



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

August 20, 2014

CALL NO. 200
CONTRACT ID NO. 141029
ADDENDUM # 2

Subject: Hardin-Hart-Larue Counties, 121GR14D029-NHPP
Letting August 22, 2014

- (1) Revised/Added - Note - Pages 19-19(a) of 384
- (2) Revised - Bid Items - Pages 373-384 of 384

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 blue ink that reads "Diana Castle Radcliffe".

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures



An Equal Opportunity Employer M/F/D

**SPECIAL NOTE
FOR
HDPE Pipe Liner**

I. DESCRIPTION

This is applicable to the pipe lining of culverts shown in the project plans.

II. MATERIALS

Except as specified in these notes or on the drawings, all materials will be according to the Standard Specifications and applicable Special Provisions and Special Notes. The Department will sample and test all materials according to the Department's Sampling Manual and the Contractor will have the 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 these notes.

A. Pipe Liners. Except as provided herein, conform to all requirements of AASHTO Designation: M 326-08 and ASTM Designation: F894 as specified by size. The HDPE pipes used for liners in gravity flow culverts shall be solid wall construction with mechanical end connectors, male and female. Individual liner section lengths shall be a minimum of 6-ft but shall not exceed 50-ft unless pre-approved. Pipe joints shall comply with ASTM D 3212 Standard Specifications and gaskets must be installed on male ends per manufacturer's recommendations for joint tightness.

B. Grout for Pipe Liners. Utilize material specifications for solidification of the annular void between host and the inserted liner with low density flowable fill or cellular grout. The cellular grout with a density between 40 and 80 lbs. per cubic foot may be used. Reduced density between 80 and 120 lbs. per cubic foot may be used.

III. CONSTRUCTION METHODS

A. Pipe Lining. The existing culvert pipe shall be cleaned by whatever means necessary to remove all obstructions which may be encountered that would prevent insertion of the pipe liner into the host pipe as approved by the Engineer. Pipe Liner shall be inserted and installed in accordance with manufacturer's recommendations. Slip liner pipe grade shall be maintained parallel to grade of host pipe. Construct any bulkheads, vent tubes, grout tubes or blocking needed to properly grout pipe liners. Grouting is required to be placed in the annular void between the pipe liner and the host pipe. The annular void shall be completely grout filled without deflecting the pipe liner greater than 1.5 percent. The annular void shall be grouted solid by injecting grout from one end of the pipe run and allowing it to flow toward the other end. Venting of the annular void shall be performed to assure uniform filling of the void space during the grouting process. An open ended, high point tap or equivalent vent must be provided and monitored at the bulkhead opposite to the point of grouting. Pressure on the annular void shall not exceed 2 PSI to avoid damage

to the pipe liner. Regardless of the pressure, the Contractor shall be solely responsible for any damage or distortion to the pipe liner due to the grouting process. Pipe and fittings shall be stockpiled in a safe manner at each Contractor staging area or pit location. When handling slip lining pipe, the Contractor shall take all precautions necessary to avoid damaging the pipe. Pipe with cuts greater than 10 percent of the wall thickness shall be rejected or replaced at the entire expense of the Contractor.

IV. METHOD OF MEASUREMENT

A. Pipe Lining. Pipe Liners shall be measured by the Linear Foot. Such measurements shall be made along the flow line of the liner pipe complete in place. Cleaning the existing pipe; furnishing, hauling, connecting, and installing liner pipe; constructing bulkheads, vent tubes, grout tubes or blocking needed to properly grout pipe liners and grouting pipe liners; all labor, tools, equipment, and materials will be considered incidental to Pipe Lining.

V. PAYMENT

The Department will make payment for the completed and accepted quantities under the following:

Code	Pay Item	Pay Unit
24583EC	HDPE Pipe Liner	Linear Feet

This is applicable to all sizes of pipe liners shown in the plans.

