



COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET

transportation.ky.gov

Andy Beshear  
GOVERNOR

Jim Gray  
SECRETARY

January 25, 2022

CALL NO. 100  
CONTRACT ID NO. 221302  
ADDENDUM # 3

Subject: HARDIN COUNTY NHPPIM 0654 (041)  
Letting January 27, 2022

- (1) Revised - Proposal Bid Items - Page 188-195a of 195
- (2) Revised - Plan Sheet - R2T

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 cursive script that reads "Rachel Mills".

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

RM:so  
Enclosures

**PROPOSAL BID ITEMS**

221302

Page 1 of 9

Report Date 1/25/22

**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	4,251.00	TON		\$	
0020	00003		CRUSHED STONE BASE (REVISED 1-18-2022)	81,635.00	TON		\$	
0030	00003		CRUSHED STONE BASE FOR STAMPED CONCRETE MEDIAN	1,170.00	TON		\$	
0040	00008		CEMENT STABILIZED ROADBED	11,292.00	SQYD		\$	
0050	00013		LIME STABILIZED ROADBED (REVISED 1-18-2022)	130,421.00	SQYD		\$	
0060	00014		LIME (REVISED 1-18-2022)	2,257.00	TON		\$	
0070	00018		DRAINAGE BLANKET-TYPE II-ASPH	6,557.00	TON		\$	
0080	00100		ASPHALT SEAL AGGREGATE	318.00	TON		\$	
0090	00103		ASPHALT SEAL COAT	56.00	TON		\$	
0100	00212		CL2 ASPH BASE 1.00D PG64-22 (REVISED 1-18-2022)	4,577.00	TON		\$	
0110	00214		CL3 ASPH BASE 1.00D PG64-22	1,553.00	TON		\$	
0120	00217		CL4 ASPH BASE 1.00D PG64-22 (REVISED 1-18-2022)	41,715.00	TON		\$	
0130	00219		CL4 ASPH BASE 1.00D PG76-22 (REVISED 1-18-2022)	20,408.00	TON		\$	
0140	00301		CL2 ASPH SURF 0.38D PG64-22 (REVISED 1-18-2022)	1,278.00	TON		\$	
0150	00339		CL3 ASPH SURF 0.38D PG64-22 (REVISED 1-18-2022)	1,559.00	TON		\$	
0160	00342		CL4 ASPH SURF 0.38A PG76-22 (REVISED 1-18-2022)	9,274.00	TON		\$	
0170	00358		ASPHALT CURING SEAL (REVISED 1-18-2022)	213.00	TON		\$	
0180	02101		CEM CONC ENT PAVEMENT-8 IN	637.00	SQYD		\$	
0190	02542		CEMENT	220.00	TON		\$	
0200	02702		SAND FOR BLOTTER (REVISED 1-18-2022)	326.00	TON		\$	
0210	20071EC		JOINT ADHESIVE (REVISED 1-18-2022)	43,686.00	LF		\$	
0220	24970EC		ASPHALT MATERIAL FOR TACK NON- TRACKING (REVISED 1-18-2022)	157.00	TON		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0230	00078		CRUSHED AGGREGATE SIZE NO 2	38,360.00	TON		\$	
0240	01000		PERFORATED PIPE-4 IN	7,580.00	LF		\$	
0250	01010		NON-PERFORATED PIPE-4 IN	360.00	LF		\$	
0260	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
0270	01024		PERF PIPE HEADWALL TY 2-4 IN	3.00	EACH		\$	
0280	01028		PERF PIPE HEADWALL TY 3-4 IN	30.00	EACH		\$	
0290	01032		PERF PIPE HEADWALL TY 4-4 IN	5.00	EACH		\$	
0300	01310		REMOVE PIPE	72.00	LF		\$	
0310	01762		MANHOLE TYPE B MOD	1.00	EACH		\$	

