

CALL NO. 405
CONTRACT ID. 252286
BELL COUNTY
FED/STATE PROJECT NUMBER 007GR25P068-FD04
DESCRIPTION GUARDRAIL ON KY 66, KY 92, KY 190, & KY 1491
WORK TYPE GUARDRAIL
PRIMARY COMPLETION DATE 12/15/2025

# LETTING DATE: July 24,2025

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME July 24,2025. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

NO PLANS ASSOCIATED WITH THIS PROJECT.

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

# TABLE OF CONTENTS

### PART I SCOPE OF WORK

- PROJECT(S), COMPLETION DATE(S), & LIQUIDATED DAMAGES
- CONTRACT NOTES
- STATE CONTRACT NOTES
- DGA BASE
- DGA BASE FOR SHOULDERS
- SPECIAL NOTE(S) APPLICABLE TO PROJECT
- WASTE AND BORROW SITES
- ELECTRONIC DELIVERY MANAGEMENT SYSTEM (E-TICKETING) AGGREGATE
- COORDINATION OF WORK WITH OTHER CONTRACTS
- SHOULDER PREPARATION
- GUARDRAIL
- TYPICAL SECTION DIMENSIONS
- TRAFFIC CONTROL PLAN
- EROSION CONTROL
- SKETCH MAP(S)
- MATERIAL SUMMARY
- SUMMARY SHEET(S)
- TYPICAL SECTION(S)
- DETAIL SHEET(S)

### PART II SPECIFICATIONS AND STANDARD DRAWINGS

- STANDARD AND SUPPLEMENTAL SPECIFICATIONS
- STANDARD DRAWINGS THAT APPLY
- SILT TRAP TYPE C
- CHANNELIZING DEVICES (INCLUDING BARRICADES)
- GUARDRAIL END TREATMENT TYPE 1

# PART III EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

- LABOR AND WAGE REQUIREMENTS
- EXECUTIVE BRANCH CODE OF ETHICS
- KENTUCKY EQUAL EMPLOYMENT OPPORTUNITY ACT OF 1978 LOCALITY / STATE
- PROJECT WAGE RATES / STATE FUNDED

## PART IV BID ITEMS

# PART I SCOPE OF WORK

#### **ADMINISTRATIVE DISTRICT - 11**

CONTRACT ID - 252286 007GR25P068-FD04

**COUNTY - BELL** 

PCN - MP00700662502 FD04 007 0066 006-008

PINEVILLE - ONEIDA ROAD (KY 66) (MP 6.802) FROM 0.057 MILES SOUTH OF ERIC MILLER ROAD EXTENDING NORTH TO 0.115 MILES SOUTH OF L B EVANS ROAD (MP 7.192), A DISTANCE OF 0.23 MILES.GUARDRAIL SYP NO. 11-4396.00.

GEOGRAPHIC COORDINATES LATITUDE 36:50:01.00 LONGITUDE 83:37:54.00 ADT 300

PCN - MP00700922501 FD04 007 0092 003-006

PINEVILLE - WILLIAMSBURG ROAD (KY 92) (MP 3.590) FROM 0.004 MILES WEST OF KY 225 EXTENDING EAST TO 0.090 MILES WEST OF INGRAM BRANCH (MP 5.269), A DISTANCE OF 01.68 MILES.GUARDRAIL SYP NO. 11-4398.00.

GEOGRAPHIC COORDINATES LATITUDE 36:42:59.00 LONGITUDE 83:48:54.00 ADT 950

PCN - MP00701902502 FD04 007 0190 004-010

PINEVILLE-FRAKES ROAD (KY 190) (MP 4.316) FROM O.218 MILES EAST OF KY 3483 EXTENDING EAST TO 0.176 MILES EAST OF OLD SHENOA ROAD (MP 9.330), A DISTANCE OF 05.01 MILES.GUARDRAIL SYP NO. 11-4394.00. GEOGRAPHIC COORDINATES LATITUDE 36:38:29.00 LONGITUDE 83:55:43.00 ADT 700

PCN - MP00714912501 FD04 007 1491 000-001

CURVY ROAD (KY 1491) (MP 0.476) FROM 0.196 MILES NORTH OF FUSON TOAD EXTENDING NORTH TO 0.014 MILES SOUTH OF MOORE HALL ROADL B EVANS ROAD (MP 0.618), A DISTANCE OF 0.14 MILES.GUARDRAIL SYP NO. 11-4393.00.

GEOGRAPHIC COORDINATES LATITUDE 36:43:10.00 LONGITUDE 83:43:23.00 ADT 980

### **COMPLETION DATE(S):**

COMPLETED BY 12/15/2025 SPECIFIED COMPLETION DATE - ALL ITEMS IN CONTRACT

# **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 <u>KRS 14A.9-010</u>, the foreign entity should identify the applicable exception. Foreign entity is defined within <u>KRS 14A.1-070</u>.

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 <a href="https://secure.kentucky.gov/sos/ftbr/welcome.aspx">https://secure.kentucky.gov/sos/ftbr/welcome.aspx</a> .

### 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 <a href="https://kytc.projectquestions@ky.gov">kytc.projectquestions@ky.gov</a>. 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 (<a href="www.transportation.ky.gov/construction-procurement">www.transportation.ky.gov/construction-procurement</a>). 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 <u>KRS 45A.607</u>, 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 <u>KRS 11A.236</u> 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 <u>KRS 45A.328</u>, 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

05/05/2025

# 1.0 BUY AMERICA REQUIREMENT.

Follow the "Buy America" provisions as required by 23 U.S.C. § 313 and 23 C.F.R. § 635.410. Except as expressly provided herein all manufacturing processes of steel or iron materials including but not limited to structural steel, guardrail materials, corrugated steel, culvert pipe, structural plate, prestressing strands, and steel reinforcing bars shall occur in the United States of America, including the application of:

- · Coating,
- Galvanizing,
- Painting, and
- Other coating that protects or enhances the value of steel or iron products.

The following are exempt, unless processed or refined to include substantial amounts of steel or iron material, and may be used regardless of source in the domestic manufacturing process for steel or iron material:

- Pig iron,
- Processed, pelletized, and reduced iron ore material, or
- Processed alloys.

The Contractor shall submit a certification stating that all manufacturing processes involved with the production of steel or iron materials occurred in the United States.

Produce, mill, fabricate, and manufacture in the United States of America all aluminum components of bridges, tunnels, and large sign support systems, for which either shop fabrication, shop inspection, or certified mill test reports are required as the basis of acceptance by the Department.

Use foreign materials only under the following conditions:

- 1) When the materials are not permanently incorporated into the project; or
- 2) When the delivered cost of such materials used does not exceed 0.1 percent of the total Contract amount or \$2,500.00, whichever is greater.

The Contractor shall submit to the Engineer the origin and value of any foreign material used.

# 2.0 - BUILD AMERICA, BUY AMERICA (BABA)

Contractor shall comply with the Federal Highway Administration (FHWA) Buy America Requirement in 23 C.F.R. § 635.410 and all relevant provisions of the Build America, Buy America Act (BABA), contained within the Infrastructure Investment and Jobs Act, Pub. L. No. 117-58, §§ 70901-52 enacted November 15, 2021. The BABA requires iron, steel, manufactured products, and construction materials used in infrastructure projects funded by federal financial assistance to be produced in the United States. Comply with 2 C.F.R § 184.

BABA permits FHWA participation in the Contract only if domestic steel and iron will be used on the Project. To be considered domestic, all steel and iron used, and all products manufactured from steel and iron must be produced in the United States and all manufacturing processes, including application of a coating, for these materials must occur in the United States. Coating includes all processes that protect or enhance the value of the material to which the coating is applied. This requirement does not preclude a minimal use of foreign steel and iron materials, provided the cost of such materials does not exceed 0.1% of the total contract amount under the Contract or \$2,500.00 whichever is greater.

BABA permits FHWA participation in the Contract only if all "construction materials" as defined in the Act are made in the United States. The Buy America preference applies to the following construction materials incorporated into infrastructure projects: non-ferrous metals; plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables); glass (including optic glass); Fiber optic cable; optical fiber; lumber; engineered wood; and drywall. Contractor will be

SPECIAL NOTE – BUY AMERICA REQUIREMENTS AND BUILD AMERICA, BUY AMERICA (BABA) ACT

05/05/2025

required to use construction materials produced in the United States on this Project. The Contractor shall submit a certification stating that all construction materials are certified to be BABA compliant.