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	292,021.00	TON		\$	
0020	00008		CEMENT STABILIZED ROADBED	654,480.00	SQYD		\$	
0030	00018		DRAINAGE BLANKET-TYPE II-ASPH	337,878.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	2,335.00	TON		\$	
0050	00103		ASPHALT SEAL COAT	282.00	TON		\$	
0060	00190		LEVELING & WEDGING PG64-22	63,840.00	TON		\$	
0070	00214		CL3 ASPH BASE 1.00D PG64-22	302,121.00	TON		\$	
0080	00217		CL4 ASPH BASE 1.00D PG64-22	270,269.00	TON		\$	
0090	00219		CL4 ASPH BASE 1.00D PG76-22	133,773.00	TON		\$	
0100	00339		CL3 ASPH SURF 0.38D PG64-22	36,610.00	TON		\$	
0110	00342		CL4 ASPH SURF 0.38A PG76-22	55,985.00	TON		\$	
0120	00358		ASPHALT CURING SEAL	1,423.00	TON		\$	
0130	02101		CEM CONC ENT PAVEMENT-8 IN	506.00	SQYD		\$	
0140	02542		CEMENT	12,724.00	TON		\$	
0150	02677		ASPHALT PAVE MILLING & TEXTURING	7,573.00	TON		\$	
0160	02696		SHOULDER RUMBLE STRIPS-SAWED	397,181.00	LF		\$	
0170	02702		SAND FOR BLOTTER	1,637.00	TON		\$	
0180	20757ED		PAVEMENT REPAIR MAJOR	1,590.00	SQYD		\$	
0190	20757ED		PAVEMENT REPAIR MINOR	1,550.00	SQYD		\$	
0200	24470ED		PERMEABLE PAVEMENT DRAIN	328.00	SQYD		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1150	01310		REMOVE PIPE	2,174.00	LF		\$	
1160	01585		REMOVE DROP BOX INLET	157.00	EACH		\$	
1170	01655		REMOVE JUNCTION BOX	1.00	EACH		\$	
1180	01705		REMOVE CURB & GUTTER BOX INLET	3.00	EACH		\$	
1190	01787		REMOVE MANHOLE	2.00	EACH		\$	
1200	01792		ADJUST MANHOLE	1.00	EACH		\$	
1210	01810		STANDARD CURB AND GUTTER	547.00	LF		\$	
1220	01825		ISLAND CURB AND GUTTER	34.00	LF		\$	
1230	01845		ISLAND INTEGRAL CURB	324.00	LF		\$	
1240	01875		STANDARD HEADER CURB	278.00	LF		\$	
1250	01877		SPECIAL HEADER CURB	34,080.00	LF		\$	
1260	01955		CONC MEDIAN BARRIER TYPE 12C1	875.00	LF		\$	
1270	01967		CONC MEDIAN BARRIER TYPE 12C	82,206.00	LF		\$	
1280	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	634.00	EACH		\$	
1290	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	42.00	EACH		\$	
1300	01984		DELINEATOR FOR BARRIER - WHITE	19,416.00	EACH		\$	
1310	01985		DELINEATOR FOR BARRIER - YELLOW	39,488.00	EACH		\$	
1320	01986		DELINEATOR FOR BARRIER WALL-B/Y	675.00	EACH		\$	
1330	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	66.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1340	01992		INSTALL TEMP CONC MED BARR	12,860.00	LF		\$	
1350	02003		RELOCATE TEMP CONC BARRIER	629,880.00	LF		\$	
1360	02014		BARRICADE-TYPE III	72.00	EACH		\$	
1370	02081		JPC PAVEMENT-8 IN SHLD	326.00	SQYD		\$	
1380	02091		REMOVE PAVEMENT	7,695.00	SQYD		\$	
1390	02165		REMOVE PAVED DITCH	1,285.00	SQYD		\$	
1400	02200		ROADWAY EXCAVATION	727,674.00	CUYD		\$	
1410	02223		GRANULAR EMBANKMENT	9.00	CUYD		\$	
1420	02231		STRUCTURE GRANULAR BACKFILL	24,195.00	CUYD		\$	
1430	02242		WATER	9,844.00	MGAL		\$	
1440	02259		FENCE-TEMP	5,500.00	LF		\$	
1450	02262		FENCE-WOVEN WIRE TYPE 1	190,027.00	LF		\$	
1460	02265		REMOVE FENCE	189,827.00	LF		\$	
1470	02351		GUARDRAIL-STEEL W BEAM-S FACE	4,950.00	LF		\$	
1480	02360		GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH		\$	
1490	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	22.00	EACH		\$	
1500	02367		GUARDRAIL END TREATMENT TYPE 1	31.00	EACH		\$	
1510	02369		GUARDRAIL END TREATMENT TYPE 2A	58.00	EACH		\$	
1520	02371		GUARDRAIL END TREATMENT TYPE 7	1.00	EACH		\$	
1530	02381		REMOVE GUARDRAIL	73,974.00	LF		\$	
1540	02387		GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	2.00	EACH		\$	
1550	02391		GUARDRAIL END TREATMENT TYPE 4A	38.00	EACH		\$	
1560	02429		RIGHT-OF-WAY MONUMENT TYPE 1	35.00	EACH		\$	
1570	02432		WITNESS POST	9.00	EACH		\$	
1580	02469		CLEAN SINKHOLE	8.00	EACH		\$	
1590	02545		CLEARING AND GRUBBING 112 ACRES-HART(044)	1.00	LS		\$	
1600	02545		CLEARING AND GRUBBING 64 ACRES-LARUE(044)	1.00	LS		\$	
1610	02545		CLEARING AND GRUBBING 180 ACRES-HART(043)	1.00	LS		\$	
1620	02545		CLEARING AND GRUBBING 50 ACRES-LARUE(045)	1.00	LS		\$	
1630	02545		CLEARING AND GRUBBING 75 ACRES-HARDIN	1.00	LS		\$	
1640	02555		CONCRETE-CLASS B	33.00	CUYD		\$	
1650	02562		TEMPORARY SIGNS	3,470.00	SQFT		\$	
1660	02585		EDGE KEY	481.00	LF		\$	
1670	02598		FABRIC-GEOTEXTILE TYPE III	22,822.00	SQYD		\$	
1680	02599		FABRIC-GEOTEXTILE TYPE IV	26,680.00	SQYD		\$	
1690	02625		REMOVE HEADWALL	38.00	EACH		\$	
1700	02650		MAINTAIN & CONTROL TRAFFIC HART(044)	1.00	LS		\$	
1710	02650		MAINTAIN & CONTROL TRAFFIC LARUE(044)	1.00	LS		\$	
1720	02650		MAINTAIN & CONTROL TRAFFIC HART(043)	1.00	LS		\$	
1730	02650		MAINTAIN & CONTROL TRAFFIC LARUE(045)	1.00	LS		\$	
1740	02650		MAINTAIN & CONTROL TRAFFIC HARDIN	1.00	LS		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1750	02671		PORTABLE CHANGEABLE MESSAGE SIGN	16.00	EACH		\$	
1760	02676		MOBILIZATION FOR MILL & TEXT HART(044)	1.00	LS		\$	
1770	02676		MOBILIZATION FOR MILL & TEXT LARUE(044)	1.00	LS		\$	
1780	02676		MOBILIZATION FOR MILL & TEXT HART(043)	1.00	LS		\$	
1790	02676		MOBILIZATION FOR MILL & TEXT LARUE(045)	1.00	LS		\$	
1800	02676		MOBILIZATION FOR MILL & TEXT HARDIN	1.00	LS		\$	
1810	02690		SAFELOADING	306.70	CUYD		\$	
1820	02720		SIDEWALK-4 IN CONCRETE	169.00	SQYD		\$	
1830	02726		STAKING HART(044)	1.00	LS		\$	
1840	02726		STAKING LARUE(044)	1.00	LS		\$	
1850	02726		STAKING HART(043)	1.00	LS		\$	
1860	02726		STAKING LARUE(045)	1.00	LS		\$	
1870	02726		STAKING HARDIN	1.00	LS		\$	
1880	02731		REMOVE STRUCTURE KY 224 OVER I-65-LARUE(044)	1.00	LS		\$	
1890	02731		REMOVE STRUCTURE BACON CREEK TWIN BRIDGES-HART(043)	1.00	LS		\$	
1900	02731		REMOVE STRUCTURE KY 728-HART(043)	1.00	LS		\$	
1910	02731		REMOVE STRUCTURE KY 84 OVER I-65-HARDIN	1.00	LS		\$	
1920	02731		REMOVE STRUCTURE OLD SONORA OVER I-65-HARDIN	1.00	LS		\$	
1930	02731		REMOVE STRUCTURE US 31W OVER I-65-HARDIN	1.00	LS		\$	
1940	02775		ARROW PANEL	12.00	EACH		\$	
1950	02898		RELOCATE CRASH CUSHION	89.00	EACH		\$	
1960	02998		MASONRY COATING	104,436.00	SQYD		\$	
1970	03171		CONCRETE BARRIER WALL TYPE 9T	136,080.00	LF		\$	
1980	03225		TUBULAR MARKERS	168.00	EACH		\$	
1990	04933		TEMP SIGNAL 2 PHASE	4.00	EACH		\$	
2000	05963		INITIAL FERTILIZER	13.00	TON		\$	
2010	05964		20-10-10 FERTILIZER	21.00	TON		\$	
2020	06411		STEEL POST TYPE 2	6,102.00	LF		\$	
2030	06510		PAVE STRIPING-TEMP PAINT-4 IN	36,377.00	LF		\$	
2040	06511		PAVE STRIPING-TEMP PAINT-6 IN	1,724,148.00	LF		\$	
2050	06514		PAVE STRIPING-PERM PAINT-4 IN	21,918.00	LF		\$	
2060	06516		PAVE STRIPING-PERM PAINT-8 IN	160.00	LF		\$	
2070	06540		PAVE STRIPING-THERMO-4 IN W	3,066.00	LF		\$	
2080	06541		PAVE STRIPING-THERMO-4 IN Y	2,860.00	LF		\$	
2090	06542		PAVE STRIPING-THERMO-6 IN W	284,707.00	LF		\$	
2100	06543		PAVE STRIPING-THERMO-6 IN Y	198,825.00	LF		\$	
2110	06546		PAVE STRIPING-THERMO-12 IN W	8,775.00	LF		\$	
2120	06550		PAVE STRIPING-TEMP REM TAPE-W	15,000.00	LF		\$	

