



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

July 22, 2025

CALL NO. 404
CONTRACT ID NO. 252113
ADDENDUM # 2

Subject: Henry-Shelby Counties, 121GR25P036 - FD05
Letting July 24, 2025

- (1) Revised - Corrected Completion Date - Cover Page
- (2) Added - Special Note - Pages 38-38I of 76
- (3) Revised - Material Summary - Pages 42-44 of 76
- (4) Revised - Summary Sheet - Page 47 of 76
- (5) Added - Summary Sheet - Page 47A of 76
- (6) Revised - Proposal Bid Items - Pages 75-76 of 76

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



CALL NO. 404

CONTRACT ID. 252113

HENRY - SHELBY COUNTIES

FED/STATE PROJECT NUMBER 121GR25P036 - FD05

DESCRIPTION KY 22 & US 421 HENRY COUNTY & US 421 SHELBY COUNTY

WORK TYPE ASPHALT RESURFACING

PRIMARY COMPLETION DATE 06/30/2026

LETTING DATE: July 24, 2025

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

NO PLANS ASSOCIATED WITH THIS PROJECT.

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

SPECIAL NOTE FOR TRAFFIC SIGNAL LOOP DETECTORS

1.0 DESCRIPTION. Be advised that there are existing traffic signal loop detectors within the construction limits of this project. Except as specified herein, perform traffic signal loop replacement in accordance with the Department's Standard/Supplemental Specifications, Special Provisions, Special Notes, and Standard/Septia Drawings, current editions and as directed by the Engineer. Article references are to the Standard Specifications. Furnish all materials, labor, equipment, and incidentals for replacement of traffic signal loop installation(s) and all other work specified as part of this contract.

1.1 Pre-bid Requirements. Conform to Subsection 723.03.17

2.0 MATERIALS. Except as specified herein, furnish materials in accordance with Subsection 732.02 and Section 835. Provide for materials to be sampled and tested in accordance with the Department's Sampling Manual. Make materials 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 this Special Note.

2.1 Maintain and Control Traffic. See Traffic Control Plan.

2.2 Sand. Furnish natural sand meeting the requirements of Subsection 804.04.01.

2.3 Seeding. Furnish Seed Mix Type I.

2.4 Loop Saw Slot and Fill. Furnish loop sealant, backer rod, and non-shrink grout according to the Saw Slot Detail.

2.5 Junction Boxes. Furnish junction box type B, #57 aggregate, and geotextile filter type IV according to junction box detail.

2.6 Cable No. 14/1 Pair (Lead-in). Furnish cable that is specified in Section 835. Cable shall be ran splice free. This shall include splice kits to connect to the loop wire.

2.7 Conduit. Furnish and install appropriate conduit from transitions to the roadway, junction boxes and poles. See details below.

3.0 CONSTRUCTION. Except as specified herein, install and test Traffic Signal Loop Detectors in accordance with Section 723 and the drawings.

3.1 Testing. Conform to Subsection 723.03.17 (A)

3.2 Coordination. Conform to Subsection 723.03.17 (B)

3.3 Connection. Conform to Subsection 723.03.17 (C)

3.4 Maintain and Control Traffic. See Traffic Control Plan.

3.5 Milling. Conform to Subsection 723.03.17 (F)

3.6 Loop Saw Slot and Fill. Conform to Subsection 723.03.13 (A).

Traffic Signal Loop Detectors
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- 3.7 Backfilling and Disturbed Areas. Conform to Subsection 723.03.11.
- 3.8 Removal. Conform to Subsection 723.03.16.
- 3.9 Property/Roadway Damage. Conform to Subsection 723.03.17 (J).
- 3.10 Right-of-Way Limits. Conform to Subsection 723.03.17 (K).
- 3.11 Utility Clearance. Conform to Subsection 716.03.01.

3.12 Control. Obtain the Engineer’s approval of all designs required to be furnished by the Contractor prior to incorporation into the work. The Department reserves the right to permit other contractors, state forces, public utility companies, and others to do work during the construction within the limits of, or adjacent to, the project. Conduct operations and cooperate with such other parties so that interference with each other’s work will be reduced to a minimum. The Contractor agrees to make no claims against the Department for additional compensation due to delays or other conditions created by the operations of such other parties. Should a difference of opinion arise as to the rights of the Contractor and others working within the limits of, or adjacent to, the project, the Engineer will decide as to the respective rights of the various parties involved in order to ensure the completion of the work in general harmony and in a satisfactory manner, and the Engineer’s decision shall be final and binding upon the Contractor.

- 3.13 Bore and Jack. Conform to Subsection 723.03.06 (I).
- 3.14 Open Cut Roadway. Conform to Subsection 723.03.06 (I).

