



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

December 7, 2023

CALL NO. 100
CONTRACT ID NO. 231112
ADDENDUM # 2

Subject: Oldham County, NHPP 0711 (129)
Letting December 14, 2023

- (1) Revised - Summary - Pages 39-41 of 236
- (2) Revised - Detail Sheet - Pages 47-48 of 236
- (3) Revised - Reference - Pages 135-136 of 236
- (4) Revised - Proposal Bid Items - Pages 234-236a of 236

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

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

Sincerely,

Rachel Mills,

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

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

RM:mr
Enclosures

I-71

OLDHAM COUNTY
ITEM NO. 5-22098 , PAVEMENT REHABILITATION
MILEPOINT 18.070 N.B. & 17.883 S.B. TO 22.221 N.B. & 22.201 S.B.
GENERAL SUMMARY

ITEM NUMBER	ITEM	UNIT	QUANTITY
00001	DGA BASE	① TON	3,430
00100	ASPHALT SEAL AGGREGATE	① TON	833
00103	ASPHALT SEAL COAT	① TON	100
00194	LEVELING & WEDGING PG76-22	① TON	500
00210	CL4 ASPH BASE 1.50D PG76-22	① TON	3,837
00219	CL4 ASPH BASE 1.00D PG76-22	① TON	28,928
00339	CL3 ASPH SURF 0.38D PG64-22	① TON	3,238
00342	CL4 ASPH SURF 0.38A PG76-22	① TON	15,921
02676	MOBILIZATION FOR MILL & TEXT	① LS	1
02677	ASPHALT PAVE MILLING & TEXTURING	① TON	33,082
20071EC	JOINT ADHESIVE	① LF	116,353
20509ED	BLOW UP/RELIEF JOINT	① SQYD	1,833
24964EC	FINE MILLING	① SQYD	228,045
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	① TON	151
01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	② EACH	240
01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	② EACH	357
02367	GUARDRAIL END TREATMENT TYPE 1	② EACH	10
02369	GUARDRAIL END TREATMENT TYPE 2A	② EACH	34
02373	GUARDRAIL END TREATMENT TYPE 3	② EACH	11
02381	REMOVE GUARDRAIL	② LF	30,437.5
02391	GUARDRAIL END TREATMENT TYPE 4A	② EACH	4
20191ED	OBJECT MARKER TY 3	② EACH	14
21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	② LF	29,745
25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	② EACH	8
01984	DELINEATOR FOR BARRIER - WHITE	EACH	10
01985	DELINEATOR FOR BARRIER - YELLOW	EACH	10
02003	RELOCATE TEMP CONC BARRIER	LF	460
02562	TEMPORARY SIGNS	SQFT	1,600
02650	MAINTAIN & CONTROL TRAFFIC	LS	1
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	8
02775	ARROW PANEL	EACH	2
02898	RELOCATE CRASH CUSHION	EACH	1
03171	CONCRETE BARRIER WALL TYPE 9T	LF	460
06511	PAVE STRIPING-TEMP PAINT-6 IN	LF	246,422
06513	PAVE STRIPING-TEMP PAINT-12 IN	LF	14,794

- ① CARRIED OVER FROM PAVING SUMMARY
- ② CARRIED OVER FROM GUARDRAIL SUMMARY

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OLDHAM COUNTY
ITEM NO. 5-22098 , PAVEMENT REHABILITATION
MILEPOINT 18.070 N.B. & 17.883 S.B. TO 22.221 N.B. & 22.201 S.B.
GENERAL SUMMARY