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
2130	06551		PAVE STRIPING-TEMP REM TAPE-Y	15,000.00	LF		\$	
2140	06568		PAVE MARKING-THERMO STOP BAR-24IN	464.00	LF		\$	
2150	06574		PAVE MARKING-THERMO CURV ARROW	18.00	EACH		\$	
2160	06575		PAVE MARKING-THERMO COMB ARROW	3.00	EACH		\$	
2170	06578		PAVE MARKING-THERMO MERGE ARROW	3.00	EACH		\$	
2180	06592		PAVEMENT MARKER TYPE V-B W/R	4,578.00	EACH		\$	
2190	06593		PAVEMENT MARKER TYPE V-B Y/R	4,578.00	EACH		\$	
2200	06600		REMOVE PAVEMENT MARKER TYPE V	4,577.00	EACH		\$	
2210	08100		CONCRETE-CLASS A	471.00	CUYD		\$	
2220	08150		STEEL REINFORCEMENT	3,300.00	LB		\$	
2230	08903		CRASH CUSHION TY VI CLASS BT TL3	47.00	EACH		\$	
2240	10020NS		FUEL ADJUSTMENT	2,254,628.00	DOLL	\$1.00	\$	\$2,254,628.00
2250	10030NS		ASPHALT ADJUSTMENT	3,410,384.00	DOLL	\$1.00	\$	\$3,410,384.00
2260	20210EN		COHESIVE PILE CORE	1,387.00	CUYD		\$	
2270	20411ED		LAW ENFORCEMENT OFFICER	600.00	HOURL		\$	
2280	20415ES508		CONC MED BAR TY 12C2(50)	876.00	LF		\$	
2290	20757ED		PAVEMENT REPAIR MOT	1,550.00	SQYD		\$	
2300	21370ED		LONGITUDINAL SAW CUT- 6 IN	224,850.00	LF		\$	
2310	21597EN		REMOVE PERF PIPE HEADWALL	20.00	EACH		\$	
2320	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	66,044.00	LF		\$	
2330	22664EN		WATER BLASTING EXISTING STRIPE	201,694.00	LF		\$	
2340	23158ES505		DETECTABLE WARNINGS	102.00	SQFT		\$	
2350	24255EC		REMOVE CABLE GUARDRAIL BARRIER SYSTEM	40,815.00	LF		\$	
2360	24277EC		FLUSH SEDIMENT HART(044)	1.00	LS		\$	
2370	24277EC		FLUSH SEDIMENT LARUE(044)	1.00	LS		\$	
2380	24277EC		FLUSH SEDIMENT HART(043)	1.00	LS		\$	
2390	24277EC		FLUSH SEDIMENT LARUE(045)	1.00	LS		\$	
2400	24277EC		FLUSH SEDIMENT HARDIN	1.00	LS		\$	
2410	24583EC		HDPE PIPE LINER 24 IN	287.00	LF		\$	
2420	24679ED		PAVE MARK THERMO CHEVRON	11,933.00	SQFT		\$	
2430	24683ED		PAVE MARKING-THERMO DOTTED LANE EXTEN	6,814.00	LF		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
2440	00071		CRUSHED AGGREGATE SIZE NO 57	282.00	TON		\$	
2450	00078		CRUSHED AGGREGATE SIZE NO 2	20,622.00	TON		\$	
2460	00461		CULVERT PIPE-15 IN	8.00	LF		\$	
2470	00462		CULVERT PIPE-18 IN	171.20	LF		\$	
2480	00464		CULVERT PIPE-24 IN	16.00	LF		\$	
2490	00521		STORM SEWER PIPE-15 IN	10,683.50	LF		\$	
2500	00522		STORM SEWER PIPE-18 IN	8,547.50	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
2510	00524		STORM SEWER PIPE-24 IN	1,612.90	LF		\$	
2520	00526		STORM SEWER PIPE-30 IN	16.00	LF		\$	
2530	00528		STORM SEWER PIPE-36 IN	180.60	LF		\$	
2540	00529		STORM SEWER PIPE-42 IN	4.00	LF		\$	
2550	00530		STORM SEWER PIPE-48 IN	21.50	LF		\$	
2560	01000		PERFORATED PIPE-4 IN	166,477.00	LF		\$	
2570	01001		PERFORATED PIPE-6 IN	89,330.00	LF		\$	
2580	01010		NON-PERFORATED PIPE-4 IN	9,493.00	LF		\$	
2590	01011		NON-PERFORATED PIPE-6 IN	2,164.00	LF		\$	
2600	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM HART(044)	1.00	LS		\$	
2610	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM LARUE(044)	1.00	LS		\$	
2620	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM HART(043)	1.00	LS		\$	
2630	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM LARUE(045)	1.00	LS		\$	
2640	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM HARDIN	1.00	LS		\$	
2650	01020		PERF PIPE HEADWALL TY 1-4 IN	115.00	EACH		\$	
2660	01024		PERF PIPE HEADWALL TY 2-4 IN	63.00	EACH		\$	
2670	01028		PERF PIPE HEADWALL TY 3-4 IN	130.00	EACH		\$	
2680	01032		PERF PIPE HEADWALL TY 4-4 IN	126.00	EACH		\$	
2690	01202		PIPE CULVERT HEADWALL-15 IN	2.00	EACH		\$	
2700	01204		PIPE CULVERT HEADWALL-18 IN	15.00	EACH		\$	
2710	01208		PIPE CULVERT HEADWALL-24 IN	2.00	EACH		\$	
2720	01212		PIPE CULVERT HEADWALL-36 IN	2.00	EACH		\$	
2730	01216		PIPE CULVERT HEADWALL-48 IN	1.00	EACH		\$	
2740	01411		METAL END SECTION TY 4-18 IN	1.00	EACH		\$	
2750	01413		METAL END SECTION TY 4-24 IN	1.00	EACH		\$	
2760	01432		SLOPED BOX OUTLET TYPE 1-15 IN	2.00	EACH		\$	
2770	01433		SLOPED BOX OUTLET TYPE 1-18 IN	2.00	EACH		\$	
2780	01450		S & F BOX INLET-OUTLET-18 IN	13.00	EACH		\$	
2790	01451		S & F BOX INLET-OUTLET-24 IN	5.00	EACH		\$	
2800	01456		CURB BOX INLET TYPE A	10.00	EACH		\$	
2810	01480		CURB BOX INLET TYPE B	8.00	EACH		\$	
2820	01490		DROP BOX INLET TYPE 1	35.00	EACH		\$	
2830	01493		DROP BOX INLET TYPE 2	1.00	EACH		\$	
2840	01502		DROP BOX INLET TYPE 5A	3.00	EACH		\$	
2850	01511		DROP BOX INLET TYPE 5D	1.00	EACH		\$	
2860	01559		DROP BOX INLET TYPE 13G	6.00	EACH		\$	
2870	01568		DROP BOX INLET TYPE 13S	2.00	EACH		\$	
2880	01634		CAP CURB BOX INLET	1.00	EACH		\$	
2890	01641		JUNCTION BOX-15 IN	1.00	EACH		\$	
2900	01642		JUNCTION BOX-18 IN	22.00	EACH		\$	
2910	01643		JUNCTION BOX-24 IN	7.00	EACH		\$	
2920	01647		JUNCTION BOX-48 IN	2.00	EACH		\$	
2930	01690		FLUME INLET TYPE 1	9.00	EACH		\$	
2940	01691		FLUME INLET TYPE 2	45.00	EACH		\$	
2950	02159		TEMP DITCH	68,747.00	LF		\$	
2960	02483		CHANNEL LINING CLASS II	5,931.00	TON		\$	

