



CALL NO. 401

CONTRACT ID. 232438

WHITLEY COUNTY

FED/STATE PROJECT NUMBER 118GR23P061-FD04

DESCRIPTION VARIOUS ROADS IN WHITLEY COUNTY

WORK TYPE GUARDRAIL

PRIMARY COMPLETION DATE 7/31/2024

LETTING DATE: October 26,2023

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME October 26,2023. 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 <ul style="list-style-type: none">• PROJECT(S), COMPLETION DATE(S), & LIQUIDATED DAMAGES• CONTRACT NOTES• STATE CONTRACT NOTES• DGA BASE• DGA BASE FOR SHOULDERS• INCIDENTAL SURFACING• SPECIAL NOTE(S) APPLICABLE TO PROJECT• WASTE AND BORROW SITES• 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)• GUARDRAIL ON BRIDGE CASE I |
| PART II | SPECIFICATIONS AND STANDARD DRAWINGS <ul style="list-style-type: none">• STANDARD AND SUPPLEMENTAL SPECIFICATIONS• 2020 STANDARD DRAWINGS THAT APPLY |
| PART III | EMPLOYMENT, WAGE AND RECORD REQUIREMENTS <ul style="list-style-type: none">• 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 | INSURANCE |
| PART V | BID ITEMS |

PART I
SCOPE OF WORK

ADMINISTRATIVE DISTRICT - 11

CONTRACT ID - 232438
118GR23P061-FD04
COUNTY - WHITLEY
PCN - MP11802042301
FD04 118 0204 002-003

RED BIRD ROAD (KY 204) (MP 2.720) FROM 1.335 MILES NORTH OF REVEREND BILL PERKINS ROAD
EXTENDING NORTH TO 0.671 MILES SOUTH OF BALLARD FORD WEST ROAD (MP 2.791), A DISTANCE OF 0.07
MILES.GUARDRAIL SYP NO. 11-4359.00.
GEOGRAPHIC COORDINATES LATITUDE 36:45:40.00 LONGITUDE 84:11:47.00
ADT 995

PCN - MP11807792301
FD04 118 0779 006-007

BROWNS CREEK ROAD (KY 779) (MP 6.359) FROM 396 FEET NORTH KY 1064 EXTENDING NORTH TO 808 FEET
SOUTH OF CRAIGS CHAPEL ROAD (MP 6.529), A DISTANCE OF 0.17 MILES.GUARDRAIL SYP NO. 11-4347.00.
GEOGRAPHIC COORDINATES LATITUDE 36:48:03.00 LONGITUDE 84:02:46.00
ADT 610

PCN - MP11807792302
FD04 118 0779 007-008

BROWNS CREEK ROAD (KY 779) (MP 7.679) FROM 1,288 FEET NORTH OF ROVENA SMITH ROAD EXTENDING
NORTH TO 345 FEET SOUTH OF BEAR BRANCH ROAD (MP 7.797), A DISTANCE OF 0.12 MILES.GUARDRAIL SYP
NO. 11-4340.00.
GEOGRAPHIC COORDINATES LATITUDE 36:47:43.00 LONGITUDE 84:01:32.00
ADT 760

PCN - MP11807792303
FD04 118 0779 008-009

BROWNS CREEK ROAD (KY 779) (MP 8.580) FROM 2,112 FEET NORTH OF MILLER HOLLOW ROAD EXTENDING
NORTH TO 1,800 FEET SOUTH OF BEAR BRANCH ROAD (MP 8.608), A DISTANCE OF 0.03 MILES.GUARDRAIL
SYP NO. 11-4348.00.
GEOGRAPHIC COORDINATES LATITUDE 36:47:26.60 LONGITUDE 84:00:44.56
ADT 760

PCN - MP11808362301
FD04 118 0836 000-002

CRIPPLE CREEK ROAD (KY 836) (MP 0.870) FROM 111 FEET NORTH OF CINDY LANE EXTENDING NORTH TO
697 FEET SOUTH OF ALEXANDER DRIVE (MP 1.280), A DISTANCE OF 0.41 MILES.GUARDRAIL SYP NO.
11-4341.00.
GEOGRAPHIC COORDINATES LATITUDE 36:49:08.00 LONGITUDE 84:10:17.00
ADT 625

PCN - MP11808562301
FD04 118 0856 000-001

OLD CORBIN PIKE (KY 856) (MP 0.004) FROM 20 FEET NORTH OF US 24W EXTENDING NORTH TO 480 FEET
SOUTH OF WOODLAWN DRIVE (MP 0.075), A DISTANCE OF 0.07 MILES.GUARDRAIL SYP NO. 11-4322.00.
GEOGRAPHIC COORDINATES LATITUDE 36:49:30.00 LONGITUDE 84:09:12.00
ADT 520

PCN - MP11808562302
FD04 118 0856 000-002

OLD CORBIN PIKE (KY 856) (MP 0.095) FROM 338 FEET NORTH OF KERNEY DRIVE EXTENDING NORTH TO
0.226 MILES NORTH OF MEADORS STREET (MP 1.432), A DISTANCE OF 01.34 MILES.GUARDRAIL SYP NO.
11-4364.00.
GEOGRAPHIC COORDINATES LATITUDE 36:44:55.00 LONGITUDE 84:09:03.00
ADT 360

PCN - MP11810642301
FD04 118 1064 006-007

WHETSTONE ROAD (KY 1064) (MP 6.480) FROM 0.065 MILES NORTH OF A POWERS ROAD EXTENDING NORTH TO REEVES ROAD (MP 6.563), A DISTANCE OF 0.08 MILES.GUARDRAIL SYP NO. 11-4311.00.
GEOGRAPHIC COORDINATES LATITUDE 36:45:59.00 LONGITUDE 84:02:29.00
ADT 400

PCN - MP11810642302
FD04 118 1064 010-011

MEADOW CREEK ROAD (KY 1064) (MP 10.287) FROM 345 FEET NORTH OF A POWERS ROAD EXTENDING NORTH TO 232 FEET SOUTH OF SPRINGTOWN ROAD (MP 10.826), A DISTANCE OF 0.54 MILES.GUARDRAIL SYP NO. 11-4335.00.
GEOGRAPHIC COORDINATES LATITUDE 36:49:01.00 LONGITUDE 84:02:32.00
ADT 400

PCN - MP11810642303
FD04 118 1064 013-014

MEADOW CREEK ROAD (KY 1064) (MP 13.090) FROM 4,276 FEET NORTH OF MOSLEY BRANCH ROAD EXTENDING NORTH TO 1.386 MILES SOUTH OF ELIOTT ROAD (MP 13.389), A DISTANCE OF 0.30 MILES.GUARDRAIL SYP NO. 11-4312.00.
GEOGRAPHIC COORDINATES LATITUDE 36:50:54.00 LONGITUDE 84:03:40.00
ADT 855

COMPLETION DATE(S):
COMPLETED BY 07/31/2024 SPECIFIED COMPLETION DATE - ALL ITEMS IN CONTRACT

CONTRACT NOTES

PROPOSAL ADDENDA

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

BID SUBMITTAL

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

JOINT VENTURE BIDDING

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

UNDERGROUND FACILITY DAMAGE PROTECTION

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

REGISTRATION WITH THE SECRETARY OF STATE BY A FOREIGN ENTITY

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

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

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

SPECIAL NOTE FOR PROJECT QUESTIONS DURING ADVERTISEMENT

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

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

The questions and answers will be posted for each Letting under the heading "Questions & Answers" on the Construction Procurement website (www.transportation.ky.gov/contract). The answers provided shall be considered part of this Special Note and, in case of a discrepancy, will govern over all other bidding documents.

HARDWOOD REMOVAL RESTRICTIONS

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

INSTRUCTIONS FOR EXCESS MATERIAL SITES AND BORROW SITES

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

ACCESS TO RECORDS

The contractor, as defined in KRS 45A.030 (9) agrees that the contracting agency, the Finance and Administration Cabinet, the Auditor of Public Accounts, and the Legislative Research Commission, or their duly authorized representatives, shall have access to any books, documents, papers, records, or other evidence, which are directly pertinent to this contract for the purpose of financial audit or program review. Records and other prequalification information confidentially

disclosed as part of the bid process shall not be deemed as directly pertinent to the contract and shall be exempt from disclosure as provided in KRS 61.878(1)(c). The contractor also recognizes that any books, documents, papers, records, or other evidence, received during a financial audit or program review shall be subject to the Kentucky Open Records Act, KRS 61.870 to 61.884.

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

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.

October 4, 2023

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

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

10/26/2023

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 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.

Finally, BABA permits the continuation of FHWA's current general applicability waivers for manufactured products, raw materials, and ferryboat parts, but these waivers are subject to reevaluation, specifically the general applicability waiver for manufactured products.

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 is 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.

[Buy America - Construction Program Guide - Contract Administration - Construction - Federal Highway Administration \(dot.gov\)](#)

October 26, 2023 Letting

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.

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

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.

INCIDENTAL SURFACING

The Department has included in the quantities of Dense Graded Aggregate (DGA) established in the proposal estimated quantities required for surfacing mailbox turnouts, farm field entrances, residential and commercial entrances, curve widening, ramp gores and tapers, and road and street approaches, as applicable. Surface these areas to the limits as shown on Standard Drawing RPM-110-07 or as directed by the Engineer. The Department will not measure placing and compacting DGA for separate payment but shall be incidental to the Contract unit price for the DGA.

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.

UTILITY IMPACT STATEMENT

Both overhead and underground utilities may exist within the right of way in the limits of some of the project sites. Avoid existing utilities work around in all activities on the project except as noted.

Identify and work closely with all utility entities to ensure no resulting damage from project activities. Perform all guardrail installation working around the current location of existing utilities. Make minor adjustments in the offsets in the face of rail, in order to avoid underground utilities with the approval of the Engineer. Occasional hand digging of posts or other means may be required at various locations to ensure no damage to existing utilities.

It is not anticipated that any utility facilities will need to be relocated and/or adjusted. Locate guardrail installations to avoid damage to any and all utilities.

SPECIAL PROVISION FOR WASTE AND BORROW SITES

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

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

COORDINATION OF WORK WITH OTHER CONTRACTS

Be advised, there may be 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, End Treatments, and Terminal Sections; (3) Delineators for guardrail; (4) 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, the Standard and Sepia Drawings, and the detail drawings, except use seven (7) steel posts only, no alternates. Furnish Extra Length Posts in nine (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 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.

G. Erosion Control. See Special Notes for Erosion Control.

III. CONSTRUCTION METHODS

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

B. Site Preparation. Be responsible for all site preparation, including but not limited to, clearing and grubbing, 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, the Standard and Sepia Drawings, the detail drawings, and/or as directed by the Engineer. 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 as shown on the drawings. 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 detail drawing and/or 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. See Utility Impact Statement.

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, and Terminal Sections, 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.

Guardrail
Page 4 of 4

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.

F. Dense Graded Aggregate. See Section 302.04.

G. 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 the Extra Length Guardrail 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.

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 on all routes except KY 856; provide a minimum clear lane width of eight (8) feet on KY 856; 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.

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 these 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 $\frac{1}{2}$ 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.