# 3.0 FINAL RULE – FHWA'S BUY AMERICA REGULATION TO TERMINATE GENERAL APPLICABILITY WAIVER FOR MANUFACTURED PRODUCTS

- March 17, 2025 (effective date): For all Federal-aid projects obligated on or after March 15, 2025, all iron or steel products, as defined in § 635.410(c)(1)(iii), must comply with FHWA's Buy America requirements for steel and iron in § 635.410(b). In addition, for all Federal-aid projects obligated on or after March 15, 2025, per § 635.410(c)(2), articles, materials, and supplies should be classified as an iron or steel product, a manufactured product, or another product as specified by law or in 2 CFR part 184 (such other products specified by law or in 2 CFR part 184 include "excluded materials" and "construction materials"); an article, material, or supply must not be considered to fall into multiple categories.
- October 1, 2025: The final assembly requirement will become effective for Federal-aid projects obligated on or after October 1, 2025. This means that, for manufactured product to be Buy America compliant, for Federal-aid projects obligated on or after October 1, 2025, final assembly of the manufactured product must occur in the United States.
- October 1, 2026: The 55 percent requirement will become effective for Federal-aid projects obligated on or after October 1, 2026. This means that, for manufactured product to be Buy America-compliant, for Federal-aid projects obligated on or after October 1, 2026, all manufactured products permanently incorporated into the project must both be manufactured in the United States (satisfy the final assembly requirement) and have the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States be greater than 55 percent of the total cost of all components of the manufactured product (satisfy the 55 percent requirement).

### 4.0 - ADDITIONAL REQUIREMENTS

The Contractor has completed and submitted, or shall complete and submit, to the Cabinet a Buy America/Build America, Buy America Certificate prior to the Cabinet issuing the notice to proceed, in the format below. After submittal, the Contractor is bound by its original certification.

A false certification is a criminal act in violation of 18 U.S.C. § 1001. The Contractor has the burden of proof to establish that it's in compliance.

At the Contractor's request, the Cabinet may, but is not obligated to, seek a waiver of Buy America requirements if grounds for the waiver exist under 23 C.F.R. § 635.410(c) or will comply with the applicable Buy America requirements if a waiver of those requirements is not available or not pursued by the Cabinet.

Please refer to the Federal Highway Administration's Buy America webpage for more information.

<u>Buy America - Construction Program Guide - Contract Administration - Construction - Federal Highway Administration (dot.gov)</u>

Contract ID: 252286 Page 10 of 61

SPECIAL NOTE – BUY AMERICA REQUIREMENTS AND BUILD AMERICA, BUY AMERICA (BABA) ACT

05/05/2025

# **BUY AMERICA / BUILD AMERICA, BUY AMERICA (ACT) MATERIALS CERTIFICATE OF COMPLIANCE**

The Contractor hereby certifies that it will comply with all relevant provisions of the Build America, Buy America Act, contained within the Infrastructure Investment and Jobs Act, Pub. L. NO. 117-58, §§ 70901-52, the requirements of 23 U.S.C. § 313, 23 C.F.R. § 635.410 and 2 C.F.R § 184.

Date Submitted:	
Contractor:	
Signature:	
Printed Name:	
Title:	

NOTE: THIS CERTIFICATION IS IN ADDITION TO ANY AND ALL REQUIREMENTS OUTLINED IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND/OR SPECIAL NOTES CONTAINED IN THE PROJECT PROPOSAL.

#### Contract ID: 252286 Page 11 of 61

# SPECIAL NOTE FOR RECIPROCAL PREFERENCE

# RECIPROCAL PREFERENCE TO BE GIVEN BY PUBLIC AGENCIES TO RESIDENT BIDDERS

By reference, KRS 45A.490 to 45A.494 are incorporated herein and in compliance regarding the bidders residency. Bidders who want to claim resident bidder status should complete the Affidavit for Claiming Resident Bidder Status along with their bid in the electronic bidding software. Submittal of the Affidavit should be done along the bid in Bid Express.

April 30, 2018

BELL COUNTY 007GR25P068-FD04

#### Contract ID: 252286 Page 12 of 61

# **DGA BASE**

Unless otherwise noted, the Department estimates the rate of application for DGA Base to be 115 lbs/sy per inch of depth.

### **DGA BASE FOR SHOULDERS**

Unless otherwise noted, the Department estimates the rate of application for DGA Base for Shoulders to be 115 lbs/sy per inch of depth. The Department will not measure necessary grading and/or shaping of existing shoulders prior to placing of DGA Base, but shall be incidental to the Contract unit price per ton for DGA Base.

Accept payment at the Contract unit price per ton as full compensation for all labor, materials, equipment, and incidentals for grading and/or shaping of existing shoulders and furnishing, placing, and compacting the DGA Base.

# SPECIAL NOTE FOR TYPE 1 AND TYPE 4 END TREATMENTS

When the plans call for a Type 1 or Type 4 End Treatment, a MASH eligibility letter from FHWA is required for these end terminals. When a MASH tested eligibility letter is not available for the end terminal being utilized, the most recent NCHRP 350 eligibility letter from FHWA for that terminal will apply. Acceptance of the terminal will be at the discretion of the Engineer.

BELL COUNTY 007GR25P068-FD04 Contract ID: 252286 Page 14 of 61

# SPECIAL PROVISION FOR WASTE AND BORROW SITES

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

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

#### Contract ID: 252286 Page 15 of 61

### SPECIAL NOTE FOR ELECTRONIC DELIVERY MANAGEMENT SYSTEM (e-Ticketing) AGGREGATE

This Special Note will apply when indicated on the plans or in the proposal. Section references herein are to the Department's Standard Specifications for Road and Bridge Construction current edition.

**1.0 DESCRIPTION.** Incorporate an e-Ticketing Delivery Software for weighed aggregate material delivered to the project to report loads and provide daily running totals of weighed aggregate material for pay items and incidental work during the construction processes from the point of measurement and loading to the point of incorporation to the project.

**2.0 MATERIALS AND EQUIPMENT.** Contractor shall supply material data in JavaScript Object Notation (JSON) documents to the KYTC e-Ticketing Delivery Software (KYTC e-Ticketing Portal) via Application Programming Interface (API) or direct connection. Test and verify that ticket data can be shared from the original source no fewer than 30 days prior to material placement activities. An e-Ticketing Delivery Software supplier can provide a qualified representative for on-site technical assistance during the initial setup, pre-construction verifications, and data management and processing as needed during the Project to maintain material data delivery capabilities. Virtual meetings may be hosted in lieu of on-site meetings when deemed appropriate by the Engineer.

Provide e-Ticketing Delivery Software that will meet the following:

- 1. The e-Ticketing Delivery Software shall be fully integrated with the Contractor's Load Read-Out scale system at the material source location.
- 2. The e-Ticketing Delivery Software shall provide real-time delivery to KYTC e-Ticketing Portal.
- 3. Transmit any updates to the ticket data within 5 minutes of a change.

**3.0 CONSTRUCTION.** Provide the Engineer with the manufacturer's specifications and all required documentation for data access at the pre-construction conference.

#### A. Construction Requirements

- 1. Install and operate software in accordance with the manufacturer's specifications.
- 2. Verify that all pertinent information is provided by the software within the requirements of this Special Note.

#### **B.** Data Deliverables

Provide to the Engineer a means in which to gather report summaries by way of iOS apps, web pages, or any other method at the disposal of the Engineer. The Engineer may request data at any time during the project.

#### 1. Aggregate Material

#### a. Real-time Continuous Data Items

Provide the Engineer access to JSON documents capable of being transmitted through the KYTC's e-Ticketing Portal that displays the following information in real-time with a web-based system compatible with iOS and Windows environments.

- Each Truck
  - o Supplier Name
  - Supplier Address
  - Supplier Phone
  - Plant location
  - o Date
  - o Time at source
  - Project Location

- Contract ID#
- o Carrier Name
- o Unique Truck ID
- o Description of Material
- o Load Number
- o Gross, Tare and Net Weight
- Weighmaster

**4.0 MEASUREMENT.** The Department will measure the electronic delivery management system as a lump sum item.

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

- 1. Payment is full compensation for all work associated with providing all required equipment, training, and documentation.
- 2. Payment will be full compensation for costs related to providing the e-Ticketing Delivery Software, including integration with plant load-out systems, and report viewing/exporting process. All quality control procedures including the software representative's technical support and on-site training shall be included in the Contract lump sum price.

Code	<u>Pay Item</u>	Pay Unit
26248EC	ELECTRONIC DELIVERY MGMT SYSTEM-AGG	LS

May 5, 2025

# COORDINATION OF WORK WITH OTHER CONTRACTS

Be advised, there may be active project(s) adjacent to or within this project. These may be KYTC administered contracts, work being performed as part of a KYTC issued encroachment permit, or work being performed by Department forces. The Engineer will coordinate the work of the Contractor and others within the limits of this project. See Sections 105.06, 107.06 and 107.14.

