Matthew G. Bevin
Governor

COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Greg Thomas
Secretary

May 18, 2017

CALL NO. 101
CONTRACT ID NO. 171216
ADDENDUM # 1

Subject: NHPP IM 0654 (054)
Letting May 26, 2017

(1) Revised - Summary - Pages 64-65 of 414
(2) Revised - Note - Pages 83 & 85 of 414
(3) Revised - Special Note - Pages 134-135 of 414
(4) Revised - Bid Items - Pages 409-414 of 414

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

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

RM:ks
Enclosures

PAVEMENT REHABILITATION SUMMARY
I-65 HARDIN COUNTY
MILEPOST 90.54 TO 97.61
ITEM NUMBER 4-2060.00

ITEM NUMBER	ITEM		QUANTITY	UNIT
1	DGA BASE	(1)	2,758	TON
100	ASPHALT SEAL AGGREGATE		1,902	TON
103	ASPHALT SEAL COAT		229	TON
194	LEVELING AND WEDGING PG76-22	(8)	11,344	TON
214	CL3 ASPH BASE 1.00D PG64-22		6,597	TON
219	CL4 ASPH BASE 1.00D PG76-22		14,744	TON
339	CL3 ASPH SURF 0.38D PG64-22		11,141	TON
342	CL4 ASPH SURF 0.38A PG76-22		34,609	TON
462	CULVERT PIPE- 18 IN		4	LF
1010	NON-PERFORATED PIPE - 4 IN	(9)	675	LF
1020	PERFORATED PIPE HEADWALL TYPE 1 - 4 IN	(9)	2	EACH
1021	PERFORATED PIPE HEADWALL TYPE 1 - 6 IN		1	EACH
1028	PERFORATED PIPE HEADWALL TYPE 3 - 4 IN	(9)	15	EACH
1030	PERFORATED PIPE HEADWALL TYPE 3 - 8 IN		1	EACH
1032	PERFORATED PIPE HEADWALL TYPE 4 - 4 IN	(9)	10	EACH
1432	SLOPED BOX OUTLET TY 1 - 15 IN		1	EACH
1453	SLOPED & FLARED BOX INLET - OUTLET - 36 IN		1	EACH
1484	CURB BOX INLET TYPE B - T		17	EACH
1487	CURB BOX INLET TYPE F		1	EACH
1565	DROP BOX INLET TYPE 13GT		1	EACH
1690	FLUME INLET TYPE 1		5	EACH
1691	FLUME INLET TYPE 2		13	EACH
1877	SPECIAL CONCRETE HEADER CURB		8,407	LF
1891	ISLAND HEADER CURB TYPE 2		197	LF
-	REGRADE SLOPE		13,725	SQYD
1982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL- WHITE		348	EACH
1983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL- YELLOW		47	EACH
2165	REMOVE PAVED DITCH		45	SQYD
2220	FLOWABLE FILL		5	CUYD
2223	GRANULAR EMBANKMENT		119	CUYD
2237	DITCHING		48,074	LF
2352	GUARDRAIL STEELW BEAM-D FACE		662.5	LF
2360	TERMINAL SECTION NO. 1		3	EACH
2363	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A		15	EACH
2365	CRASH CUSHION TYPE IX-A		7	EACH
2367	GUARDRAIL END TREATMENT TYPE 1		6	EACH
2369	GUARDRAIL END TREATMENT TYPE 2A		24	EACH
2373	GUARDRAIL END TREATMENT TYPE 3		1	EACH
2381	REMOVE GUARDRAIL		31,112.5	LF
2387	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A-1		10	EACH
2391	GUARDRAIL END TREATMENT TYPE 4A		16	EACH
2484	CHANNEL LINING CLASS III		944	TON
2562	TEMPORARY SIGNS		2500	SQFT
2568	MOBILIZATION		1	LS
2569	DEMOBILIZATION		1	LS
2599	FABRIC-GEOTEXTILE TYPE IV		75	SQYD
2650	MAINTAIN AND CONTROL TRAFFIC		1	LS
2671	PORTABLE CHANGEABLE MESSAGE SIGN		8	EACH
2676	MOBILIZATION FOR MILLING & TEXTURING		1	LS
2677	ASPHALT PAVE MILLING & TEXTURING		52,750	TON
2696	SHOULDER RUMBLE STRIPS		213,924	LF
2704	SILT TRAP TYPE B		23	EACH
2707	CLEAN SILT TRAP TYPE B		23	EACH
2714	SHOULDERING		74,659	LF
2775	ARROW PANEL		6	EACH
2929	CRASH CUSHION TYPE IX		6	EACH
5950	EROSION CONTROL BLANKET		12,444	SQYD
5963	INITIAL FERTILIZER		4	TON
5964	20-10-10 FERTILIZER		4	TON
5985	SEEDING AND PROTECTION		54,032	SQ YD
6401	FLEXIBLE DELINEATOR POST-M/W		918	EACH
6404	FLEXIBLE DELINEATOR POST-M/Y		622	EACH
6412	STEEL POST MILE MARKERS		14	EACH
6427	TRENCHING	(2)	31,864	LF
6511	PAVEMENT STRIPING-TEMP PAINT -6 IN		461,822	LF
6542	PAVE STRIPING-THERMO-6 IN W		153,228	LF