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 "A"; 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

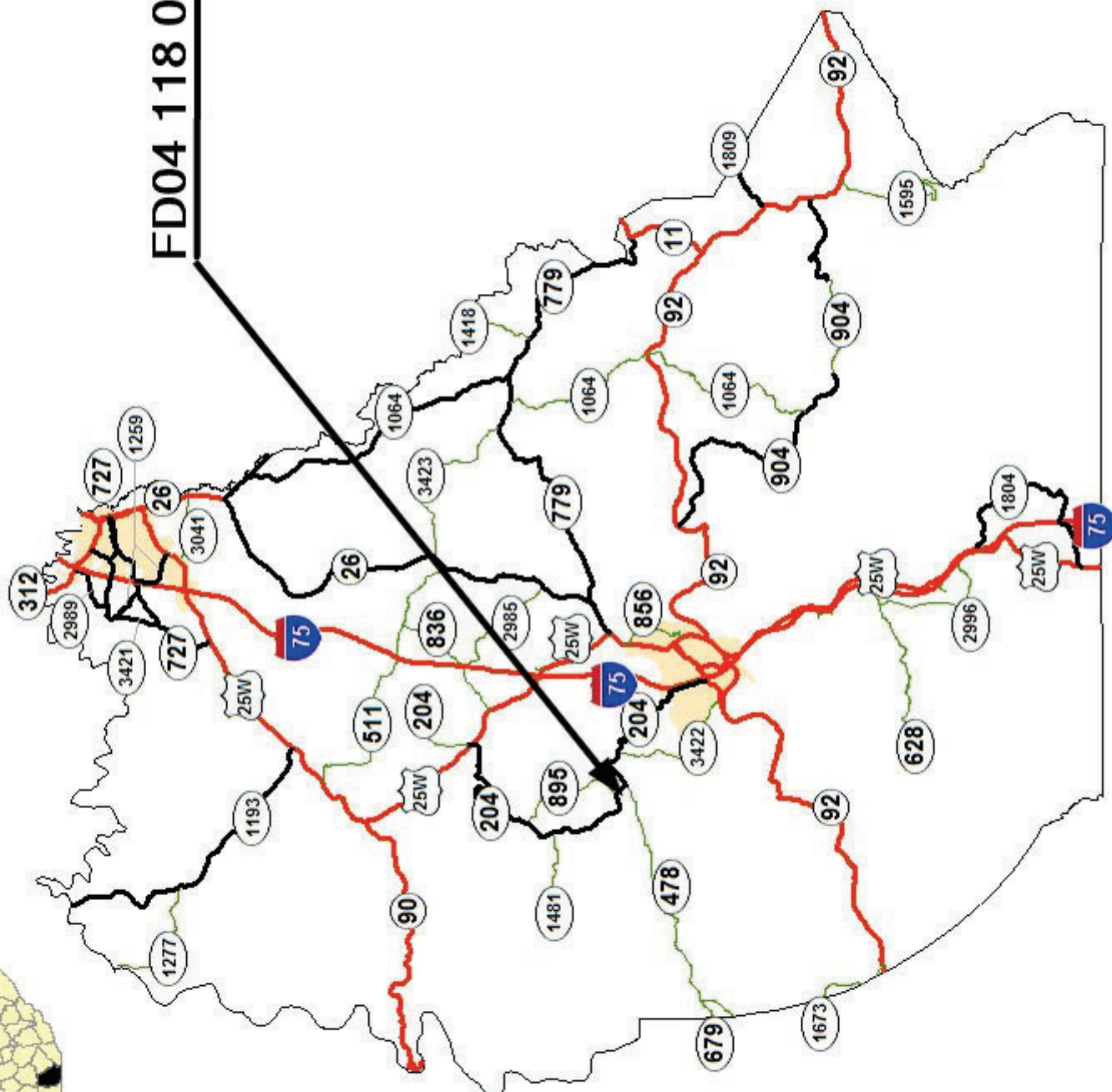
Erosion Control Blanket. If not listed as a bid item, but required by the BMP, the Department will pay for Erosion Control Blankets as Extra Work according to Sections 104.03 and 109.04.

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.

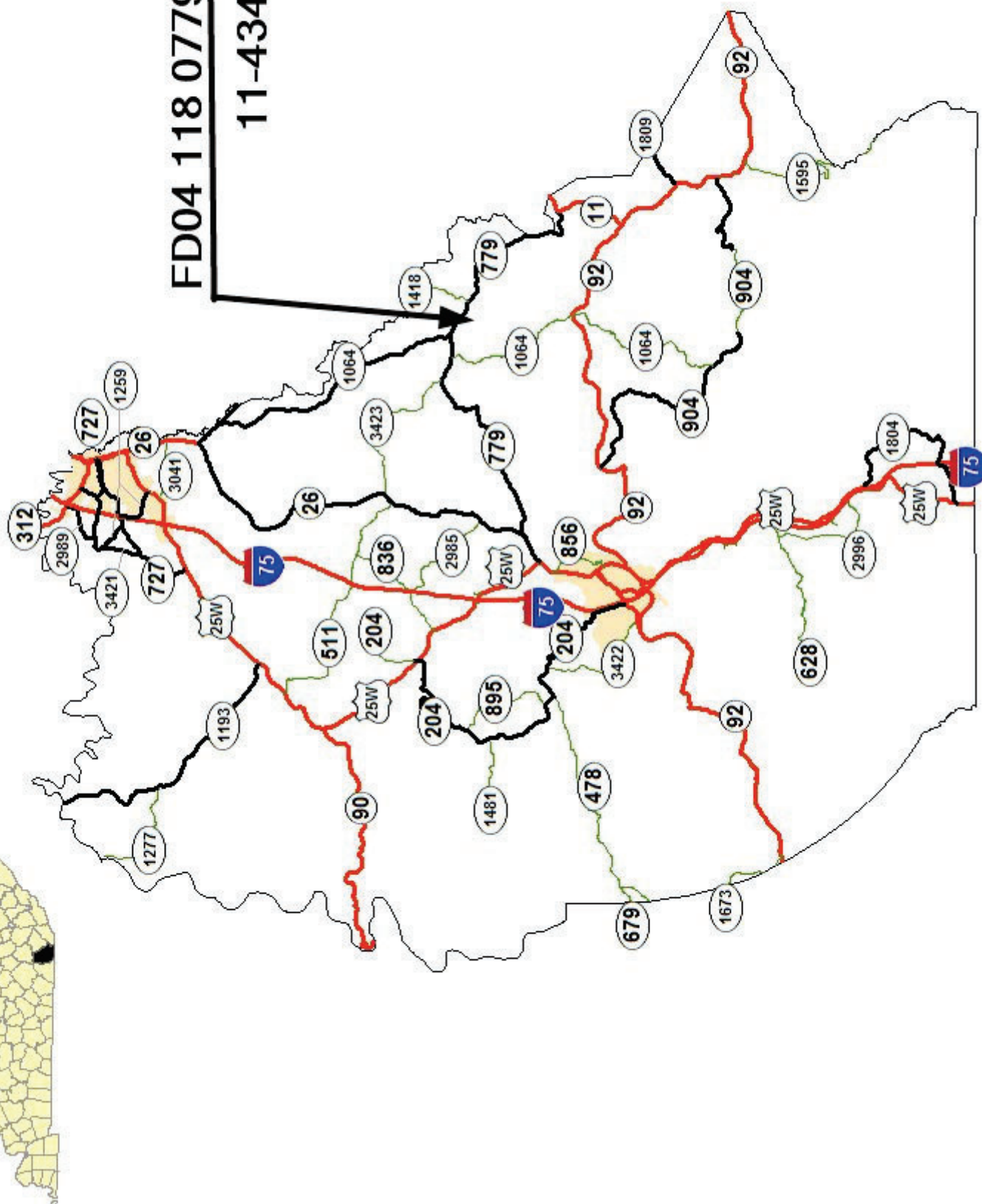
Channel Lining. If not listed as a bid item, but required by the BMP, the Department will pay for Channel Lining as Extra Work according to Sections 104.03 and 109.04.