**PROPOSAL BID ITEMS**

221302

Page 2 of 9

Report Date 1/25/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0320	01810		STANDARD CURB AND GUTTER	2,937.00	LF		\$	
0330	01875		STANDARD HEADER CURB	182.00	LF		\$	
0340	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	94.00	EACH		\$	
0350	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	4.00	EACH		\$	
0360	01984		DELINEATOR FOR BARRIER - WHITE	40.00	EACH		\$	
0370	01985		DELINEATOR FOR BARRIER - YELLOW	8.00	EACH		\$	
0380	01986		DELINEATOR FOR BARRIER WALL-B/Y	4.00	EACH		\$	
0390	02002		REMOVE TEMP CONC BARRIER WALL	18,140.00	LF		\$	
0400	02003		RELOCATE TEMP CONC BARRIER	2,350.00	LF		\$	
0410	02081		JPC PAVEMENT-8 IN SHLD	88.00	SQYD		\$	
0420	02091		REMOVE PAVEMENT	49,098.00	SQYD		\$	
0430	02159		TEMP DITCH	29,211.00	LF		\$	
0440	02160		CLEAN TEMP DITCH	26,048.00	LF		\$	
0450	02220		FLOWABLE FILL	102.00	CUYD		\$	
0460	02223		GRANULAR EMBANKMENT	3,567.00	CUYD		\$	
0470	02230		EMBANKMENT IN PLACE (REVISED 1-18-2022)	391,552.00	CUYD		\$	
0480	02237		DITCHING	1,000.00	LF		\$	
0490	02242		WATER	479.00	MGAL		\$	
0500	02262		FENCE-WOVEN WIRE TYPE 1	15,090.00	LF		\$	
0510	02265		REMOVE FENCE	6,353.00	LF		\$	
0520	02367		GUARDRAIL END TREATMENT TYPE 1	5.00	EACH		\$	
0530	02369		GUARDRAIL END TREATMENT TYPE 2A	11.00	EACH		\$	
0540	02373		GUARDRAIL END TREATMENT TYPE 3	1.00	EACH		\$	
0550	02381		REMOVE GUARDRAIL	6,409.00	LF		\$	
0560	02391		GUARDRAIL END TREATMENT TYPE 4A	7.00	EACH		\$	
0570	02397		TEMP GUARDRAIL	3,200.00	LF		\$	
0580	02429		RIGHT-OF-WAY MONUMENT TYPE 1	67.00	EACH		\$	
0590	02432		WITNESS POST	9.00	EACH		\$	
0600	02483		CHANNEL LINING CLASS II	4,263.00	TON		\$	
0610	02484		CHANNEL LINING CLASS III	266.00	TON		\$	
0620	02545		CLEARING AND GRUBBING (80 ACRES)	1.00	LS		\$	
0630	02555		CONCRETE-CLASS B	15.00	CUYD		\$	
0640	02562		TEMPORARY SIGNS	1,494.00	SQFT		\$	
0650	02570		PROJECT CPM SCHEDULE	1.00	LS		\$	
0660	02585		EDGE KEY (REVISED 1-18-2022)	864.00	LF		\$	
0670	02602		FABRIC-GEOTEXTILE CLASS 1	2,638.00	SQYD		\$	
0680	02603		FABRIC-GEOTEXTILE CLASS 2	127,000.00	SQYD		\$	
0690	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	10,150.00	SQYD	\$2.00	\$	\$20,300.00
0700	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0710	02651		DIVERSIONS (BY-PASS DETOURS) M.O.T. TEMP RAMP 5 DIVERSION	1.00	LS		\$	
0720	02651		DIVERSIONS (BY-PASS DETOURS) M.O.T. TEMP RAMP 7 DIVERSION	1.00	LS		\$	
0730	02651		DIVERSIONS (BY-PASS DETOURS) M.O.T. TEMP RAMP 7A DIVERSION	1.00	LS		\$	
0740	02653		LANE CLOSURE	4.00	EACH		\$	
0750	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	