# SPECIAL NOTE FOR SHOULDER PREPARATION

Grade, shape, and compact shoulder as shown on the typical section and as directed by the Engineer to provide proper template and foundation for the guardrail. The Department will not measure grading, shaping, and compacting shoulders for separate payment, but shall be incidental to Dense Graded Aggregate constructed on the shoulders and/or Guardrail, End Treatments, and Terminal Sections constructed on the shoulders.

#### SPECIAL NOTES FOR GUARDRAIL

#### I. DESCRIPTION

Except as specified herein, perform all work in accordance with the Department's 2019 Standard and Supplemental Specifications, Special Notes and Special Provisions, and 2020 Standard and Sepia Drawings, current editions. Article references are to the Standard Specifications.

Furnish all equipment, labor, materials, and incidentals for the following work items:

(1) Site preparation and erosion control; (2) Guardrail, Extra Length Posts, End Treatments, and Terminal Sections; (3) Delineators for guardrail; (4) Extra Length Posts, Cribbing, Filter Fabric, and Dense Graded Aggregate; (5) Maintain and control traffic; and (6) All other work specified as part of this contract.

### II. MATERIALS

Except as specified herein, provide for all materials to be sampled and tested in accordance with the Department's Sampling Manual and make the materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing.

- A. Maintain and Control Traffic. See Traffic Control Plan.
- **B. Guardrail.** Furnish guardrail system components according to section 814 and the Standard and Sepia Drawings, except use steel posts only, no alternates. Furnish Extra Length Posts in 9-foot lengths.
- **C. Delineators for Guardrail.** Furnish bi-directional white Delineators for Guardrail according to the Standard Drawing RBR-055-01.
- **D.** Cribbing. Furnish Nine (9) foot length Extra Length Posts, Steel "W" Beam Guardrail elements, new or used, in 12.5-foot lengths. Use only structurally sound and rust-free straight elements. The Engineer will use visual inspection to determine acceptability.
- E. Geotextile Fabric. Furnish Class 1 Geotextile Fabric according to Section 843.
- **F. Dense Graded Aggregate.** Furnish Dense Graded Aggregate (DGA) according to Section 302.02. Do not furnish Crushed Stone Base in lieu of DGA.
- **I. Erosion Control.** See Special Notes for Erosion Control.

Guardrail Page 2 of 4

### III. CONSTRUCTION METHODS

- A. Maintain and Control Traffic. See Traffic Control Plan.
- **B. Site Preparation.** Be responsible for all site preparation, including but not limited to, clearing and grubbing, excavation, embankment, and removal of all obstructions or any other items; regrading, reshaping, adding and compacting of suitable materials on the existing shoulders to provide proper template or foundation for the guardrail; temporary pollution and erosion control; disposal, of excess and waste materials and debris; and final dressing, cleanup, and seeding and protection. Perform all site preparation as approved or directed by the Engineer. See special Note for Shouldering.
- C. Guardrail. Except as specified herein, construct guardrail system according to Section 719 and the Standard and Sepia Drawings. Consider the locations listed on the summary and/or shown on the drawings to be approximate only. The Engineer will determine the exact termini for individual guardrail installations at the time of construction. The Engineer will determine the locations requiring Extra Length Posts at the time of construction. Unless directed otherwise by the Engineer, provide a minimum shoulder width of three (3) feet. Construct radii at entrances and road intersections as directed by the Engineer.

Erect guardrail to the lines and grades shown on current Standard and Sepia Drawings or as directed by the Engineer by any method approved by the Engineer that allows construction of the guardrail to the true grade without apparent sags. Support cantilevered terminal sections with an additional post.

When installing guardrail, do not leave the blunt end exposed where it would be hazardous to the public. When it is not practical to complete the construction of the guardrail and the permanent end treatments and terminal sections first, provide a temporary end by connecting at least 25 feet of rail to the last post, and by slightly flaring, and burying the end of the rail completely into the existing shoulder. If left overnight, place a drum with bridge panel in advance of the guardrail end and maintain during use.

- **D. Delineators for Guardrail.** Install Delineators for Guardrail according to Standard Drawing RBR-055-01, except space 50 feet on centers.
- **E. Extra Length Posts & Cribbing.** Install Geotextile Fabric and Cribbing on Extra Length Posts as shown on the drawings or as directed by the Engineer and backfill with DGA.
- **F. Property Damage.** Be responsible for all damage to public and/or private property resulting from the work. Restore damaged roadway features and private property at no additional cost to the Department.

Guardrail Page 3 of 4

- **G. Coordination with Utility Companies.** Locate all underground, above ground and overhead utilities prior to beginning construction. Be responsible for contacting and maintaining liaison with all utility companies that have utilities located within the project limits. Do not disturb existing overhead or underground utilities. It is not anticipated that any utility facilities will need to be relocated and/or adjusted; however, in the event that it is discovered that the work does require that utilities be relocated and/or adjusted, the utility companies will work concurrently with the Contractor while relocating their facilities. Be responsible for repairing all utility damage that occurs as a result of guardrail operations at no additional cost to the Department.
- **H. Right of Way Limits**. The Department has not established exact limits of the Right-of-Way. Limit work activities to obvious Right-of-Way, permanent or temporary easements, and work areas secured by the Department through consent and release of the adjacent property owners. Be responsible for all encroachments onto private lands.
- **I. Disposal of Waste.** Dispose of all removed concrete, debris, and other waste and debris off the Right-of-Way at sites obtained by the Contractor at no additional cost to the Department. See Special Note for Waste and Borrow.
- **J. Final Dressing, Clean Up, and Seeding and Protection.** Apply Class A Final Dressing to all disturbed areas, both on and off the Right-of-Way. Sow all disturbed earthen areas according to the Special Notes for Erosion Control.
- K. Erosion Control. See Special Notes for Erosion Control.

### IV. METHOD OF MEASUREMENT

- A. Maintain and Control Traffic. See Traffic Control Plan.
- **B. Site preparation.** Other than the bid items listed, the Department will not measure Site Preparation for separate payment but shall be incidental to Guardrail, End Treatments, Terminal Sections, and Cribbing as applicable.
- C. Guardrail System. See Section 719.04.
- **D. Delineators for Guardrail.** See the Standard Drawing RBR-055-01.
- **E. Extra Length Posts.** The Department will measure Extra Length Posts in individual units, Each.
- **F. Geotextile Fabric.** The Department will not measure Geotextile Fabric, but shall be incidental to Cribbing.
- **G. Cribbing.** The Department will measure Cribbing in square feet of finished in-place area. The Department will not measure laps, cutoffs, excess, and waste.

Guardrail Page 4 of 4

- H. Dense Graded Aggregate. See Section 302.04.
- **I. Erosion Control.** See Special Notes for Erosion Control.

# V. BASIS OF PAYMENT

- A. Maintain and Control Traffic. See Traffic Control Plan.
- **B. Guardrail System.** See Section 719.05.
- **C. Delineators for Guardrail.** See the Standard Drawing RBR-055-01.
- **D. Extra Length Posts.** Accept payment at the Contract unit price as full compensation for all materials, labor, equipment, and incidentals for furnishing and installing the Extra Length Posts as shown on the drawings and/or as directed by the Engineer.
- **E. Cribbing.** Accept payment at the Contract unit price as full compensation for all materials, labor, equipment, and incidentals for furnishing and installing Cribbing and Geotextile Fabric on the Extra Length Guardrail Posts.
- F. Dense Graded Aggregate. See Section 302.05.

BELL COUNTY 007GR25P068-FD04 Contract ID: 252286 Page 23 of 61

# SPECIAL NOTE FOR TYPICAL SECTION DIMENSIONS

Consider the dimensions shown on the typical sections for pavement and shoulder widths and thickness' to be nominal or typical dimensions. The Engineer may direct or approve varying the actual dimensions to be constructed to fit existing conditions. Do not widen existing pavement or shoulders unless specified elsewhere in this proposal or directed by the engineer.

1-3725 Typical Section Dimensions 01/02/2012

#### TRAFFIC CONTROL PLAN

#### TRAFFIC CONTROL GENERAL

Except as specified herein, maintain and control traffic in accordance with the 2019 Standard and Supplemental Specifications, Special provisions and Special Notes, and the 2020 Standard and Sepia Drawings, current editions. Except for the roadway and traffic control bid items listed, furnish all other items necessary to maintain and control traffic incidental to the Contract lump sum price Maintain and Control Traffic.

Contrary to Section 106.01, furnish new, or used in like new condition, traffic control devices, at the beginning of the work and maintain the devices in like new condition until completion of the work.

# PROJECT PHASING & CONSTRUCTION PROCEDURES

At the discretion of the Engineer, the Department may specify days and hours when lane closures will not be allowed. Prior to beginning work, provide a proposed lane closure and work schedule for the approval of the Engineer. The Department will provide public notification. Notify the Engineer immediately and obtain prior approval of any proposed deviations from the approved schedule.