FD04 118 0204 002-003

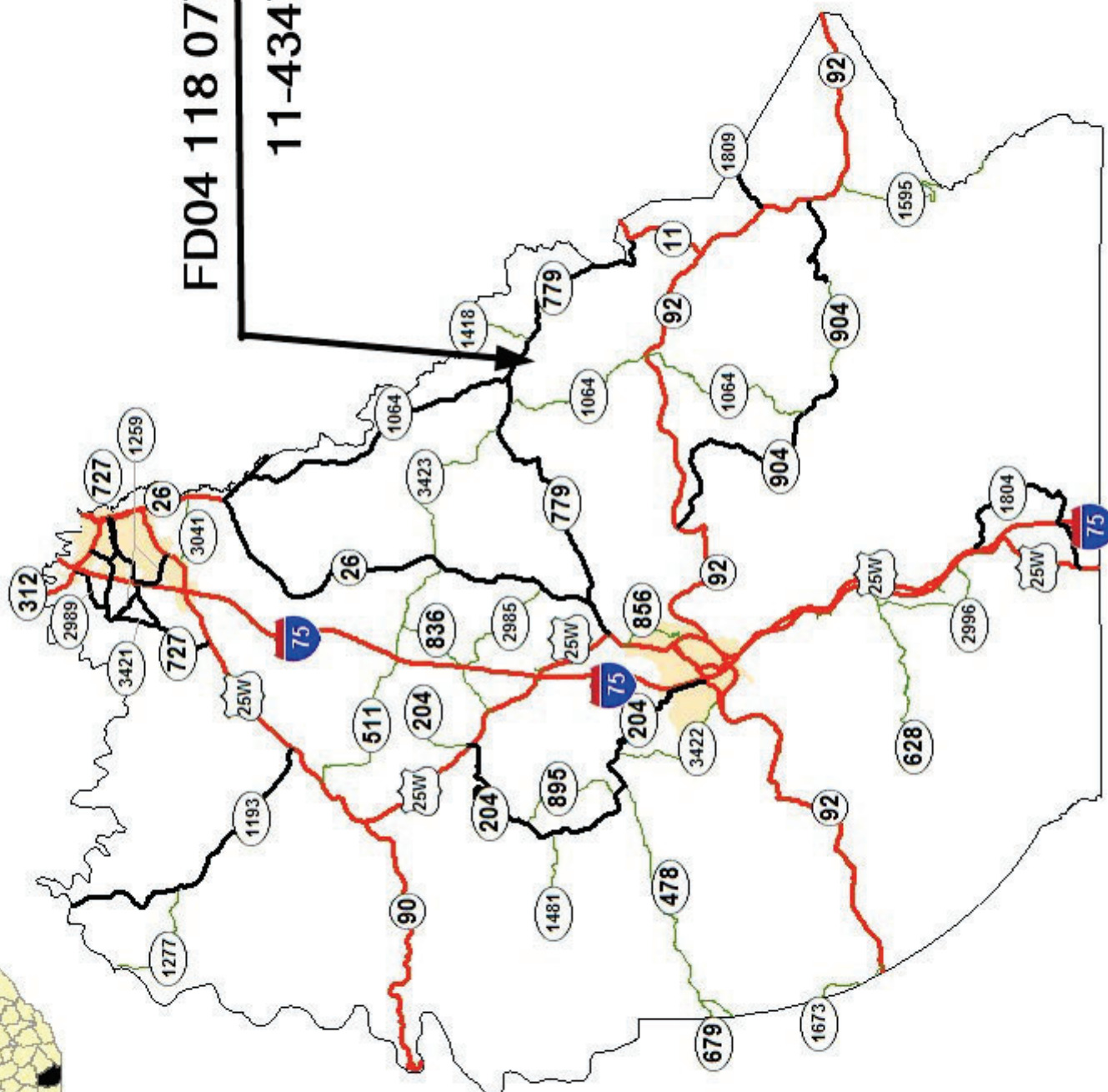


DEPARTMENT OF HIGHWAYS
MAP OF
WHITLEY COUNTY





DEPARTMENT OF HIGHWAYS
MAP OF
WHITLEY COUNTY



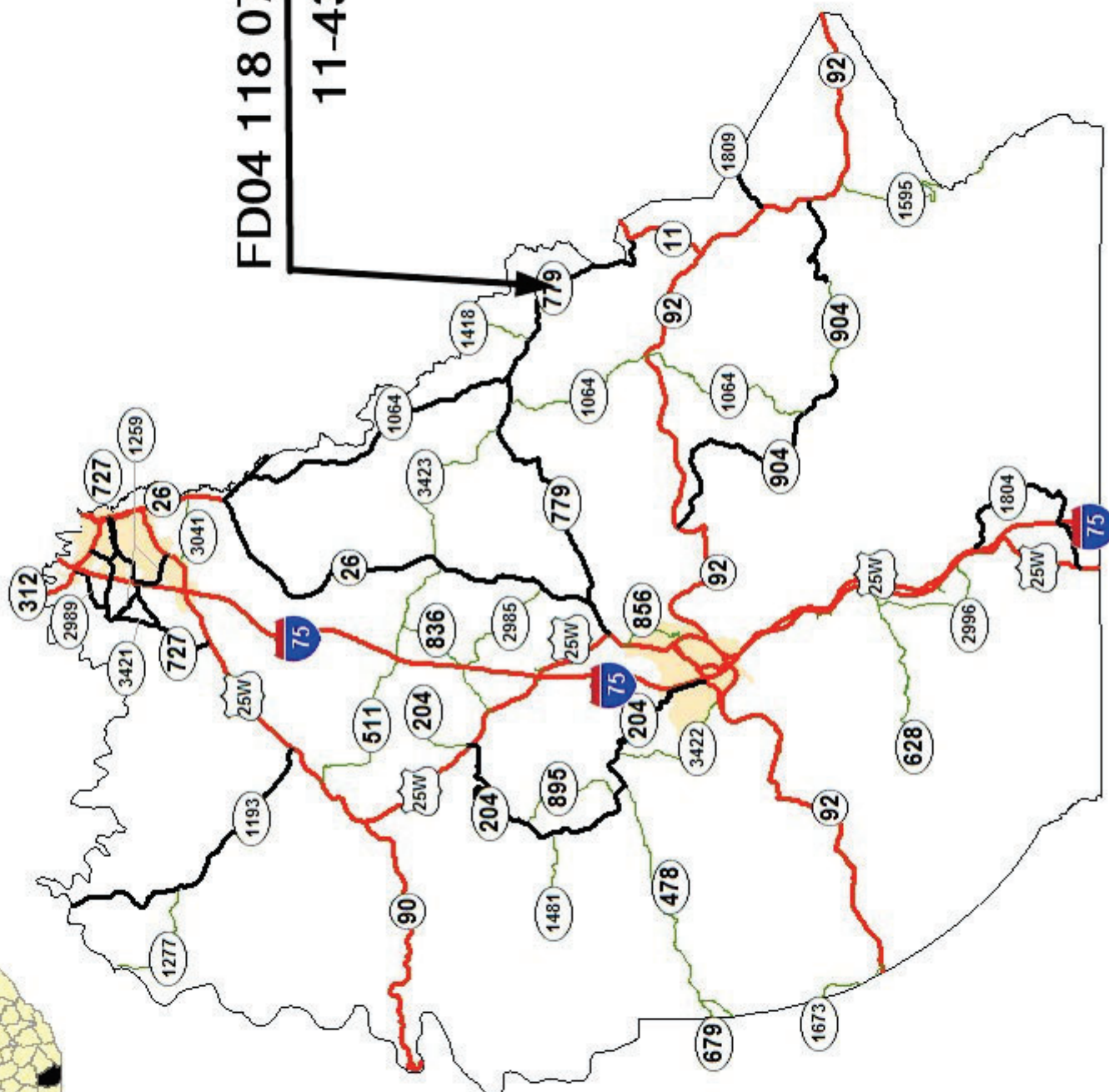
FD04 118 0779 006-007
11-4347





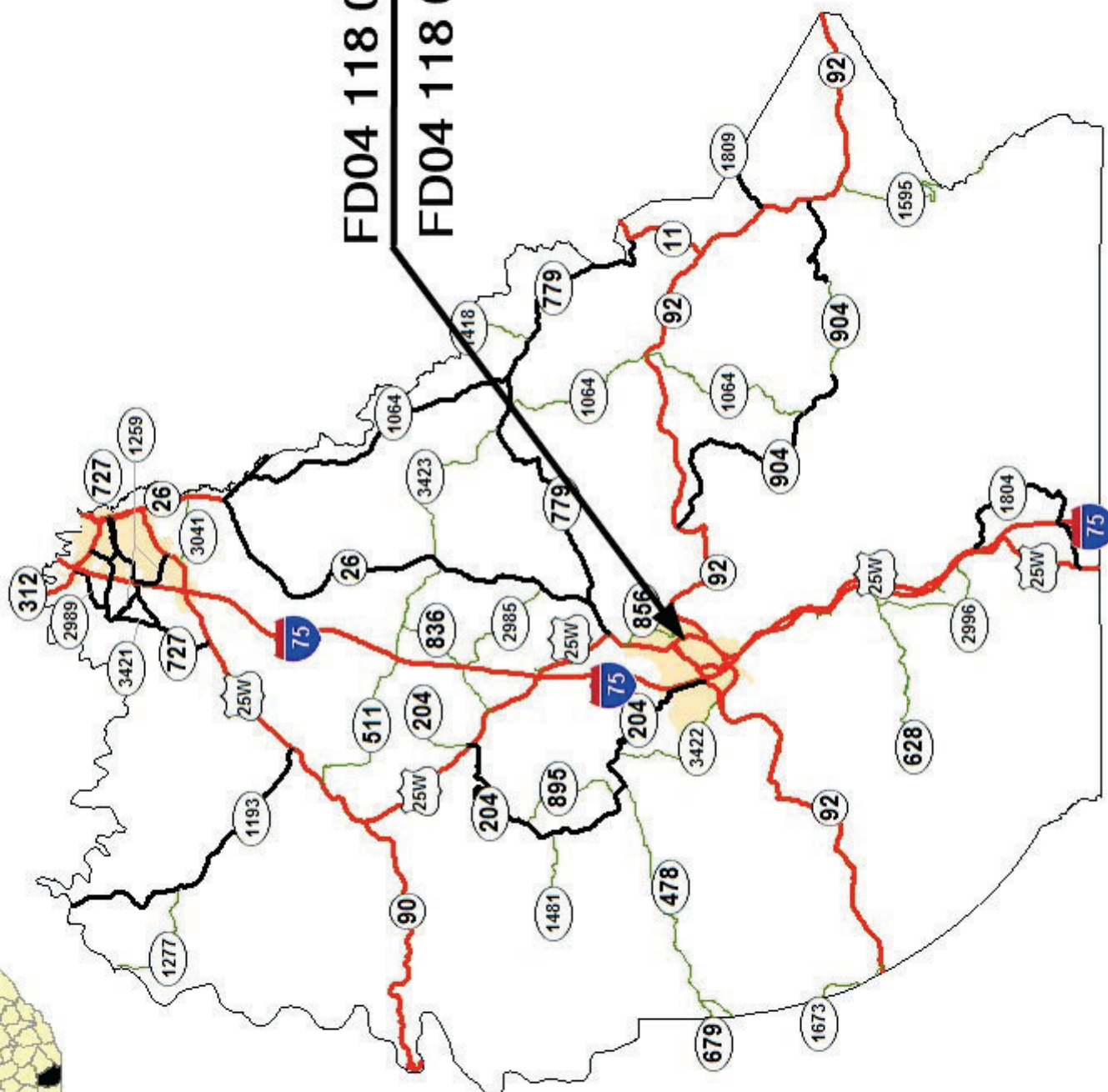
DEPARTMENT OF HIGHWAYS
MAP OF
WHITLEY COUNTY

FD04 118 0779 008-009
11-4348





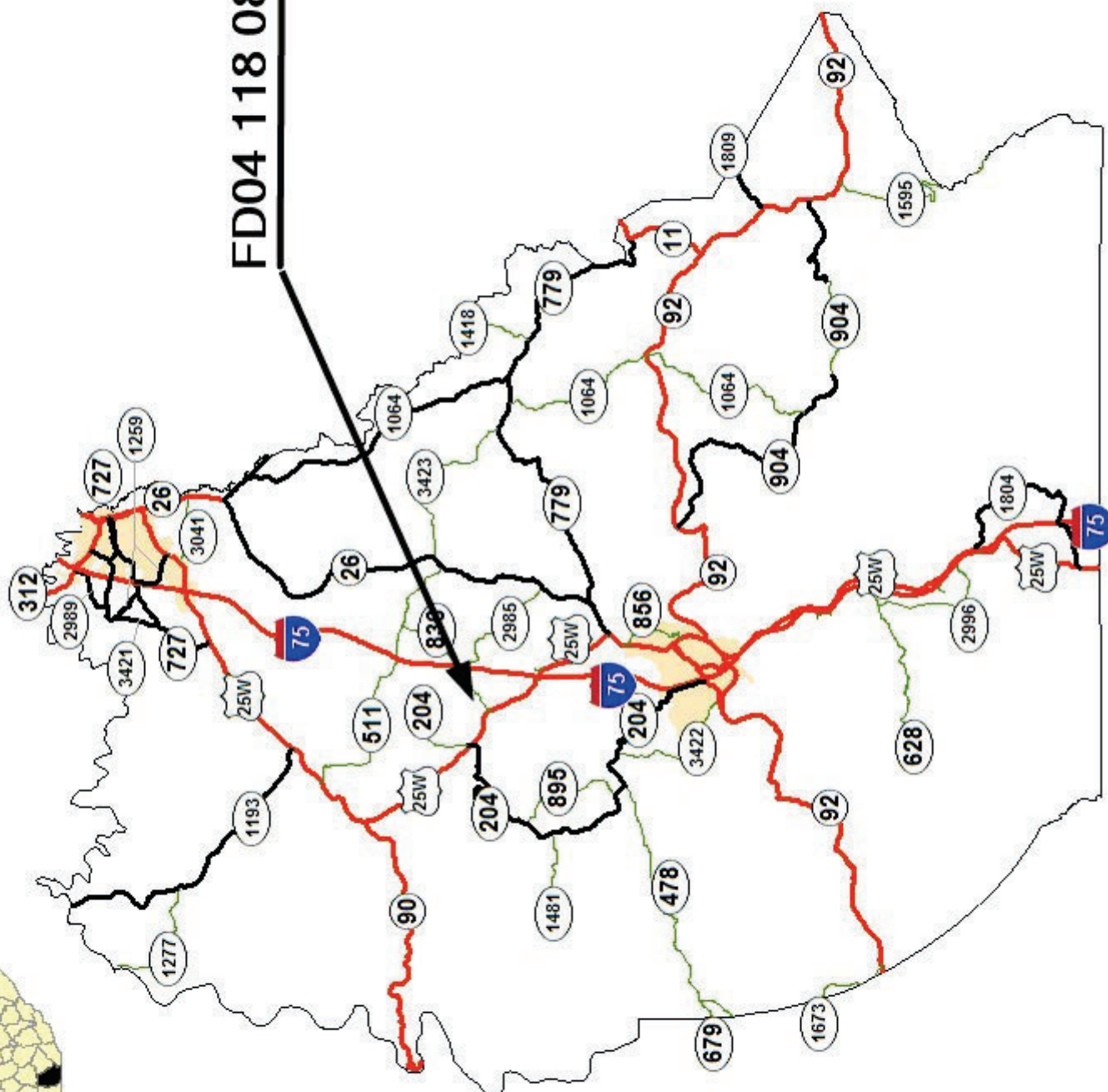
FD04 118 0856 000-001





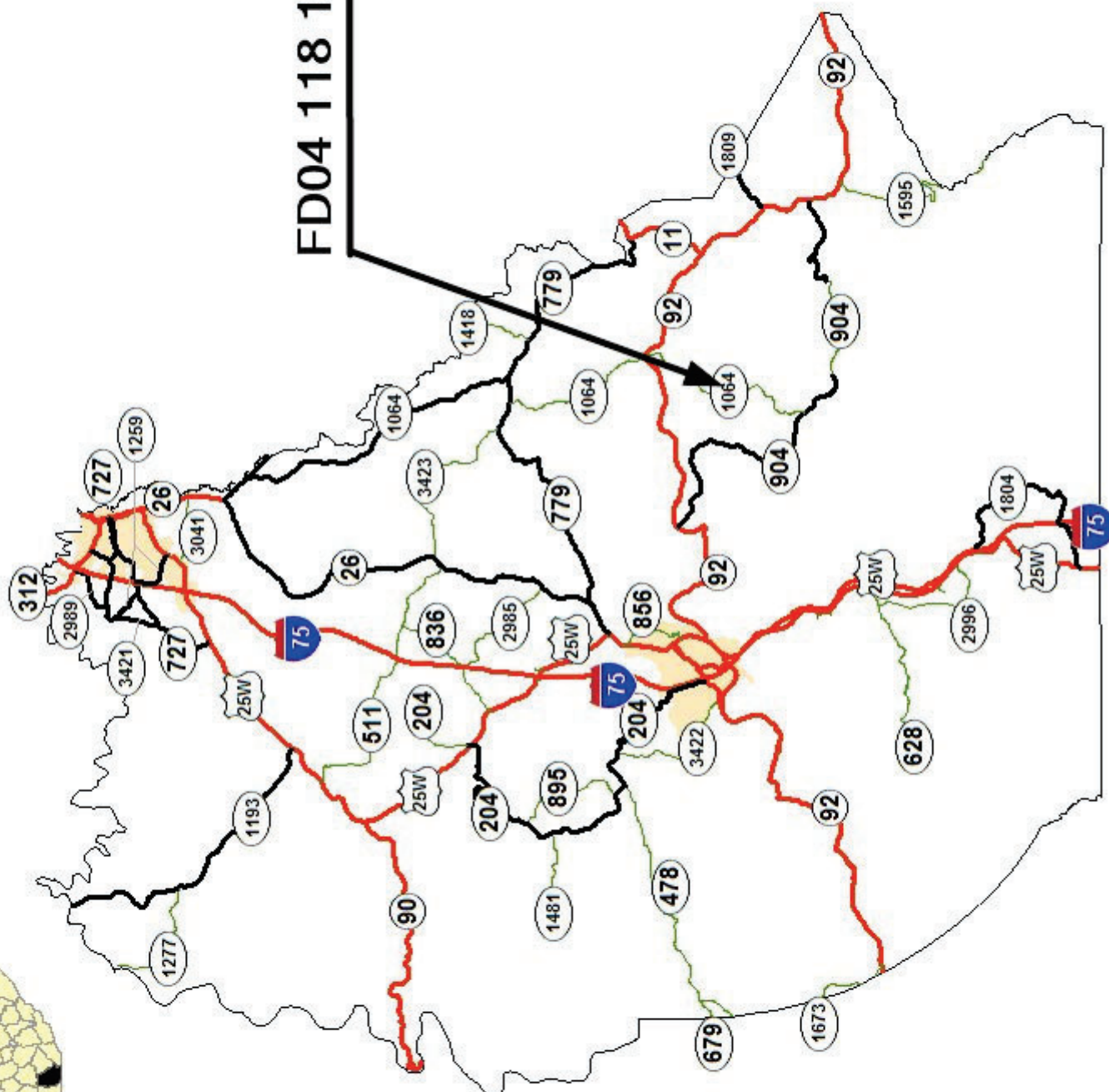
DEPARTMENT OF HIGHWAYS
MAP OF
WHITLEY COUNTY