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PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
2970	02483		CHANNEL LINING CLASS II (FOR SUPPLEMENTING BROKEN-IN-PLACE PAVED DITCHES)	313.00	TON		\$	
2980	02483		CHANNEL LINING CLASS II FOR SUPPLEMENTING BROKEN-IN-PLACE PAVED DITCHES	468.00	TON		\$	
2990	02484		CHANNEL LINING CLASS III	2,505.00	TON		\$	
3000	02596		FABRIC-GEOTEXTILE TYPE I	2,968.00	SQYD		\$	
3010	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	18,606.00	SQYD	\$2.00	\$	\$37,220.89
3020	02701		TEMP SILT FENCE	68,747.00	LF		\$	
3030	02703		SILT TRAP TYPE A	519.00	EACH		\$	
3040	02704		SILT TRAP TYPE B	519.00	EACH		\$	
3050	02705		SILT TRAP TYPE C	519.00	EACH		\$	
3060	02706		CLEAN SILT TRAP TYPE A	4,426.00	EACH		\$	
3070	02707		CLEAN SILT TRAP TYPE B	4,426.00	EACH		\$	
3080	02708		CLEAN SILT TRAP TYPE C	4,426.00	EACH		\$	
3090	02709		CLEAN TEMP SILT FENCE	68,747.00	LF		\$	
3100	03262		CLEAN PIPE STRUCTURE	13.00	EACH		\$	
3110	05950		EROSION CONTROL BLANKET	103,317.00	SQYD		\$	
3120	05952		TEMP MULCH	2,355,428.00	SQYD		\$	
3130	05953		TEMP SEEDING AND PROTECTION	1,813,928.00	SQYD		\$	
3140	05963		INITIAL FERTILIZER	61.00	TON		\$	
3150	05964		20-10-10 FERTILIZER	101.70	TON		\$	
3160	05985		SEEDING AND PROTECTION	2,355,428.00	SQYD		\$	
3170	05989		SPECIAL SEEDING CROWN VETCH	235,177.00	SQYD		\$	
3180	05990		SODDING	228.00	SQYD		\$	
3190	05992		AGRICULTURAL LIMESTONE	1,458.80	TON		\$	
3200	20211ES706		BORE & JACK PIPE (15 IN)	183.00	LF		\$	
3210	20758ED		REMOVE AND RESET PERF PIPE HEADWALL	10.00	EACH		\$	
3220	20911ED		HIGH SLUMP 3000 PSI GROUT	658.00	CUYD		\$	
3230	21601NN		CONC MED BAR BOX INLET TY 12A2-50	9.00	EACH		\$	
3240	21602NN		CONC MED BARR BOX INLET TY 12B2-50	186.00	EACH		\$	
3250	22620NN		CONC MED BARR BOX INLET TY 12A1-50	5.00	EACH		\$	
3260	23126EN		BORE AND JACK PIPE-18 IN	787.00	LF		\$	
3270	23131ER701		PIPELINE VIDEO INSPECTION	15,548.00	LF		\$	
3280	23274EN11F		TURF REINFORCEMENT MAT 1	27,417.00	SQYD		\$	
3290	23545EC		CLEAN ENHANCED SILT TRAP	405.00	EACH		\$	
3300	23611NN		CONC MED BAR BOX INLET TY 12B1-50	98.00	EACH		\$	
3310	23862EC		SILT TRAP TYPE B-PERM	26.00	EACH		\$	
3320	23864EC		CHANNEL LINING CLASS III-MOD	1,918.00	TON		\$	
3330	24377EC		PREFAB BEND CONNECTION 25 DEG-15 IN	9.00	EACH		\$	
3340	24583EC		HDPE PIPE LINER (15 IN)	463.00	LF		\$	
3350	24583EC		HDPE PIPE LINER (18 IN)	2,704.00	LF		\$	
3360	24583EC		HDPE PIPE LINER (24 IN)	884.00	LF		\$	
3370	24583EC		HDPE PIPE LINER (30 IN)	654.00	LF		\$	
3380	24583EC		HDPE PIPE LINER (36 IN)	375.00	LF		\$	