4.0 MEASUREMENT. See Subsection 723.04 for bid item notes. Additional bid items include the following:

4.1 Loop Test. The Department will measure the quantity as each individual unit loop tested. The Department will not measure disconnection, reconnection, traffic control, re-splicing per specifications, before and after testing per note above, and any associated hardware for payment and will consider them incidental to this item of work.

4.2 Remove Signal Equipment. The department will measure the quantity by each. The department will not measure backfilling and the disposal or transportation of equipment and materials associated with any structural or electrical component of the signal system including, but not limited to pole bases, poles, junction boxes, cabinets, and wood poles for payment and will consider them incidental to this item of work.

5.0 PAYMENT. The Department will make payment for the completed and accepted quantities of listed items according to Subsection 723.05 in addition to the following:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
Conduit 1”	4792	Linear Foot
PVC Conduit – 1 ¼ inch – sch 80	24900EC	Linear Foot

Traffic Signal Loop Detectors
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PVC Conduit – 2 inch – sch 80	24901EC	Linear Foot
Conduit 2”	4795	Linear Foot
Electrical Junction Box type B	4811	Each
Loop Test	24963ED	Each
Trenching and Backfilling	4820	Linear Foot
Loop Wire	4830	Linear Foot
Cable-No. 14/1 Pair	4850	Linear Foot ¹
Loop Saw Slot and Fill	4895	Linear Foot ¹
Bore and Jack Conduit	21543EN	Linear Foot ³
Open Cut Roadway	4821	Linear Foot ³
Remove Signal Equipment	24955ED	each

The Department will consider payment as full compensation for all work required under these notes and the Standard Specifications.

Contrary to section 723:

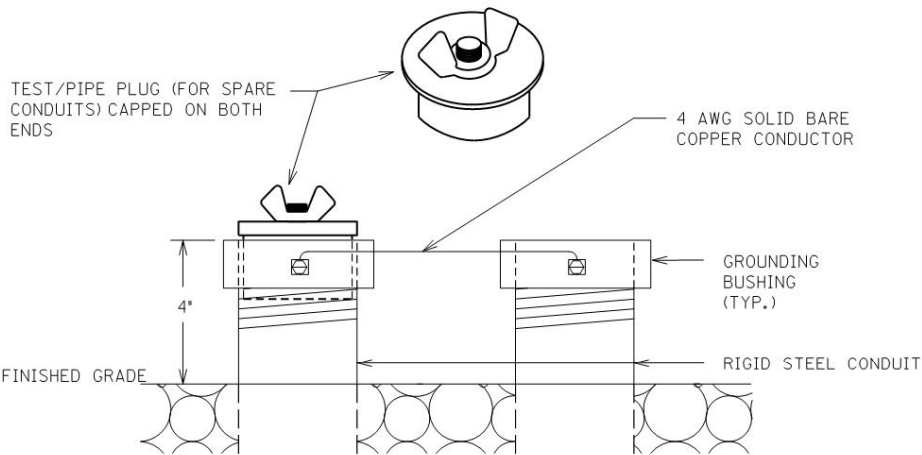
SUBSECTION: 03.13 Loop Installation.

REVISION: Replace first sentence note with the following:

twist unshielded loop wire (imsa 51-7) with 3 to 5 turns from the start of homerun to the inside conduit, junction box, cabinet, or pole. Twist unshielded loop wires (imsa 51-7) with 3 to 5 turns per foot from the start of the homerun to the junction box, cabinet, or pole. Slot can be widen to .5" to .625" to help with the installation of the twisted wire.