FD04 118 0836 000-002





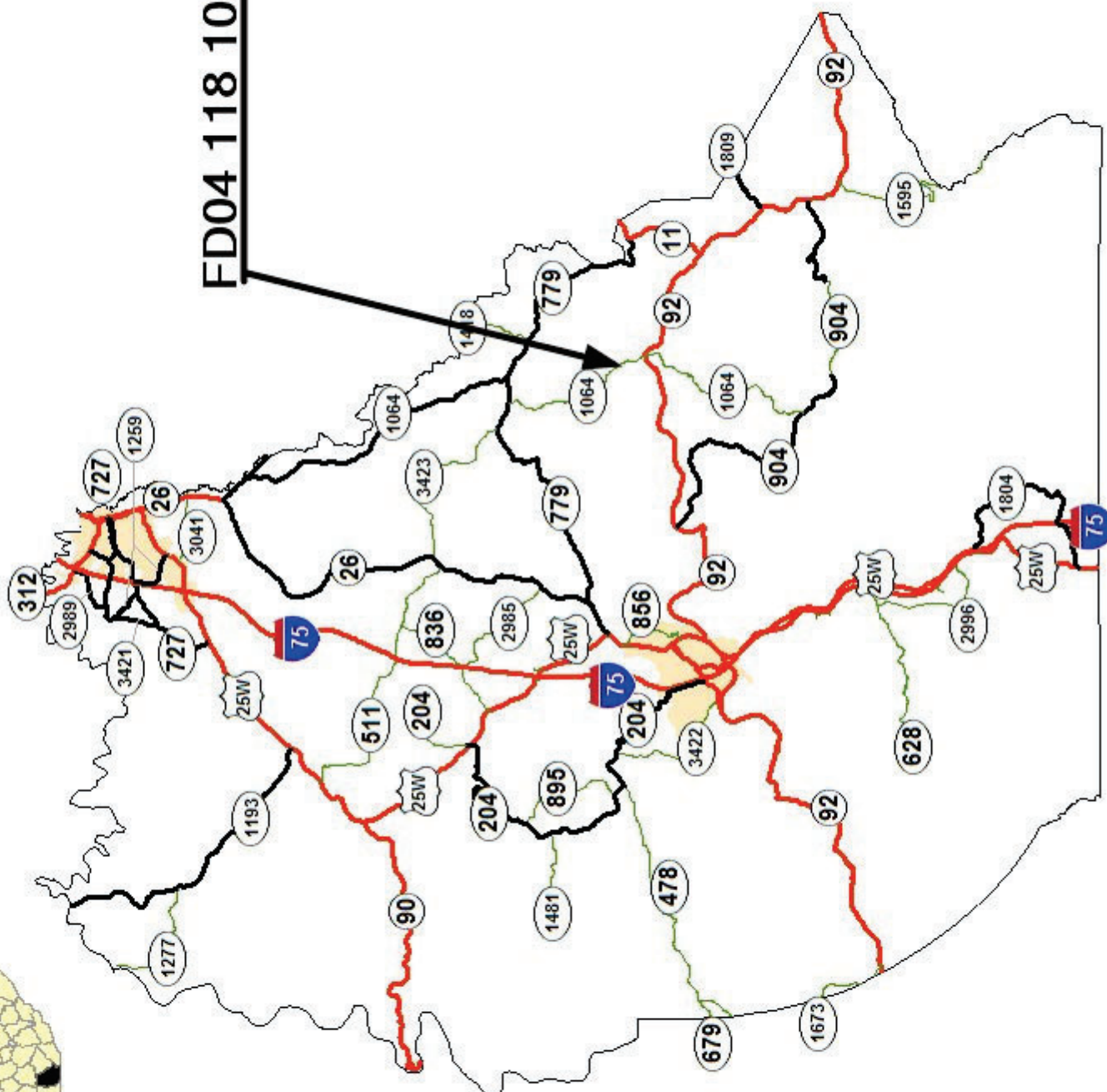
FD04 118 1064 006-007





DEPARTMENT OF HIGHWAYS
MAP OF
WHITLEY COUNTY

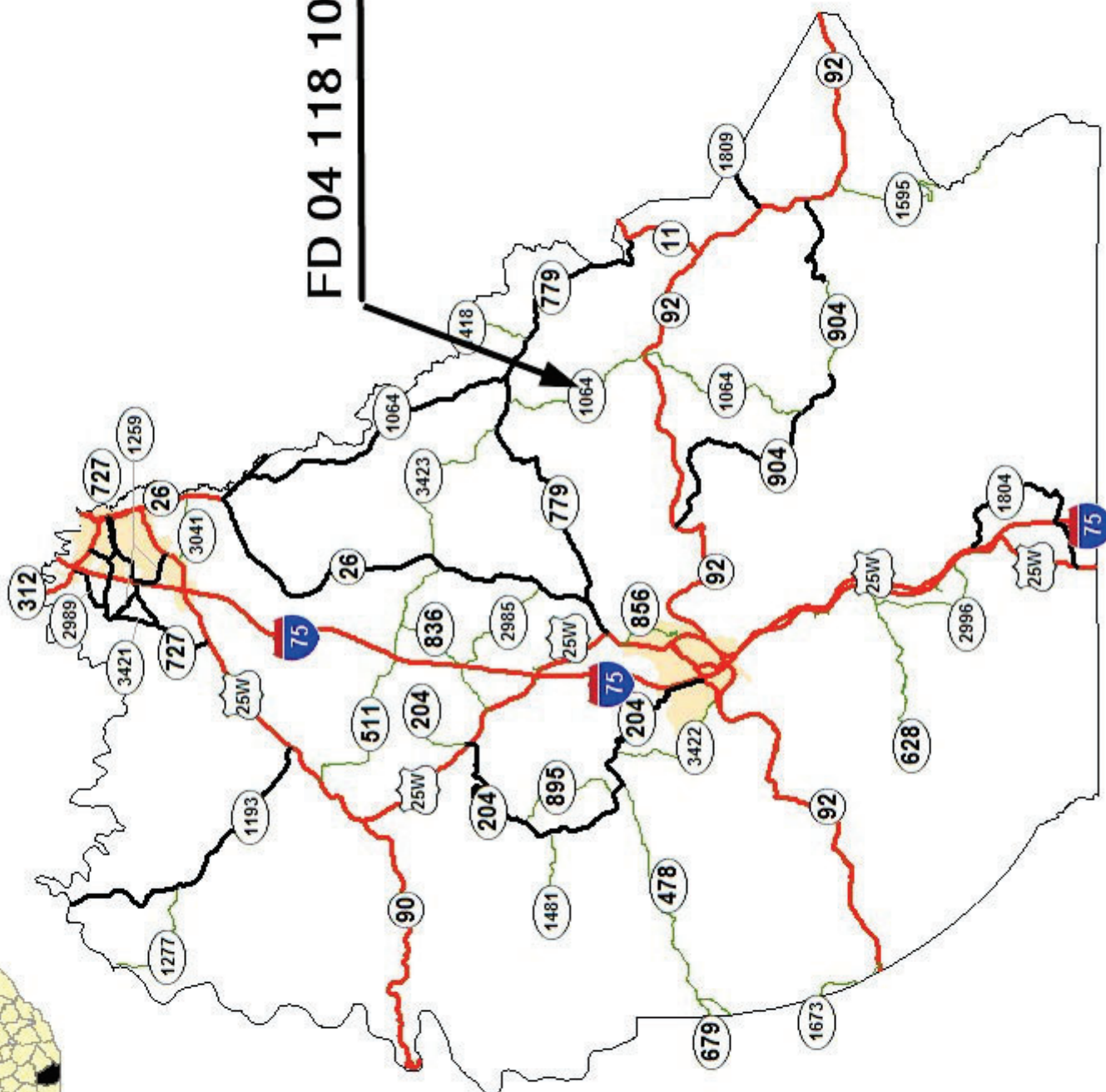
FD04 118 1064 010-011





DEPARTMENT OF HIGHWAYS
MAP OF
WHITLEY COUNTY

FD 04 118 1064 013-014



MATERIAL SUMMARY

CONTRACT ID: 232438

118GR23P061-FD04

MP11802042301

RED BIRD ROAD (KY 204) FROM 1.335 MILES NORTH OF REVEREND BILL PERKINS ROAD EXTENDING NORTH TO 0.671 MILES SOUTH OF BALLARD FORD WEST ROAD GUARDRAIL, A DISTANCE OF .07 MILES.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|----------------------------------------------------|----------|------|
| 0005 | 00001 | DGA BASE | 25.00 | TON |
| 0010 | 01982 | DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE | 8.00 | EACH |
| 0015 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 2.00 | EACH |
| 0020 | 02367 | GUARDRAIL END TREATMENT TYPE 1 | 2.00 | EACH |
| 0025 | 02399 | EXTRA LENGTH GUARDRAIL POST - (9 foot) | 15.00 | EACH |
| 0030 | 02562 | TEMPORARY SIGNS | 200.00 | SQFT |
| 0035 | 02650 | MAINTAIN & CONTROL TRAFFIC - (FD 118 0205 002-003) | 1.00 | LS |
| 0040 | 03236 | CRIBBING | 275.00 | SQFT |
| 0045 | 21802EN | G/R STEEL W BEAM-S FACE (7 FT POST) | 275.00 | LF |
| 0050 | 02569 | DEMOBILIZATION | 1.00 | LS |

CONTRACT ID: 232438

118GR23P061-FD04

MP11807792301

BROWNS CREEK ROAD (KY 779) FROM 396 FEET NORTH KY 1064 EXTENDING NORTH TO 808 FEET SOUTH OF CRAIGS CHAPEL ROAD GUARDRAIL, A DISTANCE OF .17 MILES.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|------------------------------------------------------|----------|------|
| 0055 | 00001 | DGA BASE | 200.00 | TON |
| 0060 | 01982 | DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE | 19.00 | EACH |
| 0065 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 2.00 | EACH |
| 0070 | 02399 | EXTRA LENGTH GUARDRAIL POST - (9 foot) | 5.00 | EACH |
| 0075 | 02562 | TEMPORARY SIGNS | 150.00 | SQFT |
| 0080 | 02650 | MAINTAIN & CONTROL TRAFFIC - (FD04 118 0779 006-007) | 1.00 | LS |
| 0085 | 03236 | CRIBBING | 900.00 | SQFT |
| 0090 | 21802EN | G/R STEEL W BEAM-S FACE (7 FT POST) | 900.00 | LF |
| 0095 | 02569 | DEMOBILIZATION | 1.00 | LS |