Section: 0004 - BRIDGE-25020

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
3390	02231		STRUCTURE GRANULAR BACKFILL	292.00	CUYD		\$	
3400	02599		FABRIC-GEOTEXTILE TYPE IV	410.00	SQYD		\$	
3410	02998		MASONRY COATING	1,763.00	SQYD		\$	
3420	03299		ARMORED EDGE FOR CONCRETE	80.00	LF		\$	
3430	04797		CONDUIT-3 IN	631.00	LF		\$	
3440	08001		STRUCTURE EXCAVATION-COMMON	835.00	CUYD		\$	
3450	08020		CRUSHED AGGREGATE SLOPE PROT	330.00	TON		\$	
3460	08033		TEST PILES	201.00	LF		\$	
3470	08046		PILES-STEEL HP12X53	1,447.00	LF		\$	
3480	08094		PILE POINTS-12 IN	54.00	EACH		\$	
3490	08100		CONCRETE-CLASS A	276.40	CUYD		\$	
3500	08104		CONCRETE-CLASS AA	490.40	CUYD		\$	
3510	08150		STEEL REINFORCEMENT	51,093.00	LB		\$	
3520	08151		STEEL REINFORCEMENT-EPOXY COATED	140,143.00	LB		\$	
3530	08634		PRECAST PC I BEAM TYPE 4	1,510.00	LF		\$	
3540	21532ED		RAIL SYSTEM TYPE III	611.00	LF		\$	

