



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

January 17, 2012

CALL NO. 400
CONTRACT ID NO. 122001
ADDENDUM # 1

Subject: Floyd County, 036GR12P004-FD51
Letting January 27, 2012

- (1) Revised - Special Notes - Pages 12-18 of 102
- (2) Revised - Material Summary - Pages 27-31 of 102
- (3) Revised - Bid Items - Pages 101-102 of 102

Proposal revisions are available at <http://transportation.ky.gov/contract/>.

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

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

Ryan Griffith
Director
Division of Construction Procurement

RG:ks
Enclosures



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SPECIAL NOTES
FLOOD REPAIR PROJECT

I. DESCRIPTION

This work shall be performed in accordance with the Department's Current Standard Specifications and applicable Special Provisions except as hereafter specified. Article references are to the Standard Specifications.

This work shall consist of: (1) Clear and grub, install temporary erosion control, temporary pollution control, seed and protect disturbed area, and final dress area, as needed; (2) Do necessary excavation; (3) Furnish and install railroad rails; (4) **Install wall cribbing furnished by the Department of Highways**; (5) Excavate, place geotextile material, and backfill the area around the railroad rails and on the fill slope; (6) Reconstruct shoulder area; (7) Furnish and install slope protection, as applicable; (8) Remove and reset guardrail, as required; (9) Maintain and control traffic; and (10) any other work as specified by this contract.

II. MATERIALS

All materials shall be sampled and tested in accordance with the Department's Sampling Manual and the materials shall be available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing unless otherwise specified in these Notes.

A. Railroad Rails. Use recycled (used) railroad rails classified with a nominal weight of 130 lb./yd (pounds per yard) size or greater. Use only visibly straight recycled railroad rails with no splices. The Engineer will verify rail nominal weights (Manufacturer's Stamp with lb./yd, date, etc.). Provide Certification for nominal weight if the Manufacturer's Stamp is unidentifiable.

B. Wall Cribbing. Use wall cribbing: recycled (used) steel "W" beam guardrail. **Cribbing material will furnished by the Department of Highways.** Wall cribbing will be located at the *Department of Highways Floyd County Maintenance Facility at Minnie.* It will be up to the contractor as to which Maintenance Facility is the most convenient for each route.

C. Backfill material for Drilled Sockets. Use the following for backfill material for Drilled sockets: concrete; free flowing sand; pea gravel, crushed limestone, or crushed sandstone. Use backfill material with one hundred percent (100%) passing a one-half (1/2) inch sieve. Do not use auger tailings. Engineer will use visual inspection and/or material testing, as applicable to determine acceptability.

- D. Fill Material for CRIBBING.** Use one of the following backfill materials: Kentucky Aggregate Gradation No. 2's or larger. Backfill material shall meet requirements of Section 805. The Engineer will use visual inspection and/or material testing, as applicable to determine acceptability.
- E. DGA.** Furnish Dense Graded Aggregate as per Section 805. Do not use Crushed Stone Base.
- F. Final Dressing, Seed and Protection.** Use Seed Mixture No. 1.
- G. Silt Trap A, B or C.** Furnish Silt traps as per Std Drawings and Section 213.
- H. Silt Fence.** Furnish Temporary Silt Fence as per Section 213 and Section 827.
- I. Geotextile Fabric.** Furnish Geotextile Fabric Type 1 as per Section 843.
- J. Guardrail Posts.** See Special Notes for Guardrail.
- K. Slope Protection.** Furnish Cyclopean Stone Rip Rap and Class B Concrete.

III. CONSTRUCTION METHODS

- A. Maintain and Control Traffic.** See Traffic Control Plan.
- B. Staking.** The Department will Establish proper slope elevations and ratios, shoulder widths, existing ditch profile and final ditch profile to insure positive drainage. Be responsible for field layout. Positive drainage is required upon completion of the project and is the responsibility of the Contractor.
- C. Site Preparation.** Prepare flood repair sites. This includes clearing and grubbing, if necessary. **Remove all obstructions including the existing gabion baskets that have fallen in the creek.** This removal will be incidental to other items of work. Sweep and remove debris, if necessary. The area to be cleared has not been measured by the Department and the bidder must draw his own conclusions. Construct silt checks and Temporary silt fence at locations directed by the engineer. The Engineer shall approve all site preparation. The Department will not make direct payment for site preparation.
- D. Installation of Railroad Rails.** See attached summary for site locations and estimated quantities of materials required. Contrary to the attached tables and drawings for drilled railroad rails, Install only 1 Row of RR Rails on 3 foot centers unless otherwise shown on the summary or mentioned in these notes. The depth to rock shown on the

location summary is approximate. The embankment failures at these sites are caused by erosion.