MATERIAL SUMMARY

CONTRACT ID: 232438

118GR23P061-FD04

MP11807792302

BROWNS CREEK ROAD (KY 779) FROM 1,288 FEET NORTH OF ROVENA SMITH ROAD EXTENDING NORTH TO 345 FEET SOUTH OF BEAR BRANCH ROAD GUARDRAIL, A DISTANCE OF .12 MILES.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|------------------------------------------------------|----------|------|
| 0100 | 00001 | DGA BASE | 135.00 | TON |
| 0105 | 01982 | DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE | 14.00 | EACH |
| 0110 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 1.00 | EACH |
| 0115 | 02391 | GUARDRAIL END TREATMENT TYPE 4A | 1.00 | EACH |
| 0120 | 02399 | EXTRA LENGTH GUARDRAIL POST - (9 foot) | 5.00 | EACH |
| 0125 | 02562 | TEMPORARY SIGNS | 150.00 | SQFT |
| 0130 | 02650 | MAINTAIN & CONTROL TRAFFIC - (FD04 118 0779 007-008) | 1.00 | LS |
| 0135 | 03236 | CRIBBING | 625.00 | SQFT |
| 0140 | 21802EN | G/R STEEL W BEAM-S FACE (7 FT POST) | 625.00 | LF |
| 0145 | 02569 | DEMOBILIZATION | 1.00 | LS |

CONTRACT ID: 232438

118GR23P061-FD04

MP11807792303

BROWNS CREEK ROAD (KY 779) FROM 2,112 FEET NORTH OF MILLER HOLLOW ROAD EXTENDING NORTH TO 1,800 FEET SOUTH OF BEAR BRANCH ROAD GUARDRAIL, A DISTANCE OF .03 MILES.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|------------------------------------------------------|----------|------|
| 0150 | 00001 | DGA BASE | 40.00 | TON |
| 0155 | 01982 | DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE | 4.00 | EACH |
| 0160 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 1.00 | EACH |
| 0165 | 02371 | GUARDRAIL END TREATMENT TYPE 7 | 1.00 | EACH |
| 0170 | 02399 | EXTRA LENGTH GUARDRAIL POST - (9 foot) | 5.00 | EACH |
| 0175 | 02562 | TEMPORARY SIGNS | 150.00 | SQFT |
| 0180 | 02650 | MAINTAIN & CONTROL TRAFFIC - (FD04 118 0779 008-009) | 1.00 | LS |
| 0185 | 03236 | CRIBBING | 150.00 | SQFT |
| 0190 | 21802EN | G/R STEEL W BEAM-S FACE (7 FT POST) | 150.00 | LF |
| 0195 | 02569 | DEMOBILIZATION | 1.00 | LS |

MATERIAL SUMMARY

CONTRACT ID: 232438

118GR23P061-FD04

MP11808362301

CRIPPLE CREEK ROAD (KY 836) FROM 111 FEET NORTH OF CINDY LANE EXTENDING NORTH TO 697 FEET SOUTH OF ALEXANDER DRIVE GUARDRAIL, A DISTANCE OF .41 MILES.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|--------------------------------------------------|----------|------|
| 0200 | 00001 | DGA BASE | 100.00 | TON |
| 0205 | 01987 | DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE | 35.00 | EACH |
| 0210 | 02355 | GUARDRAIL-STEEL W BEAM-S FACE A - (7 FOOT POSTS) | 100.00 | LF |
| 0215 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 4.00 | EACH |
| 0220 | 02363 | GUARDRAIL CONNECTOR TO BRIDGE END TY A | 4.00 | EACH |
| 0225 | 02367 | GUARDRAIL END TREATMENT TYPE 1 | 2.00 | EACH |
| 0230 | 02371 | GUARDRAIL END TREATMENT TYPE 7 | 2.00 | EACH |
| 0235 | 02399 | EXTRA LENGTH GUARDRAIL POST - (9 foot) | 40.00 | EACH |
| 0240 | 02562 | TEMPORARY SIGNS | 200.00 | SQFT |
| 0245 | 02650 | MAINTAIN & CONTROL TRAFFIC - (KY 836) | 1.00 | LS |
| 0250 | 03236 | CRIBBING | 700.00 | SQFT |
| 0255 | 21802EN | G/R STEEL W BEAM-S FACE (7 FT POST) | 1,975.00 | LF |
| 0260 | 02569 | DEMOBILIZATION | 1.00 | LS |

CONTRACT ID: 232438

118GR23P061-FD04

MP11808562301

OLD CORBIN PIKE (KY 856) FROM 20 FEET NORTH OF US 24W EXTENDING NORTH TO 480 FEET SOUTH OF WOODLAWN DRIVE GUARDRAIL, A DISTANCE OF .07 MILES.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|------------------------------------------------------|----------|------|
| 0425 | 01987 | DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE | 9.00 | EACH |
| 0430 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 1.00 | EACH |
| 0435 | 02367 | GUARDRAIL END TREATMENT TYPE 1 | 1.00 | EACH |
| 0440 | 02562 | TEMPORARY SIGNS | 150.00 | SQFT |
| 0445 | 02650 | MAINTAIN & CONTROL TRAFFIC - (FD04 118 0856 000-001) | 1.00 | LS |
| 0450 | 21802EN | G/R STEEL W BEAM-S FACE (7 FT POST) | 400.00 | LF |
| 0455 | 02569 | DEMOBILIZATION | 1.00 | LS |

MATERIAL SUMMARY

CONTRACT ID: 232438

118GR23P061-FD04

MP11808562302

OLD CORBIN PIKE (KY 856) FROM 338 FEET NORTH OF KERNEY DRIVE EXTENDING NORTH TO 0.226 MILES NORTH OF MEADORS STREET GUARDRAIL, A DISTANCE OF 1.34 MILES.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|------------------------------------------------------|----------|------|
| 0460 | 00001 | DGA BASE | 250.00 | TON |
| 0465 | 01987 | DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE | 29.00 | EACH |
| 0470 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 2.00 | EACH |
| 0475 | 02367 | GUARDRAIL END TREATMENT TYPE 1 | 1.00 | EACH |
| 0480 | 02391 | GUARDRAIL END TREATMENT TYPE 4A | 1.00 | EACH |
| 0485 | 02399 | EXTRA LENGTH GUARDRAIL POST - (9 foot) | 50.00 | EACH |
| 0490 | 02562 | TEMPORARY SIGNS | 150.00 | SQFT |
| 0495 | 02650 | MAINTAIN & CONTROL TRAFFIC - (FD04 118 0856 000-002) | 1.00 | LS |
| 0500 | 03236 | CRIBBING | 1,200.00 | SQFT |
| 0505 | 21802EN | G/R STEEL W BEAM-S FACE (7 FT POST) | 1,350.00 | LF |
| 0510 | 02569 | DEMOBILIZATION | 1.00 | LS |

CONTRACT ID: 232438

118GR23P061-FD04

MP11810642301

WHETSTONE ROAD (KY 1064) FROM 0.065 MILES NORTH OF A POWERS ROAD EXTENDING NORTH TO REEVES ROAD GUARDRAIL, A DISTANCE OF .08 MILES.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|-----------------------------------------------------|----------|------|
| 0265 | 00001 | DGA BASE | 150.00 | TON |
| 0270 | 01987 | DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE | 7.00 | EACH |
| 0275 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 1.00 | EACH |
| 0280 | 02367 | GUARDRAIL END TREATMENT TYPE 1 | 1.00 | EACH |
| 0285 | 02399 | EXTRA LENGTH GUARDRAIL POST - (9 FOOT) | 5.00 | EACH |
| 0290 | 02562 | TEMPORARY SIGNS | 150.00 | SQFT |
| 0295 | 02650 | MAINTAIN & CONTROL TRAFFIC - (FD04 118 1064 06-007) | 1.00 | LS |
| 0300 | 03236 | CRIBBING | 665.00 | SQFT |
| 0305 | 21802EN | G/R STEEL W BEAM-S FACE (7 FT POST) | 287.50 | LF |
| 0310 | 02569 | DEMOBILIZATION | 1.00 | LS |

MATERIAL SUMMARY

CONTRACT ID: 232438

118GR23P061-FD04

MP11810642302

MEADOW CREEK ROAD (KY 1064) FROM 345 FEET NORTH OF A POWERS ROAD EXTENDING NORTH TO 232 FEET SOUTH OF SPRINGTOWN ROAD GUARDRAIL, A DISTANCE OF .54 MILES.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|------------------------------------------------------|----------|------|
| 0315 | 00001 | DGA BASE | 576.00 | TON |
| 0320 | 01987 | DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE | 57.00 | EACH |
| 0325 | 02355 | GUARDRAIL-STEEL W BEAM-S FACE A - (7 FOOT POSTS) | 100.00 | LF |
| 0330 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 4.00 | EACH |
| 0335 | 02367 | GUARDRAIL END TREATMENT TYPE 1 | 2.00 | EACH |
| 0340 | 02373 | GUARDRAIL END TREATMENT TYPE 3 | 2.00 | EACH |
| 0345 | 02399 | EXTRA LENGTH GUARDRAIL POST - (9 FOOT) | 50.00 | EACH |
| 0350 | 02562 | TEMPORARY SIGNS | 150.00 | SQFT |
| 0355 | 02650 | MAINTAIN & CONTROL TRAFFIC - (FD04 118 1064 010-011) | 1.00 | LS |
| 0360 | 03236 | CRIBBING | 2,625.00 | SQFT |
| 0365 | 08805 | GUARDRAIL-BRIDGE CASE I | 100.00 | LF |
| 0370 | 21802EN | G/R STEEL W BEAM-S FACE (7 FT POST) | 2,662.50 | LF |
| 0375 | 02569 | DEMOBILIZATION | 1.00 | LS |

CONTRACT ID: 232438

118GR23P061-FD04

MP11810642303

MEADOW CREEK ROAD (KY 1064) FROM 4,276 FEET NORTH OF MOSLEY BRANCH ROAD EXTENDING NORTH TO 1.386 MILES SOUTH OF ELIOTT ROAD GUARDRAIL, A DISTANCE OF .3 MILES.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|------------------------------------------------------|----------|------|
| 0380 | 00001 | DGA BASE | 350.00 | TON |
| 0385 | 01987 | DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE | 34.00 | EACH |
| 0390 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 4.00 | EACH |
| 0395 | 02399 | EXTRA LENGTH GUARDRAIL POST - (9 FOOT) | 10.00 | EACH |
| 0400 | 02562 | TEMPORARY SIGNS | 150.00 | SQFT |
| 0405 | 02650 | MAINTAIN & CONTROL TRAFFIC - (FD04 118 1064 013-014) | 1.00 | LS |
| 0410 | 03236 | CRIBBING | 1,550.00 | SQFT |
| 0415 | 21802EN | G/R STEEL W BEAM-S FACE (7 FT POST) | 1,575.00 | LF |
| 0420 | 02569 | DEMOBILIZATION | 1.00 | LS |

GUARDRAIL SUMMARY
SYP ITEM 11-4359
FD04 118 0204 002-003

| NEW GUARDRAIL | | | | | | | REMOVE GUARDRAIL | | | | |
|---------------|----------------------|-----------------|---------------|---------------------------------|----------|---------|------------------|-----------------|---------------|----------|---------|
| LANE | END TREAT. | BEGIN MILEPOINT | END MILEPOINT | END TREAT. | LIN FEET | REMARKS | LANE | BEGIN MILEPOINT | END MILEPOINT | LIN FEET | REMARKS |
| | | | | | | | | | | | |
| North Bound | End Treatment Type 1 | 2.720 | 2.747 | Radius & Terminal Section No. 1 | 150.0 | | | | | 0.0 | |
| North Bound | End Treatment Type 1 | 2.768 | 2.791 | Radius & Terminal Section No. 1 | 125.0 | | | | | 0.0 | |
| | | | | | 0.0 | | | | | 0.0 | |
| TOTALS | | | | | 275.0 | | | | | 0.0 | |

| | |
|------------------------|---|
| End Treatment Type 1 | 2 |
| End Treatment Type 2A | 0 |
| End Treatment Type 3 | 0 |
| End Treatment Type 4A | 0 |
| End Treatment Type 7 | 0 |
| Terminal Section No. 1 | 2 |

GUARDRAIL SUMMARY
SYP ITEM 11-4340
FD04 118 0779 007-008

| NEW GUARDRAIL | | | | | | | REMOVE GUARDRAIL | | | | |
|---------------|-------------------|-----------------|---------------|--------------------------|----------|---------|------------------|-----------------|---------------|----------|---------|
| LANE | END TREAT. | BEGIN MILEPOINT | END MILEPOINT | END TREAT. | LIN FEET | REMARKS | LANE | BEGIN MILEPOINT | END MILEPOINT | LIN FEET | REMARKS |
| | | | | | | | | | | | |
| NORTH BOUND | END TREAT TYPE 4A | 7.679 | 7.797 | RADIUS & TERM SECT NO. 1 | 625.0 | | | | | | |
| | | | | | | | | | | | |