ITEM NUMBER	ITEM	UNIT	QUANTITY
06585	PAVEMENT MARKER TY IVA-MW TEMP	EACH	95
06586	PAVEMENT MARKER TY IVA-MY TEMP	EACH	95
08903	CRASH CUSHION TY VI CLASS BT TL3	EACH	1
20411ED	LAW ENFORCEMENT OFFICER	HOURL	400
23010EN	PAVE MARK TEMP PAINT STOP BAR-24 IN	LF	35
24640ED	OBJECT MARKER TYPE 1	EACH	1
25075EC	QUEUE PROTECTION VEHICLE	HOURL	400
25117EC	FURNISH QUEUE PROTECTION VEHICLES	MONT	7
26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	MONT	7
26137EC	QUEUE WARNING PCMS	MONT	56
26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	MONT	56
02696	SHOULDER RUMBLE STRIPS	LF	103,464
06401	FLEXIBLE DELINEATOR POST-M/W	EACH	623
06404	FLEXIBLE DELINEATOR POST-M/Y	EACH	144
06542	PAVE STRIPING-THERMO-6 IN W	LF	64,528
06543	PAVE STRIPING-THERMO-6 IN Y	LF	52,552
06546	PAVE STRIPING-THERMO-12 IN W	LF	7,397
06556	PAVE STRIPING-DUR TY 1-6 IN W	LF	1,451
06557	PAVE STRIPING-DUR TY 1-6 IN Y	LF	908
06568	PAVE MARKING-THERMO STOP BAR-24IN	LF	35
06569	PAVE MARKING-THERMO CROSS-HATCH	SQFT	853
06574	PAVE MARKING-THERMO CURV ARROW	EACH	6
06610	INLAID PAVEMENT MARKER-MW	EACH	22
06612	INLAID PAVEMENT MARKER-BY	EACH	11
06613	INLAID PAVEMENT MARKER-B W/R	EACH	802
06614	INLAID PAVEMENT MARKER-B Y/R	EACH	180
23270ES717	PAVE MARK TY 1 TAPE-CURV ARROW	EACH	4
24679ED	PAVE MARK THERMO CHEVRON	SQFT	3,997
00078	CRUSHED AGGREGATE SIZE NO 2	(3) TON	1,365
02603	FABRIC-GEOTEXTILE CLASS 2	(4) SQYD	201
02726	STAKING	LS	1
10020NS	FUEL ADJUSTMENT	DOLL	81,601
10030NS	ASPHALT ADJUSTMENT	DOLL	204,957
24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT	SQFT	1,325,061
03298	EXPAN JOINT REPLACE 4 IN	(5) LF	80
03299	ARMORED EDGE FOR CONCRETE	(5) LF	80
24983EC	BEARING LUBRICATION	(5) EACH	10
24094EC	PARTIAL DEPTH PATCHING	(6) CUYD	7
03299	ARMORED EDGE FOR CONCRETE	(6) LF	131

(3) INCLUDES 1,302 TONS FROM SHOULDER EROSION REPAIR DETAIL, AND 63 TONS FROM SUBGRADE REPAIR DETAIL.

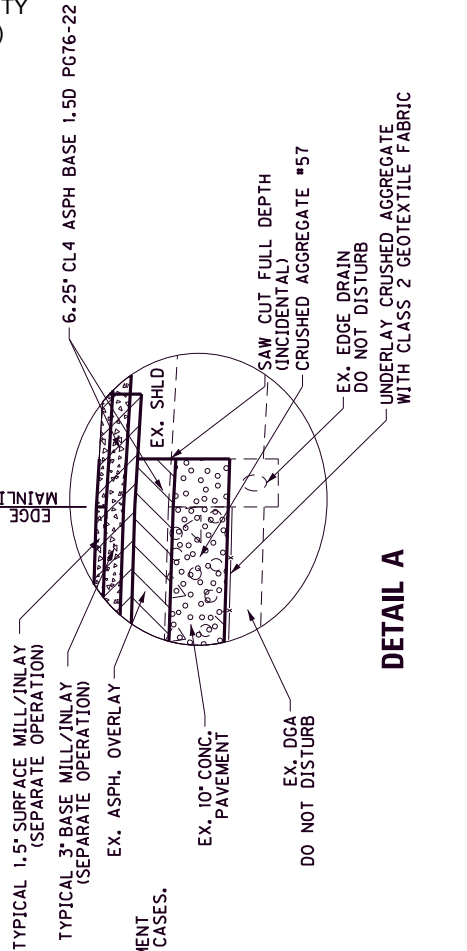
(4) CARRIED OVER FROM SUBGRADE REPAIR DETAIL.

(5) CARRIED OVER FROM 093B00028L SUMMARY.