**PROPOSAL BID ITEMS**

221302

Page 3 of 9

Report Date 1/25/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0760	02690		SAFELOADING	86.00	CUYD		\$	
0770	02692		SETTLEMENT PLATFORM	2.00	EACH		\$	
0780	02696		SHOULDER RUMBLE STRIPS	34,494.00	LF		\$	
0790	02701		TEMP SILT FENCE (REVISED 1-18-2022)	30,961.00	LF		\$	
0800	02703		SILT TRAP TYPE A	120.00	EACH		\$	
0810	02704		SILT TRAP TYPE B	120.00	EACH		\$	
0820	02705		SILT TRAP TYPE C	69.00	EACH		\$	
0830	02706		CLEAN SILT TRAP TYPE A	465.00	EACH		\$	
0840	02707		CLEAN SILT TRAP TYPE B	465.00	EACH		\$	
0850	02708		CLEAN SILT TRAP TYPE C	159.00	EACH		\$	
0860	02726		STAKING	1.00	LS		\$	
0870	02731		REMOVE STRUCTURE EX. 6' X 5' RCBC @ I-65 STA. 664+84, 142' LT.	1.00	LS		\$	
0880	02731		REMOVE STRUCTURE EX. 6' X 6' RCBC @ I-65 STA. 665+07, 122+50 LT.	1.00	LS		\$	
0890	02731		REMOVE STRUCTURE EX. 8' X 5' RCBC @ I-65 STA. 665+07, 148' LT.	1.00	LS		\$	
0900	02731		REMOVE STRUCTURE EX. KY 222 BRIDGE @ I-65 (STA. 664+60)	1.00	LS		\$	
0910	02775		ARROW PANEL	2.00	EACH		\$	
0920	02898		RELOCATE CRASH CUSHION	2.00	EACH		\$	
0950	03171		CONCRETE BARRIER WALL TYPE 9T	18,140.00	LF		\$	
0960	05950		EROSION CONTROL BLANKET (REVISED 1-18-2022)	23,828.00	SQYD		\$	
0970	05952		TEMP MULCH	494,339.00	SQYD		\$	
0980	05953		TEMP SEEDING AND PROTECTION	381,976.00	SQYD		\$	
0990	05963		INITIAL FERTILIZER (REVISED 1-18-2022)	27.00	TON		\$	
1000	05964		MAINTENANCE FERTILIZER	15.90	TON		\$	
1010	05985		SEEDING AND PROTECTION (REVISED 1-18-2022)	469,321.00	SQYD		\$	
1020	05989		SPECIAL SEEDING CROWN VETCH	35,266.00	SQYD		\$	
1030	05992		AGRICULTURAL LIMESTONE (REVISED 1-18-2022)	169.00	TON		\$	
1040	06401		FLEXIBLE DELINEATOR POST-M/W	80.00	EACH		\$	
1050	06404		FLEXIBLE DELINEATOR POST-M/Y	40.00	EACH		\$	
1060	06412		STEEL POST MILE MARKERS	4.00	EACH		\$	
1070	06511		PAVE STRIPING-TEMP PAINT-6 IN	8,000.00	LF		\$	
1080	06514		PAVE STRIPING-PERM PAINT-4 IN (REVISED 1-18-2022)	7,796.00	LF		\$	
1090	06541		PAVE STRIPING-THERMO-4 IN Y	5,688.00	LF		\$	
1100	06542		PAVE STRIPING-THERMO-6 IN W	39,065.00	LF		\$	
1110	06543		PAVE STRIPING-THERMO-6 IN Y (REVISED 1-18-2022)	31,591.00	LF		\$	
1120	06546		PAVE STRIPING-THERMO-12 IN W	5,216.00	LF		\$	
1130	06568		PAVE MARKING-THERMO STOP BAR-24IN	463.00	LF		\$	
1140	06572		PAVE MARKING-DOTTED LANE EXTEN (REVISED 1-18-2022)	4,053.00	LF		\$	
1150	06573		PAVE MARKING-THERMO STR ARROW	7.00	EACH		\$	
1160	06574		PAVE MARKING-THERMO CURV ARROW (REVISED 1-18-2022)	80.00	EACH		\$	

**PROPOSAL BID ITEMS**

221302

Page 4 of 9

Report Date 1/25/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1170	06575		PAVE MARKING-THERMO COMB ARROW	10.00	EACH		\$	
1175	06576		PAVE MARKING-THERMO ONLY (ADDED 1-18-2022)	4.00	EACH		\$	
1180	06585		PAVEMENT MARKER TY IVA-MW TEMP	251.00	EACH		\$	
1190	06586		PAVEMENT MARKER TY IVA-MY TEMP	1,004.00	EACH		\$	
1200	06588		PAVEMENT MARKER TY IVA-BY TEMP	110.00	EACH		\$	
1210	06610		INLAID PAVEMENT MARKER-MW	256.00	EACH		\$	
1220	06612		INLAID PAVEMENT MARKER-BY	76.00	EACH		\$	
1230	06613		INLAID PAVEMENT MARKER-B W/R	229.00	EACH		\$	
1240	06614		INLAID PAVEMENT MARKER-B Y/R	116.00	EACH		\$	
1245	08903		CRASH CUSHION TY VI CLASS BT TL3 (ADDED 1-21-2022)	7.00	EACH		\$	
1250	10020NS		FUEL ADJUSTMENT	250,479.00	DOLL	\$1.00	\$	\$250,479.00
1260	10030NS		ASPHALT ADJUSTMENT	297,478.00	DOLL	\$1.00	\$	\$297,478.00
1270	20072ES805		GRANULAR EMBANKMENT FOR POND STABILIZATION	135.00	TON		\$	
1280	20099ES842		PAVE MARK TEMP PAINT STOP BAR	30.00	LF		\$	
1290	20191ED		OBJECT MARKER TY 3	11.00	EACH		\$	
1300	21289ED		LONGITUDINAL EDGE KEY (REVISED 1-18-2022)	5,960.00	LF		\$	
1310	21370ED		LONGITUDINAL SAW CUT- 6 IN	7,665.00	LF		\$	
1320	21430ES508		CONC MEDIAN BARRIER TYPE 12C(50)	145.00	LF		\$	
1330	21597EN		REMOVE PERF PIPE HEADWALL	19.00	EACH		\$	
1340	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	5,675.00	LF		\$	
1350	21935EN		REMOVE CONC MEDIAN BARRIER	321.00	LF		\$	
1360	22692NS714		PAVEMENT MARKING-THERMO LETTERS FOR CAR	19.00	EACH		\$	
1370	22692NS714		PAVEMENT MARKING-THERMO LETTERS FOR TRUCK	15.00	EACH		\$	
1375	23143ED		KPDES PERMIT AND TEMP EROSION CONTROL (ADDED 1-18-2022)	1.00	LS		\$	
1380	23274EN11F		TURF REINFORCEMENT MAT 1	26,977.00	SQYD		\$	
1390	23276EN11F		TURF REINFORCEMENT MAT 3	59.00	SQYD		\$	
1400	23379EC		STAMPED CONCRETE RED	2,543.00	SQYD		\$	
1410	23649EC		DRAIN POND	1.00	LS		\$	
1420	24679ED		PAVE MARK THERMO CHEVRON	7,902.00	SQFT		\$	
1430	24814EC		PIPELINE INSPECTION	5,817.00	LF		\$	
1440	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	4.00	EACH		\$	
1450	25116EC		BORE AND JACK PIPE-54 IN	175.00	LF		\$	
1460	26136EC		PORTABLE QUEUE WARNING ALERT SYSTEM	27.00	MONT		\$	
1470	26137EC		QUEUE WARNING PCMS	108.00	MONT		\$	
1480	26138EC		QUEUE WARNING PORTABLE RADAR SENSORS	108.00	MONT		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
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**PROPOSAL BID ITEMS**