Totals = 0.0

Totals = 625.0

| | |
|---------------------|---|
| Type 1 | 0 |
| Type 2A | 0 |
| Type 3 | 0 |
| Type 4A | 1 |
| Type 7 | 0 |
| Terminal Sect No. 1 | 1 |

GUARDRAIL SUMMARY
SYP ITEM 11-4347
FD04 118 0779 006-007

| NEW GUARDRAIL | | | | | | | REMOVE GUARDRAIL | | | | |
|---------------|-----------------------------|-----------------|---------------|-----------------------------|----------|---------|------------------|-----------------|---------------|----------|---------|
| LANE | END TREAT. | BEGIN MILEPOINT | END MILEPOINT | END TREAT. | LIN FEET | REMARKS | LANE | BEGIN MILEPOINT | END MILEPOINT | LIN FEET | REMARKS |
| | | | | | | | | | | | |
| NORTH BOUND | RADIUS & TERM SECT NO. 1 | 6.359 | 6.529 | RADIUS & TERM SECT NO. 1 | 900.0 | | | | | | |
| | | | | | | | | | | | |

Totals = 0.0

Totals = 900.0

| | |
|---------------------|---|
| Type 1 | 0 |
| Type 2A | 0 |
| Type 3 | 0 |
| Type 4A | 0 |
| Type 7 | 0 |
| Terminal Sect No. 1 | 2 |

GUARDRAIL SUMMARY
SYP ITEM 11-4348
FD04 118 0779 008-009

| NEW GUARDRAIL | | | | | | | REMOVE GUARDRAIL | | | | |
|---------------|------------------|-----------------|---------------|--------------------------|----------|---------|------------------|-----------------|---------------|----------|---------|
| LANE | END TREAT. | BEGIN MILEPOINT | END MILEPOINT | END TREAT. | LIN FEET | REMARKS | LANE | BEGIN MILEPOINT | END MILEPOINT | LIN FEET | REMARKS |
| | | | | | | | | | | | |
| NORTH BOUND | END TREAT TYPE 7 | 8.580 | 8.608 | RADIUS & TERM SECT NO. 1 | 150.0 | | | | | | |
| | | | | | | | | | | | |

Totals = 0.0

Totals = 150.0

| | |
|---------------------|---|
| Type 1 | 0 |
| Type 2A | 0 |
| Type 3 | 0 |
| Type 4A | 0 |
| Type 7 | 1 |
| Terminal Sect No. 1 | 1 |

GUARDRAIL SUMMARY
SYP ITEM 11-4341
FD04 118 0836 000-002

| NEW GUARDRAIL | | | | | | | | | | REMOVE GUARDRAIL | | | |
|---------------|------------------|-----------------|---------------|--------------------------|----------|---------------|-----------------|---------|------|------------------|---------------|----------|---------|
| LANE | END TREAT. | BEGIN MILEPOINT | END MILEPOINT | END TREAT. | LIN FEET | SINGLE FACE A | BRIDGE END TY A | REMARKS | LANE | BEGIN MILEPOINT | END MILEPOINT | LIN FEET | REMARKS |
| | | | | | | | | | | | | | |
| NORTH BOUND | END TREAT TYPE 1 | 0.870 | 1.140 | RADIUS & TERM SECT NO. 1 | 1,437.5 | | | | | | | | |
| NORTH BOUND | END TREAT TYPE 7 | 1.141 | 1.202 | RADIUS & TERM SECT NO. 1 | 325.0 | | | | | | | | |
| NORTH BOUND | END TREAT TYPE 7 | 1.220 | 1.280 | RADIUS & TERM SECT NO. 1 | 325.0 | 50.0 | 2.0 | | | | | | |
| SOUTH BOUND | END TREAT TYPE 1 | 1.202 | 1.249 | RADIUS & TERM SECT NO. 1 | 250.0 | 50.0 | 2.0 | | | | | | |
| | | | | | | | | | | | | | |

Totals = 2,337.5 100.0 4.0 Totals = 0.0

- End Treatment Type 1 2
- End Treatment Type 2A 0
- End Treatment Type 3 0
- End Treatment Type 4A 0
- End reatment Type 7 2
- Terminal Sect No. 1 4
- Connector Bridge End Type A 4

GUARDRAIL SUMMARY
SYP ITEM 11-4364
FD04 118 0856 000-002

| NEW GUARDRAIL | | | | | | | REMOVE GUARDRAIL | | | | |
|---------------|-----------------------|-----------------|---------------|---------------------------------|----------|---------|------------------|-----------------|---------------|----------|---------|
| LANE | END TREAT. | BEGIN MILEPOINT | END MILEPOINT | END TREAT. | LIN FEET | REMARKS | LANE | BEGIN MILEPOINT | END MILEPOINT | LIN FEET | REMARKS |
| | | | | | | | | | | | |
| North Bound | End Treatment Type 4A | 0.095 | 0.145 | Radius & Terminal Section No. 1 | 275.0 | | | | | 0.0 | |
| South Bound | End Treatment Type 1 | 1.230 | 1.432 | Radius & Terminal Section No. 1 | 1,075.0 | | | | | 0.0 | |
| | | | | | 0.0 | | | | | 0.0 | |
| TOTALS | | | | | 1,350.0 | | | | | 0.0 | |

| | |
|------------------------|---|
| End Treatment Type 1 | 1 |
| End Treatment Type 3 | 0 |
| End Treatment Type 4A | 1 |
| End Treatment Type 7 | 0 |
| Terminal Section No. 1 | 2 |

GUARDRAIL SUMMARY
SYP ITEM 4322
FD04 118 0856 000-001

| NEW GUARDRAIL | | | | | | | REMOVE GUARDRAIL | | | | |
|---------------|----------------------|-----------------|---------------|--------------------------|----------|---------|------------------|-----------------|---------------|----------|---------|
| LANE | END TREAT. | BEGIN MILEPOINT | END MILEPOINT | END TREAT. | LIN FEET | REMARKS | LANE | BEGIN MILEPOINT | END MILEPOINT | LIN FEET | REMARKS |
| | | | | | | | | | | | |
| North Bound | End Treatment Type 1 | 0.004 | 0.075 | Radius & Term Sect No, 1 | 400.0 | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |

| | |
|------------------------|---|
| End Treatment Type 1 | 1 |
| End Treatment Type 3 | 0 |
| End Treatment Type 4A | 0 |
| End Treatment Type 7 | 0 |
| Terminal Section No. 1 | 1 |

GUARDRAIL SUMMARY
SYP ITEM 11-4311
FD04 118 1064 006-007

| NEW GUARDRAIL | | | | | | | REMOVE GUARDRAIL | | | | |
|---------------|--------------------------|-----------------|---------------|------------|----------|---------|------------------|-----------------|---------------|----------|---------|
| LANE | END TREAT. | BEGIN MILEPOINT | END MILEPOINT | END TREAT. | LIN FEET | REMARKS | LANE | BEGIN MILEPOINT | END MILEPOINT | LIN FEET | REMARKS |
| | | | | | | | | | | | |
| South Bound | Radius & Term Sect No, 1 | 6.480 | 6.533 | Type 1 | 287.5 | | | | | | |
| | | | | | | | | | | | |

Totals = 287.5

Totals = 0.0

- Type 11
- Type 2A0
- Type 30
- Type 40
- Type 70
- Terminal Sect No. 11

GUARDRAIL SUMMARY
SYP ITEM 11-4312
FD04 11064 013-014

| NEW GUARDRAIL | | | | | | | REMOVE GUARDRAIL | | | | |
|---------------|--------------------------|-----------------|---------------|--------------------------|----------|---------|------------------|-----------------|---------------|----------|---------|
| LANE | END TREAT. | BEGIN MILEPOINT | END MILEPOINT | END TREAT. | LIN FEET | REMARKS | LANE | BEGIN MILEPOINT | END MILEPOINT | LIN FEET | REMARKS |
| | | | | | | | | | | | |
| South Bound | Radius & Term Sect No. 1 | 13.090 | 13.216 | Radius & Term Sect No. 1 | 675.0 | | | | | | |
| South Bound | Radius & Term Sect No. 1 | 13.220 | 13.389 | Radius & Term Sect No. 1 | 900.0 | | | | | | |
| | | | | | | | | | | | |

Totals = 0.0

Totals = 1,575

- Type 10
- Type 2A0
- Type 30
- Type 40
- Type 70
- Terminal Sect No. 14

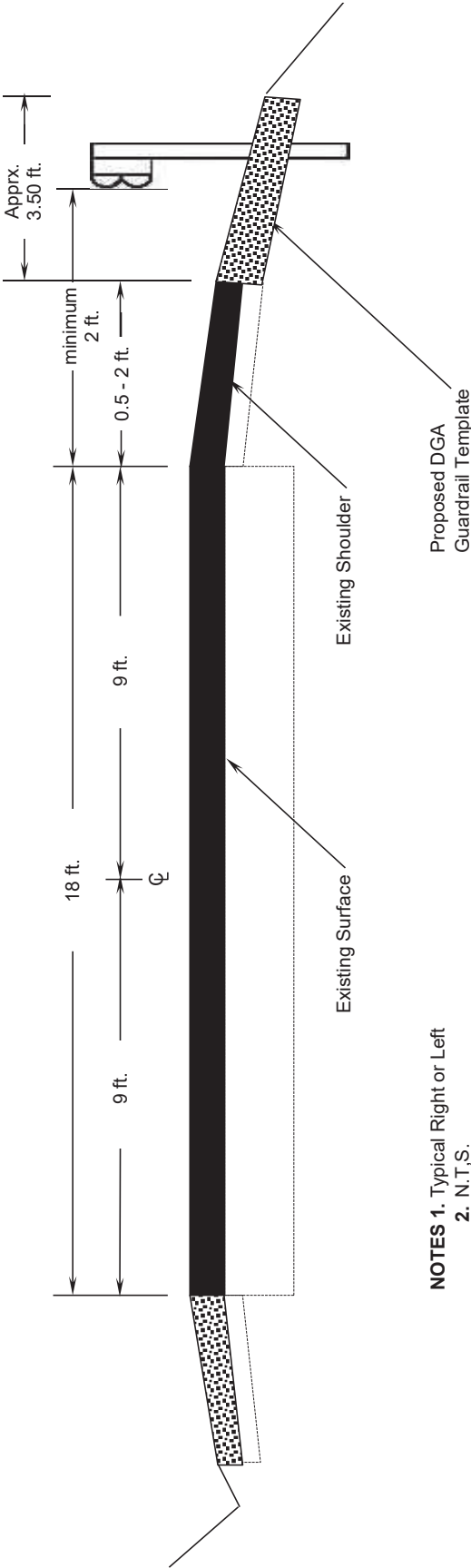
GUARDRAIL SUMMARY
SYP ITEM 11-4335
FD04 118 1064 010 011

| NEW GUARDRAIL | | | | | | | | | | REMOVE GUARDRAIL | | | |
|---------------|--------------------------|-----------------|---------------|--------------------------|----------|---------------|---------------|---------|------|------------------|---------------|----------|---------|
| LANE | END TREAT. | BEGIN MILEPOINT | END MILEPOINT | END TREAT. | LIN FEET | BRIDGE CASE I | SINGLE FACE A | REMARKS | LANE | BEGIN MILEPOINT | END MILEPOINT | LIN FEET | REMARKS |
| | | | | | | | | | | | | | |
| South Bound | Radius & Term Sect No. 1 | 10.286 | 10.413 | End Treat Ty 3 | 675.0 | | | | | | | | |
| South Bound | End Treat Ty 1 | 10.415 | 10.510 | End Treat Ty 3 | 512.5 | | | | | | | | |
| South Bound | Radius & Term Sect No. 1 | 10.600 | 10.810 | End Treat Ty 1 | 1,112.5 | 100.0 | 100.0 | | | | | | |
| North Bound | Radius & Term Sect No. 1 | 10.760 | 10.826 | Radius & Term Sect No. 1 | 350.0 | | | | | | | | |
| | | | | | | | | | | | | | |