Traffic Signal Loop Detectors

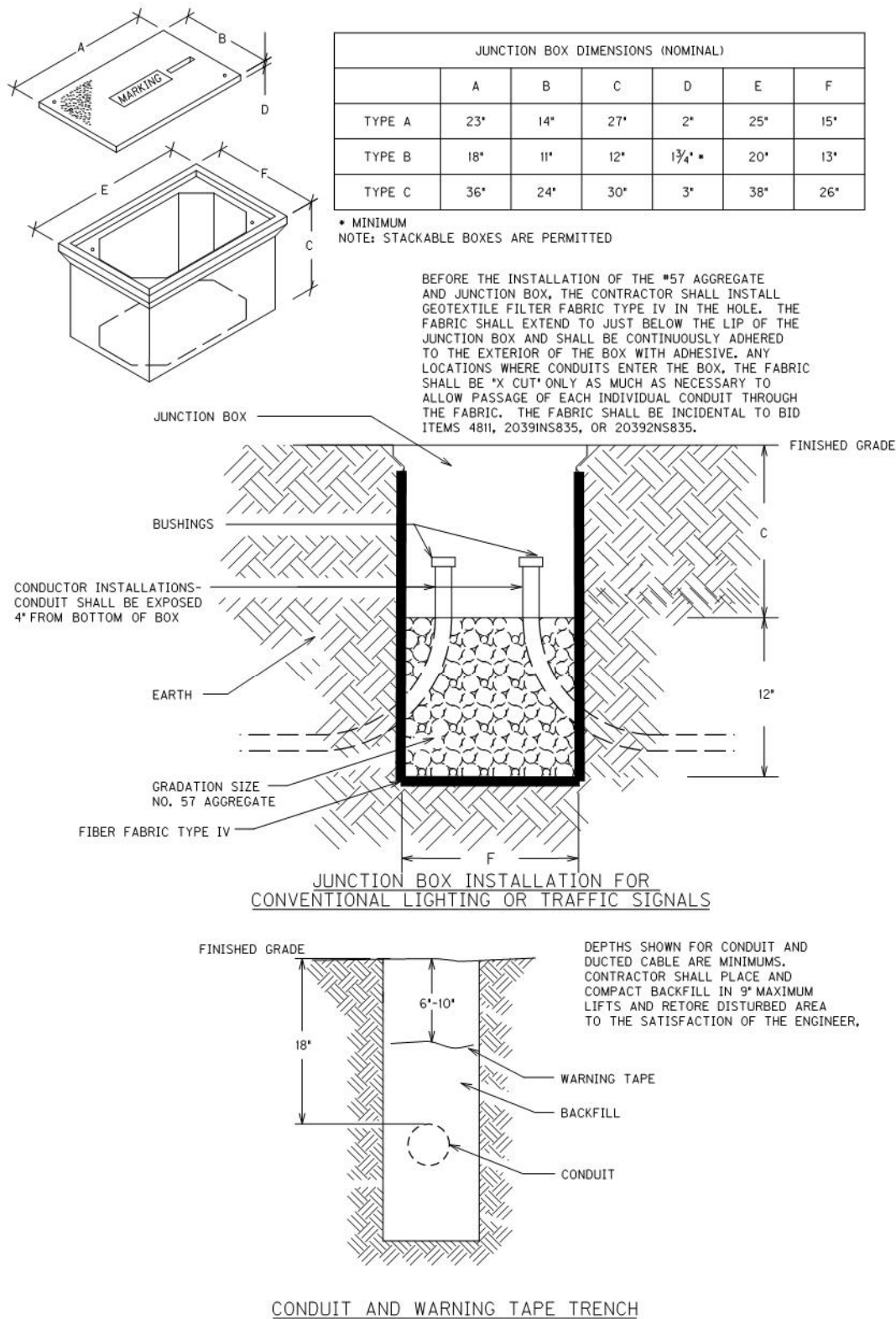
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