



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

May 22, 2024

CALL NO. 405
CONTRACT ID NO. 242178
ADDENDUM # 1

Subject: WHITLEY COUNTY, 118GR24P016-FD04
Letting May 23, 2024

- (1) Revised - Special Notes - Pages 17-20 of 46
- (2) Revised - Material Summary - Pages 29-29A of 46
- (3) Revised - Summary Sheets - Pages 30-31 of 46
- (4) Revised - Proposal Bid Items - Page 46 of 46

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in black ink that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures

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. Metal End Section Type 2. See Section 71-02-01 and Standard Drawings RDB-150-02 and RDI-035-02.

G. Entrance Pipe. See Standard Drawing RBI-001-10.

H. Dense Graded Aggregate. Furnish Dense Graded Aggregate (DGA) according to Section 302.02. Do not furnish Crushed Stone Base in lieu of DGA.

Guardrail
Page 2 of 4

I. 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. Remove Guardrail End Treatments. Remove Guardrail End Treatments according to Section 719.03.03 and 719.03.07, except deliver salvaged components to the Department's Whitley County maintenance facility.

D. 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 two (2) 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.

E. Delineators for Guardrail. Install Delineators for Guardrail according to Standard Drawing RBR-055-01, except space 50 feet on centers.

F. 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.

Guardrail
Page 3 of 4

G. Entrance Pipe & Metal End Section. Install Pipe and Metal End Sections as shown on the Standard Drawings and as directed by the Engineer.

H. 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.

I. 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.

J. 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.

K. 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.

L. 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.

M. 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. Remove Guardrail End Treatments. The Department will measure removed guardrail end treatments not associated with removing guardrail in individual units, Each.

D. Guardrail System. See Section 719.04.

Guardrail
Page 4 of 4

E. Delineators for Guardrail. See the Standard Drawing RBR-055-01.

F. Extra Length Posts. The Department will measure Extra Length Posts in individual units, Each.

G. Geotextile Fabric. The Department will not measure Geotextile Fabric, but shall be incidental to Cribbing.

H. Cribbing. The Department will measure Cribbing in square feet of finished in-place area. The Department will not measure laps, cutoffs, excess, and waste.

I. Entrance Pipe. See Section 701.04.03.

J. Metal End Section. See Standard Drawing RDB-150-02.

K. Dense Graded Aggregate. See Section 302.04.

L. Erosion Control. See Special Notes for Erosion Control.

V. BASIS OF PAYMENT

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

B. Remove Guardrail End Treatments. Accept payment at the Contract unit price as full payment for all labor, materials, equipment, and incidentals for removing the end treatments and delivery to the Department's Whitley County maintenance facility.

C. Guardrail System. See Section 719.05.

D. Delineators for Guardrail. See the Standard Drawing RBR-055-01.

E. 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.

F. 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.

G. Entrance Pipe. See Section 701.05.

H. Metal End Section. See Standard Drawing RDB-150-02.

I. Dense Graded Aggregate. See Section 302.05.

MATERIAL SUMMARY

CONTRACT ID: 242178

118GR24P016-FD04

MP11807272402

5TH STREET ROAD (KY 727) FROM 116 FEET EAST OF GREYSTONE FARM DRIVE EXTENDING EAST TO 385 FEET WEST OF SANDERLIN DRIVE GUARDRAIL, A DISTANCE OF 1.89 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00001	DGA BASE	100.00	TON
0010	00440	ENTRANCE PIPE-15 IN	100.00	LF
0015	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	16.00	EACH
0020	02351	GUARDRAIL-STEEL W BEAM-S FACE	962.50	LF
0025	02360	GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH
0030	02371	GUARDRAIL END TREATMENT TYPE 7	2.00	EACH
0035	02373	GUARDRAIL END TREATMENT TYPE 3	2.00	EACH
0040	02399	EXTRA LENGTH GUARDRAIL POST - (9 FOOT)	45.00	EACH
0045	02562	TEMPORARY SIGNS	300.00	SQFT
0050	02650	MAINTAIN & CONTROL TRAFFIC - (KY 727)	1.00	LS
0055	03236	CRIBBING	460.00	SQFT
0060	24381EC	G/R STEEL W BEAM-S FACE (NESTED)	125.00	LF
0065	02569	DEMOBILIZATION	1.00	LS
0070	01380	METAL END SECTION TY 2-15 IN - (ADDED 5-22-24)	2.00	EACH
0075	23148EN	END ANCHORS - (ADDED 5-22-24)	2.00	EACH
0080	02483	CHANNEL LINING CLASS II - (ADDED 5-22-24)	25.00	TON