Totals = 2,650.0 100.0 100.0 100.0 Totals = 0.0

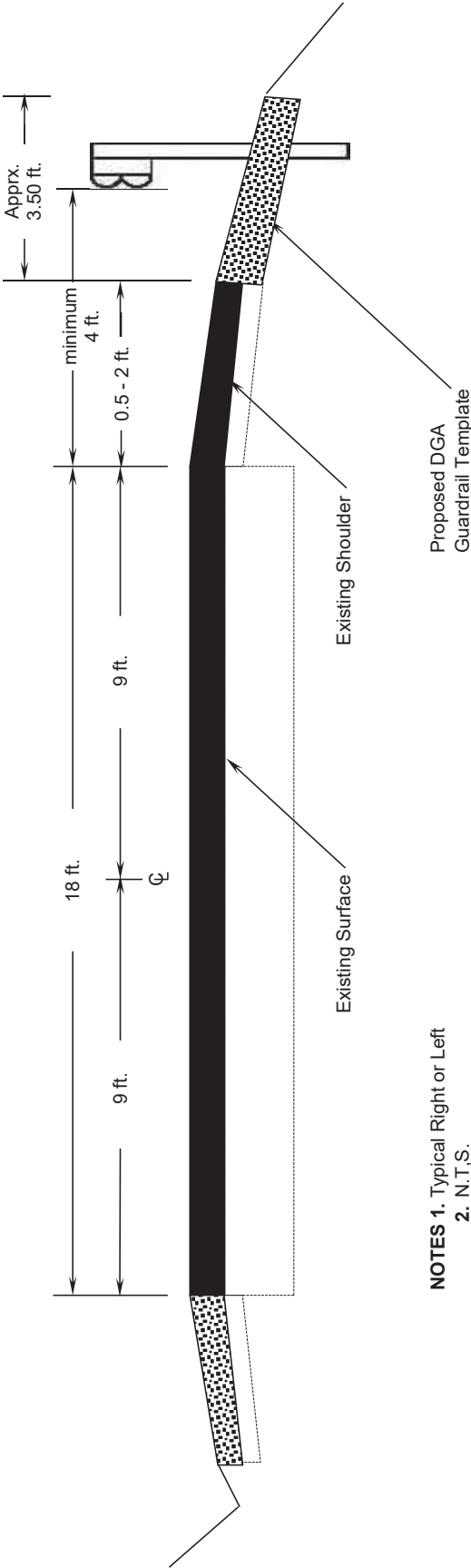
- Type 1 2
- Type 2A 0
- Type 3 2
- Type 4 0
- Type 7 0
- Terminal Sect No. 1 4

TYPICAL SECTION
KY 779
MILEPOINT 6.359-6.529



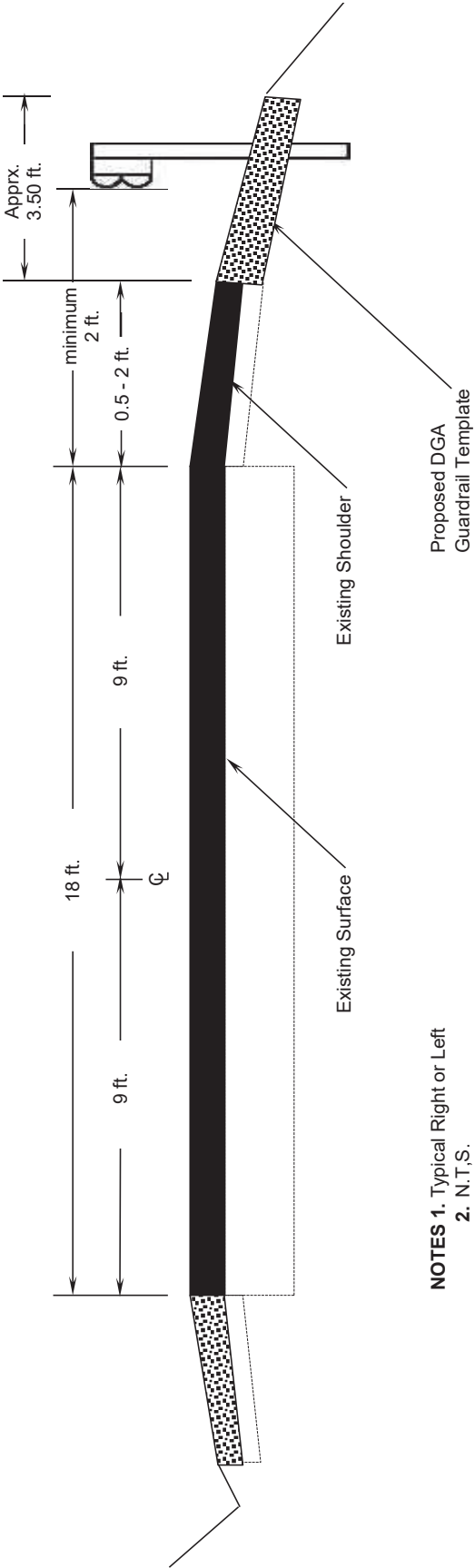
NOTES 1. Typical Right or Left
2. N.T.S.

TYPICAL SECTION
KY 779
MILEPOINT 7.679-8.608



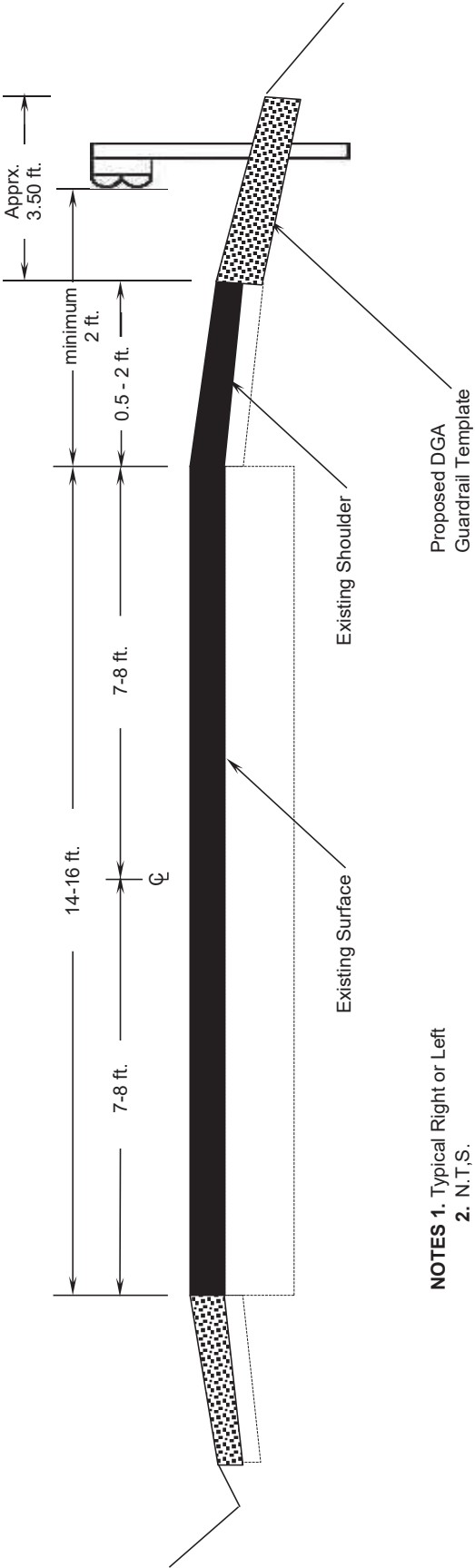
NOTES 1. Typical Right or Left
2. N.T.S.

TYPICAL SECTION
KY 836



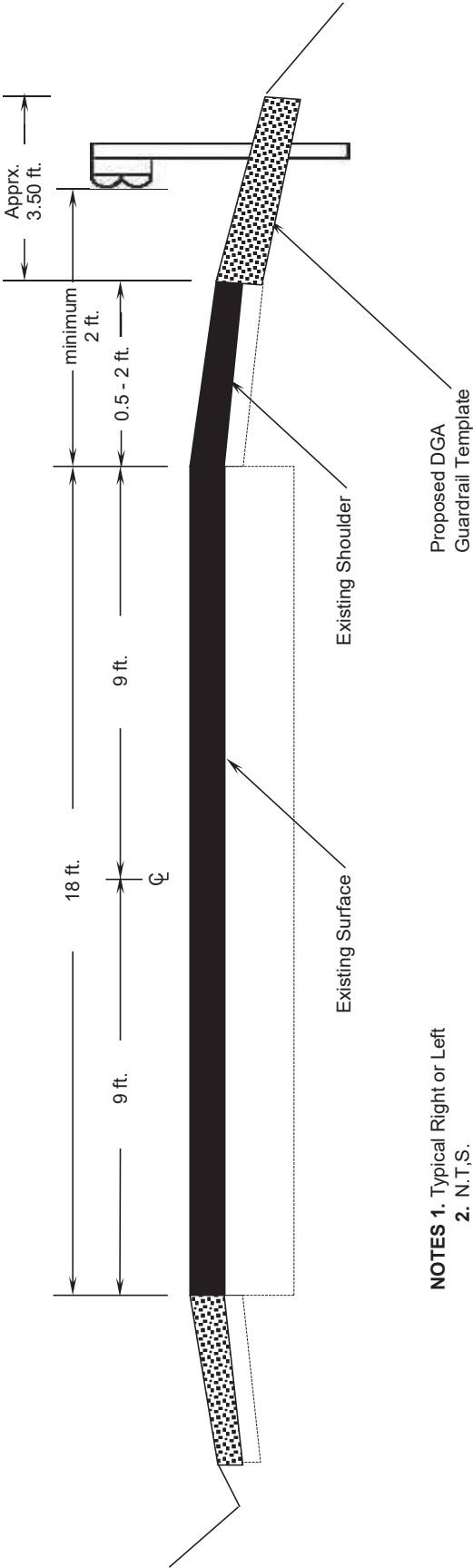
NOTES 1. Typical Right or Left
2. N.T.S.

TYPICAL SECTION
KY 856

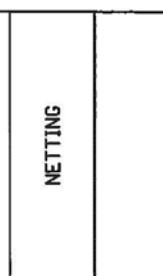


NOTES 1. Typical Right or Left
2. N.T.S.

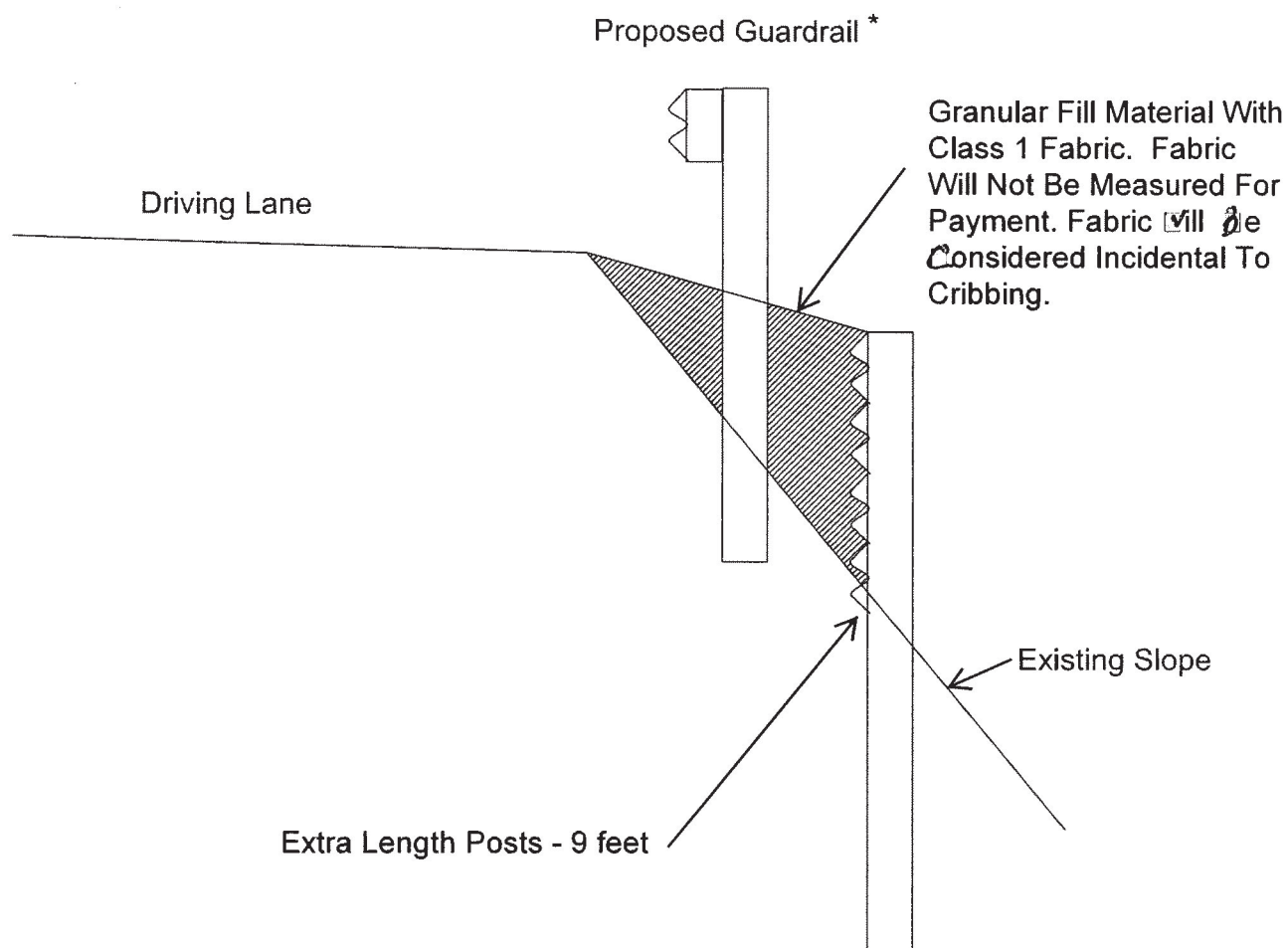
TYPICAL SECTION
KY 1064



NOTES 1. Typical Right or Left
2. N.T.S.