221302

Page 5 of 9

Report Date 1/25/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1490	00440		ENTRANCE PIPE-15 IN (REVISED 1-18-2022)	1,098.00	LF		\$	
1500	00441		ENTRANCE PIPE-18 IN (REVISED 1-18-2022)	163.00	LF		\$	
1510	00460		CULVERT PIPE-12 IN	56.00	LF		\$	
1520	00461		CULVERT PIPE-15 IN	50.00	LF		\$	
1530	00462		CULVERT PIPE-18 IN	1,099.00	LF		\$	
1540	00464		CULVERT PIPE-24 IN	349.00	LF		\$	
1550	00466		CULVERT PIPE-30 IN	150.00	LF		\$	
1560	00468		CULVERT PIPE-36 IN	105.00	LF		\$	
1570	00469		CULVERT PIPE-42 IN	135.00	LF		\$	
1580	00470		CULVERT PIPE-48 IN	248.00	LF		\$	
1590	00471		CULVERT PIPE-54 IN	550.00	LF		\$	
1600	00474		CULVERT PIPE-72 IN	319.00	LF		\$	
1610	00521		STORM SEWER PIPE-15 IN	229.00	LF		\$	
1620	00522		STORM SEWER PIPE-18 IN	1,212.00	LF		\$	
1630	00528		STORM SEWER PIPE-36 IN	134.00	LF		\$	
1640	00531		STORM SEWER PIPE-54 IN	269.00	LF		\$	
1650	00982		SLOTTED DRAIN PIPE-18 IN	532.00	LF		\$	
1660	01204		PIPE CULVERT HEADWALL-18 IN	2.00	EACH		\$	
1670	01210		PIPE CULVERT HEADWALL-30 IN	1.00	EACH		\$	
1680	01214		PIPE CULVERT HEADWALL-42 IN	1.00	EACH		\$	
1690	01216		PIPE CULVERT HEADWALL-48 IN	2.00	EACH		\$	
1700	01220		PIPE CULVERT HEADWALL-60 IN	1.00	EACH		\$	
1710	01390		METAL END SECTION TY 3-15 IN	24.00	EACH		\$	
1720	01391		METAL END SECTION TY 3-18 IN	7.00	EACH		\$	
1730	01433		SLOPED BOX OUTLET TYPE 1-18 IN	4.00	EACH		\$	
1740	01450		S & F BOX INLET-OUTLET-18 IN SLOPED & FLARED HEADWALL -18"	8.00	EACH		\$	
1750	01451		S & F BOX INLET-OUTLET-24 IN SLOPED & FLARED HEADWALL - 24"	8.00	EACH		\$	
1760	01480		CURB BOX INLET TYPE B	6.00	EACH		\$	
1770	01487		CURB BOX INLET TYPE F	1.00	EACH		\$	
1780	01490		DROP BOX INLET TYPE 1	3.00	EACH		\$	
1790	01493		DROP BOX INLET TYPE 2	1.00	EACH		\$	
1800	01496		DROP BOX INLET TYPE 3	3.00	EACH		\$	
1810	01517		DROP BOX INLET TYPE 5F	4.00	EACH		\$	
1820	01538		DROP BOX INLET TYPE 7	2.00	EACH		\$	
1825	01642		JUNCTION BOX-18 IN (ADDED 1-18-2022)	1.00	EACH		\$	
1830	01643		JUNCTION BOX-24 IN	1.00	EACH		\$	
1840	01644		JUNCTION BOX-30 IN	1.00	EACH		\$	
1850	01645		JUNCTION BOX-36 IN	2.00	EACH		\$	
1860	01648		JUNCTION BOX-54 IN	1.00	EACH		\$	
1870	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	4,673.00	SQYD	\$2.00	\$	\$9,346.00
1880	02625		REMOVE HEADWALL	8.00	EACH		\$	
1890	02690		SAFELoading	5.00	CUYD		\$	
1900	20211ES706		BORE & JACK PIPE	169.00	LF		\$	
1905	24025EC		PIPE CULVERT HEADWALL-72 IN (ADDED 1-25-2022)	2.00	EACH		\$	
1910	24026EC		PIPE CULVERT HEADWALL-54 IN	3.00	EACH		\$	