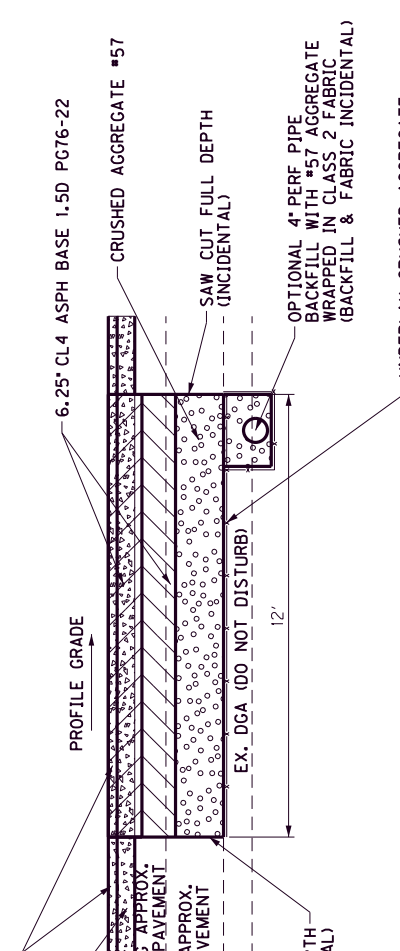
(6) CARRIED OVER FROM 093B00002N SUMMARY.

RELIEF JOINT DETAIL

County Item No.	Sheet
OLDHAM 5-22098	



PLAN VIEW



CROSS SECTION VIEW

CONSTRUCT RELIEF JOINTS AT LOCATIONS LISTED OR AT LOCATIONS AS DIRECTED BY THE ENGINEER. RELIEF JOINTS ARE GENERALLY INTENDED TO COINCIDE WITH AN EXISTING REFLECTIVE CRACK AND/OR PAVEMENT JOINT BLOWUP FAILURE. LOCATIONS CHOSEN WERE INTENDED TO PROVIDE RELIEF AT INTERVALS OF 500' TO 2500', PRIMARILY WITH SPACINGS LESS THAN 2000'. THE ENGINEER RESERVES THE RIGHT TO ADJUST LOCATIONS OF RELIEF JOINTS AS FIELD CONDITIONS WARRANT. ATTENTION: MILEPOINTS LISTED WERE DERIVED FROM AN ESTABLISHED CENTERLINE AND DO NOT MATCH THE LOCATION OF THE EXISTING REFERENCE MARKERS (MILE POST SIGNS).

SAW CUT, FULL DEPTH, TO THE BOTTOM OF EXISTING CONCRETE PERIMETER OF THE PROPOSED RELIEF JOINT. SAW CUT WILL BE CONSIDERED INCIDENTAL TO 'BLOW UP/RELIEF JOINT'. REMOVE EXISTING PAVEMENT TO THE TOP OF DGA LAYER EXERCISING CAUTION TO NOT DAMAGE SURROUNDING PAVEMENT. IF DGA IS DISTURBED IN THE REMOVAL PROCESS, RESHAPE AND COMPACT PRIOR TO CRUSHED STONE PLACEMENT. PLACE ASPHALT BASE IN LAYERS AT THE PRESCRIBED COMPACTED DEPTHS, AND IN ACCORDANCE WITH THE SPECIFICATIONS.

CONSTRUCT RELIEF JOINTS 12' MIN. IN LENGTH LONGITUDINALLY ALONG MAINLINE CENTERLINE AND EXTENDING APPROXIMATELY 1' WIDER THAN THE EXISTING UNDERLYING CONCRETE PAVEMENT WIDTH. EXTEND TOP LAYER OF BASE AN ADDITIONAL 1' INTO THE ADJACENT LANE OR SHOULDER.

THE CONTRACT UNIT PRICE FOR 'BLOW UP/RELIEF JOINT' WILL INCLUDE AND BE CONSIDERED FULL COMPENSATION FOR ALL ITEMS OF WORK REQUIRED TO SAW CUT EXISTING PAVEMENT, MILLING, REMOVE EXISTING PAVEMENT, PREPARE STONE BASE, CRUSHED AGGREGATE #57 BACKFILL, GEOTEXTILE FABRIC, ASPHALT MATERIAL FOR TACK BETWEEN LAYERS, PLACEMENT OF AND COMPACTION OF ASPHALT BASE, AND ANY OTHER ITEM REQUIRED TO COMPLETE THE RELIEF JOINT.

DO NOT BEGIN PLACEMENT OF FINAL SURFACING UNTIL TRAFFIC HAS BEEN ALLOWED TO RUN ON THE RELIEF JOINT ASPHALT BASE FOR A MINIMUM OF 14 DAYS.