PAVEMENT REHABILITATION SUMMARY
I-65 HARDIN COUNTY
MILEPOST 90.54 TO 97.61
ITEM NUMBER 4-2060.00

ITEM NUMBER	ITEM		QUANTITY	UNIT
6543	PAVE STRIPING-THERMO-6 IN Y		109,011	LF
6546	PAVE STRIPING-THERMO-12 IN W		6,080	LF
6556	PAVE STRIPING-DUR TY 1-6 IN W		3,728	LF
6557	PAVE STRIPING-DUR TY 1-6 IN Y		2,124	LF
6568	PAVE MARKING-THERMO STOP BAR-24 IN		80	LF
6574	PAVE MARKING - THERMO CURVE ARROW		9	EACH
10020NS	FUEL ADJUSTMENT		122,088	DOLL
10030NS	ASPHALT ADJUSTMENT		306,650	DOLL
20366NN	REPLACE GRATE		12	EACH
20432ES112	REMOVE CRASH CUSHION		13	EACH
20757ED	PAVEMENT REPAIR (MAJOR)		1462	SQYD
20757ED	PAVEMENT REPAIR (MINOR)		6006	SQYD
21802EN	GUARDRAIL-STEEL W BEAM-S FACE (7 FT POST)		29,562.5	LF
22415EN	CONCRETE CLASS A FOR PAD	(3)	14,162	SQYD
23147EN	HIGH TENSION CABLE-ROPE	(4) (5) (6)	31,864	LF
23148EN	END ANCHOR	(7) (5) (6)	6	EACH
23229EC	HIGH FRICTION SURFACE TREATMENT		1,569	SQYD
23970NC	RESET GRATE		10	EACH
24489EC	INLAID PAVEMENT MARKER		3,038	EACH
24781EC	INTELLIGENT COMPACTION FOR ASPHALT		49,353	TON
24891EC	PAVE MOUNT INFRARED TEMP EQUIP		3,708,738	SQFT

(1) 2255 tons carried over from the paving summary, 162 tons carried over from the drainage summary, 101 tons to be used for shoulder repair as directed by the Engineer, and 240 tons to be used for reshaping the Bluegrass Parkway median.

(2) The bid item "Trenching" is for the trenching and disposal of the material removed for the Concrete Class A Pad under the HTC Median Barrier system. Provided this material meets geotechnical requirements it may be used where median fill is needed. Waste area will be pre-approved by the Engineer.

(3) Construct per the Section 505 of the *Standard Specifications for Road and Bridge Construction (current edition)* for concrete sidewalks.

(4) The HTC Median Barrier system includes all hardware, post, cables, labor, and incidentals within the End Anchors

(5) Excavation for the posts and anchors is incidental to the HTC Median Barrier. This material may also be used where median fill is needed provided that requirements listed in note (2) above are followed.

(6) The Contractor shall select and install only one manufacturer's high tension cable barrier system for the entire project. Terminal sections and high tension cable barrier shall be produced by the same manufacturer.

(7) The HTC Median Barrier End Anchors includes all hardware, post, cables, labor, and incidentals.

(8) 5304 tons carried over from the paving summary and 6040 tons to be used for superelevation correction.

(9) To be used for major pavement repairs.

Thermoplastic Markings (6" and 12") is measured per linear foot. See Traffic Control Plan. Inlaid Pavement Markers are measured as each.