**PROPOSAL BID ITEMS**

221302

Page 6 of 9

Report Date 1/25/22

**Section: 0004 - BRIDGE - #26569**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1920	02223		GRANULAR EMBANKMENT	12,770.00	CUYD		\$	
1930	02231		STRUCTURE GRANULAR BACKFILL	827.00	CUYD		\$	
1940	03299		ARMORED EDGE FOR CONCRETE	367.60	LF		\$	
1950	08003		FOUNDATION PREPARATION BRIDGE OVER I-65	1.00	LS		\$	
1960	08018		RETAINING WALL	16,223.00	SQFT		\$	
1970	08033		TEST PILES	207.00	LF		\$	
1980	08039		PRE-DRILLING FOR PILES	9,796.00	LF		\$	
1990	08046		PILES-STEEL HP12X53	3,908.00	LF		\$	
2000	08051		PILES-STEEL HP14X89	5,682.00	LF		\$	
2010	08094		PILE POINTS-12 IN	90.00	EACH		\$	
2020	08095		PILE POINTS-14 IN	80.00	EACH		\$	
2030	08100		CONCRETE-CLASS A	921.50	CUYD		\$	
2040	08104		CONCRETE-CLASS AA	1,244.50	CUYD		\$	
2050	08150		STEEL REINFORCEMENT	103,424.00	LB		\$	
2060	08151		STEEL REINFORCEMENT-EPOXY COATED	426,291.00	LB		\$	
2070	08634		PRECAST PC I BEAM TYPE 4	3,826.00	LF		\$	
2080	23378EC		CONCRETE SEALING	56,479.00	SQFT		\$	
2090	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	388.00	LF		\$	
2100	26160EC		INTERMEDIATE FOUNDATION IMPROVEMENTS	1.00	LS		\$	
2110	26161EC		INT FDN IMPROVEMENT VERIFICATION TESTING	1.00	LS		\$	

**Section: 0005 - BRIDGE - CULVERT #27218**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2120	02403		REMOVE CONCRETE MASONRY	5.20	CUYD		\$	
2130	08003		FOUNDATION PREPARATION (27218)	1.00	LS		\$	
2140	08100		CONCRETE-CLASS A	46.60	CUYD		\$	
2150	08150		STEEL REINFORCEMENT	3,076.00	LB		\$	

**Section: 0006 - BRIDGE - CULVERT #27219**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2160	08003		FOUNDATION PREPARATION (27219)	1.00	LS		\$	
2170	08100		CONCRETE-CLASS A	89.60	CUYD		\$	
2180	08150		STEEL REINFORCEMENT	7,485.00	LB		\$	

**Section: 0007 - BRIDGE - CULVERT #27220**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
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**PROPOSAL BID ITEMS**

221302

Page 7 of 9

Report Date 1/25/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2190	08003		FOUNDATION PREPARATION (27220)	1.00	LS		\$	
2200	08100		CONCRETE-CLASS A	82.30	CUYD		\$	
2210	08150		STEEL REINFORCEMENT	7,412.00	LB		\$	

**Section: 0008 - BRIDGE - CULVERT #27221**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2220	08003		FOUNDATION PREPARATION (27221)	1.00	LS		\$	
2230	08100		CONCRETE-CLASS A	163.10	CUYD		\$	
2240	08150		STEEL REINFORCEMENT	13,881.00	LB		\$	

**Section: 0009 - BRIDGE - CULVERT #27222**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2250	02403		REMOVE CONCRETE MASONRY	3.10	CUYD		\$	
2260	08003		FOUNDATION PREPARATION (27223)	1.00	LS		\$	
2270	08100		CONCRETE-CLASS A	58.60	CUYD		\$	
2280	08150		STEEL REINFORCEMENT	4,305.00	LB		\$	

**Section: 0010 - BRIDGE - CULVERT #27223**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2290	08003		FOUNDATION PREPARATION (27223)	1.00	LS		\$	
2300	08100		CONCRETE-CLASS A	134.20	CUYD		\$	
2310	08150		STEEL REINFORCEMENT	9,514.00	LB		\$	