EXERCISE CAUTION TO NOT DAMAGE THE EDGE DRAIN SYSTEM. IF THE ENGINEER DETERMINES CONDITIONS WARRANT, A 4 INCH NON-PERFORATED PIPE OUTLET MAY BE ADDED AND A 4 INCH NON-PERFORATED PIPE HEADWALL ADDED AT THE LOW POINT IN THE RELIEF JOINT EXCAVATION. IF AN OUTLET IS ADDED, GRADE STONE AND OUTLET PIPE TO DRAIN AT 4% GRADE (3% MINIMUM). THE MEASURED QUANTITY OF ADDED PERFORATED PIPE, NON-PERFORATED PIPE, ASPHALT TRENCH CAP MATERIALS AND PERFORATED PIPE HEADWALLS WILL BE PAID AT THE CONTRACT UNIT PRICE. USE CL4 ASPH BASE 1.00D PG76-22 FOR TRENCH CAP IF REQUIRED.

REFILL TRENCHES TO THE EXISTING ADJACENT LANE OR SHOULDER SURFACE ELEVATION. THE TOP 4.5\"/>

RELIEF JOINT DETAIL
I-71

REFERENCES

1. Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction, Edition of 2019.
2. FHWA Manual on Uniform Traffic Control Devices – 2009 Edition.
3. Kentucky Department of Highways Standard Drawings, Current Edition, as applicable:

BGX-009-04	BRIDGE RESTORATION AND WATERPROOFING WITH CONCRETE OVERLAYS
BHS-014	THREE BEAM GUARDRAIL TRANSITION (TL-3)
RBB-001-09	GUARDRAIL AND BRIDGE END DRAINAGE FOR SINGLE STRUCTURES
RBE-100-11	CRASH CUSHION TYPE VI-BT
RBI-001-12	TYPICAL GUARDRAIL INSTALLATIONS
RBI-002-07	TYPICAL GUARDRAIL INSTALLATIONS
RBI-003-09	TYPICAL GUARDRAIL INSTALLATION FOR GUARDRAIL END TREATMENT TYPE 2A
RBI-004-06	INSTALLATION OF GUARDRAIL END TREATMENT TYPE 1
RBI-005-08	GUARDRAIL INSTALLATION AT BRIDGE COLUMNS
RBM-020-09	DELINEATORS FOR CONCRETE BARRIERS
RBM-115-10	CONCRETE BARRIER WALL TYPE 9T (TEMPORARY)
RBR-001-13	STEEL BEAM GUARDRAIL (“W” BEAM)
RBR-005-11	GUARDRAIL COMPONENTS
RBR-010-06	GUARDRAIL TERMINAL SECTIONS
RBR-015-06	STEEL GUARDRAIL POSTS
RBR-018	GUARDRAIL SYSTEM TRANSITION
RBR-020-07	GUARDRAIL END TREATMENT TYPE 1
RBR-025-06	GUARDRAIL END TREATMENT TYPE 2A
RBR-030-05	GUARDRAIL END TREATMENT TYPE 3
RBR-031-01	GUARDRAIL END TREATMENT TYPE 3 PIPE DRAINAGE DETAIL
RBR-032	GUARDRAIL END TREATMENT TYPE 3 ALTERNATE ANCHOR
RBR-035-12	GUARDRAIL END TREATMENT TYPE 4A
RBR-055-01	DELINEATORS FOR GUARDRAIL
RDP-010-09	PERFORATED PIPE HEADWALLS
RGS-002-06	SUPERELEVATION FOR MULTI-LANE PAVEMENT
RGX-001-06	MISCELLANEOUS STANDARDS
RPM-100-11	CURB AND GUTTER CURBS AND VALLEY GUTTER
TPM-170-01	FLEXIBLE DELINEATOR POST ARRANGEMENTS FOR HORIZONTAL CURVES
TPM-171-01	FLEXIBLE DELINEATOR POST ARRANGEMENTS FOR INTERCHANGE RAMPS AND CROSSOVERS
TPM-200	TYPICAL ENTRANCE RAMP MARKINGS FOR INTERSTATES AND PARKWAYS
TPM -201	TYPICAL EXIT RAMP MARKINGS FOR INTERSTATES AND PARKWAYS
TPM-202	TYPICAL EXIT RAMP MARKINGS FOR INTERSTATES AND PARKWAYS
TPM-203	TYPICAL MARKINGS AT SIGNALIZED INTERSECTIONS
TPM-204	TYPICAL MARKINGS FOR GORE AREAS
TPM-205	TYPICAL MARKINGS FOR ISLANDS AND MEDIANS