Maintain alternating one-way traffic during construction. Unless directed otherwise by the Engineer, provide a minimum clear lane width of nine (9) feet; however, provide for passage of vehicles of up to sixteen (16) feet in width. If traffic should be stopped due to construction operations, and a school bus on an official run arrives on the scene, immediately make provisions for the passage of the bus.

#### LANE & SHOULDER CLOSURES

Do not leave lane closures in place during non-working hours. Do not store materials or equipment on shoulders during non-working hours. Protect partially completed guard rail system with a shoulder closure during non-working hours.

#### CHANGEABLE MESSAGE SIGNS

If deemed necessary by the Engineer, the Department will furnish, operate, and maintain Changeable Message Signs.

BELL COUNTY 007GR25P068-FD04 Contract ID: 252286 Page 25 of 61

Traffic Control Plan Page 2 of 2

### **SIGNS**

Sign posts and splices shall be compliant with NCHRP 350 or MASH. Manufacturer's documentation validating this compliance shall be provided to the Engineer prior to installation. Signs, including any splices, shall be installed according to manufacturer's specifications and installation recommendations. Contrary to section 112.04.02, only long-term signs (signs intended to be continuously in place for more than 3 days) will be measured for payment. Short-term signs (signs intended to be left in place for 3 days or less) will not be measured for payment but will be incidental to Maintain and Control Traffic.

# **BARRICADES**

The Department will not measure Barricades used in lieu of barrels and cones for channelization or delineation, but shall be incidental to Maintain and Control Traffic according to Section 112.04.01.

# PAVEMENT EDGE DROP-OFFS

Treat pavement edges that traffic is not expected to cross, except accidentally, as follows:

Less than 2" – No protection required.

2" to 4" – Place plastic drums, vertical panels, or barricades every 50 feet. The Engineer will allow cones in lieu of plastic drums, panels, and barricades during daylight working hours only. Wedge drop-offs within 10 feet of traffic with DGA as directed or approved by the Engineer with a 1:1 or flatter slope in daylight working hours, or 3:1 or flatter slope during nighttime hours or when work is not active in the drop-off area.

Pedestrians and Bicyclists – Protect Pedestrians and Bicyclists as directed by the Engineer.

#### SPECIAL NOTE FOR EROSION CONTROL

### I. DESCRIPTION

Perform all erosion and water pollution control work in accordance with the Department's Standard and Interim Supplemental Specifications, Special Provisions and Special Notes, and Standard and Sepia Drawings, current editions, and as directed by the Engineer. Section references are to the Standard Specifications. This work shall consist of:

(1) Developing and preparing a Best Management Practices Plan (BMP) tailored to suit the specific construction phasing for each site within the project; (2) Preparing the project site for construction, including locating, furnishing, installing, and maintaining temporary and/or permanent erosion and water pollution control measures as required by the BMP prior to beginning any earth disturbing activity on the project site; (3) Clearing and grubbing and removal of all obstructions as required for construction; (4) Removing all erosion control devices when no longer needed; (5) Restoring all disturbed areas as nearly as possible to their original condition; (6) Preparing seedbeds and permanently seeding all disturbed areas; (7) Providing a Kentucky Erosion Prevention and Sediment Control Program (KEPSC) qualified inspector; and (8) Performing any other work to prevent erosion and/or water pollution as specified by this contract, required by the BMP, or as directed by the Engineer.

#### II. MATERIALS

Furnish materials in accordance with these notes, the Standard Specifications and Interim Supplemental Specifications, and applicable Special Provisions and Special Notes, and Standard and Sepia Drawings, current editions. Provide for all materials to be sampled and tested in accordance with the Department's Sampling Manual. Unless directed otherwise by the Engineer, make the materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing.

# III. CONSTRUCTION

Be advised, these Erosion Control Plan Notes do not constitute a BMP plan for the project. Jointly with the Engineer, prepare a site specific BMP plan for each drainage area within the project in accordance with Section 213. Provide a unique BMP at each project site using good engineering practices taking into account existing site conditions, the type of work to be performed, and the construction phasing, methods and techniques to be utilized to complete the work. Be responsible for all erosion prevention, sediment control, and water pollution prevention measures required by the BMP for each site. Represent and warrant compliance with the Clean Water Act (33 USC Section 1251 et seq.), the 404 Permit, the 401 Water Quality Certification, and applicable state and

Erosion Control Page 2 of 3

local government agency laws, regulations, rules, specifications, and permits. Contrary to Section 105.05, in case of discrepancy between theses notes, the Standard Specifications, Interim Supplemental Specifications, Special and Special Notes, Standard and Sepia Drawings, and such state and local government agency requirements, adhere to the most restrictive requirement.

Conduct operations in such a manner as to minimize the amount of disturbed ground during each phase of the construction and limit the haul roads to the minimum required to perform the work. Preserve existing vegetation not required to be removed by the work or the contract. Seed and/or mulch disturbed areas at the earliest opportunity. Use silt fence, silt traps, temporary ditches, brush barriers, erosion control blankets, sodding, channel lining, and other erosion control measures in a timely manner as required by the BMP and as directed or approved by the Engineer. Prevent sediment laden water from leaving the project, entering an existing drainage structure, or entering a stream.

Provide for erosion control measures to be in place and functioning prior to any earth disturbance within a drainage area. Compute the volume and size of silt control devices necessary to control sediment during each phase of construction. Remove sediment from silt traps before they become a maximum of ½ full. Maintain silt fence by removing accumulated trappings and/or replacing the geotextile fabric when it becomes clogged, damaged, or deteriorated, or when directed by the Engineer. Properly dispose of all materials trapped by erosion control devices at approved sites off the right of way obtained by the Contractor at no additional cost to the Department (See Special Note for Waste and Borrow).

As work progresses, add or remove erosion control measures as required by the BMP applicable to the Contractor's project phasing and construction methods and techniques. Update the volume calculations and modify the BMP as necessary throughout the duration of the project. Ensure that an updated BMP is kept on site and available for public inspection throughout the life of the project.

After all construction is complete, restore all disturbed areas in accordance with Section 212. Completely remove all temporary erosion control devices not required as part of the permanent erosion control from the construction site. Prior to removal, obtain the Engineer's concurrence of items to be removed. Grade the remaining exposed earth (both on and off the Right of-Way) as nearly as possible to its original condition, or as directed by the Engineer. Prepare the seed bed areas and sow all exposed earthen areas with the applicable seed mixture(s) according to Section 212.03.03.

Erosion Control Page 3 of 3

### IV. MEASUREMENT

**Erosion Control Blanket.** If required by the BMP, the Department will measure Erosion Control Blanket according to Section 212.04.07.

**Sodding.** If required by the BMP, the Department will measure Sodding according to Section 212.04.08.

**Channel Lining.** If required by the BMP, the Department will measure Channel Lining according to Sections 703.04.04-703.04.07.

Erosion Control. Contrary to Sections 212.04, 213.04, and 703.04 other than Erosion Control Blankets, Sodding, and Channel Lining, the Department will not measure Erosion Control or developing, updating, and maintaining a BMP plan for each site; providing a KEPSC qualified inspector; locating, furnishing, installing, inspecting, maintaining, and removing erosion and water pollution control items; Roadway Excavation, Borrow Excavation, Embankment In Place, Topsoil Furnished and Placed, and Spreading Stockpiled Topsoil; Topdressing Fertilizer, Temporary and Permanent Seeding and Protection, Special Seeding Crown Vetch, and Temporary Mulch; Sedimentation Basin and Clean Sedimentation Basin, Silt Trap Type "A" and Clean Silt Trap Type "B" and Clean Silt Trap Type "B"; Silt Trap Type "C" and Clean Silt Trap Type "C"; Temporary Silt Fence and Clean Temporary Silt Fence; Plants, Vines, Shrubs, and Trees; Gabion and Dumped Stone Deflectors and Riffle Structures; Boulders; Temporary Ditches and clean Temporary Ditches; Geotextile Fabric, and all other erosion and water pollution control items required by the BMP or the Engineer, but shall be incidental to Guardrail-Steel W Beam-Single Face.

# V. Basis of Payment

**Erosion Control Blanket.** If not listed as a bid item, but required by the BMP, the Department will pay for Erosion Control Blankets as Extra Work according to Sections 104.03 and 109.04.

**Sodding.** If not listed as a bid item, but required by the BMP, the Department will pay for Sodding as Extra Work according to Sections 104.03 and 109.04.

**Channel Lining.** If not listed as a bid item, but required by the BMP, the Department will pay for Channel Lining as Extra Work according to Sections 104.03 and 109.04.