NOTE TO ENGINEER AND CONTRACTOR: ABSOLUTELY NO CHANGE IN SCOPE OF WORK OR INCREASE IN QUANTITIES WILL BE ALLOWED ON THIS PROJECT WITHOUT PRIOR WRITTEN APPROVAL FROM THE DISTRICT PROJECT DELIVERY AND PRESERVATION BRANCH MANAGER.

THE DEPARTMENT SHALL NOT BE LIABLE FOR PAYMENTS DUE TO ADDITIONAL WORK THAT HAS NOT BEEN AUTHORIZED BY THE AFOREMENTIONED PERSONS.

Install used railroad rail piling in drilled sockets in rock or stable material under the landslides (see figure 1) or the eroded areas (see figure 2) as project location dictates or as directed by the Engineer.

Drill the socket, furnish, and install the railroad rails into holes at slide locations. If the Engineer determines from the sounding obtained at a drilled socket that railroad rail piling cannot be used in that socket, the depth of the socket shall be measured and 50% of the depth shall be paid as "Railroad Rail-Drilled". Drill sockets into solid rock, if possible. The Department will monitor each hole, which will serve as a sounding for the rail to be installed in it. Embed the railroad rail into solid rock no less than one-half the free end length of the rail. (See figure 1 and figure 2). If solid rock cannot be obtained, the Engineer will determine the length of embedment required in other stable foundation. Allow adequate size of the drilled socket to allow free insertion of the railroad rail, but the maximum socket size is 1 foot in diameter.

After each hole is drilled, install railroad rail immediately with the flanges positioned perpendicular to the direction of the landslide or break (see figure 3). Determine the height of rail that is needed to reestablish pavement and shoulder typical section. Cut off excess rail flush with the proposed ground line that is not needed. Use cutoffs elsewhere in the project if possible; unusable cutoffs remain the property of the Contractor.

After railroad rail is installed, immediately backfill the drilled hole with the approved materials. Shovel the backfill material into the hole in small amounts. Avoid bridging between the rail and the sides of the hole. Do not use Auger tailings as backfill material.

When double or triple rows are required, stagger the rows to obtain the required spacing. Keep the spacing between the rows of rails as close as is practical; do not space between the rows of more than 2 feet, if possible. See figure 3 (Case II and Case III) for the diagrams showing two (2) or three (3) rows of rails. Select the spacing as per Table 1 for all 130 pound per yard rail or greater. The Department shall approve the selection prior to work being performed.

Crib any exposed portion of railroad rail before placing backfill.

E. *Excavation and Backfill for Embankment Repair.* Excavate each embankment/flood repair area to provide a platform for drilling the used railroad rails, if necessary. Excavate for roadway ditches as necessary for slope, shoulder and pavement drainage. Place geotextile fabric, then construct embankment behind railroad rails, cribbing and on slope, as per Section 206. Construct embankment up to the approximate existing pavement elevation.

Reconstruct the shoulder area with DGA up to the approximate existing elevation and width of the surrounding typical section or to a minimum width of 2 Feet at each slide location. Do not pond water on the shoulder area or at the shoulder edge. Reconstruct the shoulder before installing guardrail. Asphalt paving will not be part of the contract. If necessary, asphalt paving will be done by state forces at a later date.

DO NOT USE EXCAVATED MATERIAL FROM THE SITE AS FILL MATERIAL.

Excess excavation may be wasted at sites on the right-of-way, **ONLY** if approved by the Engineer. Material may **NOT** be wasted in flood prone areas or in streams.

If the Engineer deems no suitable sites are available within the right-of-way, the Contractor will be required to waste excess material off the right-of-way at sites obtained by the Contractor at no cost to the Department.