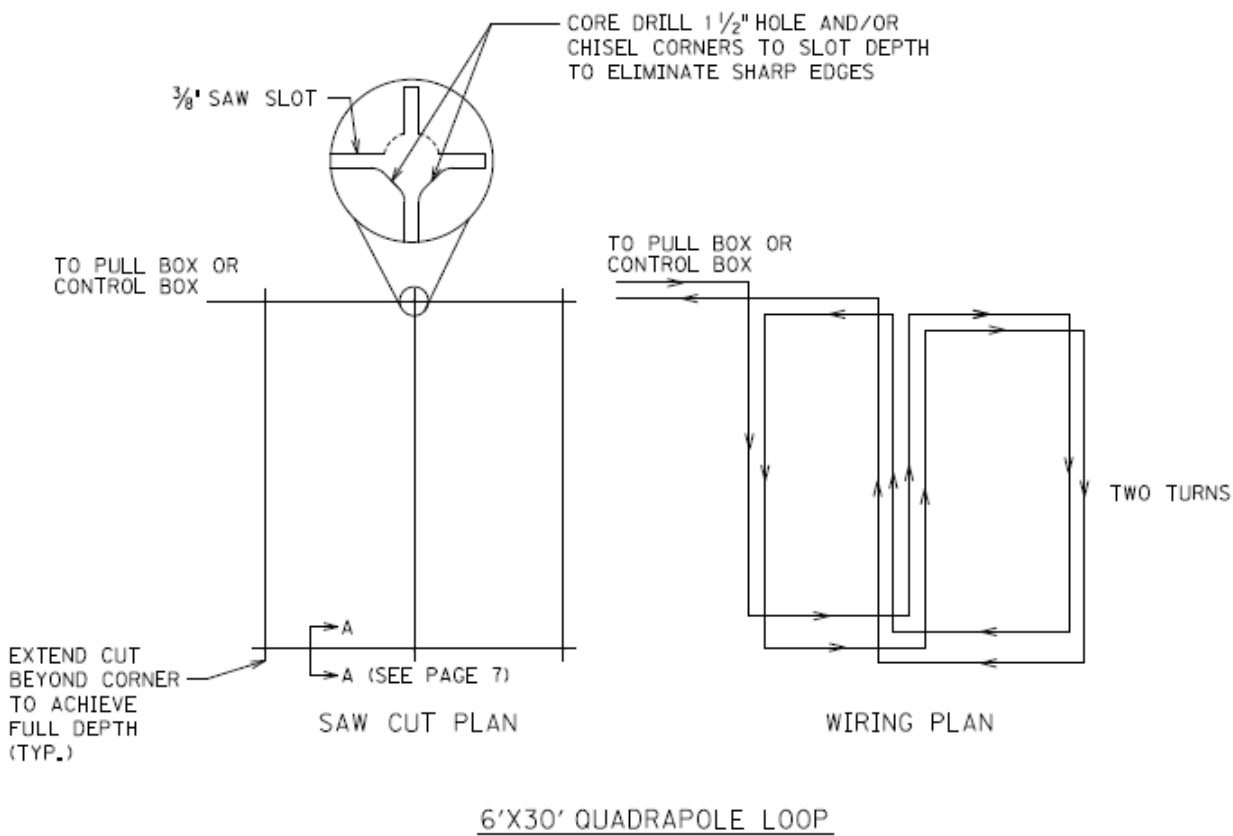
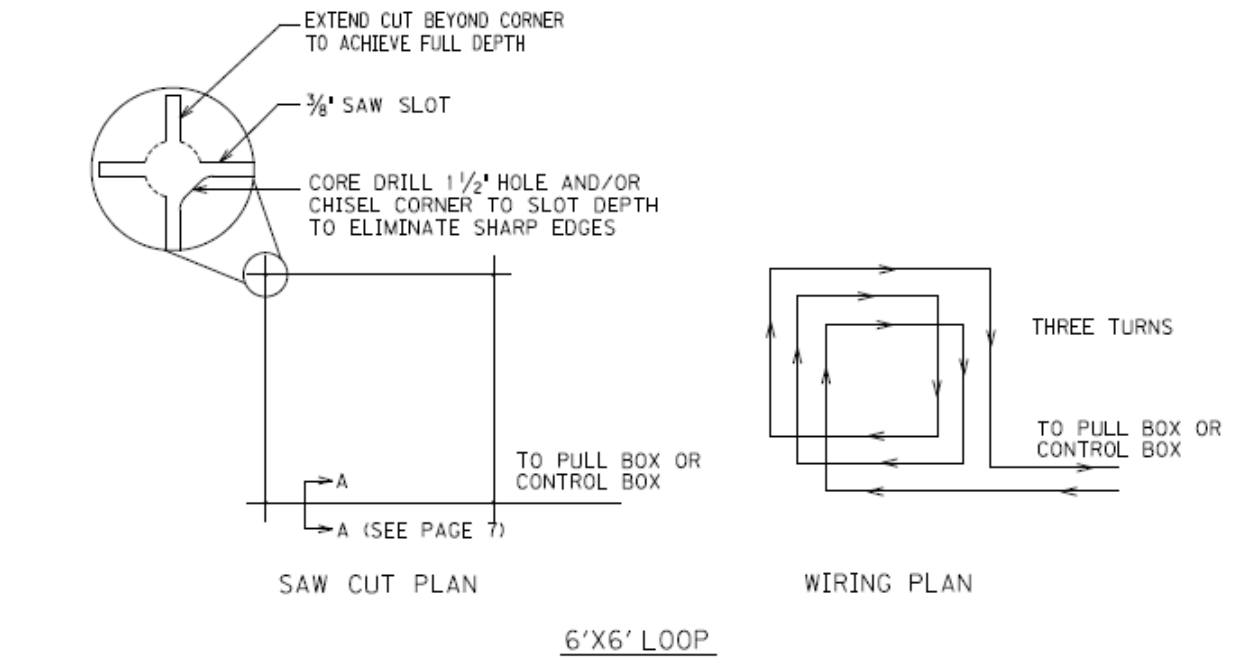
TEST/PIPE PLUG(FOR SPARE CONDUITS) AND GROUNDING DETAIL

