section: 0004 - WATER PIPING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0890	04960		REMOVE AND REPLACE SIDEWALK	222.00	SQYD		\$	
0900	14002		W AIR RELEASE VALVE SPECIAL	1.00	EACH		\$	
0910	14004		W DIRECTIONAL BORE	149.00	LF		\$	
0920	14007		W ENCASEMENT STEEL BORED RANGE 2	149.00	LF		\$	
0930	14013		W ENCASEMENT STEEL OPEN CUT RANGE 2	304.00	LF		\$	
0940	14047		W PIPE DCTL IRON RSTRND JOINT 06 IN	1,817.00	LF		\$	
0950	14059		W PIPE PVC 06 INCH	311.00	LF		\$	
0960	14074		W PLUG EXISTING MAIN	3.00	EACH		\$	
0970	14094		W TIE-IN 06 INCH	1.00	EACH		\$	
0980	14105		W VALVE 06 INCH	5.00	EACH		\$	
0990	14145		W SERV COPPER LONG SIDE 1 IN	15.00	EACH		\$	
1000	14158		W BLOWOFF ASSEMBLY	1.00	EACH		\$	
1010	15019		S ENCASEMENT STEEL BORED RANGE 6	375.00	LF		\$	
1020	15092		S MANHOLE	4.00	EACH		\$	
1030	15099		S MANHOLE TAP EXISTING	3.00	EACH		\$	
1040	15101		S MANHOLE WITH DROP	3.00	EACH		\$	
1050	15112		S PIPE PVC 08 INCH	1,874.00	LF		\$	
1060	23004NN		PUMP STATION DEMOLITION	2.00	EACH		\$	

Section: 0005 - MISCELLANEOUS WORK FOR SANITARY SEWER SERVICE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1070	01314		PLUG PIPE	7.00	EACH		\$	
1080	02069		JPC PAVEMENT-10 IN	610.00	SQYD		\$	
1090	02265		REMOVE FENCE	220.00	LF		\$	
1100	02268		REMOVE & REPLACE FENCE	40.00	LF		\$	
1110	02383		REMOVE & RESET G/R	25.00	LF		\$	
1120	02690		SAFELOADING	18.00	CUYD		\$	
1130	02701		TEMP SILT FENCE	3,306.00	LF		\$	
1140	02704		SILT TRAP TYPE B	15.00	EACH		\$	
1150	02705		SILT TRAP TYPE C	1.00	EACH		\$	
1160	02731		REMOVE STRUCTURE	1.00	LS		\$	
1170	15011		S DIRECTIONAL BORE	116.00	LF		\$	

Section: 0006 - MOBILIZATION/DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1180	02568		MOBILIZATION	1.00	LS		\$	
1190	02569		DEMOBILIZATION	1.00	LS		\$	