F. *Installation of Wall Cribbing.* Install Cribbing as shown on Figure 1 or Figure 2 as slide location dictates or as directed by the Engineer. Extend wall cribbing 2 feet below the existing ground line. If bedded rock is encountered, install the cribbing to the bedded rock only. If necessary, the Engineer will direct changes to this procedure. Furnish all labor and equipment to deliver and install wall cribbing on the recycled (used) railroad rail piling. Wall cribbing shall be lapped, bolted, and attached solid to the drilled railroad rails.

G. *Final Dressing, Seeding and Protection.* Apply Final Dressing; Class A to all disturbed areas, both on and off the right-of-way. Sow with Seed Mixture No. 1. The Department will **NOT** make direct payment for final dressing, or seeding and protection.

H. *Guardrail.* See Special Notes for Guardrail.

I. *On-Site Inspection.* Each Contractor submitting a bid for this work shall make a thorough inspection of the site prior to submitting his bid and shall thoroughly familiarize themselves with the existing conditions so that the work can be expeditiously performed after a contract is awarded. Submission of a bid will be considered evidence of this inspection having been made.

J. *Right-of-Way Limits.* Right-of-Way and easement limits shown on the plans are approximate only. The Contractor shall make every effort to limit his activities to obvious

right-of-way and permanent or temporary easements and shall be responsible for encroachments onto private lands.

K. Property Damage. The Contractor will be responsible for all damage to public and/or private property resulting from his work.

L. Utility Clearance *NOTICE: Utility locations are not shown on plans or in the proposal for this project and have not been located by the Department. 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. Notify the Engineer and the utility owner(s) immediately when it is discovered or anticipated that any utility conflict could delay the Contractor's operations. Do not disturb existing overhead or underground utilities. Be responsible for repairing all utility damage that occurs as a result of the work 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. Working days will not be charged for those days on which work on the controlling item is delayed, as provided in the Specifications. If the total delay exceeds ten working days, an extension of the specified completion date will be negotiated with the Contractor for delay to the Contractor's work; however no extension will be granted for any delay caused by the Contractor's failure to notify the Engineer and/or the utility company as specified above when a conflict is discovered or anticipated as specified. Comply with applicable sections of Chapter 107.*

M. Asphalt Patching. Asphalt paving will not be part of the contract. If necessary, asphalt paving will be done by state forces at a later date.

N. Slope Protection. Excavate and place Cyclopean Stone Rip Rap to protect slopes as directed by the Engineer. In addition to the requirements of Section 703, the Engineer may require additional hand placement. After placement of Cyclopean Stone, flood the Rip Rap with Class B Concrete to a depth of 6" over the top of the Rip Rap.

IV. METHOD OF MEASUREMENT

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

B. Railroad Rail-Drilled. The Department will measure this item in Linear Feet finished in-place length: Laps, cutoffs, excess and waste will not be measured for payment. If the Engineer determines from the sounding obtained at a drilled socket that railroad rail piling cannot be used in that socket, the depth of the socket shall be measured and 50% of the depth shall be paid as "Railroad Rail-Drilled".

C. Wall Cribbing The Department will measure this item in square feet finished in-place area. Laps, cutoffs, excess and waste will not be measured for payment.

D. Excavation and Backfill. The Department will measure this item in cubic yards. The Department will measure the quantity in the field as per Section 204 (Roadway Excavation) or other accepted methods of measurement as directed by the Engineer. The following items will not be measured directly by the Department: Site Preparation, Clearing and Grubbing, Seeding and Protection, Final Dressing, Temporary Erosion Control, Temporary Pollution Control, Waste removal, and Disposal, but will be incidental to "Excavation and Backfill" as applicable to each project.

E. Site Preparation, Clearing and Grubbing, Seeding and Protection, Fertilizer, Temporary Erosion Control, Temporary Pollution Control, Waste Disposal. The Department will NOT MEASURE for payment these items. They include Site Preparation, Clearing and Grubbing, Seeding and Protection, Final Dressing, Temporary Erosion Control, Temporary Pollution Control, Waste Disposal, and other items not expressly bid as individual items. These items shall be incidental to the bid item "Excavation and Backfill" as applicable to each project.