**Section: 0011 - SIGNING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2320	04903		REFERENCE MARKER	4.00	EACH		\$	
2330	06405		SBM ALUMINUM PANEL SIGNS	180.00	SQFT		\$	
2340	06406		SBM ALUM SHEET SIGNS .080 IN	686.00	SQFT		\$	
2350	06407		SBM ALUM SHEET SIGNS .125 IN	412.00	SQFT		\$	
2360	06410		STEEL POST TYPE 1	1,632.00	LF		\$	
2370	06441		GMSS GALV STEEL TYPE C	3,820.00	LB		\$	
2380	06451		REMOVE SIGN SUPPORT BEAM	14.00	EACH		\$	
2390	06490		CLASS A CONCRETE FOR SIGNS	12.00	CUYD		\$	
2400	06491		STEEL REINFORCEMENT FOR SIGNS	904.00	LB		\$	
2410	20418ED		REMOVE & RELOCATE SIGNS	6.00	EACH		\$	
2420	20419ND		ROADWAY CROSS SECTION	7.00	EACH		\$	
2430	21373ND		REMOVE SIGN	1.00	EACH		\$	
2440	21596ND		GMSS TYPE D	4.00	EACH		\$	



**PROPOSAL BID ITEMS**

221302

Page 8 of 9

Report Date 1/25/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2450	24631EC		BARCODE SIGN INVENTORY	198.00	EACH		\$	

**Section: 0012 - SIGNALIZATION**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2460	04820		TRENCHING AND BACKFILLING	240.00	LF		\$	
2470	04845		CABLE-NO. 14/7C	7,700.00	LF		\$	
2480	04886		MESSENGER-15400 LB	1,910.00	LF		\$	
2490	04932		INSTALL STEEL STRAIN POLE	12.00	EACH		\$	
2500	06472		INSTALL SPAN MOUNTED SIGN	3.00	EACH		\$	
2510	20188NS835		INSTALL LED SIGNAL-3 SECTION	37.00	EACH		\$	
2520	20189NS835		INSTALL LED SIGNAL-5 SECTION	3.00	EACH		\$	
2530	20390NS835		INSTALL COORDINATING UNIT	3.00	EACH		\$	
2540	23157EN		TRAFFIC SIGNAL POLE BASE	48.00	CUYD		\$	
2550	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	240.00	LF		\$	
2560	24908EC		INSTALL SIGNAL CONTROLLER-TY ATC	3.00	EACH		\$	
2570	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	12.00	EACH		\$	
2580	26120EC		INSTALL RADAR ADVANCE DETECTOR TYPE B	2.00	EACH		\$	

**Section: 0013 - LIGHTING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2590	04714		POLE 120 FT MTG HT HIGH MAST	10.00	EACH		\$	
2600	04761		LIGHTING CONTROL EQUIPMENT	2.00	EACH		\$	
2610	04797		CONDUIT-3 IN	1,100.00	LF		\$	
2620	04800		MARKER	18.00	EACH		\$	
2630	04820		TRENCHING AND BACKFILLING	5,600.00	LF		\$	
2640	04860		CABLE-NO. 8/3C DUCTED	3,900.00	LF		\$	
2650	04873		POLE 45 FT WOODEN	2.00	EACH		\$	
2660	04940		REMOVE LIGHTING	1.00	LS		\$	
2670	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	2.00	EACH		\$	
2680	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	2.00	EACH		\$	
2690	20410ED		MAINTAIN LIGHTING	1.00	LS		\$	
2700	21543EN		BORE AND JACK CONDUIT	1,100.00	LF		\$	
2710	23161EN		POLE BASE-HIGH MAST	100.00	CUYD		\$	
2720	24749EC		HIGH MAST LED LUMINAIRE	46.00	EACH		\$	
2730	24851EC		CABLE-NO. 10/3C DUCTED	6,000.00	LF		\$	

**Section: 0014 - TRAINEES**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2740	02742		TRAINEE PAYMENT REIMBURSEMENT 1-GROUP 2, 3 OR 4 OPERATOR	1,400.00	HOURLY		\$	

221302

### PROPOSAL BID ITEMS

Page 9 of 9

Report Date 1/25/22

#### Section: 0015 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2750	02568		MOBILIZATION	1.00	LS		\$	
2760	02569		DEMOBILIZATION	1.00	LS		\$	