Section: 0005 - BRIDGE-25021

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
3550	02231		STRUCTURE GRANULAR BACKFILL	218.00	CUYD		\$	
3560	02599		FABRIC-GEOTEXTILE TYPE IV	334.00	SQYD		\$	
3570	02998		MASONRY COATING	1,428.00	SQYD		\$	
3580	03299		ARMORED EDGE FOR CONCRETE	88.00	LF		\$	
3590	04797		CONDUIT-3 IN	534.00	LF		\$	
3600	08001		STRUCTURE EXCAVATION-COMMON	280.00	CUYD		\$	
3610	08002		STRUCTURE EXCAV-SOLID ROCK	321.00	CUYD		\$	
3620	08020		CRUSHED AGGREGATE SLOPE PROT	260.00	TON		\$	
3630	08033		TEST PILES	37.00	LF		\$	
3640	08039		PRE-DRILLING FOR PILES	160.00	LF		\$	
3650	08046		PILES-STEEL HP12X53	195.00	LF		\$	
3660	08094		PILE POINTS-12 IN	18.00	EACH		\$	
3670	08100		CONCRETE-CLASS A	269.50	CUYD		\$	
3680	08104		CONCRETE-CLASS AA	446.90	CUYD		\$	
3690	08130		MECHANICAL REINF COUPLER #5	52.00	EACH		\$	
3700	08133		MECHANICAL REINF COUPLER #8	18.00	EACH		\$	
3710	08136		MECHANICAL REINF COUPLER #11	54.00	EACH		\$	
3720	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	8.00	EACH		\$	
3730	08141		MECHANICAL REINF COUPLER #6 EPOXY COATED	882.00	EACH		\$	
3740	08150		STEEL REINFORCEMENT	49,649.00	LB		\$	
3750	08151		STEEL REINFORCEMENT-EPOXY COATED	130,279.00	LB		\$	
3760	08633		PRECAST PC I BEAM TYPE 3	1,769.00	LF		\$	
3770	21532ED		RAIL SYSTEM TYPE III	514.00	LF		\$	

Section: 0006 - BRIDGE-US 31W OVER I-65

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
3780	02231		STRUCTURE GRANULAR BACKFILL	304.00	CUYD		\$	
3790	02599		FABRIC-GEOTEXTILE TYPE IV	340.00	SQYD		\$	
3800	02998		MASONRY COATING	1,637.00	SQYD		\$	
3810	03299		ARMORED EDGE FOR CONCRETE	136.00	LF		\$	
3820	08001		STRUCTURE EXCAVATION-COMMON	1,335.00	CUYD		\$	
3830	08020		CRUSHED AGGREGATE SLOPE PROT	408.00	TON		\$	
3840	08033		TEST PILES	420.00	LF		\$	
3850	08046		PILES-STEEL HP12X53	8,677.00	LF		\$	
3860	08094		PILE POINTS-12 IN	132.00	EACH		\$	
3870	08100		CONCRETE-CLASS A	579.20	CUYD		\$	
3880	08104		CONCRETE-CLASS AA	718.90	CUYD		\$	
3890	08130		MECHANICAL REINF COUPLER #5	12.00	EACH		\$	
3900	08132		MECHANICAL REINF COUPLER #7	16.00	EACH		\$	
3910	08134		MECHANICAL REINF COUPLER #9	54.00	EACH		\$	
3920	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	12.00	EACH		\$	
3930	08150		STEEL REINFORCEMENT	77,429.00	LB		\$	
3940	08151		STEEL REINFORCEMENT-EPOXY COATED	198,981.00	LB		\$	
3950	21532ED		RAIL SYSTEM TYPE III	726.00	LF		\$	
3960	24463ED		PPC I-BEAM HN 54 49	2,156.00	LF		\$	

Section: 0007 - BRIDGE-25019

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
3970	02231		STRUCTURE GRANULAR BACKFILL	427.00	CUYD		\$	
3980	02599		FABRIC-GEOTEXTILE TYPE IV	572.00	SQYD		\$	
3990	02998		MASONRY COATING	1,729.00	SQYD		\$	
4000	03299		ARMORED EDGE FOR CONCRETE	312.00	LF		\$	
4010	08001		STRUCTURE EXCAVATION-COMMON	2,150.00	CUYD		\$	
4020	08002		STRUCTURE EXCAV-SOLID ROCK	320.00	CUYD		\$	
4030	08019		CYCLOPEAN STONE RIP RAP	1,310.00	TON		\$	
4040	08033		TEST PILES	65.00	LF		\$	
4050	08046		PILES-STEEL HP12X53	1,481.00	LF		\$	
4060	08094		PILE POINTS-12 IN	53.00	EACH		\$	
4070	08100		CONCRETE-CLASS A	847.30	CUYD		\$	
4080	08104		CONCRETE-CLASS AA	1,039.40	CUYD		\$	
4090	08130		MECHANICAL REINF COUPLER #5	16.00	EACH		\$	
4100	08133		MECHANICAL REINF COUPLER #8	32.00	EACH		\$	
4110	08135		MECHANICAL REINF COUPLER #10	72.00	EACH		\$	
4120	08150		STEEL REINFORCEMENT	111,624.00	LB		\$	
4130	08151		STEEL REINFORCEMENT-EPOXY COATED	304,529.00	LB		\$	
4140	21532ED		RAIL SYSTEM TYPE III	410.00	LF		\$	
4150	23981EC		PPC I-BEAM TYPE HN42-49	2,833.00	LF		\$	