E. **Erosion Control Blanket.** Erosion Control Blanket is measured by square yard and is to be used in ditching areas and slope stabilization areas as directed by the Engineer.

F. **Embankment.** Embankment is measured by cubic yard and is to be placed in pipe repair/extension locations and as directed by the Engineer. Contrary to the Standard Specifications, payment will be based on measured quantity **NOT** plan quantity.

V. BASIS OF PAYMENT

No direct payment will be made other than for the bid items listed. All other items required to complete the construction will be incidental to the bid items listed. Existing signs damaged by the Contractor will be replaced by the Contractor at his expense.

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

B. **Site Preparation.** Other than the bid items listed, no direct payment will be allowed for site preparation, but will be incidental to the other items of work.

C. **Dense Grade Aggregate.** See Section 302 of the Standard Specifications.

D. **Inlaid Pavement Markers and Permanent Striping.** See Special Notes and Traffic Control Plan.

7. All “green” milepost signs shall be replaced with this project. Payment for these signs will be made by “each” for the bid item “Steel Post Mile Markers”. The proposed location for these green mile posts is different than their existing location. The new mile posts are to be placed as follows (see detail sheets):

    I-65 M.P. 91 Sta. 71+63.78
    I-65 M.P. 92 Sta. 124+43.78
    I-65 M.P. 93 Sta. 176+69.00
    I-65 M.P. 94 Sta. 228+93.00
    I-65 M.P. 95 Sta. 281+73.24
    I-65 M.P. 96 Sta. 334+08.90
    I-65 M.P. 97 Sta. 386+78.07

8. Any roadway signs that are damaged during construction are to be replaced at the contractor's expense.

9. Any light poles that are damaged during construction are to be replaced at the contractor's expense.

10. The existing edge drain system is to be preserved. Care should be taken when the asphalt is removed and replaced, any edge drains damaged during these activities will be replaced at the contractor’s expense. Edge drains damaged during placement of replacement outlets will also be replaced at the contractor's expense.

11. Several areas throughout the project have slopes that are beginning to fail or slip due to poor drainage. These areas shall be ditched as directed by the Engineer. The degrading slopes shall be regraded and dressed as directed by the Engineer. Payment for this work will be measured by linear foot of “ditching”, ton of “DGA” and square yard of “erosion control blanket”.

12. A quantity of “DGA” has been included to reshape the shoulders to “normal” condition as directed by the Engineer. Removing guardrail, Asphalt Seal Coat, and Asphalt Seal Aggregate will be paid separately from this item of work. Any other items of work necessary to complete this item of work as directed by the Engineer will be considered incidental to “DGA”.

13. All shoulders, mainline, and ramps are to receive two applications of asphalt seal coat. The width of the asphalt seal may vary throughout the project. The actual width shall be as directed by the Engineer. Quantities of asphalt seal coat and asphalt seal aggregate are included in the General Summary for the project wide shoulder wedging/reshaping.

14. Ditching is included with this project. The contractor shall remove all debris from ditches, including boulders and brush. The contractor shall remove all loose rock and brush up to and including the first bench cut in the existing rock cuts or as directed by the engineer. The median between US 62 Ramp A and US 62 Ramp B shall be reshaped and will be considered incidental to the bid item “Ditching.” A quantity of DGA has been included in the general summary for this purpose.

SPECIAL NOTE FOR PAVER MOUNTED TEMPERATURE PROFILES

This Special Note will apply when indicated on the plans or in the proposal. Section references herein are to the Department's Standard Specifications for Road and Bridge Construction current edition.

1.0 DESCRIPTION. Provide a paver mounted infrared temperature equipment to continually monitor the temperature of the asphalt mat immediately behind all paver(s) during the placement operations for all driving lanes within the project limits. Provide thermal profiles that include material temperature and measurement locations.

2.0 MATERIALS AND EQUIPMENT. In addition to the equipment specified in Subsection 403.02 Utilize a thermal equipment supplier that can provide a qualified representative for on-site technical assistance during the initial setup, pre-construction verification, and data management and processing as needed during the Project to maintain equipment within specifications and requirements.

Provide operator settings, user manuals, required viewing/export software for analysis. Ensure the temperature equipment will meet the following:

(A) A device with one or more infrared sensors that is capable of measuring in at least 1 foot intervals across the paving width, with a minimum width of 12 feet, or extending to the recording limits of the equipment, whichever is greater. A Maximum of two (2) brackets are allowed in the influence area under the sensors. A temperature profile must be made on at least 1 foot intervals longitudinally down the road:

(B) Infrared sensor(s):

(1) Measuring from 32°F to 400°F with an accuracy of ± 2.0% of the sensor reading.