## PIPE DRAINAGE SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
HARDIN	4-20.01	R2T

SHEET NO.	ITEM CODE	UNIT TO BID	SKEW	COVER HEIGHT (FT)	DESIGN PH LEVEL	PIPE CULVERT HEADWALL - 48" 0 DEG. SKEW	PIPE CULVERT HEADWALL - 48" 45 DEG. SKEW	PIPE CULVERT HEADWALL 72" 0 DEG. SKEW	METAL END SECTION TYPE 3 - 15"	METAL END SECTION TYPE 3 - 18"	SLOPED BOX OUTLET TYPE 1-18 INCH	SLOPED & FLARED BOX INLET-OUTLET - 18 INCH	SLOPED & FLARED BOX INLET-OUTLET - 24 INCH	CURB BOX INLET TYPE B	CURB BOX INLET TYPE F	DROP BOX INLET TYPE 3	REMARKS	
	1216	1216						1219	1390	1391		1433	1450	1451	1480	1487	1496	
	EACH	EACH						EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH		
	<b>KY 222</b>																	
	110+39.75		1^12'28" RT	4	M													3.5 X 4 RCBC
	122+50		0^	9	M													6 X 6 RCBC
	138+85		0^	5	M													5 X 4 RCBC
	140+90		0^	6	M						1			1				
	141+90		0^	6	M													
	146+51.68		0^	3	M													
	147+35		0^	3	M						1			1				
	151+12		30^0'0" LT	6	M													6 X 6 RCBC
	153+00		0^	5	M						1			1				
	156+50		0^	4	M													
	165+85		0^	25	M			2										
	173+50		0^	25	M	1	1											2-72" PIPE CULVERT HDWLL 1 - 48" PIPE CULVERT HDWL 0^ SK, 1 - 48" PIPE CULVERT HDWL 45^ SK
	192+17.87		0^		M				1									
	192+79.92		0^	3	M											1		
	193+55.20		0^	3	M											1		
	194+56.85		0^	3	M											1		
	<b>Approach 1</b>																	
	699+35		0^	5	M							2						
	<b>Approach 2</b>																	
	795+67		48^05' RT	4	M													
	798+85		0^	3	M								2					
	801+00		0^	4	M							2						5 X 5 RCBC
	<b>Approach 2A</b>																	
	<b>Approach 3</b>																	
	896+65		25^54'54" RT		M										1			
	897+24.2		42^52'26" RT	4	M						1	1						
	899+00		0^	6	M								2					
	901+00		0^	3	M								2					
	<b>Approach 4</b>																	
	499+57.57		0^	4	M								2					
	<b>ENTRANCES</b>				M				23	2								
	<b>MAINTENANCE OF TRAFFIC</b>				M													
	<b>SHEET TOTAL</b>					1	1	2	24	2	4	5	8	6	1		3	

### PROJECT TOTALS

ITEM CODE	15" ENTRANCE PIPE	18" ENTRANCE PIPE	12" CULVERT PIPE	15" CULVERT PIPE	18" CULVERT PIPE	24" CULVERT PIPE	30" CULVERT PIPE	36" CULVERT PIPE	42" CULVERT PIPE	48" CULVERT PIPE	54" CULVERT PIPE	72" CULVERT PIPE	15" STORM SEWER PIPE	18" STORM SEWER PIPE	36" STORM SEWER PIPE	54" STORM SEWER PIPE	18" SLOTTED DRAIN PIPE	PIPE CULVERT HEADWALL - 18 IN	PIPE CULVERT HEADWALL - 30 IN	PIPE CULVERT HEADWALL - 42 IN	PIPE CULVERT HEADWALL - 48 IN	PIPE CULVERT HEADWALL - 54 IN	PIPE CULVERT HEADWALL - 60 IN	PIPE CULVERT HEADWALL - 72 IN	METAL END SECTION TY 3 - 15 IN	METAL END SECTION TY 3 - 18 IN	SLOPED BOX OUTLET TYPE 1 - 18 IN	SLOPED & FLARED BOX IN-OUT - 18 IN	SLOPED & FLARED BOX IN-OUT - 24 IN	CURB BOX INLET TYPE B	CURB BOX INLET TYPE F	DROP BOX INLET TYPE 1	DROP BOX INLET TYPE 2	DROP BOX INLET TYPE 3	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 7	JUNCTION BOX - 24 IN	JUNCTION BOX - 30 IN	JUNCTION BOX - 36 IN	JUNCTION BOX - 54 IN	FABRIC GEO. CLASS 2	REMOVE HEADWALL	SAFELOADING	BORE & JACK PIPE		
440	441	460	461	462	464	466	468	469	470	471	474	521	522	528	531	982	1204	1210	1214	1216	24026EC	1220	24025EC	1390	1391	1433	1450	1451	1480	1487	1490	1493	1496	1517	1538	1643	1644	1645	1648	2607	2625	2690	20211ES706			
LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LF	
896	68	56	50	1099	349	150	105	135	248	550	319	229	1212	134	269	532	2	1	1	2	3	1	2	24	7	4	8	8	6	1	3	1	3	4	2	1	1	2	1	1	2	1	4673	8	5	169