Section: 0008 - BRIDGE-OLD SONORA BRIDGE OVER I-65

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
4160	02231		STRUCTURE GRANULAR BACKFILL	170.00	CUYD		\$	
4170	02599		FABRIC-GEOTEXTILE TYPE IV	266.00	SQYD		\$	
4180	02998		MASONRY COATING	1,476.00	SQYD		\$	
4190	03299		ARMORED EDGE FOR CONCRETE	64.00	LF		\$	
4200	08001		STRUCTURE EXCAVATION-COMMON	467.00	CUYD		\$	
4210	08020		CRUSHED AGGREGATE SLOPE PROT	240.00	TON		\$	
4220	08033		TEST PILES	256.00	LF		\$	
4230	08046		PILES-STEEL HP12X53	2,049.00	LF		\$	
4240	08094		PILE POINTS-12 IN	52.00	EACH		\$	
4250	08100		CONCRETE-CLASS A	221.90	CUYD		\$	
4260	08104		CONCRETE-CLASS AA	349.30	CUYD		\$	
4270	08150		STEEL REINFORCEMENT	35,854.00	LB		\$	
4280	08151		STEEL REINFORCEMENT-EPOXY COATED	95,689.00	LB		\$	
4290	21532ED		RAIL SYSTEM TYPE III	539.00	LF		\$	
4300	23981EC		PPC I-BEAM TYPE HN42-49	1,059.00	LF		\$	

Section: 0009 - BRIDGE-KY-84 OVER I-65

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
4310	02231		STRUCTURE GRANULAR BACKFILL	354.00	CUYD		\$	
4320	02599		FABRIC-GEOTEXTILE TYPE IV	540.00	SQYD		\$	
4330	02998		MASONRY COATING	1,971.00	SQYD		\$	
4340	03299		ARMORED EDGE FOR CONCRETE	160.00	LF		\$	
4350	04797		CONDUIT-3 IN	531.00	LF		\$	
4360	08001		STRUCTURE EXCAVATION-COMMON	921.00	CUYD		\$	
4370	08020		CRUSHED AGGREGATE SLOPE PROT	450.00	TON		\$	
4380	08033		TEST PILES	369.00	LF		\$	
4390	08046		PILES-STEEL HP12X53	1,472.00	LF		\$	
4400	08050		PILES-STEEL HP14X73	4,295.00	LF		\$	
4410	08094		PILE POINTS-12 IN	24.00	EACH		\$	
4420	08095		PILE POINTS-14 IN	70.00	EACH		\$	
4430	08100		CONCRETE-CLASS A	525.10	CUYD		\$	
4440	08104		CONCRETE-CLASS AA	779.50	CUYD		\$	
4450	08150		STEEL REINFORCEMENT	80,641.00	LB		\$	
4460	08151		STEEL REINFORCEMENT-EPOXY COATED	219,491.00	LB		\$	
4470	21532ED		RAIL SYSTEM TYPE III	511.00	LF		\$	
4480	23981EC		PPC I-BEAM TYPE HN42-49	2,264.00	LF		\$	

Section: 0010 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0210	04903		REFERENCE MARKER	178.00	EACH		\$	
0220	04904		BARRIER MOUNTING BRACKET	89.00	EACH		\$	
0230	06400		GMSS GALV STEEL TYPE A	12,794.00	LB		\$	
0240	06401		FLEXIBLE DELINEATOR POST-M/W	1,076.00	EACH		\$	
0250	06404		FLEXIBLE DELINEATOR POST-M/Y	259.00	EACH		\$	
0260	06405		SBM ALUMINUM PANEL SIGNS	3,301.00	SQFT		\$	
0270	06406		SBM ALUM SHEET SIGNS .080 IN	480.00	SQFT		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0280	06407		SBM ALUM SHEET SIGNS .125 IN	2,440.00	SQFT		\$	
0290	06410		STEEL POST TYPE 1	5,375.00	LF		\$	
0300	06412		STEEL POST MILE MARKERS	38.00	EACH		\$	
0310	06441		GMSS GALV STEEL TYPE C	15,240.00	LB		\$	
0320	06451		REMOVE SIGN SUPPORT BEAM	44.00	EACH		\$	
0330	06490		CLASS A CONCRETE FOR SIGNS	98.00	CUYD		\$	
0340	06491		STEEL REINFORCEMENT FOR SIGNS	3,414.00	LB		\$	
0350	20418ED		REMOVE & RELOCATE SIGNS	4.00	EACH		\$	
0360	20419ND		ROADWAY CROSS SECTION	30.00	EACH		\$	
0370	21373ND		REMOVE SIGN	19.00	EACH		\$	
0380	21596ND		GMSS TYPE D	12.00	EACH		\$	
0390	24631EC		BARCODE SIGN INVENTORY	568.00	EACH		\$	

Section: 0011 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0400	04714		POLE 120 FT MTG HT HIGH MAST	25.00	EACH		\$	
0410	04742		POLE BASE-HIGH MAST	25.00	EACH		\$	
0420	04761		LIGHTING CONTROL EQUIPMENT	6.00	EACH		\$	
0430	04773		HPS LUMINAIRE HIGH MAST	135.00	EACH		\$	
0440	04797		CONDUIT-3 IN	2,185.00	LF		\$	
0450	04800		MARKER	52.00	EACH		\$	
0460	04820		TRENCHING AND BACKFILLING	16,875.00	LF		\$	
0470	04860		CABLE-NO. 8/3C DUCTED	10,380.00	LF		\$	
0480	04861		CABLE-NO. 6/3C DUCTED	17,970.00	LF		\$	
0490	04940		REMOVE LIGHTING LARUE(044)	1.00	LS		\$	
0500	04940		REMOVE LIGHTING HART(043)	1.00	LS		\$	
0510	04940		REMOVE LIGHTING HARDIN	1.00	LS		\$	
0520	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	18.00	EACH		\$	
0530	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	7.00	EACH		\$	
0540	20410ED		MAINTAIN LIGHTING LARUE(044)	1.00	LS		\$	
0550	20410ED		MAINTAIN LIGHTING HART(043)	1.00	LS		\$	
0560	20410ED		MAINTAIN LIGHTING HARDIN	1.00	LS		\$	
0570	21543EN		BORE AND JACK CONDUIT	880.00	LF		\$	