(C) Ability to measure the following:

(1) The placement distance using a Global Positioning System (GPS) or a Distance Measuring Instrument (DMI) and a Global Positioning System (GPS).

(2) Stationing

(D) GPS: Accuracy ± 4 feet in the X and Y Direction

(E) Latest version of software to collect, display, retain and analyze the mat temperature readings during placement. The software must have the ability to create and analyze:

(1) Full collected width of the thermal profiles,

(2) Paver speed and

(3) Paver stops and duration for the entire Project.

(F) Ability to export data automatically to a remote data server ("the cloud").

At the preconstruction meeting, provide the Department with rights to allow for web access to the data file location.

This web-based software must also provide the Department with the ability to download the raw files and software and to convert them into the correct format.

(G) The thermal profile data files must provide the following data in a neat easy to read table format.

(1) Project information including Road Name and Number, PCN, Beginning and Ending MPs.

(2) IR Bar Manufacturer and Model number

(3) Number of Temperature Sensors (N)

(4) Spacing between sensors and height of sensors above the asphalt mat

(5) Total number of individual records taken each day (DATA BLOCK)

(a) Date and Time reading taken

(b) Latitude and Longitude

(c) Distance paver has moved from last test location

(d) Direction and speed of the paver

(e) Surface temperature of each of the sensors

3.0 CONSTRUCTION. Provide the Engineer with all required documentation at the pre-construction conference.

(A) Install and operate equipment in accordance with the manufacturer's specifications.

(B) Verify that the temperature sensors are within ± 2.0% using an independent temperature device on a material of known temperature. Collect and compare the GPS coordinates from the equipment with an independent measuring device.

(1) Ensure the independent survey grade GPS measurement device is calibrated to the correct coordinate system (using a control point), prior to using these coordinates to validate the equipment GPS.

(2) The comparison is considered acceptable if the coordinates are within 4 feet of each other in the X and Y direction.

(C) Collect thermal profiles on all Driving Lanes during the paving operation and transfer the data to the "cloud" network or if automatic data transmission is not available, transfer the data to the Engineer at the end of daily paving.

(D) Contact the Department immediately when System Failure occurs. Daily Percent Coverage will be considered zero when the repairs are not completed within two (2) working days of System Failure. The start of this two (2) working day period begins the next working day after System Failure.

(E) Evaluate thermal profile segments, every 150 feet, and summarize the segregation of temperature results. Results are to be labeled as Minimal 0°-25°F, Moderate 25.1°-50°F and Severe >50°. Severe readings over 3 consecutive segments or over 4 or more segments in a day warrant investigation on the cause of the differential temperature distribution.

4.0 MEASUREMENT. The Department will measure the total area of the driving lanes mapped by the infrared scanners. Full payment will be provided for all driving lanes with greater than 85% coverage. Partial payment will be made for all areas covered from 50% coverage to 85% coverage at the following rate Coverage area percentage X Total bid amount. And area with less than 50% coverage will not be measured for payment.

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

1. Payment is full compensation for all work associated with providing all required equipment, training, and documentation.
2. Delays due to GPS satellite reception of signals or equipment breakdowns will not be considered justification for contract modifications or contract extensions.

Code	Pay Item	Pay Unit
24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT	SQFT