TPM-206	TYPICAL MARKINGS FOR TURN LANES
TPR-130	RUMBLE STRIP DETAILS MULTI-LANE ROADWAYS AND RAMPS
TTC-115-04	LANE CLOSURE MULTI-LANE HIGHWAY CASE I
TTC-120-04	LANE CLOSURE MULTI-LANE HIGHWAY CASE II
TTC-135-03	SHOULDER CLOSURE
TTC-160-02	TEMPORARY PAVEMENT MARKER ARRANGEMENTS FOR LANE CLOSURES
TTD-120-03	DOUBLE FINES ZONE SIGNS
TTD-125-03	PAVEMENT CONDITION WARNING SIGNS
TTD-130	SPEED ZONE SIGNING FOR WORK ZONES
TTS-110-02	MOBILE OPERATION FOR PAINT STRIPING CASE III
TTS-115-02	MOBILE OPERATION FOR PAINT STRIPING CASE IV
TTS-120-02	MOBILE OPERATION FOR DURABLE STRIPING CASE I

4. Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction, Edition of 2019, Including - Supplemental Specifications, as applicable:

Special Note	Typical Section Dimensions <i>attached</i>
Special Note	Portable Changeable Message Signs <i>attached</i>
Special Note	Before You Dig <i>attached</i>
Special Note	Fixed Completion Date and Liquidated Damages <i>attached</i>
General Note	Asphalt Pavement Ride Quality (Cat A) <i>attached</i>
General Note	Compaction of Asphalt Mixtures (Option A) <i>attached</i>
Special Note	Asphalt Milling and Texturing <i>attached</i>
Special Note	Special Note for Significant Project <i>attached</i>
Special Note	Guardrail Delivery Verification Sheet <i>attached</i>
Special Note	Special Note for Longitudinal Pavement Joint Adhesive <i>attached</i>
Special Note	Special Note for Paver Mounted Temperature Profiles <i>attached</i>
Special Note	Special Note for Non-Tracking Tack Coat <i>attached</i>
Special Note	Special Note for Experimental KYCT and Hamburg Testing <i>attached</i>
Special Note	Special Note for Portable Queue Warning Alert System <i>attached</i>
Special Note	Special Note for Queue Protection Vehicle <i>attached</i>
Special Note	Special Note for Bridge Deck Restoration and Waterproofing with Concrete Overlays <i>attached</i>
Special Note	Special Note for Replacing Expansion Dams and-or Armored Edges for Concrete on Bridges <i>attached</i>
Special Note	Special Note for Use of Hydrodemolition Method <i>attached</i>
Special Note	Special Note for Fine Milling <i>attached</i>