F. Guardrail. See Special Notes for Guardrail.

V. BASIS OF PAYMENT

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

B. Railroad Rail-Drilled. The Department will pay for the completed and accepted quantities under the bid item of "Railroad Rail-Drilled". The Department will consider payment full compensation for all work required in these notes and elsewhere in the Contract.

C. Excavation and Backfill. The Department will pay for the completed and accepted quantities under the bid item: Excavation and Backfill. Payment will be based on quantity measured in the field. The Department will consider payment full compensation for all work required on the project. The following items are incidental to "Excavation and Backfill" and will not be measured directly by the Department. These items include Site Preparation, Clearing and Grubbing, Seeding and Protection, Final Dressing, Temporary Erosion Control, Temporary Pollution Control, Waste removal and Disposal.

D. Wall Cribbing. The Department will pay for the completed and accepted quantities under the bid item of "Cribbing". Payment will be based on the quantity installed in the field. The Department will not make separate payment for the hauling of the wall cribbing to the slide site. The Department will consider payment full compensation for all work required on the project.

E. Site Preparation, Clearing and Grubbing, Seeding and Protection, Fertilizer, Temporary Erosion Control, Temporary Pollution Control, Waste Disposal. The Department will NOT make direct payment for operations for which bid items do not exist. They include items listed here: Site Preparation, Clearing and Grubbing, Seeding and Protection, Final Dressing, Temporary Erosion Control, Temporary Pollution Control, Waste removal and Disposal. These activities shall be incidental to the bid item “Excavation and Backfill” as applicable to each project.

F. Guardrail. See Special Notes for Guardrail.

MATERIAL SUMMARY

CONTRACT ID: 122001

FD51 036 0122 000-008 PES NO: MP03601221102
SPURLOCK CREEK ROAD (KY 122) BEGINNING AT JCT KY 114 (MP 0.000) EXTENDING EASTERLY
TO JCT KY 80 (MP 8.520), A DISTANCE OF 8.520000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0040	02555	CONCRETE-CLASS B FOR GROUT	4.00	CUYD
0010	02562	SIGNS	150.00	SQFT
0020	02650	MAINTAIN & CONTROL TRAFFIC KY 122	1.00	LS
0030	08019	CYCLOPEAN STONE RIP RAP	40.00	TON
0050	02569	DEMOBILIZATION	1.00	LS

FD51 036 0194 000-006 PES NO: MP03601941101
COW CREEK ROAD (KY 194) BEGINNING AT JCT 1428 (MP 0.000) EXTENDING EASTERLY TO JCT
KY 3385 (MP 5.417), A DISTANCE OF 5.420000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	02562	SIGNS	150.00	SQFT
0020	02599	FABRIC-GEOTEXTILE TYPE IV	155.00	SQYD
0030	02650	MAINTAIN & CONTROL TRAFFIC KY 194	1.00	LS
0040	03234	RAILROAD RAILS-DRILLED	1,131.00	LF
0050	03235	EXCAVATION AND BACKFILL	64.00	CUYD
0060	03236	CRIBBING	574.00	SQFT
0070	02569	DEMOBILIZATION	1.00	LS

FD51 036 0466 000-001 PES NO: MP03604661101
WEEKSBURY ROAD (KY 466) BEGINNING 0.400 MILES FROM BEGIN STATE MAINTENANCE (MP 0.
400) EXTENDING NORTHERLY 0.040 MILES FROM BEGINNING (MP 0.440), A DISTANCE OF 0.
040000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	02562	SIGNS	150.00	SQFT
0020	02599	FABRIC-GEOTEXTILE TYPE IV	143.00	SQYD
0030	02650	MAINTAIN & CONTROL TRAFFIC KY 466	1.00	LS
0040	03234	RAILROAD RAILS-DRILLED	858.00	LF
0050	03235	EXCAVATION AND BACKFILL	61.00	CUYD
0060	03236	CRIBBING	549.00	SQFT
0070	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 122001