171216

PROPOSAL BID ITEMS

Report Date 5/18/17

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	2,758.00	TON		$	
0020	00100		ASPHALT SEAL AGGREGATE	1,902.00	TON		$	
0030	00103		ASPHALT SEAL COAT	229.00	TON		$	
0040	00194		LEVELING & WEDGING PG76-22	11,344.00	TON		$	
0050	00214		CL3 ASPH BASE 1.00D PG64-22	6,597.00	TON		$	
0060	00219		CL4 ASPH BASE 1.00D PG76-22	14,744.00	TON		$	
0070	00339		CL3 ASPH SURF 0.38D PG64-22	11,141.00	TON		$	
0080	00342		CL4 ASPH SURF 0.38A PG76-22	34,609.00	TON		$	
0090	02677		ASPHALT PAVE MILLING & TEXTURING	52,750.00	TON		$	
0100	23229EC		HIGH FRICTION SURFACE TREATMENT	1,569.00	SQYD		$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0590	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	348.00	EACH		$	
0600	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	47.00	EACH		$	
0610	02237		DITCHING	48,074.00	LF		$	
0620	02352		GUARDRAIL-STEEL W BEAM-D FACE	662.50	LF		$	
0630	02360		GUARDRAIL TERMINAL SECTION NO 1	3.00	EACH		$	
0640	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	15.00	EACH		$	
0650	02365		CRASH CUSHION TYPE IX-A	7.00	EACH		$	
0660	02367		GUARDRAIL END TREATMENT TYPE 1	6.00	EACH		$	
0670	02369		GUARDRAIL END TREATMENT TYPE 2A	24.00	EACH		$	
0680	02373		GUARDRAIL END TREATMENT TYPE 3	1.00	EACH		$	
0690	02381		REMOVE GUARDRAIL	31,112.50	LF		$	
0700	02387		GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	10.00	EACH		$	
0710	02391		GUARDRAIL END TREATMENT TYPE 4A	16.00	EACH		$	
0720	02562		TEMPORARY SIGNS	2,500.00	SQFT		$	
0730	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		$	
0740	02671		PORTABLE CHANGEABLE MESSAGE SIGN	8.00	EACH		$	
0750	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		$	
0760	02696		SHOULDER RUMBLE STRIPS	213,924.00	LF		$	
0770	02704		SILT TRAP TYPE B	23.00	EACH		$	
0780	02707		CLEAN SILT TRAP TYPE B	23.00	EACH		$	
0790	02714		SHOULDERING	74,659.00	LF		$	
0800	02775		ARROW PANEL	6.00	EACH		$	
0810	02929		CRASH CUSHION TYPE IX	6.00	EACH		$	
0820	05950		EROSION CONTROL BLANKET	12,444.00	SQYD		$	
0830	06401		FLEXIBLE DELINEATOR POST-M/W	918.00	EACH		$	
0840	06404		FLEXIBLE DELINEATOR POST-M/Y	622.00	EACH		$	
0850	06412		STEEL POST MILE MARKERS	14.00	EACH		$	
0860	06427		TRENCHING	31,864.00	LF		$	
0870	06511		PAVE STRIPING-TEMP PAINT-6 IN	461,822.00	LF		$	

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0880	06542		PAVE STRIPING-THERMO-6 IN W	153,228.00	LF		$	
0890	06543		PAVE STRIPING-THERMO-6 IN Y	109,011.00	LF		$	
0900	06546		PAVE STRIPING-THERMO-12 IN W	6,080.00	LF		$	
0910	06556		PAVE STRIPING-DUR TY 1-6 IN W	3,728.00	LF		$	
0920	06557		PAVE STRIPING-DUR TY 1-6 IN Y	2,124.00	LF		$	
0930	06568		PAVE MARKING-THERMO STOP BAR-24IN	80.00	LF		$	
0940	06574		PAVE MARKING-THERMO CURV ARROW	9.00	EACH		$	
0950	10020NS		FUEL ADJUSTMENT	122,088.00	DOLL	$1.00	$	$122,088.00
0960	10030NS		ASPHALT ADJUSTMENT	306,650.00	DOLL	$1.00	$	$306,650.00
0970	20432ES112		REMOVE CRASH CUSHION	13.00	EACH		$	
0980	20757ED		PAVEMENT REPAIR (MAJOR) (REVISED: 5-18-17)	1,462.00	SQYD		$	
0990	20757ED		PAVEMENT REPAIR (MINOR) (REVISED: 5-18-17)	6,006.00	SQYD		$	
1000	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	29,562.50	LF		$	
1010	22415EN		CONCRETE CLASS A FOR PAD	14,162.00	SQYD		$	
1020	23147EN		HIGH TENSION CABLE-ROPE BARRIER	31,864.00	LF		$	
1030	23148EN		END ANCHORS	6.00	EACH		$	
1040	24489EC		INLAID PAVEMENT MARKER	3,038.00	EACH		$	
1050	24781EC		INTELLIGENT COMPACTION FOR ASPHALT	49,353.00	TON		$	
1060	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	3,708,738.00	SF		$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1070	00462		CULVERT PIPE-18 IN	4.00	LF		$	
1080	01010		NON-PERFORATED PIPE-4 IN	675.00	LF		$	
1090	01020		PERF PIPE HEADWALL TY 1-4 IN	2.00	EACH		$	
1100	01021		PERF PIPE HEADWALL TY 1-6 IN	1.00	EACH		$	
1110	01028		PERF PIPE HEADWALL TY 3-4 IN	15.00	EACH		$	
1120	01030		PERF PIPE HEADWALL TY 3-8 IN	1.00	EACH		$	
1130	01032		PERF PIPE HEADWALL TY 4-4 IN	10.00	EACH		$	
1140	01432		SLOPED BOX OUTLET TYPE 1-15 IN	1.00	EACH		$	
1150	01453		S & F BOX INLET-OUTLET-36 IN	1.00	EACH		$	
1160	01484		CURB BOX INLET TYPE B-T	17.00	EACH		$	
1170	01487		CURB BOX INLET TYPE F	1.00	EACH		$	
1180	01565		DROP BOX INLET TYPE 13GT	1.00	EACH		$	
1190	01690		FLUME INLET TYPE 1	5.00	EACH		$	
1200	01691		FLUME INLET TYPE 2	13.00	EACH		$	
1210	01877		SPECIAL HEADER CURB	8,407.00	LF		$	
1220	01891		ISLAND HEADER CURB TYPE 2	197.00	LF		$	
1230	02165		REMOVE PAVED DITCH	45.00	SQYD		$	
1240	02220		FLOWABLE FILL	5.00	CUYD		$	
1250	02223		GRANULAR EMBANKMENT	119.00	CUYD		$	
1260	02484		CHANNEL LINING CLASS III	944.00	TON		$	
1270	02599		FABRIC-GEOTEXTILE TYPE IV	75.00	SQYD		$	
1280	05963		INITIAL FERTILIZER	4.00	TON		$	
1290	05964		20-10-10 FERTILIZER	4.00	TON		$	