PROPOSAL BID ITEMS

231112

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Report Date 12/8/23

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	3,430.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	833.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	100.00	TON		\$	
0040	00194		LEVELING & WEDGING PG76-22	500.00	TON		\$	
0050	00210		CL4 ASPH BASE 1.50D PG76-22	3,837.00	TON		\$	
0060	00219		CL4 ASPH BASE 1.00D PG76-22	28,928.00	TON		\$	
0070	00339		CL3 ASPH SURF 0.38D PG64-22	3,238.00	TON		\$	
0080	00342		CL4 ASPH SURF 0.38A PG76-22	15,921.00	TON		\$	
0090	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0100	02677		ASPHALT PAVE MILLING & TEXTURING	33,082.00	TON		\$	
0110	20071EC		JOINT ADHESIVE	116,353.00	LF		\$	
0120	20509ED		BLOW UP/RELIEF JOINT	1,833.00	SQYD		\$	
0130	24964EC		FINE MILLING	228,045.00	SQYD		\$	
0140	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	151.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0150	00078		CRUSHED AGGREGATE SIZE NO 2	1,365.00	TON		\$	
0151	01000		PERFORATED PIPE-4 IN (ADDED 12-8-2023)	224.00	LF		\$	
0152	01010		NON-PERFORATED PIPE-4 IN (ADDED 12-8-2023)	120.00	LF		\$	
0153	01020		PERF PIPE HEADWALL TY 1-4 IN (ADDED 12-8-2023)	2.00	EACH		\$	
0154	01024		PERF PIPE HEADWALL TY 2-4 IN (ADDED 12-8-2023)	2.00	EACH		\$	
0155	01028		PERF PIPE HEADWALL TY 3-4 IN (ADDED 12-8-2023)	2.00	EACH		\$	
0156	01032		PERF PIPE HEADWALL TY 4-4 IN (ADDED 12-8-2023)	2.00	EACH		\$	
0160	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	240.00	EACH		\$	
0170	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	357.00	EACH		\$	
0180	01984		DELINEATOR FOR BARRIER - WHITE	10.00	EACH		\$	
0190	01985		DELINEATOR FOR BARRIER - YELLOW	10.00	EACH		\$	
0200	02003		RELOCATE TEMP CONC BARRIER	460.00	LF		\$	
0210	02367		GUARDRAIL END TREATMENT TYPE 1	10.00	EACH		\$	
0220	02369		GUARDRAIL END TREATMENT TYPE 2A	34.00	EACH		\$	
0230	02373		GUARDRAIL END TREATMENT TYPE 3	11.00	EACH		\$	
0240	02381		REMOVE GUARDRAIL	30,437.50	LF		\$	
0250	02391		GUARDRAIL END TREATMENT TYPE 4A	4.00	EACH		\$	
0260	02562		TEMPORARY SIGNS	1,600.00	SQFT		\$	
0270	02603		FABRIC-GEOTEXTILE CLASS 2	201.00	SQYD		\$	
0280	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0290	02671		PORTABLE CHANGEABLE MESSAGE SIGN	8.00	EACH		\$	

PROPOSAL BID ITEMS

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Report Date 12/8/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0300	02696		SHOULDER RUMBLE STRIPS	103,464.00	LF		\$	
0310	02726		STAKING	1.00	LS		\$	
0320	02775		ARROW PANEL	2.00	EACH		\$	
0330	02898		RELOCATE CRASH CUSHION	1.00	EACH		\$	
0340	03171		CONCRETE BARRIER WALL TYPE 9T	460.00	LF		\$	
0350	06401		FLEXIBLE DELINEATOR POST-M/W	623.00	EACH		\$	
0360	06404		FLEXIBLE DELINEATOR POST-M/Y	144.00	EACH		\$	
0370	06511		PAVE STRIPING-TEMP PAINT-6 IN	246,422.00	LF		\$	
0380	06513		PAVE STRIPING-TEMP PAINT-12 IN	14,794.00	LF		\$	
0390	06542		PAVE STRIPING-THERMO-6 IN W	64,528.00	LF		\$	
0400	06543		PAVE STRIPING-THERMO-6 IN Y	52,552.00	LF		\$	
0410	06546		PAVE STRIPING-THERMO-12 IN W	7,397.00	LF		\$	
0420	06556		PAVE STRIPING-DUR TY 1-6 IN W	1,451.00	LF		\$	
0430	06557		PAVE STRIPING-DUR TY 1-6 IN Y	908.00	LF		\$	
0440	06568		PAVE MARKING-THERMO STOP BAR-24IN	35.00	LF		\$	
0450	06569		PAVE MARKING-THERMO CROSS-HATCH	853.00	SQFT		\$	
0460	06574		PAVE MARKING-THERMO CURV ARROW	6.00	EACH		\$	
0470	06585		PAVEMENT MARKER TY IVA-MW TEMP	95.00	EACH		\$	
0480	06586		PAVEMENT MARKER TY IVA-MY TEMP	95.00	EACH		\$	
0490	06610		INLAID PAVEMENT MARKER-MW	22.00	EACH		\$	
0500	06612		INLAID PAVEMENT MARKER-BY	11.00	EACH		\$	
0510	06613		INLAID PAVEMENT MARKER-B W/R	802.00	EACH		\$	
0520	06614		INLAID PAVEMENT MARKER-B Y/R	180.00	EACH		\$	
0530	08903		CRASH CUSHION TY VI CLASS BT TL3	1.00	EACH		\$	
0540	10020NS		FUEL ADJUSTMENT	81,601.00	DOLL	\$1.00	\$	\$81,601.00
0550	10030NS		ASPHALT ADJUSTMENT	204,957.00	DOLL	\$1.00	\$	\$204,957.00
0560	20191ED		OBJECT MARKER TY 3	14.00	EACH		\$	
0570	20411ED		LAW ENFORCEMENT OFFICER	400.00	HOUR		\$	
0580	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	29,745.00	LF		\$	
0590	23010EN		PAVE MARK TEMP PAINT STOP BAR-24 IN	35.00	LF		\$	
0600	23270ES717		PAVE MARK TY 1 TAPE-CURV ARROW	4.00	EACH		\$	
0610	24640ED		OBJECT MARKER TYPE 1	1.00	EACH		\$	
0620	24679ED		PAVE MARK THERMO CHEVRON	3,997.00	SQFT		\$	
0630	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	1,325,061.00	SF		\$	
0640	25075EC		QUEUE PROTECTION VEHICLE	400.00	HOUR		\$	
0650	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	8.00	EACH		\$	
0660	25117EC		FURNISH QUEUE PROTECTION VEHICLES	7.00	MONT		\$	
0670	26136EC		PORTABLE QUEUE WARNING ALERT SYSTEM	7.00	MONT		\$	
0680	26137EC		QUEUE WARNING PCMS	56.00	MONT		\$	
0690	26138EC		QUEUE WARNING PORTABLE RADAR SENSORS	56.00	MONT		\$	