## PIPE DRAINAGE SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
HARDIN	4-20.01	R2T

SHEET NO.	ITEM CODE	UNIT TO BID	SKEW	COVER HEIGHT (FT)	DESIGN PH LEVEL	PIPE CULVERT HEADWALL - 48" 0 DEG. SKEW	PIPE CULVERT HEADWALL - 48" 45 DEG. SKEW	PIPE CULVERT HEADWALL 72" 0 DEG. SKEW	METAL END SECTION TYPE 3 - 15"	METAL END SECTION TYPE 3 - 18"	SLOPED BOX OUTLET TYPE 1-18 INCH	SLOPED & FLARED BOX INLET-OUTLET - 18 INCH	SLOPED & FLARED BOX INLET-OUTLET - 24 INCH	CURB BOX INLET TYPE B	CURB BOX INLET TYPE F	DROP BOX INLET TYPE 3	REMARKS
	1216	1216									1433	1450	1451	1480	1487	1496	
	EACH	EACH									EACH	EACH	EACH	EACH	EACH	EACH	
	<b>KY 222</b>																
	110+39.75		1^12'28" RT	4	M												3.5 X 4 RCBC
	122+50		0^	9	M												6 X 6 RCBC
	138+85		0^	5	M												5 X 4 RCBC
	140+90		0^	6	M						1				1		
	141+90		0^	6	M										1		
	146+51.68		0^	3	M										1		
	147+35		0^	3	M						1				1		
	151+12		30^0'0" LT	6	M												6 X 6 RCBC
	153+00		0^	5	M						1				1		
	156+50		0^	4	M										1		
	165+85		0^	25	M			2									
	173+50		0^	25	M	1	1										2-72" PIPE CULVERT HDWLL 1 - 48" PIPE CULVERT HDWL 0^ SK, 1 - 48" PIPE CULVERT HDWL 45^ SK
	192+17.87		0^		M				1								
	192+79.92		0^	3	M											1	
	193+55.20		0^	3	M											1	
	194+56.85		0^	3	M											1	
	<b>Approach 1</b>																
	699+35		0^	5	M							2					
	<b>Approach 2</b>																
	795+67		48^05' RT	4	M												
	798+85		0^	3	M								2				
	801+00		0^	4	M							2					5 X 5 RCBC
	<b>Approach 2A</b>																
	<b>Approach 3</b>																
	896+65		25^54'54" RT		M										1		
	897+24.2		42^52'26" RT	4	M						1	1					
	899+00		0^	6	M											2	
	901+00		0^	3	M											2	
	<b>Approach 4</b>																
	499+57.57		0^	4	M											2	
	<b>ENTRANCES</b>				M				23	2							
	<b>MAINTENANCE OF TRAFFIC</b>				M												
	<b>SHEET TOTAL</b>					1	1	2	24	2	4	5	8	6	1	3	

### PROJECT TOTALS

ITEM CODE	15" ENTRANCE PIPE	18" ENTRANCE PIPE	12" CULVERT PIPE	15" CULVERT PIPE	18" CULVERT PIPE	24" CULVERT PIPE	30" CULVERT PIPE	36" CULVERT PIPE	42" CULVERT PIPE	48" CULVERT PIPE	54" CULVERT PIPE	72" CULVERT PIPE	15" STORM SEWER PIPE	18" STORM SEWER PIPE	36" STORM SEWER PIPE	54" STORM SEWER PIPE	18" SLOTTED DRAIN PIPE	PIPE CULVERT HEADWALL - 18 IN	PIPE CULVERT HEADWALL - 30 IN	PIPE CULVERT HEADWALL - 42 IN	PIPE CULVERT HEADWALL - 48 IN	PIPE CULVERT HEADWALL - 54 IN	PIPE CULVERT HEADWALL - 60 IN	PIPE CULVERT HEADWALL - 72 IN	METAL END SECTION TY 3 - 15 IN	METAL END SECTION TY 3 - 18 IN	SLOPED BOX OUTLET TYPE 1 - 18 IN	SLOPED & FLARED BOX IN-OUT - 18 IN	SLOPED & FLARED BOX IN-OUT - 24 IN	CURB BOX INLET TYPE B	CURB BOX INLET TYPE F	DROP BOX INLET TYPE 1	DROP BOX INLET TYPE 2	DROP BOX INLET TYPE 3	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 7	JUNCTION BOX - 24 IN	JUNCTION BOX - 30 IN	JUNCTION BOX - 36 IN	JUNCTION BOX - 54 IN	FABRIC GEO. CLASS 2	REMOVE HEADWALL	SAFELOADING	BORE & JACK PIPE	
440	441	460	461	462	464	466	468	469	470	471	474	521	522	528	531	982	1204	1210	1214	1216	24026EC	1220	24025EC	1390	1391	1433	1450	1451	1480	1487	1490	1493	1496	1517	1538	1643	1644	1645	1648	2607	2625	2690	20211ES706		
LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CUYD	LF
896	68	56	50	1099	349	150	105	135	248	550	319	229	1212	134	269	532	2	1	1	2	3	1	24	7	4	8	8	6	1	3	1	3	4	2	1	1	2	1	1	2	1	4673	8	5	169