Report Date 5/18/17

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1300	05985		SEEDING AND PROTECTION	54,032.00	SQYD		$	
1310	20366NN		REPLACE GRATE	12.00	EACH		$	
1320	23970NC		RESET GRATE	10.00	EACH		$	
1330	24906ED		REGRADE SLOPE	13,725.00	SQYD		$	

Section: 0004 - BRIDGE - I-65 RAMP OVER US 31W (047B00124N)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1340	03295		EXPAN JOINT REPLACE 2 IN	77.00	LF		$	
1350	03299		ARMORED EDGE FOR CONCRETE	76.00	LF		$	
1360	03300		ELIMINATE TRANSVERSE JOINT	76.00	LF		$	
1370	08151		STEEL REINFORCEMENT-EPOXY COATED	45.00	LB		$	
1380	08504		EPOXY SAND SLURRY	58.00	SQYD		$	
1390	08526		CONC CLASS M FULL DEPTH PATCH	.20	CUYD		$	
1400	08534		CONCRETE OVERLAY-LATEX	29.80	CUYD		$	
1410	08549		BLAST CLEANING	716.00	SQYD		$	
1420	08551		MACHINE PREP OF SLAB	716.00	SQYD		$	
1430	22146EN		CONCRETE PATCHING REPAIR	255.00	SQFT		$	
1440	24094EC		PARTIAL DEPTH PATCHING	2.20	CUYD		$	

Section: 0005 - BRIDGE - I-65 (SB) OVER US 31W (047B00132L)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1450	03295		EXPAN JOINT REPLACE 2 IN	130.00	LF		$	
1460	03299		ARMORED EDGE FOR CONCRETE	130.00	LF		$	
1470	03300		ELIMINATE TRANSVERSE JOINT	130.00	LF		$	
1480	08151		STEEL REINFORCEMENT-EPOXY COATED	65.00	LB		$	
1490	08504		EPOXY SAND SLURRY	65.00	SQYD		$	
1500	08526		CONC CLASS M FULL DEPTH PATCH	.30	CUYD		$	
1510	08534		CONCRETE OVERLAY-LATEX	52.50	CUYD		$	
1520	08549		BLAST CLEANING	1,260.00	SQYD		$	
1530	08551		MACHINE PREP OF SLAB	1,260.00	SQYD		$	
1540	22146EN		CONCRETE PATCHING REPAIR	145.00	SQFT		$	
1550	24094EC		PARTIAL DEPTH PATCHING	3.90	CUYD		$	