Section: 0003 - BRIDGE - 093B00028L - I-71 OVER KY 393

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0700	03298		EXPAN JOINT REPLACE 4 IN I71 OVER KY393	80.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0710	03299		ARMORED EDGE FOR CONCRETE KY 53 OVER I-71 S.B.	80.00	LF		\$	
0720	24983EC		BEARING LUBRICATION KY 53 OVER N.B. I-71	10.00	EACH		\$	

Section: 0004 - BRIDGE - 093B00002N KY 53 OVER I-71 NB

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0730	03299		ARMORED EDGE FOR CONCRETE	131.00	LF		\$	
0740	08106		CONCRETE-CLASS M 1	5.00	CUYD		\$	
0750	08151		STEEL REINFORCEMENT-EPOXY COATED	422.00	LB		\$	
0760	08504		EPOXY SAND SLURRY	88.00	SQYD		\$	
0770	08510		REM EPOXY BIT FOREIGN OVERLAY	1,135.00	SQYD		\$	
0780	08526		CONC CLASS M FULL DEPTH PATCH	10.00	CUYD		\$	
0790	08534		CONCRETE OVERLAY-LATEX	47.30	CUYD		\$	
0800	08549		BLAST CLEANING	1,153.00	SQYD		\$	
0810	24094EC		PARTIAL DEPTH PATCHING	7.00	CUYD		\$	

Section: 0005 - BRIDGE - 093B00003N KY 53 OVER I-71 SB

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0820	03299		ARMORED EDGE FOR CONCRETE	131.00	LF		\$	
0830	08106		CONCRETE-CLASS M 1	5.00	CUYD		\$	
0840	08151		STEEL REINFORCEMENT-EPOXY COATED	422.00	LB		\$	
0850	08504		EPOXY SAND SLURRY	88.00	SQYD		\$	
0860	08510		REM EPOXY BIT FOREIGN OVERLAY	1,135.00	SQYD		\$	
0870	08526		CONC CLASS M FULL DEPTH PATCH	10.00	CUYD		\$	
0880	08534		CONCRETE OVERLAY-LATEX	47.30	CUYD		\$	
0890	08549		BLAST CLEANING	1,153.00	SQYD		\$	
0900	24094EC		PARTIAL DEPTH PATCHING	7.00	CUYD		\$	

Section: 0006 - TRAFFIC LOOPS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0910	04793		CONDUIT-1 1/4 IN	160.00	LF		\$	
0920	04795		CONDUIT-2 IN	50.00	LF		\$	
0930	04820		TRENCHING AND BACKFILLING	190.00	LF		\$	
0940	04829		PIEZOELECTRIC SENSOR	9.00	EACH		\$	
0950	04830		LOOP WIRE	4,050.00	LF		\$	
0960	04895		LOOP SAW SLOT AND FILL	800.00	LF		\$	
0970	20359NN		GALVANIZED STEEL CABINET	4.00	EACH		\$	
0980	20360ES818		WOOD POST	8.00	EACH		\$	
0990	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		\$	

Section: 0007 - DEMOBILIZATION &/OR MOBILIZATION

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PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1000	02568		MOBILIZATION	1.00	LS		\$	
1010	02569		DEMOBILIZATION	1.00	LS		\$	