FD51 036 0850 003-004 PES NO: MP03608501101
HIPPO-PYRAMID ROAD (KY 850) BEGINNING 0.483 MILES SOUTHWEST OF PITS FORK ROAD (MP 3.885) EXTENDING NORTHEASTERLY 0.115 MILES FROM BEGINNING (MP 4.000), A DISTANCE OF 0.120000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0080	02555	CONCRETE-CLASS B FOR GROUT	4.00	CUYD
0030	02562	SIGNS	150.00	SQFT
0050	02650	MAINTAIN & CONTROL TRAFFIC KY 850	1.00	LS
0070	08019	CYCLOPEAN STONE RIP RAP	40.00	TON
0090	02569	DEMOBILIZATION	1.00	LS

FD51 036 1086 000-005 PES NO: MP03610861101
WAYLAND-MINNIE ROAD (KY 1086) 5 SITES BEGINNING AT KY 7 (MP 0.000) EXTENDING TO JCT KY 680 (MP 4.593), A DISTANCE OF 4.590000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	01982	DELINEATOR FOR GUARDRAIL-WHITE	10.00	EACH
0020	02351	GUARDRAIL-STEEL W BEAM-S FACE	512.50	LF
0030	02360	GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH
0040	02371	GUARDRAIL END TREATMENT TYPE 7	4.00	EACH
0050	02555	CONCRETE-CLASS B FOR GROUT	8.00	CUYD
0060	02562	SIGNS	150.00	SQFT
0070	02599	FABRIC-GEOTEXTILE TYPE IV	329.00	SQYD
0080	02650	MAINTAIN & CONTROL TRAFFIC KY 1086	1.00	LS
0090	03234	RAILROAD RAILS-DRILLED	2,187.00	LF
0100	03235	EXCAVATION AND BACKFILL	138.00	CUYD
0110	03236	CRIBBING	1,229.00	SQFT
0120	08019	CYCLOPEAN STONE RIP RAP	85.00	TON
0130	02569	DEMOBILIZATION	1.00	LS

FD51 036 1100 000-006 PES NO: MP03611001101
LITTLE PAINT CREEK ROAD (KY 1100) BEGINNING AT KY 1750 (MP 0.000) EXTENDING EASTERLY TO JCT US 23 (MP 5.251), A DISTANCE OF 5.250000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	01982	DELINEATOR FOR GUARDRAIL-WHITE	2.00	EACH
0020	02383	REMOVE & RESET GUARDRAIL	87.50	LF
0030	02562	SIGNS	150.00	SQFT
0040	02599	FABRIC-GEOTEXTILE TYPE IV	62.00	SQYD
0050	02650	MAINTAIN & CONTROL TRAFFIC KY 1100	1.00	LS
0060	03234	RAILROAD RAILS-DRILLED	429.00	LF
0070	03235	EXCAVATION AND BACKFILL	26.00	CUYD
0080	03236	CRIBBING	232.00	SQFT
0090	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 122001

FD51 036 1210 000-008 PES NO: MP03612101101
STEPHENS BRANCH ROAD (KY 1210) 4 SITES BEGINNING AT KY 80 (MP 0.000) EXTENDING
NORTHERLY TO JCT KY 404 (MP 7.761), A DISTANCE OF 7.760000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	01982	DELINEATOR FOR GUARDRAIL-WHITE	7.00	EACH
0020	02351	GUARDRAIL-STEEL W BEAM-S FACE	362.50	LF
0030	02371	GUARDRAIL END TREATMENT TYPE 7	4.00	EACH
0040	02381	REMOVE GUARDRAIL	75.00	LF
0050	02555	CONCRETE-CLASS B FOR GROUT	5.00	CUYD
0060	02562	SIGNS	150.00	SQFT
0070	02599	FABRIC-GEOTEXTILE TYPE IV	252.00	SQYD
0080	02650	MAINTAIN & CONTROL TRAFFIC KY 1210	1.00	LS
0090	03234	RAILROAD RAILS-DRILLED	1,107.00	LF
0100	03235	EXCAVATION AND BACKFILL	114.00	CUYD
0110	03236	CRIBBING	1,010.00	SQFT
0120	08019	CYCLOPEAN STONE RIP RAP	60.00	TON
0130	02569	DEMobilIZATION	1.00	LS