Section: 0006 - BRIDGE - I-65 (NB) OVER US 31W (047B00126R)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1560	03295		EXPAN JOINT REPLACE 2 IN	197.00	LF		$	
1570	03299		ARMORED EDGE FOR CONCRETE	196.00	LF		$	
1580	03300		ELIMINATE TRANSVERSE JOINT	196.00	LF		$	
1590	08151		STEEL REINFORCEMENT-EPOXY COATED	105.00	LB		$	
1600	08504		EPOXY SAND SLURRY	65.00	SQYD		$	
1610	08526		CONC CLASS M FULL DEPTH PATCH	.50	CUYD		$	
1620	08534		CONCRETE OVERLAY-LATEX	79.30	CUYD		$	
1630	08549		BLAST CLEANING	1,905.00	SQYD		$	

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1640	08551		MACHINE PREP OF SLAB	1,905.00	SQYD		$	
1650	22146EN		CONCRETE PATCHING REPAIR	810.00	SQFT		$	
1660	24094EC		PARTIAL DEPTH PATCHING	5.90	CUYD		$	
1670	24897EC		EXPAN JOINT REPLACE 3/4 IN (LONGITUDINAL JOINT)	220.00	LF		$	

Section: 0007 - BRIDGE - I-65 (SB) OVER CSX RR & HAWKINS DRIVE (047B00125L)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1680	03295		EXPAN JOINT REPLACE 2 IN	194.00	LF		$	
1690	03299		ARMORED EDGE FOR CONCRETE	194.00	LF		$	
1700	08151		STEEL REINFORCEMENT-EPOXY COATED	145.00	LB		$	
1710	08504		EPOXY SAND SLURRY	80.00	SQYD		$	
1720	08526		CONC CLASS M FULL DEPTH PATCH	.70	CUYD		$	
1730	08534		CONCRETE OVERLAY-LATEX	121.80	CUYD		$	
1740	08549		BLAST CLEANING	2,925.00	SQYD		$	
1750	08551		MACHINE PREP OF SLAB	2,925.00	SQYD		$	
1760	24094EC		PARTIAL DEPTH PATCHING	9.00	CUYD		$	

Section: 0008 - BRIDGE - I-65 (NB) OVER CSX RR & HAWKINS DRIVE (047B00125R)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1770	03295		EXPAN JOINT REPLACE 2 IN	145.00	LF		$	
1780	03299		ARMORED EDGE FOR CONCRETE	145.00	LF		$	
1790	08151		STEEL REINFORCEMENT-EPOXY COATED	105.00	LB		$	
1800	08504		EPOXY SAND SLURRY	70.00	SQYD		$	
1810	08526		CONC CLASS M FULL DEPTH PATCH	.50	CUYD		$	
1820	08534		CONCRETE OVERLAY-LATEX	77.40	CUYD		$	
1830	08549		BLAST CLEANING	1,860.00	SQYD		$	
1840	08551		MACHINE PREP OF SLAB	1,860.00	SQYD		$	
1850	24094EC		PARTIAL DEPTH PATCHING	5.70	CUYD		$	

Section: 0009 - BRIDGE - I-65 (SB) OVER SPRINGFIELD RD (047B00129L)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1860	03294		EXPAN JOINT REPLACE 1 1/2 IN	113.00	LF		$	
1870	03299		ARMORED EDGE FOR CONCRETE	113.00	LF		$	
1880	08151		STEEL REINFORCEMENT-EPOXY COATED	45.00	LB		$	
1890	08504		EPOXY SAND SLURRY	35.00	SQYD		$	
1900	08526		CONC CLASS M FULL DEPTH PATCH	.20	CUYD		$	
1910	08534		CONCRETE OVERLAY-LATEX	28.60	CUYD		$	
1920	08549		BLAST CLEANING	685.00	SQYD		$	
1930	08551		MACHINE PREP OF SLAB	685.00	SQYD		$	
1940	24094EC		PARTIAL DEPTH PATCHING	2.10	CUYD		$	

Section: 0010 - BRIDGE - I-65 (NB) OVER SPRINGFIELD RD (047B00129R)