#### Contract ID: 252286 Page 33 of 61

# **MATERIAL SUMMARY**

CONTRACT ID: 252286	007GR25P068-FD04	MP00700662502
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PINEVILLE - ONEIDA ROAD (KY 66) FROM 0.057 MILES SOUTH OF ERIC MILLER ROAD EXTENDING NORTH TO 0.115 MILES SOUTH OF L B EVANS ROAD GUARDRAIL, A DISTANCE OF .23 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00001	DGA BASE	654.00	TON
0010	02360	GUARDRAIL TERMINAL SECTION NO 1	3.00	EACH
0015	02367	GUARDRAIL END TREATMENT TYPE 1	2.00	EACH
0020	02371	GUARDRAIL END TREATMENT TYPE 7	1.00	EACH
0025	02399	EXTRA LENGTH GUARDRAIL POST - (9 FOOT LENGTH)	657.00	EACH
0030	02562	TEMPORARY SIGNS	150.00	SQFT
0035	02650	MAINTAIN & CONTROL TRAFFIC - (KY 66)	1.00	LS
0040	03236	CRIBBING	5,887.50	SQFT
0045	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	1,962.50	LF
0050	26248EC	ELECTRONIC DELIVERY MGMT SYSTEM - AGG - (KY 66)	1.00	LS
0055	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 252286 007GR25P068-FD04 MP00700922501

PINEVILLE - WILLIAMSBURG ROAD (KY 92) FROM 0.004 MILES WEST OF KY 225 EXTENDING EAST TO 0.090 MILES WEST OF INGRAM BRANCH GUARDRAIL, A DISTANCE OF 1.68 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0105	00001	DGA BASE	390.00	TON
0110	02360	GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH
0115	02367	GUARDRAIL END TREATMENT TYPE 1	8.00	EACH
0120	02371	GUARDRAIL END TREATMENT TYPE 7	1.00	EACH
0125	02373	GUARDRAIL END TREATMENT TYPE 3	1.00	EACH
0130	02399	EXTRA LENGTH GUARDRAIL POST - (9 FOOT LENGTH)	269.00	EACH
0135	02562	TEMPORARY SIGNS	200.00	SQFT
0140	02650	MAINTAIN & CONTROL TRAFFIC - (KY 92)	1.00	LS
0145	03236	CRIBBING	2,400.00	SQFT
0150	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	4,637.50	LF
0155	24382EC	G/R STEEL W BM-S FACE-7 FT POST (NESTED)	25.00	LF
0160	02569	DEMOBILIZATION	1.00	LS

#### Contract ID: 252286 Page 34 of 61

# **MATERIAL SUMMARY**

CONTRACT ID: 252286 007GR25P068-FD04	MP00701902502
ONTRACT ID: 252286 007GR25P068-FD04	MP00701902502

PINEVILLE-FRAKES ROAD (KY 190) FROM 0.218 MILES EAST OF KY 3483 EXTENDING EAST TO 0.176 MILES EAST OF OLD SHENOA ROAD GUARDRAIL, A DISTANCE OF 5.01 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0165	00001	DGA BASE	130.00	TON
0170	02360	GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH
0175	02367	GUARDRAIL END TREATMENT TYPE 1	1.00	EACH
0180	02371	GUARDRAIL END TREATMENT TYPE 7	1.00	EACH
0185	02373	GUARDRAIL END TREATMENT TYPE 3	2.00	EACH
0190	02399	EXTRA LENGTH GUARDRAIL POST - (9 FOOT LENGTH)	135.00	EACH
0195	02562	TEMPORARY SIGNS	300.00	SQFT
0200	02650	MAINTAIN & CONTROL TRAFFIC - (KY 190)	1.00	LS
0205	03236	CRIBBING	1,200.00	SQFT
0210	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	2,187.50	LF
0215	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 252286 007GR25P068-FD04 MP00714912501

CURVY ROAD (KY 1491) FROM 0.196 MILES NORTH OF FUSON TOAD EXTENDING NORTH TO 0.014 MILES SOUTH OF MOORE HALL ROADL B EVANS ROAD GUARDRAIL, A DISTANCE OF .14 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0060	00001	DGA BASE	105.00	TON
0065	02360	GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH
0070	02367	GUARDRAIL END TREATMENT TYPE 1	1.00	EACH
0075	02399	EXTRA LENGTH GUARDRAIL POST - (9 FOOT LENGTH)	105.00	EACH
0800	02562	TEMPORARY SIGNS	150.00	SQFT
0085	02650	MAINTAIN & CONTROL TRAFFIC - (KY 1491)	1.00	LS
0090	03236	CRIBBING	975.00	SQFT
0095	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	750.00	LF
0100	02569	DEMOBILIZATION	1.00	LS

# GUARDRAIL SUMMARY KY 66

		Z	<b>NEW GUARDRAIL</b>	DRAIL				REI	REMOVE GUARDRAIL	RDRAIL	
LANE	END TREAT.	BEGIN MILEPOINT	END MILEPOINT	END TREAT. LIN FEET	LIN FEET	REMARKS	LANE	BEGIN MILEPOINT	END MILEPOINT	LIN FEET	REMARKS
South Bound	Radius & term sect 1	6.802	0:6:9	Type 1	687.5						
Right	Type 7	6.951	7.036	Radius & Term Sect 1	450.0						
Right	Radius & term sect 1	9:0.7	7.192	Type 1	825.0						
				Totals =	1,962.5				Totals =	0.0	

Type 1
Type 2A
Type 3
Type 4
Type 7
Type 7

# GUARDRAIL SUMMARY KY 92

		Ž	NEW GUARDRAIL	DRAIL				RE	REMOVE GUARDRAIL	ARDRAIL	
LANE	END TREAT.	BEGIN MILEPOINT	END MILEPOINT	END TREAT.	LIN FEET	REMARKS	LANE	BEGIN MILEPOINT	END MILEPOINT	LIN FEET	REMARKS
West Bound	Type 7	3.590	3.668	Type 1	412.5						
West Bound	Radius & Term Sect 1	3.674	3.931	Type 1	1,362.5						
West Bound	Type 1	4.701	4.920	Type 1	1,162.5						
East Bound	Radius & Term Sect 1	4.861	4.914	Type 3	287.5						
West Bound	Type 1	4.944	5.050	Type 1	562.5						
West Bound	Type 1	5.109	5.269	Type 1	850.0						
				Totals =	4,637.5				Totals =	0.0	
Type 1		∞									
Type 2A		0									
Type 3		_									
Type 4		0									
Type 7		~									
Terminal §	Terminal Sect No. 1	7									

# GUARDRAIL SUMMARY KY 190

		Z	NEW GUARDRAII	DRAIL				RE	REMOVE GUARDRAIL	ARDRAIL	
LANE	END TREAT.	BEGIN MILEPOINT	END MILEPOINT	END TREAT. LIN FEET	LIN FEET	REMARKS	LANE	BEGIN MILEPOINT	END MILEPOINT	LIN FEET	REMARKS
East Bound	Type 3	4.316	4.417	Type 1	537.5						
East Bound	Type 7	4.417	4.517	Radius & Term Sect 1	537.5						
East Bound	Radius & Term Sect 1	9.147	9.187	Type 3	212.5						
West Bound	Radius & Term Sect 1	9.161	9.330	Type 1	0.006						
				Totals =	2,187.5				Totals =	0.0	
Type 1		7									
Type 2A		0									
Type 3		7									
Type 4		0									
Type 7		_									

Terminal Sect No. 1

# GUARDRAIL SUMMARY KY 1491

			ı
	REMARKS		
ARDRAIL	LIN FEET		0.0
REMOVE GUARDRAIL	BEGIN END LIN FEET MILEPOINT		Totals =
	BEGIN MILEPOINT		
	LANE		
	REMARKS		
	LIN FEET	750.0	750.0
RDRAIL	END TREAT. LIN FEET	Radius & Term Sect 1	Totals =
<b>NEW GUARDRAIL</b>	END BEGIN END TREAT. MILEPOINT	0.618	
Z	BEGIN MILEPOINT	0.476	
	END TREAT.	Type 1	
	LANE	South Bound	

Terminal Sect No. 1

Type 1
Type 2A
Type 3
Type 4
Type 7

## SUMMARY CRIBBING KY 92

BEGIN MP	END MP	LENGTH (FT)	CRIBBING (SQ FT)	EXTRA LENGTH 9 FOOT POST (EA)	DGA (TONS)
4.852	4.900	262.5	787.5	89	125
5.118	5.219	537.5	1,612.5	180	265
ТОТ	ALS	800.0	2,400.0	269	390

# 2-ply Guardrail Locations at Utility Poles

MP	Length
3.745	25

## SUMMARY CRIBBING KY 66

BEGIN MP	END MP	LENGTH (FT)	CRIBBING (SQ FT)	EXTRA LENGTH G-RAIL POST(EA)	DGA(TONS)
6.802	6.930	687.5	2,062.5	230	229
6.951	7.036	450.0	1,350.0	151	150
7.036	7.192	825.0	2,475.0	276	275
ТОТ	ALS	1,962.5	5,887.5	657	654