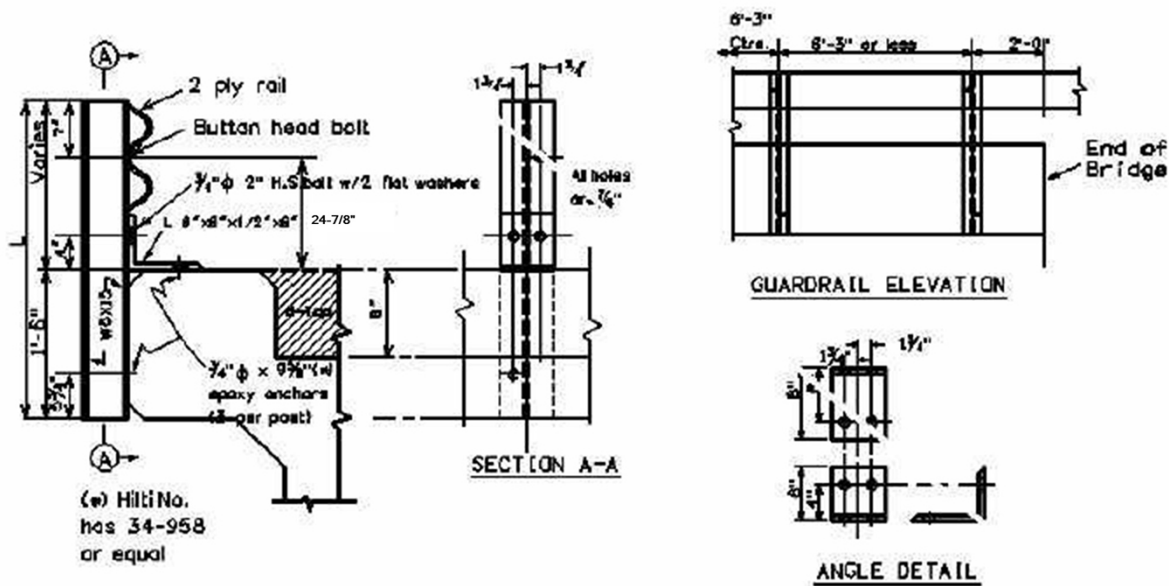


Cribbing Detail



* MIN. 2 FT FACE OFFSET FROM EOP

GUARDRAIL ON BRIDGE, CASE I
BLACKTOP FLUSH WITH CURB OR ABOVE
KY 1064



| Bridge MP | D = | W = | L = | No. Posts | LF of 2 PLY Rail |
|-----------|-----|-----|-----|-----------|------------------|
| 10.77 | 0" | 12" | 5 ' | 14 | 100 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

L = Length of Guardrail Post D = Curb Height W = Width of Bridge Curb

WARRANTS: When guardrail can be bolted to the back of the bridge curb, and where the bridge surface is flush with the curb top, and where the clear distance between the faces of the guardrail is less than 20 Feet, remove existing concrete and/or guardrail bridge rail and use Case I Bridge Guardrail.

- NOTES:**
- 1. If asphalt paving is included in the Contract and the dimension from the top of the existing riding surface to the top of the curb is 2 inches or less, pave the surface flush to the top of the curb, and use Case I Bridge Guardrail.
 - 2. Do not use Case I Bridge Guardrail if existing pavement is not flush with the pavement and asphalt pavement is not included in the Contract or if the dimension from top of the existing riding surface to the top of the curb is greater than 2 inches.

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

2020 KENTUCKY STANDARD DRAWINGS

| | |
|---------------------------------------------------------|------------|
| GUAEDRAILCONNECTOR TO BRIDGE END TYPE A | RBC-005-01 |
| GUAEDRAILCONNECTOR TO BRIDGE END TYPE A NOTES | RBC-0005N |
| TYPICAL GUARDRAIL INSTALLATIONS | RBI-001-12 |
| TYPICAL GUARDRAIL INSTALLATIONS | RBI-002-07 |
| INSTALLATION OF GUARDRAIL END TREATMENT TYPE 1 | RBI-004-06 |
| STEEL BEAM GUARDRAIL (“W”-BEAM)..... | RBR-001-13 |
| GUARDRAIL COMPONENTS..... | RBR-005-11 |
| GUARDRAIL TERMINAL SECTIONS | RBR-010-06 |
| STEEL GUARDRAIL POSTS..... | RBR-015-06 |
| GUARDRAIL SYSTEM TRANSITION | RBR-018 |
| GUARDRAIL END TREATMENT TYPE 3 | RBR-030-05 |
| GUARDRAIL END TREATMENT TYPE 3 ALTERNATE ANCHOR | RBR-032 |
| GUARDRAIL END TREATMENT TYPE 4A | RBR-035-12 |
| GUARDRAIL END TREATMENT TYPE 7 | RBR-050-08 |
| GUARDRAIL END TREATMENT TYPE 7 ALTERNATE ANCHOR | RBR-051-01 |
| 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..... | RDX-230-01 |
| CURVE WIDENING AND SUPERELEVATION TRANSITIONS | RGS-001-07 |
| MISCELLANEOUS STANDARDS..... | RGX-001-06 |
| LANE CLOSURE TWO-LANE HIGHWAY | TTC-100-05 |
| SHOULDER CLOSURE | TTC-135-03 |
| PAVEMENT CONDITION WARNING SIGNS..... | TTD-125-06 |

PART III

EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

**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.

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

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.

EXECUTIVE BRANCH CODE OF ETHICS

In the 1992 regular legislative session, the General Assembly passed and Governor Brereton Jones signed Senate Bill 63 (codified as KRS 11A), the Executive Branch Code of Ethics, which states, in part:

KRS 11A.040 (7) provides:

No present or former public servant shall, within six (6) months following termination of his office or employment, accept employment, compensation, or other economic benefit from any person or business that contracts or does business with, or is regulated by, the state in matters in which he was directly involved during the last thirty-six (36) months of his tenure. This provision shall not prohibit an individual from returning to the same business, firm, occupation, or profession in which he was involved prior to taking office or beginning his term of employment, or for which he received, prior to his state employment, a professional degree or license, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved during the last thirty-six (36) months of his tenure in state government. This subsection shall not prohibit the performance of ministerial functions, including but not limited to filing tax returns, filing applications for permits or licenses, or filing incorporation papers, nor shall it prohibit the former officer or public servant from receiving public funds disbursed through entitlement programs.

KRS 11A.040 (9) states:

A former public servant shall not represent a person or business before a state agency in a matter in which the former public servant was directly involved during the last thirty-six (36) months of his tenure, for a period of one (1) year after the latter of:

- a) The date of leaving office or termination of employment; or
- b) The date the term of office expires to which the public servant was elected.

This law is intended to promote public confidence in the integrity of state government and to declare as public policy the idea that state employees should view their work as a public trust and not as a way to obtain private benefits.

If you have worked for the executive branch of state government within the past six months, you may be subject to the law's prohibitions. The law's applicability may be different if you hold elected office or are contemplating representation of another before a state agency.

Also, if you are affiliated with a firm which does business with the state and which employs former state executive-branch employees, you should be aware that the law may apply to them.

In case of doubt, the law permits you to request an advisory opinion from the Executive Branch Ethics Commission, 1025 Capital Center Drive, Suite 104, Frankfort, Kentucky 40601; telephone (502) 564-7954.

Revised: May 23, 2022

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:
<https://www.eProcurement.ky.gov>.

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.

For additional information:



1-866-4-USWAGE

(1-866-487-9243)

TTY: 1-877-889-5627



WWW.WAGEHOUR.DOL.GOV

PART IV

INSURANCE

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

PART V

BID ITEMS

Report Date 9/21/23

Section: 0001 - GUARDRAIL

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------------------------------------------|-----------|------|-----------|----|--------|
| 0010 | 00001 | | DGA BASE | 1,826.00 | TON | | \$ | |
| 0020 | 01982 | | DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE | 45.00 | EACH | | \$ | |
| 0030 | 01987 | | DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE | 171.00 | EACH | | \$ | |
| 0040 | 02355 | | GUARDRAIL-STEEL W BEAM-S FACE A (7 FOOT POSTS) | 200.00 | LF | | \$ | |
| 0050 | 02360 | | GUARDRAIL TERMINAL SECTION NO 1 | 22.00 | EACH | | \$ | |
| 0060 | 02363 | | GUARDRAIL CONNECTOR TO BRIDGE END TY A | 4.00 | EACH | | \$ | |
| 0070 | 02367 | | GUARDRAIL END TREATMENT TYPE 1 | 9.00 | EACH | | \$ | |
| 0080 | 02371 | | GUARDRAIL END TREATMENT TYPE 7 | 3.00 | EACH | | \$ | |
| 0090 | 02373 | | GUARDRAIL END TREATMENT TYPE 3 | 2.00 | EACH | | \$ | |
| 0100 | 02391 | | GUARDRAIL END TREATMENT TYPE 4A | 2.00 | EACH | | \$ | |
| 0110 | 02399 | | EXTRA LENGTH GUARDRAIL POST (9 foot) | 120.00 | EACH | | \$ | |
| 0120 | 02399 | | EXTRA LENGTH GUARDRAIL POST (9 FOOT) | 65.00 | EACH | | \$ | |
| 0130 | 02562 | | TEMPORARY SIGNS | 1,600.00 | SQFT | | \$ | |
| 0140 | 02650 | | MAINTAIN & CONTROL TRAFFIC (FD 118 0205 002-003) | 1.00 | LS | | \$ | |
| 0150 | 02650 | | MAINTAIN & CONTROL TRAFFIC (FD04 118 0779 006-007) | 1.00 | LS | | \$ | |
| 0160 | 02650 | | MAINTAIN & CONTROL TRAFFIC (FD04 118 0779 007-008) | 1.00 | LS | | \$ | |
| 0170 | 02650 | | MAINTAIN & CONTROL TRAFFIC (FD04 118 0779 008-009) | 1.00 | LS | | \$ | |
| 0180 | 02650 | | MAINTAIN & CONTROL TRAFFIC (FD04 118 0856 000-001) | 1.00 | LS | | \$ | |
| 0190 | 02650 | | MAINTAIN & CONTROL TRAFFIC (FD04 118 0856 000-002) | 1.00 | LS | | \$ | |
| 0200 | 02650 | | MAINTAIN & CONTROL TRAFFIC (FD04 118 1064 010-011) | 1.00 | LS | | \$ | |
| 0210 | 02650 | | MAINTAIN & CONTROL TRAFFIC (FD04 118 1064 013-014) | 1.00 | LS | | \$ | |
| 0220 | 02650 | | MAINTAIN & CONTROL TRAFFIC (FD04 118 1064 06-007) | 1.00 | LS | | \$ | |
| 0230 | 02650 | | MAINTAIN & CONTROL TRAFFIC (KY 836) | 1.00 | LS | | \$ | |
| 0240 | 03236 | | CRIBBING | 8,690.00 | SQFT | | \$ | |
| 0250 | 08805 | | GUARDRAIL-BRIDGE CASE I | 100.00 | LF | | \$ | |
| 0260 | 21802EN | | G/R STEEL W BEAM-S FACE (7 FT POST) | 10,200.00 | LF | | \$ | |

Section: 0002 - DEMOBILIZATION

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------|----------|------|-----------|----|--------|
| 0270 | 02569 | | DEMOBILIZATION | 1.00 | LS | | \$ | |