Section: 0012 - TRAFFIC LOOPS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0580	04793		CONDUIT-1 1/4 IN	240.00	LF		\$	
0590	04795		CONDUIT-2 IN	60.00	LF		\$	
0600	04820		TRENCHING AND BACKFILLING	270.00	LF		\$	
0610	04829		PIEZOELECTRIC SENSOR	18.00	EACH		\$	
0620	04830		LOOP WIRE	8,700.00	LF		\$	

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0630	04895		LOOP SAW SLOT AND FILL	1,680.00	LF		\$	
0640	20359NN		GALVANIZED STEEL CABINET	6.00	EACH		\$	
0650	20360ES818		WOOD POST	12.00	EACH		\$	
0660	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	6.00	EACH		\$	

Section: 0013 - TEMPORARY TIE-IF NEEDED

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0670	00001		DGA BASE	7,731.00	TON		\$	
0680	00008		CEMENT STABILIZED ROADBED	21,633.00	SQYD		\$	
0690	00018		DRAINAGE BLANKET-TYPE II-ASPH	10,817.00	TON		\$	
0700	00100		ASPHALT SEAL AGGREGATE	24.00	TON		\$	
0710	00103		ASPHALT SEAL COAT	3.00	TON		\$	
0720	00190		LEVELING & WEDGING PG64-22	880.00	TON		\$	
0730	00214		CL3 ASPH BASE 1.00D PG64-22	5,107.00	TON		\$	
0740	00217		CL4 ASPH BASE 1.00D PG64-22	3,928.00	TON		\$	
0750	00219		CL4 ASPH BASE 1.00D PG76-22	396.00	TON		\$	
0760	00339		CL3 ASPH SURF 0.38D PG64-22	288.00	TON		\$	
0770	00342		CL4 ASPH SURF 0.38A PG76-22	399.00	TON		\$	
0780	00358		ASPHALT CURING SEAL	47.00	TON		\$	
0790	01005		PERFORATED PIPE EDGE DRAIN-4 IN	1,450.00	LF		\$	
0800	01006		PERFORATED PIPE EDGE DRAIN-6 IN	3,245.00	LF		\$	
0810	02003		RELOCATE TEMP CONC BARRIER	13,725.00	LF		\$	
0820	02014		BARRICADE-TYPE III	8.00	EACH		\$	
0830	02542		CEMENT	421.00	TON		\$	
0840	02562		TEMPORARY SIGNS	500.00	SQFT		\$	
0850	02585		EDGE KEY	76.00	LF		\$	
0860	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0870	02677		ASPHALT PAVE MILLING & TEXTURING	238.00	TON		\$	
0880	02702		SAND FOR BLOTTER	54.00	TON		\$	
0890	02775		ARROW PANEL	4.00	EACH		\$	
0900	02898		RELOCATE CRASH CUSHION	4.00	EACH		\$	
0910	03171		CONCRETE BARRIER WALL TYPE 9T	6,500.00	LF		\$	
0920	03225		TUBULAR MARKERS	168.00	EACH		\$	
0930	06411		STEEL POST TYPE 2	800.00	LF		\$	
0940	06511		PAVE STRIPING-TEMP PAINT-6 IN	62,986.00	LF		\$	
0950	06515		PAVE STRIPING-PERM PAINT-6 IN	6,447.00	LF		\$	
0960	06550		PAVE STRIPING-TEMP REM TAPE-W	1,000.00	LF		\$	
0970	06551		PAVE STRIPING-TEMP REM TAPE-Y	800.00	LF		\$	
0980	06592		PAVEMENT MARKER TYPE V-B W/R	55.00	EACH		\$	
0990	06593		PAVEMENT MARKER TYPE V-B Y/R	68.00	EACH		\$	
1000	08903		CRASH CUSHION TY VI CLASS BT TL3	2.00	EACH		\$	
1010	20471ES509		TEMP CONC MED BARRIER	3,245.00	LF		\$	
1020	20738NS112		TEMP CRASH CUSHION	1.00	EACH		\$	

Section: 0014 - TRAINEES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1030	02742		TRAINEE PAYMENT REIMBURSEMENT CLASS B OPERATOR	1,400.00	HOUR		\$	
1040	02742		TRAINEE PAYMENT REIMBURSEMENT 1 CLASS A OPERATOR	1,600.00	HOUR		\$	
1050	02742		TRAINEE PAYMENT REIMBURSEMENT 1 CEMENT MASON	1,200.00	HOUR		\$	
1060	02742		TRAINEE PAYMENT REIMBURSEMENT 1 CEMENT MASON	1,200.00	HOUR		\$	
1070	02742		TRAINEE PAYMENT REIMBURSEMENT 1 CLASS A OPERATOR	1,600.00	HOUR		\$	
1080	02742		TRAINEE PAYMENT REIMBURSEMENT 1 CLASS B OPERATOR	1,400.00	HOUR		\$	
1090	02742		TRAINEE PAYMENT REIMBURSEMENT 1 CEMENT MASON	1,200.00	HOUR		\$	
1100	02742		TRAINEE PAYMENT REIMBURSEMENT 1 CEMENT MASON	1,200.00	HOUR		\$	
1110	02742		TRAINEE PAYMENT REIMBURSEMENT 1 CLASS B OPERATOR	1,400.00	HOUR		\$	

Section: 0015 - DEMOBILIZATION AND MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1120	02568		MOBILIZATION	1.00	LS		\$	
1130	02569		DEMOBILIZATION	1.00	LS		\$	
1140	02570		PROJECT CPM SCHEDULE SEE DESIGN FOR SPECIAL NOTE REVISED: 8-19-14	1.00	LS		\$	