Traffic Signal Loop Detectors

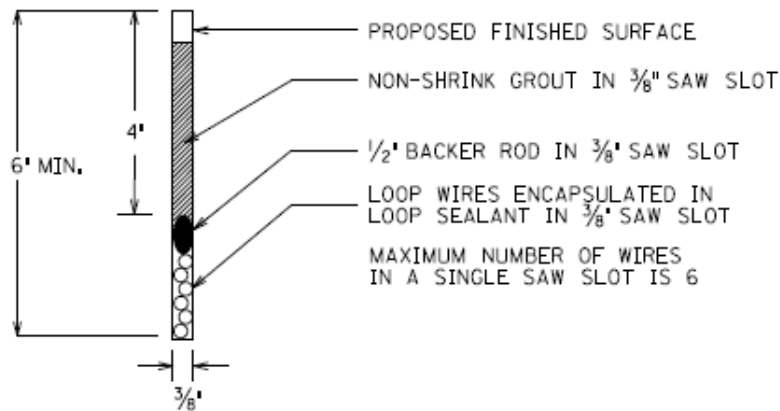
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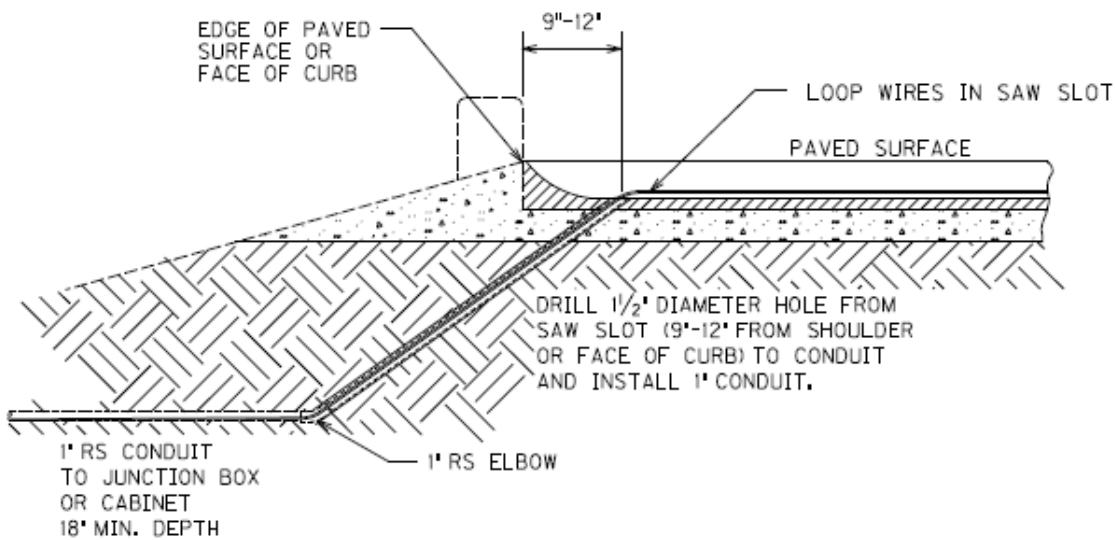
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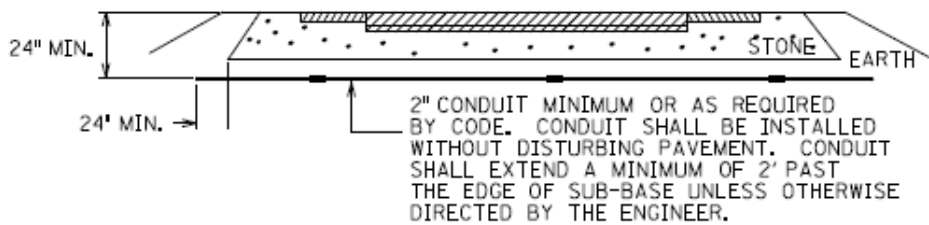
Traffic Signal Loop Detectors
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SECTION A-A (SAW SLOT DETAIL)