# 2-ply Guardrail Locations at Utility Poles

MP	Length
0	0

BELL COUNTY 007GR25P068-FD04

## SUMMARY CRIBBING KY 190

BEGIN MP	END MP	LENGTH (FT)	CRIBBING (SQ FT)	EXTRA LENGTH 9 FOOT POST (EA)	DGA (TONS)
4.426	4.448	125.0	375.0	43	40
4.465	4.517	275.0	825.0	93	90
9.186	9.235	262.5	787.5	89	85
9.314	9.330	87.5	262.5	30	30
ТОТ	ALS	400.0	1,200.0	135	130

# 2-ply Guardrail Locations at Utility Poles

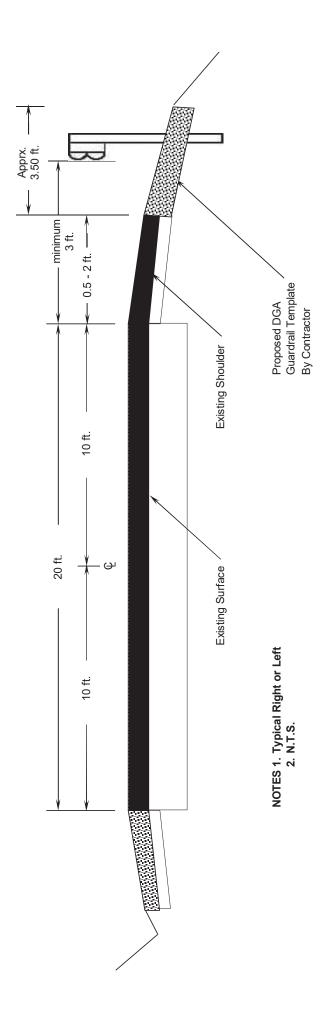
MP	Length
0	0

BELL COUNTY 007GR25P068-FD04 Contract ID: 252286 Page 42 of 61

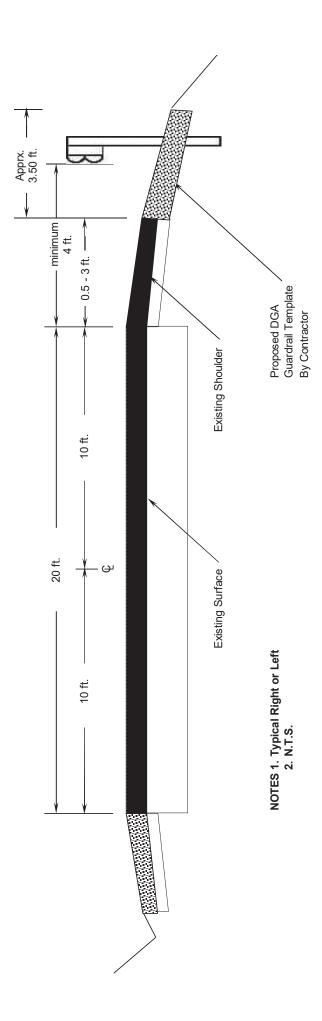
## SUMMARY CRIBBING KY 1491

BEGIN MP	END MP	LENGTH (FT)	CRIBBING (SQ FT)	EXTRA LENGTH 9 FOOT POST (EA)	DGA (TONS)
0.520	0.580	325.0	975.0	105	105
тот	ALS	325.0	975.0	105	105