Section: 0010 - BRIDGE - I-65 (NB) OVER SPRINGFIELD RD (047B00129R)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0110	02383		REMOVE & RESET GUARDRAIL	15.00	LF		$	
0120	03235		EXCAVATION AND BACKFILL	6.00	CUYD		$	
0130	03294		EXPAN JOINT REPLACE 1 1/2 IN	113.00	LF		$	
0140	03299		ARMORED EDGE FOR CONCRETE	113.00	LF		$	
0150	08104		CONCRETE-CLASS AA	6.30	CUYD		$	
0160	08151		STEEL REINFORCEMENT-EPOXY COATED	730.00	LB		$	
0170	08504		EPOXY SAND SLURRY	35.00	SQYD		$	
0180	08526		CONC CLASS M FULL DEPTH PATCH	.20	CUYD		$	
0190	08534		CONCRETE OVERLAY-LATEX	28.60	CUYD		$	
0200	08549		BLAST CLEANING	685.00	SQYD		$	
0210	08551		MACHINE PREP OF SLAB	685.00	SQYD		$	
0220	22146EN		CONCRETE PATCHING REPAIR	15.00	SQFT		$	
0230	24093EC		BEAM REPAIR	1.00	EACH		$	
0240	24094EC		PARTIAL DEPTH PATCHING	2.10	CUYD		$	

Section: 0011 - BRIDGE - BG PKWAY (WB) OVER I-65 (047B00128L)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0250	03296		EXPAN JOINT REPLACE 2 1/2 IN	70.00	LF		$	
0260	03299		ARMORED EDGE FOR CONCRETE	70.00	LF		$	
0270	03300		ELIMINATE TRANSVERSE JOINT	70.00	LF		$	
0280	08151		STEEL REINFORCEMENT-EPOXY COATED	60.00	LB		$	
0290	08504		EPOXY SAND SLURRY	95.00	SQYD		$	
0300	08526		CONC CLASS M FULL DEPTH PATCH	.30	CUYD		$	
0310	08534		CONCRETE OVERLAY-LATEX	45.00	CUYD		$	
0320	08549		BLAST CLEANING	1,080.00	SQYD		$	
0330	08551		MACHINE PREP OF SLAB	1,080.00	SQYD		$	
0340	22146EN		CONCRETE PATCHING REPAIR	195.00	SQFT		$	
0350	24094EC		PARTIAL DEPTH PATCHING	3.60	CUYD		$	

Section: 0012 - BRIDGE - BG PKWAY (EB) OVER I-65 (047B00128R) ADDED ADDENDUM #1

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0360	03296		EXPAN JOINT REPLACE 2 1/2 IN	70.00	LF		$	
0370	03299		ARMORED EDGE FOR CONCRETE	70.00	LF		$	
0380	03300		ELIMINATE TRANSVERSE JOINT	70.00	LF		$	
0390	08151		STEEL REINFORCEMENT-EPOXY COATED	60.00	LB		$	
0400	08504		EPOXY SAND SLURRY	95.00	SQYD		$	
0410	08526		CONC CLASS M FULL DEPTH PATCH	.30	CUYD		$	
0420	08534		CONCRETE OVERLAY-LATEX	45.00	CUYD		$	
0430	08549		BLAST CLEANING	1,080.00	SQYD		$	
0440	08551		MACHINE PREP OF SLAB	1,080.00	SQYD		$	
0450	22146EN		CONCRETE PATCHING REPAIR	210.00	SQFT		$	
0460	24094EC		PARTIAL DEPTH PATCHING	3.60	CUYD		$	

PROPOSAL BID ITEMS

Report Date 5/18/17

Section: 0013 - TRAFFIC LOOPS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0470	04793		CONDUIT-1 1/4 IN	260.00	LF		$	
0480	04795		CONDUIT-2 IN	110.00	LF		$	
0490	04820		TRENCHING AND BACKFILLING	350.00	LF		$	
0500	04829		PIEZOELECTRIC SENSOR	26.00	EACH		$	
0510	04830		LOOP WIRE	11,800.00	LF		$	
0520	04895		LOOP SAW SLOT AND FILL	1,875.00	LF		$	
0530	20359NN		GALVANIZED STEEL CABINET	4.00	EACH		$	
0540	20360ES818		WOOD POST	8.00	EACH		$	
0550	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	6.00	EACH		$	
0560	21543EN		BORE AND JACK CONDUIT (2 IN)	100.00	LF		$	

Section: 0014 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0570	02568		MOBILIZATION	1.00	LS		$	
0580	02569		DEMOBILIZATION	1.00	LS		$	