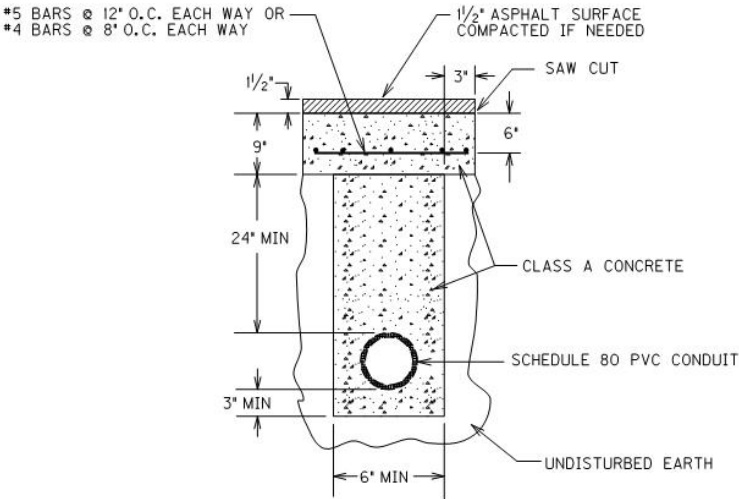
SAW SLOT EDGE OF PAVEMENT TRANSITION



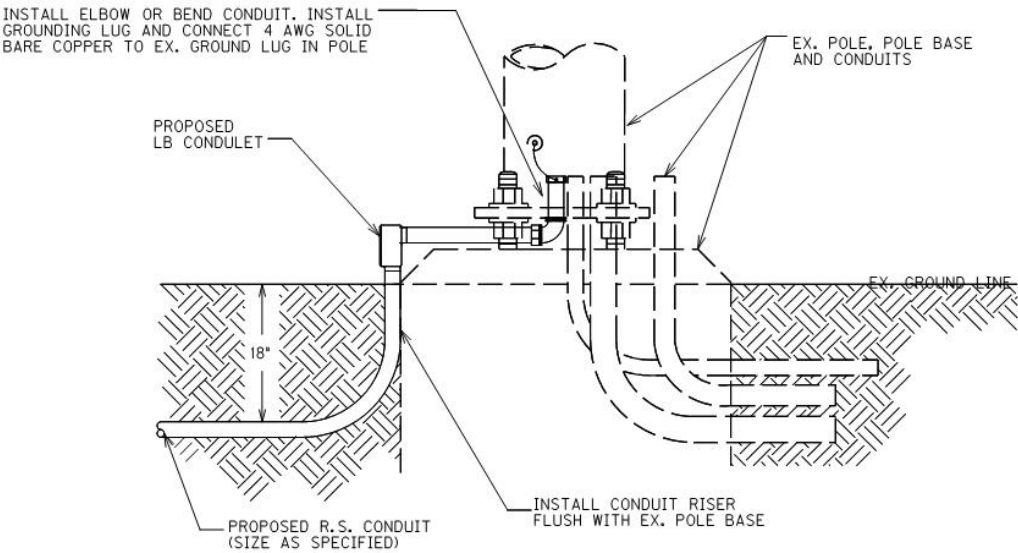
CONDUIT UNDER EXISTING PAVEMENT DETAIL

Traffic Signal Loop Detectors

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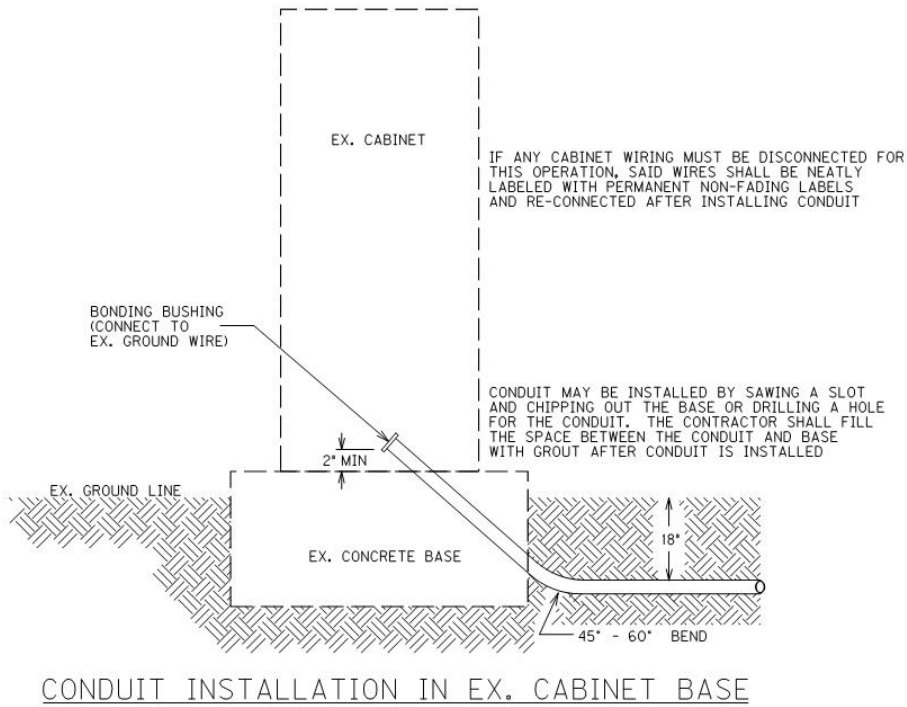


OPEN CUT PAVEMENT DETAIL



CONDUIT INSTALLATION IN EX. POLE BASE

Traffic Signal Loop Detectors
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Update: 4-5-2022