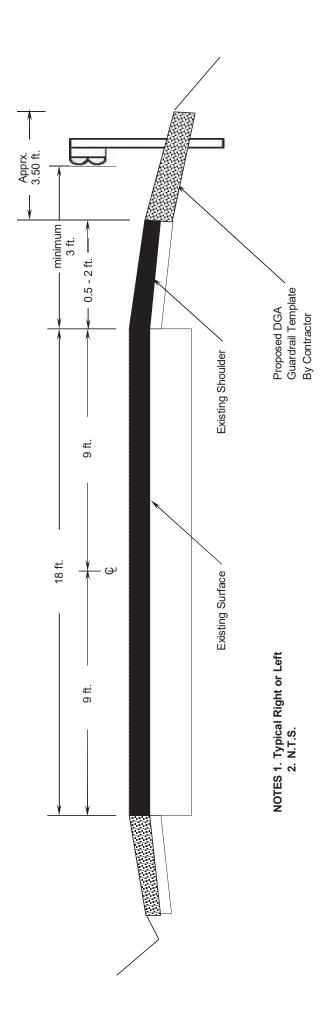
TYPICAL SECTION KY 66



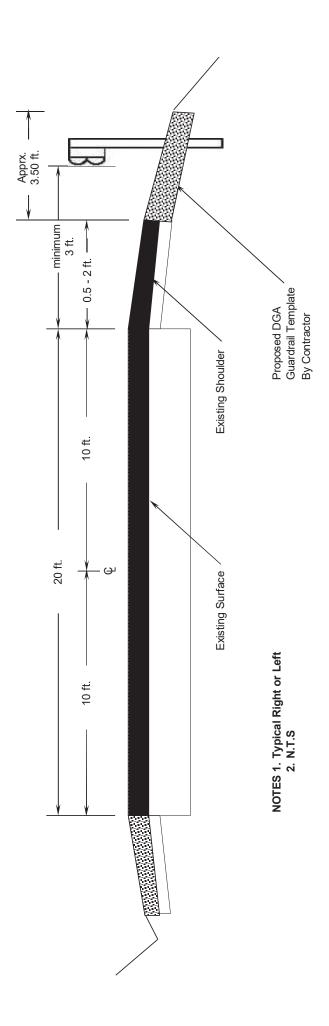
TYPICAL SECTION KY 92

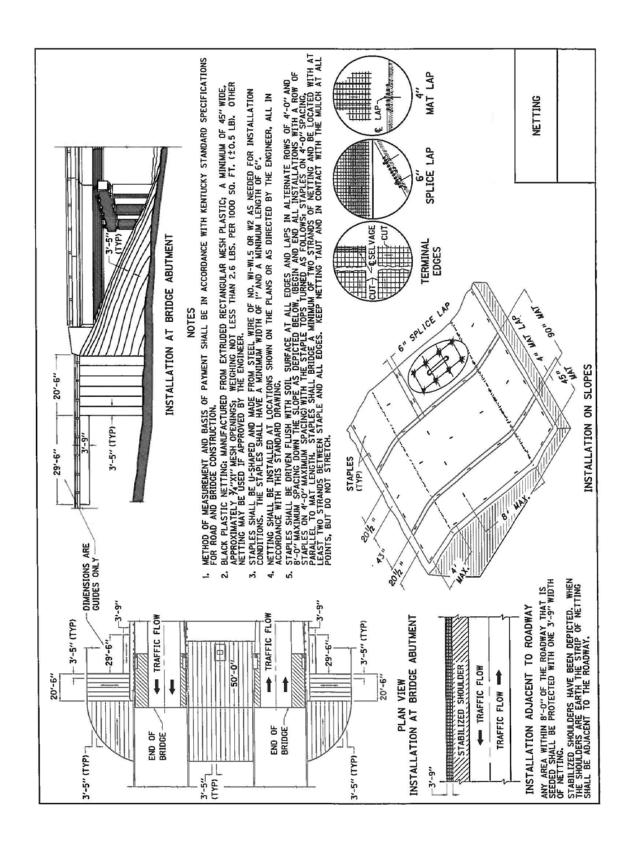


TYPICAL SECTION KY 190

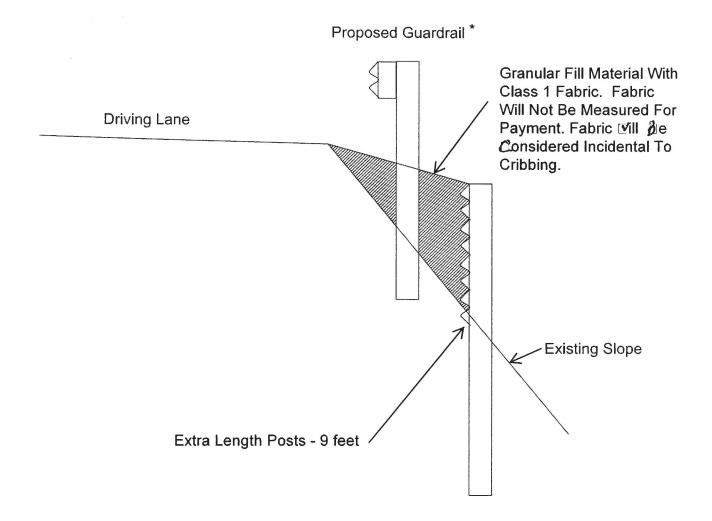


TYPICAL SECTION KY 1491





# Cribbing Detail



\* MIN. 2 FT FACE OFFSET FROM EOP

# PART II

## SPECIFICATIONS AND STANDARD DRAWINGS

#### **STANDARD SPECIFICATIONS**

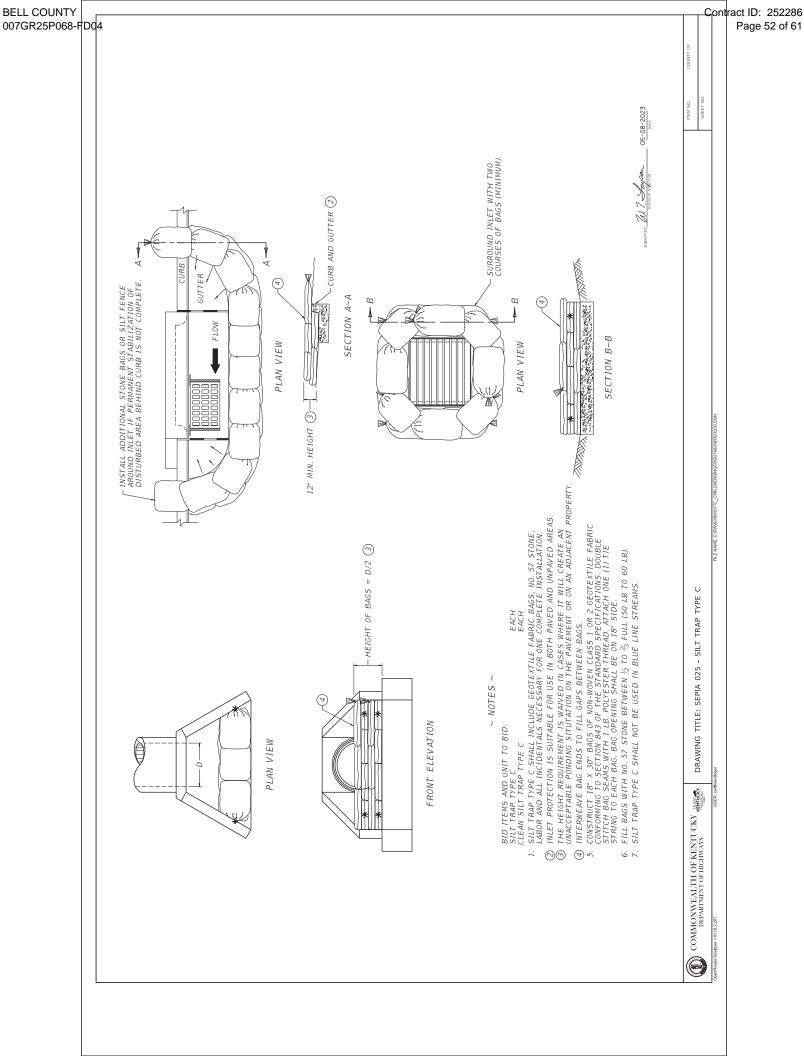
Any reference in the plans or proposal to previous editions of the Standard Specifications for Road and Bridge Construction and Standard Drawings are superseded by Standard Specifications for Road and Bridge Construction, Edition of 2019 and Standard Drawings, Edition of 2020.

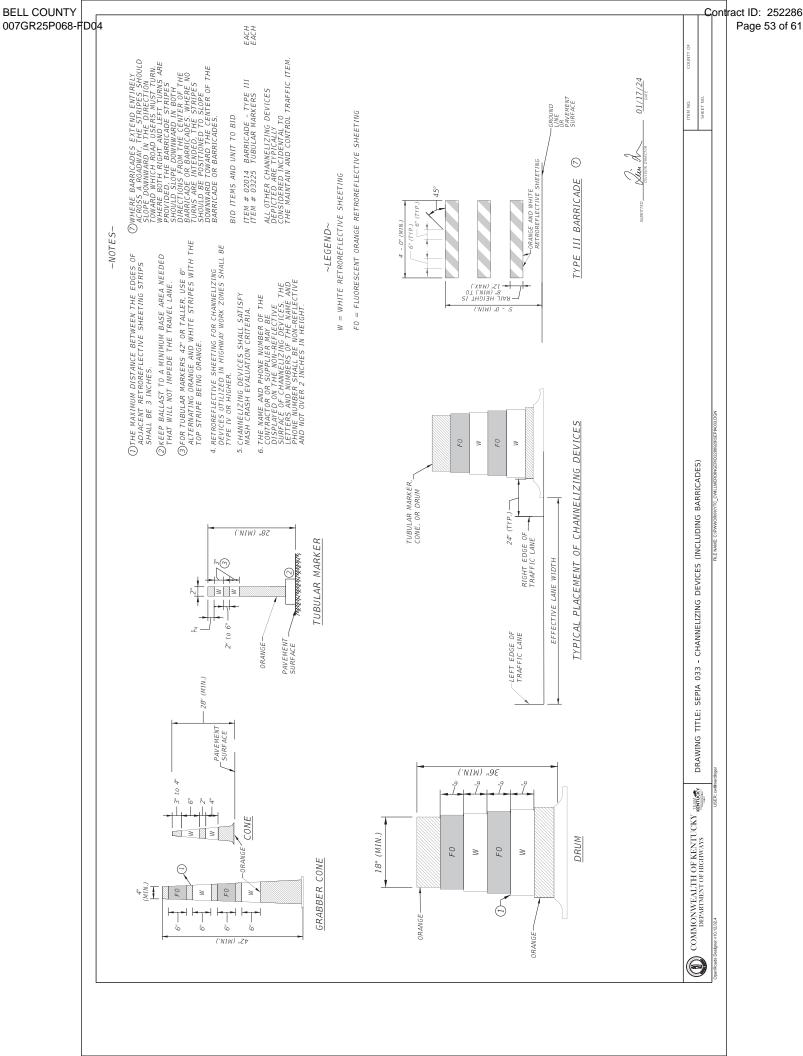
#### **SUPPLEMENTAL SPECIFICATIONS**

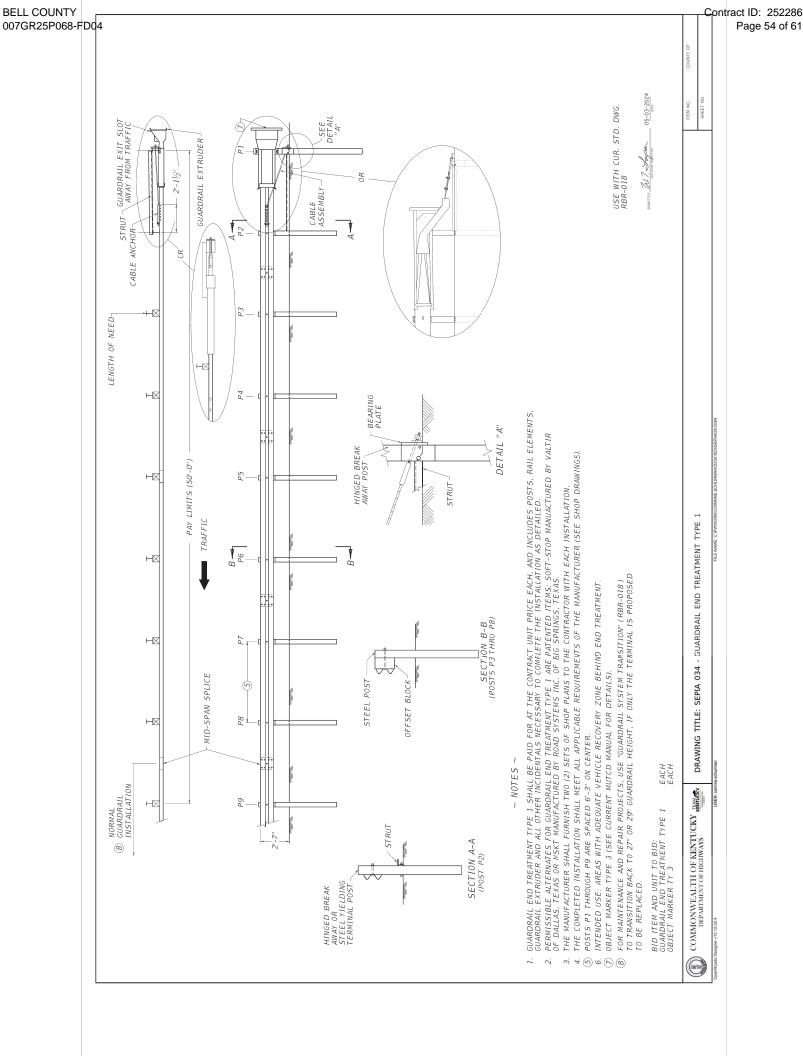
The contractor shall use the Supplemental Specifications that are effective at the time of letting. The Supplemental Specifications can be found at the following link: <a href="http://transportation.ky.gov/Construction/Pages/Kentucky-Standard-Specifications.aspx">http://transportation.ky.gov/Construction/Pages/Kentucky-Standard-Specifications.aspx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