FD51 036 1426 000-008 PES NO: MP03614261101
BANNER TO HAROLD ROAD (KY 1426) 6 SITES BEGINNING AT US 23 (MP 0.000) EXTENDING
EASTERLY TO JCT KY 680 (MP 7.684), A DISTANCE OF 7.680000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	01982	DELINEATOR FOR GUARDRAIL-WHITE	2.00	EACH
0030	02351	GUARDRAIL-STEEL W BEAM-S FACE	112.50	LF
0040	02360	GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH
0050	02371	GUARDRAIL END TREATMENT TYPE 7	1.00	EACH
0060	02383	REMOVE & RESET GUARDRAIL	275.00	LF
0070	02555	CONCRETE-CLASS B FOR GROUT	6.00	CUYD
0080	02562	SIGNS	150.00	SQFT
0090	02599	FABRIC-GEOTEXTILE TYPE IV	318.00	SQYD
0100	02650	MAINTAIN & CONTROL TRAFFIC KY 1426	1.00	LS
0110	03234	RAILROAD RAILS-DRILLED	1,695.00	LF
0120	03235	EXCAVATION AND BACKFILL	140.00	CUYD
0130	03236	CRIBBING	1,247.00	SQFT
0140	08019	CYCLOPEAN STONE RIP RAP	60.00	TON
0150	02569	DEMobilIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 122001

FD51 036 1427 000-005 PES NO: MP03614271102
STATE ROAD FORK (KY 1427) BEGINNING AT KY 114 (MP 0.000) EXTENDING EASTERLY TO KY
1750 (MP 4.580), A DISTANCE OF 4.580000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0130	02555	CONCRETE-CLASS B FOR GROUT	7.00	CUYD
0060	02562	SIGNS	150.00	SQFT
0080	02650	MAINTAIN & CONTROL TRAFFIC KY 1427	1.00	LS
0120	08019	CYCLOPEAN STONE RIP RAP	75.00	TON
0140	02569	DEMOBILIZATION	1.00	LS

FD51 036 1929 000-006 PES NO: MP03619291101
FRASURE CREEK ROAD (KY 1929) 3 SITES BEGINNING AT BEGIN OF STATE MAINTENANCE (MP 0.
000) EXTENDING NORTHERLY TO KY 680 (MP 5.058), A DISTANCE OF 5.060000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	01982	DELINEATOR FOR GUARDRAIL-WHITE	5.00	EACH
0020	02351	GUARDRAIL-STEEL W BEAM-S FACE	225.00	LF
0030	02371	GUARDRAIL END TREATMENT TYPE 7	2.00	EACH
0040	02383	REMOVE & RESET GUARDRAIL	87.50	LF
0050	02555	CONCRETE-CLASS B FOR GROUT	4.00	CUYD
0060	02562	SIGNS	150.00	SQFT
0070	02599	FABRIC-GEOTEXTILE TYPE IV	169.00	SQYD
0080	02650	MAINTAIN & CONTROL TRAFFIC KY 1929	1.00	LS
0090	03234	RAILROAD RAILS-DRILLED	780.00	LF
0100	03235	EXCAVATION AND BACKFILL	76.00	CUYD
0110	03236	CRIBBING	679.00	SQFT
0120	08019	CYCLOPEAN STONE RIP RAP	30.00	TON
0130	02569	DEMOBILIZATION	1.00	LS

FD51 036 2030 000-008 PES NO: MP03620301101
PRINTER TO HAROLD ROAD (KY 2030) 4 SITES BEGINNING AT KY 122 (MP 0.000) EXTENDING
EASTERLY TO KY 1426 (MP 7.801), A DISTANCE OF 7.800000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	01982	DELINEATOR FOR GUARDRAIL-WHITE	3.00	EACH
0020	02351	GUARDRAIL-STEEL W BEAM-S FACE	162.50	LF
0030	02371	GUARDRAIL END TREATMENT TYPE 7	2.00	EACH
0040	02383	REMOVE & RESET GUARDRAIL	225.00	LF
0050	02555	CONCRETE-CLASS B FOR GROUT	4.00	CUYD
0060	02562	SIGNS	150.00	SQFT
0070	02599	FABRIC-GEOTEXTILE TYPE IV	295.00	SQYD
0080	02650	MAINTAIN & CONTROL TRAFFIC KY 2030	1.00	LS
0090	03234	RAILROAD RAILS-DRILLED	1,293.00	LF
0100	03235	EXCAVATION AND BACKFILL	125.00	CUYD
0110	03236	CRIBBING	1,116.00	SQFT
0120	08019	CYCLOPEAN STONE RIP RAP	30.00	TON
0130	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 122001