MATERIAL SUMMARY

CONTRACT ID: 252113

FD05 106 0421 000-001

MP05200222501

BALLARDSVILLE ROAD (KY 22) BEGIN AT THE OLDHAM/HENRY COUNTY LINE EXTENDING EAST TO KY 55 ASPHALT RESURFACING, A DISTANCE OF 7.42 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00190	LEVELING & WEDGING PG64-22	834.00	TON
0010	00301	CL2 ASPH SURF 0.38D PG64-22	5,830.00	TON
0020	02562	TEMPORARY SIGNS	430.00	SQFT
0025	02650	MAINTAIN & CONTROL TRAFFIC - (KY 22)	1.00	LS
0030	02676	MOBILIZATION FOR MILL & TEXT - (KY 22)	1.00	LS
0035	02677	ASPHALT PAVE MILLING & TEXTURING	650.00	TON
0040	02697	EDGE LINE RUMBLE STRIPS	65,578.00	LF
0045	03240	BASE FAILURE REPAIR	485.00	SQYD
0050	06510	PAVE STRIPING-TEMP PAINT-4 IN	78,065.00	LF
0055	06514	PAVE STRIPING-PERM PAINT-4 IN	400.00	LF
0060	06515	PAVE STRIPING-PERM PAINT-6 IN	150,000.00	LF
0065	06542	PAVE STRIPING-THERMO-6 IN W	220.00	LF
0070	06546	PAVE STRIPING-THERMO-12 IN W	680.00	LF
0075	06565	PAVE MARKING-THERMO X-WALK-6 IN	310.00	LF
0080	06568	PAVE MARKING-THERMO STOP BAR-24IN	116.00	LF
0085	06569	PAVE MARKING-THERMO CROSS-HATCH	1,000.00	SQFT
0090	06574	PAVE MARKING-THERMO CURV ARROW	7.00	EACH
0095	10020NS	FUEL ADJUSTMENT	10,785.00	DOLL
0100	10030NS	ASPHALT ADJUSTMENT	27,090.00	DOLL
0105	22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN	30.00	LF
0110	23261EC	PAVE MARK-THERMO-X-WALK-24 IN	170.00	LF
0115	24683ED	PAVE MARKING-THERMO DOTTED LANE EXTEN	110.00	LF
0120	26119EC	INSTALL RADAR PRESENCE DETECTOR TYPE A - (REVISED 7-22-25)	4.00	EACH
0130	02569	DEMOBILIZATION	1.00	LS
0135	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	44.00	TON
0140	04792	CONDUIT-1 IN - (ADDED 7-22-25)	40.00	LF
0145	04811	ELECTRICAL JUNCTION BOX TYPE B - (ADDED 7-22-25)	4.00	EACH
0150	04830	LOOP WIRE - (ADDED 7-22-25)	544.00	LF
0155	04894	PREFORMED LOOP/LEAD-IN - (ADDED 7-22-25)	100.00	LF
0160	04895	LOOP SAW SLOT AND FILL - (ADDED 7-22-25)	644.00	LF

MATERIAL SUMMARY

CONTRACT ID: 252113

FD05 106 0421 000-001

MP05204212501

CASTLE HIGHWAY (US 421) BEGIN 21 FEET NORTH OF KY 3322 EXTENDING NORTH TO KY 55 ASPHALT RESURFACING, A DISTANCE OF 2.82 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0135	00190	LEVELING & WEDGING PG64-22	243.00	TON
0140	00301	CL2 ASPH SURF 0.38D PG64-22	2,360.00	TON
0145	02650	MAINTAIN & CONTROL TRAFFIC - (US 421)	1.00	LS
0150	02676	MOBILIZATION FOR MILL & TEXT - (US 421)	1.00	LS
0155	02677	ASPHALT PAVE MILLING & TEXTURING	45.00	TON
0160	02697	EDGE LINE RUMBLE STRIPS	29,870.00	LF
0165	06510	PAVE STRIPING-TEMP PAINT-4 IN	15,000.00	LF
0170	06542	PAVE STRIPING-THERMO-6 IN W	30,000.00	LF
0175	06543	PAVE STRIPING-THERMO-6 IN Y	30,000.00	LF
0180	06568	PAVE MARKING-THERMO STOP BAR-24IN	32.00	LF
0185	10030NS	ASPHALT ADJUSTMENT	10,177.00	DOLL
0190	10030NS	ASPHALT ADJUSTMENT	4,052.00	DOLL
0195	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	17.00	TON
0200	02569	DEMOBILIZATION	1.00	LS
0205	02562	TEMPORARY SIGNS	270.00	SQFT
0210	03240	BASE FAILURE REPAIR	160.00	SQYD

MATERIAL SUMMARY

CONTRACT ID: 252113

FD05 106 0421 000-001

MP10604212501

CASTLE HIGHWAY (US 421) BEGIN AT THE HENRY/SHELBY COUNTY LINE EXTENDING NORTH TO THE SHELBY/HENRY COUNTY LINE ASPHALT RESURFACING, A DISTANCE OF .79 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0205	00190	LEVELING & WEDGING PG64-22	72.00	TON
0210	00301	CL2 ASPH SURF 0.38D PG64-22	725.00	TON
0215	02562	TEMPORARY SIGNS	210.00	SQFT
0220	02650	MAINTAIN & CONTROL TRAFFIC - (US 421 SHELBY COUNTY)	1.00	LS
0225	02676	MOBILIZATION FOR MILL & TEXT - (US 421 SHELBY COUNTY)	1.00	LS
0230	02677	ASPHALT PAVE MILLING & TEXTURING	15.00	TON
0235	02697	EDGE LINE RUMBLE STRIPS	8,342.00	LF
0240	03240	BASE FAILURE REPAIR	285.00	SQYD
0245	06542	PAVE STRIPING-THERMO-6 IN W	8,400.00	LF
0250	06543	PAVE STRIPING-THERMO-6 IN Y	8,400.00	LF
0255	10020NS	FUEL ADJUSTMENT	1,209.00	DOLL
0260	10030NS	ASPHALT ADJUSTMENT	3,038.00	DOLL
0265	20458ES403	CENTERLINE RUMBLE STRIPS	4,171.00	LF
0270	24683ED	PAVE MARKING-THERMO DOTTED LANE EXTEN	140.00	LF
0275	02569	DEMOBILIZATION	1.00	LS
0280	06510	PAVE STRIPING-TEMP PAINT-4 IN	2,000.00	LF
0285	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	5.00	TON