MATERIAL SUMMARY

CONTRACT ID: 242178

118GR24P016-FD04

MP11807792401

BROWNS CREEK ROAD (KY 779) FROM 3220 FEET EAST OF PERKINS CEMETERY EXTENDING EAST TO 5,037 FEET WET OF WOODS HOLLOW ROAD GUARDRAIL, A DISTANCE OF 2.27 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0070	00001	DGA BASE	625.00	TON
0075	00440	ENTRANCE PIPE-15 IN	150.00	LF
0080	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	78.00	EACH
0085	02351	GUARDRAIL-STEEL W BEAM-S FACE	3,637.50	LF
0090	02360	GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH
0095	02371	GUARDRAIL END TREATMENT TYPE 7	3.00	EACH
0100	02373	GUARDRAIL END TREATMENT TYPE 3	3.00	EACH
0105	02396	REMOVE GUARDRAIL END TREATMENT - (TYPE 7)	1.00	EACH
0110	02399	EXTRA LENGTH GUARDRAIL POST - (9 FOOT)	300.00	EACH
0115	02562	TEMPORARY SIGNS	750.00	SQFT
0120	02650	MAINTAIN & CONTROL TRAFFIC - (KY 779)	1.00	LS
0125	03236	CRIBBING	5,050.00	SQFT
0130	24381EC	G/R STEEL W BEAM-S FACE (NESTED)	150.00	LF
0135	02569	DEMOBILIZATION	1.00	LS
0140	01380	METAL END SECTION TY 2-15 IN - (ADDED 5-22-24)	2.00	EACH
0145	23148EN	END ANCHORS - (ADDED 5-22-24)	2.00	EACH
0150	02483	CHANNEL LINING CLASS II - (ADDED 5-22-24)	25.00	TON

**GUARDRAIL SUMMARY
KY 727**

NEW GUARDRAIL						REMOVE GUARDRAIL					
LANE	END TREAT.	BEGIN MILEPOINT	END MILEPOINT	END TREAT.	LIN FEET	REMARKS	LANE	BEGIN MILEPOINT	END MILEPOINT	LIN FEET	REMARKS
East Bound	Type 3	0.990	1.060	Term Sect No. 1	375.0	1 Metal End Section					
West Bound	Type 7	0.990	1.030	Type 7	212.5						
East Bound	Type 3	2.810	2.880	Term Sect No. 1	375.0	1 Metal End Section					

Totals = 962.5

Totals = 0.0

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

**GUARDRAIL SUMMARY
 KY 779**

NEW GUARDRAIL							REMOVE GUARDRAIL				
LANE	END TREAT.	BEGIN MILEPOINT	END MILEPOINT	LIN FEET	REMARKS	LANE	BEGIN MILEPOINT	END MILEPOINT	LIN FEET	REMARKS	
West Bound	Type 7	2.030	2.360	1,750.0	Tie to existing	West Bound		2.360		Remove End Treat Type 7	
West Bound	Term Sect No 1	3.490	3.580	487.5	Term Sect No. 1						
East Bound	Term Sect No 1	4.060	4.079	112.5	Type 7						
East Bound	Type 7	4.079	4.120	225.0	Type 3					1 Metal End Section	
West Bound	Type 3	4.100	4.300	1,062.5	Term Sect No. 1					1 Metal End Section	
				Totals =	3,637.5					Totals =	0.0

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

PROPOSAL BID ITEMS

Report Date 5/22/24

Page 1 of 1

Section: 0001 - GUARDRAIL

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	725.00	TON		\$	
0020	00440		ENTRANCE PIPE-15 IN	250.00	LF		\$	
0025	01380		METAL END SECTION TY 2-15 IN (ADDED 5-22-24)	4.00	EACH		\$	
0030	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	94.00	EACH		\$	
0040	02351		GUARDRAIL-STEEL W BEAM-S FACE	4,600.00	LF		\$	
0050	02360		GUARDRAIL TERMINAL SECTION NO 1	6.00	EACH		\$	
0060	02371		GUARDRAIL END TREATMENT TYPE 7	5.00	EACH		\$	
0070	02373		GUARDRAIL END TREATMENT TYPE 3	5.00	EACH		\$	
0080	02396		REMOVE GUARDRAIL END TREATMENT (TYPE 7)	1.00	EACH		\$	
0090	02399		EXTRA LENGTH GUARDRAIL POST (9 FOOT)	345.00	EACH		\$	
0095	02483		CHANNEL LINING CLASS II (ADDED 5-22-24)	50.00	TON		\$	
0100	02562		TEMPORARY SIGNS	1,050.00	SQFT		\$	
0110	02650		MAINTAIN & CONTROL TRAFFIC (KY 727)	1.00	LS		\$	
0120	02650		MAINTAIN & CONTROL TRAFFIC (KY 779)	1.00	LS		\$	
0130	03236		CRIBBING	5,510.00	SQFT		\$	
0135	23148EN		END ANCHORS (ADDED 5-22-24)	4.00	EACH		\$	
0140	24381EC		G/R STEEL W BEAM-S FACE (NESTED)	275.00	LF		\$	

Section: 0002 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0150	02569		DEMOBILIZATION	1.00	LS		\$	