FD51 036 2554 000-002

PES NO: MP03625541101

WILSON CREEK ROAD (KY 2554) BEGINNING AT KY 80 (MP 0.000) EXTENDING EASTERLY TO END OF STATE MAINTENANCE (MP 1.760), A DISTANCE OF 1.760000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	01982	DELINEATOR FOR GUARDRAIL-WHITE	3.00	EACH
0020	02351	GUARDRAIL-STEEL W BEAM-S FACE	150.00	LF
0030	02371	GUARDRAIL END TREATMENT TYPE 7	2.00	EACH
0040	02555	CONCRETE-CLASS B FOR GROUT	4.00	CUYD
0050	02562	SIGNS	150.00	SQFT
0060	02599	FABRIC-GEOTEXTILE TYPE IV	131.00	SQYD
0070	02650	MAINTAIN & CONTROL TRAFFIC KY 2554	1.00	LS
0080	03234	RAILROAD RAILS-DRILLED	546.00	LF
0090	03235	EXCAVATION AND BACKFILL	60.00	CUYD
0100	03236	CRIBBING	532.00	SQFT
0110	08019	CYCLOPEAN STONE RIP RAP	45.00	TON
0130	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 122001
COUNTY: FLOYD
PROPOSAL: 036GR12P004-FD51

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LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
SECTION 0001 ROADWAY						
0010	01982	DELINEATOR FOR GUARDRAIL-WHITE	32.000	EACH		
0030	02351	GUARDRAIL-STEEL W BEAM-S FACE	1,525.000	LF		
0040	02360	GUARDRAIL TERMINAL SECTION NO 1	3.000	EACH		
0050	02371	GUARDRAIL END TREATMENT TYPE 7	15.000	EACH		
0060	02381	REMOVE GUARDRAIL	75.000	LF		
0070	02383	REMOVE & RESET GUARDRAIL	675.000	LF		
0080	02555	CONCRETE-CLASS B FOR GROUT	46.000	CUYD		
0090	02562	SIGNS	1,800.000	SQFT		
0100	02599	FABRIC-GEOTEXTILE TYPE IV	1,854.000	SQYD		
0110	02650	MAINTAIN & CONTROL TRAFFIC KY 1086	(1.00)	LS		
0120	02650	MAINTAIN & CONTROL TRAFFIC KY 1100	(1.00)	LS		
0130	02650	MAINTAIN & CONTROL TRAFFIC KY 1210	(1.00)	LS		
0140	02650	MAINTAIN & CONTROL TRAFFIC KY 122	(1.00)	LS		
0150	02650	MAINTAIN & CONTROL TRAFFIC KY 1426	(1.00)	LS		
0160	02650	MAINTAIN & CONTROL TRAFFIC KY 1427	(1.00)	LS		
0170	02650	MAINTAIN & CONTROL TRAFFIC KY 1929	(1.00)	LS		
0180	02650	MAINTAIN & CONTROL TRAFFIC KY 194	(1.00)	LS		
0190	02650	MAINTAIN & CONTROL TRAFFIC KY 2030	(1.00)	LS		
0200	02650	MAINTAIN & CONTROL TRAFFIC KY 2554	(1.00)	LS		
0210	02650	MAINTAIN & CONTROL TRAFFIC KY 466	(1.00)	LS		

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LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0220	02650	MAINTAIN & CONTROL TRAFFIC KY 850	(1.00)	LS		
0230	03234	RAILROAD RAILS-DRILLED	10,026.000	LF		
0240	03235	EXCAVATION AND BACKFILL	804.000	CUYD		
0250	03236	CRIBBING	7,168.000	SQFT		
0260	08019	CYCLOPEAN STONE RIP RAP	465.000	TON		
SECTION 0002 DEMOBILIZATION						
0280	02569	DEMOBILIZATION (AT LEAST 1.5%)		LUMP		
		TOTAL BID				