7.420	KY 22 W& KY 55		4		
TOTAL			4		

NOTES: At KY-22 & KY-322, need to retain existing loops, 2 advanced loops, and 4 stop bar loops

MPT.	INTERSECTION	LOOP WIRE	LOOP/LEAD-IN	SAW SLOT/FILL	ELECTRIC JUNCTION BOX TYPE B	CONDUIT - 1 IN
		LF	LF	LF	EA	LF
3.473	KY 22 & KY 322	544	100	644	4	40
TOTAL		544	100	644	4	40

252113

PROPOSAL BID ITEMS

Report Date 7/22/25

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00190		LEVELING & WEDGING PG64-22	1,149.00	TON		\$	
0020	00301		CL2 ASPH SURF 0.38D PG64-22	8,915.00	TON		\$	
0040	02562		TEMPORARY SIGNS	910.00	SQFT		\$	
0050	02650		MAINTAIN & CONTROL TRAFFIC (KY 22)	1.00	LS		\$	
0060	02650		MAINTAIN & CONTROL TRAFFIC (US 421 SHELBY COUNTY)	1.00	LS		\$	
0070	02650		MAINTAIN & CONTROL TRAFFIC (US 421)	1.00	LS		\$	
0080	02676		MOBILIZATION FOR MILL & TEXT (KY 22)	1.00	LS		\$	
0090	02676		MOBILIZATION FOR MILL & TEXT (US 421 SHELBY COUNTY)	1.00	LS		\$	
0100	02676		MOBILIZATION FOR MILL & TEXT (US 421)	1.00	LS		\$	
0110	02677		ASPHALT PAVE MILLING & TEXTURING	710.00	TON		\$	
0120	02697		EDGE LINE RUMBLE STRIPS	103,790.00	LF		\$	
0130	03240		BASE FAILURE REPAIR	930.00	SQYD		\$	
0131	04792		CONDUIT-1 IN (ADDED 7-22-25)	40.00	LF		\$	
0132	04811		ELECTRICAL JUNCTION BOX TYPE B (ADDED 7-22-25)	4.00	EACH		\$	
0133	04830		LOOP WIRE (ADDED 7-22-25)	544.00	LF		\$	
0134	04894		PREFORMED LOOP/LEAD-IN (ADDED 7-22-25)	100.00	LF		\$	
0135	04895		LOOP SAW SLOT AND FILL (ADDED 7-22-25)	644.00	LF		\$	
0140	06510		PAVE STRIPING-TEMP PAINT-4 IN	95,065.00	LF		\$	
0150	06514		PAVE STRIPING-PERM PAINT-4 IN	400.00	LF		\$	
0160	06515		PAVE STRIPING-PERM PAINT-6 IN	150,000.00	LF		\$	
0170	06542		PAVE STRIPING-THERMO-6 IN W	38,620.00	LF		\$	
0180	06543		PAVE STRIPING-THERMO-6 IN Y	38,400.00	LF		\$	
0190	06546		PAVE STRIPING-THERMO-12 IN W	680.00	LF		\$	
0200	06565		PAVE MARKING-THERMO X-WALK-6 IN	310.00	LF		\$	
0210	06568		PAVE MARKING-THERMO STOP BAR-24IN	148.00	LF		\$	
0220	06569		PAVE MARKING-THERMO CROSS-HATCH	1,000.00	SQFT		\$	
0230	06574		PAVE MARKING-THERMO CURV ARROW	7.00	EACH		\$	
0240	10020NS		FUEL ADJUSTMENT	11,994.00	DOLL	\$1.00	\$	\$11,994.00
0250	10030NS		ASPHALT ADJUSTMENT	44,357.00	DOLL	\$1.00	\$	\$44,357.00
0260	20458ES403		CENTERLINE RUMBLE STRIPS	4,171.00	LF		\$	
0270	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	30.00	LF		\$	
0280	23261EC		PAVE MARK-THERMO-X-WALK-24 IN	170.00	LF		\$	
0290	24683ED		PAVE MARKING-THERMO DOTTED LANE EXTEN	250.00	LF		\$	
0300	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	66.00	TON		\$	

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0310	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A (REVISED 7-22-25)	4.00	EACH		\$	

Section: 0002 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0330	02569		DEMOBILIZATION	1.00	LS		\$	