# 2020 KENTUCKY STANDARD DRAWINGS

TYPICAL GUARDRAIL INSTALLATIONS	
TYPICAL GUARDRAIL INSTALLATIONS	RBI-002-07
INSTALLATION OF GUARDRAIL END TREATMENT 1	RBI-004-06
STEEL BEAM GUARDRAIL ("W"-BEAM)	RBR-001-13
GUARDRAIL COMPONENTS	RBR-005-11
GUARDRAIL TERMINAL SECTIONS	
STEEL GUARDRAIL POSTS	
GUARDRAIL END TREATMENT TYPE 1	
GUARDRAIL END TREATMENT TYPE 3	
GUARDRAIL END TREATMENT TYPE 3 ALTERNATE ANCHOR	
GUARDRAIL END TREATMENT TYPE 7	
GUARDRAIL END TREATMENT TYPE 7 ALTERNATE ANCHOR	
DELINEATORS FOR GUARDRAIL	RBR-055-01
TEMPORARY SILT FENCE	RDX-210-03
TEMPORARY SILT FENCE WITH WOVEN WIRE FENCE FABRIC	RDX-215-01
SILT TRAP - TYPE A	RDX-220-05
SILT TRAP - TYPE B	RDX-225-01
SILT TRAP - TYPE C	SEPIA 025
CURVE WIDENING AND SUPERELEVATION TRANSITIONS	RGS-001-07
MISCELLANEOUS STANDARDS	RGX-001-06
LANE CLOSURE TWO-LANE HIGHWAY	
SHOULDER CLOSURE	
PAVEMENT CONDITION WARNING SIGNS	TTD-125-06
CHANNELIZING DEVICES (INCLUDING BARRICADES)	SEPIA 033







## **PART III**

# EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

BELL COUNTY 007GR25P068-FD04

#### Contract ID: 252286 Page 56 of 61

# TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

# LABOR AND WAGE REQUIREMENTS APPLICABLE TO OTHER THAN FEDERAL-AID SYSTEM PROJECTS

- I. Application
- II. Nondiscrimination of Employees (KRS 344)

#### I. APPLICATION

- 1. These contract provisions shall apply to all work performed on the contract by the contractor with his own organization and with the assistance of workmen under his immediate superintendence and to all work performed on the contract by piecework, station work or by subcontract. The contractor's organization shall be construed to include only workmen employed and paid directly by the contractor and equipment owned or rented by him, with or without operators.
- 2. The contractor shall insert in each of his subcontracts all of the stipulations contained in these Required Provisions and such other stipulations as may be required.
- 3. A breach of any of the stipulations contained in these Required Provisions may be grounds for termination of the contract.

#### II. NONDISCRIMINATION OF EMPLOYEES

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 administrating agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

Revised: January 25, 2017

#### Contract ID: 252286 Page 57 of 61

#### **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

#### **Kentucky Equal Employment Opportunity Act of 1978**

The requirements of the Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) shall apply to this Contract. The apparent low Bidder will be required to submit EEO forms to the Division of Construction Procurement, which will then forward to the Finance and Administration Cabinet for review and approval. No award will become effective until all forms are submitted and EEO/CC has certified compliance. The required EEO forms are as follows:

- EEO-1: Employer Information Report
- Affidavit of Intent to Comply
- Employee Data Sheet
- Subcontractor Report

These forms are available on the Finance and Administration's web page under *Vendor Information*, *Standard Attachments and General Terms* at the following address: <a href="https://www.eProcurement.ky.gov">https://www.eProcurement.ky.gov</a>.

Bidders currently certified as being in compliance by the Finance and Administration Cabinet may submit a copy of their approval letter in lieu of the referenced EEO forms.

For questions or assistance please contact the Finance and Administration Cabinet by email at **finance.contractcompliance@ky.gov** or by phone at 502-564-2874.

EMPLOYEE RIGHTS
UNDER THE FAIR LABOR STANDARDS ACT

THE UNITED STATES DEPARTMENT OF LABOR WAGE AND HOUR DIVISION

# FEDERAL MINIMUM WAGE

**\$7.25** 

PER HOUR

**BEGINNING JULY 24, 2009** 

#### **OVERTIME PAY**

At least  $1\frac{1}{2}$  times your regular rate of pay for all hours worked over 40 in a workweek.

#### **CHILD LABOR**

An employee must be at least **16** years old to work in most non-farm jobs and at least **18** to work in non-farm jobs declared hazardous by the Secretary of Labor.

Youths **14** and **15** years old may work outside school hours in various non-manufacturing, non-mining, non-hazardous jobs under the following conditions:

#### No more than

- 3 hours on a school day or 18 hours in a school week;
- 8 hours on a non-school day or 40 hours in a non-school week.

Also, work may not begin before **7 a.m.** or end after **7 p.m.**, except from June 1 through Labor Day, when evening hours are extended to **9 p.m.** Different rules apply in agricultural employment.

#### **TIP CREDIT**

Employers of "tipped employees" must pay a cash wage of at least \$2.13 per hour if they claim a tip credit against their minimum wage obligation. If an employee's tips combined with the employer's cash wage of at least \$2.13 per hour do not equal the minimum hourly wage, the employer must make up the difference. Certain other conditions must also be met.

#### **ENFORCEMENT**

The Department of Labor may recover back wages either administratively or through court action, for the employees that have been underpaid in violation of the law. Violations may result in civil or criminal action.

Employers may be assessed civil money penalties of up to \$1,100 for each willful or repeated violation of the minimum wage or overtime pay provisions of the law and up to \$11,000 for each employee who is the subject of a violation of the Act's child labor provisions. In addition, a civil money penalty of up to \$50,000 may be assessed for each child labor violation that causes the death or serious injury of any minor employee, and such assessments may be doubled, up to \$100,000, when the violations are determined to be willful or repeated. The law also prohibits discriminating against or discharging workers who file a complaint or participate in any proceeding under the Act.

# ADDITIONAL INFORMATION

- Certain occupations and establishments are exempt from the minimum wage and/or overtime pay provisions.
- Special provisions apply to workers in American Samoa and the Commonwealth of the Northern Mariana Islands.
- Some state laws provide greater employee protections; employers must comply with both.
- The law requires employers to display this poster where employees can readily see it.
- Employees under 20 years of age may be paid \$4.25 per hour during their first 90 consecutive calendar days of employment with an employer.
- Certain full-time students, student learners, apprentices, and workers with disabilities may be paid less than the minimum wage under special certificates issued by the Department of Labor.



Contract ID: 252286

Page 59 of 61

## **PART IV**

## **BID ITEMS**

252286

#### **PROPOSAL BID ITEMS**

Contract ID: 252286

Report Date 6/18/25

252286

Section: 0001 - GUARDRAIL

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	<b>UNIT PRIC</b>	FP	AMOUNT
		ELECTRONIC DELIVERY MGMT SYSTEM - AGG					
0010	26248EC	(KY 66)	1.00	LS		\$	
0020	00001	DGA BASE	1,279.00	TON		\$	
0030	02360	<b>GUARDRAIL TERMINAL SECTION NO 1</b>	8.00	EACH		\$	
0040	02367	<b>GUARDRAIL END TREATMENT TYPE 1</b>	12.00	EACH		\$	
0050	02371	<b>GUARDRAIL END TREATMENT TYPE 7</b>	3.00	EACH		\$	
0060	02373	<b>GUARDRAIL END TREATMENT TYPE 3</b>	3.00	EACH		\$	
0070	02399	EXTRA LENGTH GUARDRAIL POST (9 FOOT LENGTH)	1,166.00	EACH		\$	
0080	02562	TEMPORARY SIGNS	800.00	SQFT		\$	
0090	02650	MAINTAIN & CONTROL TRAFFIC (KY 1491)	1.00	LS		\$	
0100	02650	MAINTAIN & CONTROL TRAFFIC (KY 190)	1.00	LS		\$	
0110	02650	MAINTAIN & CONTROL TRAFFIC (KY 66)	1.00	LS		\$	
0120	02650	MAINTAIN & CONTROL TRAFFIC (KY 92)	1.00	LS		\$	
0130	03236	CRIBBING	10,462.50	SQFT		\$	
0140	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	9,537.50	LF		\$	
0150	24382EC	G/R STEEL W BM-S FACE-7 FT POST (NESTED)	25.00	LF		\$	

Section: 0002 - DEMOBILIZATION

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC FP AM	OUNT
0160	02569	DEMOBILIZATION	1.00	LS	\$	

Page 61 of 61

Page 1 of 1