



COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET

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

Matthew G. Bevin  
Governor

Greg Thomas  
Secretary

February 19, 2018

CALL NO. 101  
CONTRACT ID NO.  
181006 ADDENDUM # 1

Subject: HARDIN COUNTY, NHPP 9001(013)  
Letting February 23, 2018

- (1) Revised - General Summary - Page 49 of 290
- (2) Revised - Traffic Control Plan - Pages 125-130 of 290
- (3) Revised - Special Note - Page 145 of 290
- (4) Revised - Proposal Bid Items - Pages 287-290 of 290

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:mr  
Enclosures



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**WESTERN KENTUCKY PARKWAY PAVEMENT REHABILITATION  
HARDIN COUNTY  
ITEM NO 4-2066.00**

**GENERAL SUMMARY**

<b>CODE</b>	<b>ITEM</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>NOTES</b>
1	DENSE GRADED AGGREGATE	TON	10,788	(9)
78	CRUSHED AGGREGATE SIZE NO 2	TON	7,395	(1)
1890	ISLAND HEADER CURB TYPE 1	LF	114	(15)
1984	DELINEATOR FOR BARRIER - WHITE	EACH	20	(16)
1985	DELINEATOR FOR BARRIER - YELLOW	EACH	20	(16)
1992	INSTALL TEMP CONCRETE MEDIAN BARRIER	LF	2,140	(12)
2014	BARRICADE-TYPE III	EACH	20	
2157	PAVED DITCH TYPE 1	SY	15	(11)
2220	FLOWABLE FILL	CU YD	28	(2)
2223	GRANULAR EMBANKMENT	CU YD	150	(6)
2230	EMBANKMENT IN-PLACE	CU YD	1,900	(14)
2383	REMOVE AND RESET GUARDRAIL	LF	137.5	(15)
2469	CLEAN SINKHOLE	EACH	1	(6)
2483	CHANNEL LINING CLASS II	TON	2,702	(3)
2484	CHANNEL LINING CLASS III	TON	2,669	(4)
2562	TEMPORARY SIGNS	SQ FT	800	
2565	OBJECT MARKER TYPE 2	EACH	12	(7)
2568	MOBILIZATION	LS	1	
2569	DEMOBILIZATION	LS	1	
2575	DITCHING AND SHOULDERING	LF	32,446	(5)
2599	GEOTEXTILE FABRIC TYPE IV	SQ YD	240	(6)
2650	MAINTAIN & CONTROL TRAFFIC	LS	1	
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	6	
2701	TEMP SILT FENCE	LF	5,000	
2703	SILT TRAP TYPE A	EACH	50	
2706	CLEAN SILT TRAP TYPE A	EACH	50	
2726	STAKING	LS	1	
2775	ARROW PANEL	EACH	4	
3260	CLEAN ROADWAY DRAINS	EACH	12	(13)
5950	EROSION CONTROL BLANKET	SQ YD	57,278	(6) (8)
5985	SEEDING AND PROTECTION	SQ YD	28,761	
6401	FLEXIBLE DELINEATOR POST-MW	EACH	407	
6404	FLEXIBLE DELINEATOR POST-MY	EACH	12	
6511	PAVE STRIPING-TEMP PAINT-6 IN	LF	161,007	
6542	PAVE STRIPING-THERMO-6 IN W	LF	82,661	
6543	PAVE STRIPING-THERMO-6 IN Y	LF	64,712	
6546	PAVE STRIPING-THERMO-12 IN W	LF	2,512	
6549	PAVE STRIPING-TEMP REM TAPE-B	LF	10,000	
6550	PAVE STRIPING-TEMP REM TAPE-W	LF	10,000	
6551	PAVE STRIPING - TEMP REM TAPE - Y	LF	10,000	
8100	CONCRETE-CLASS A	CY	21.5	(10)
8150	STEEL REINFORCEMENT	LB	100	(11)
8903	CRASH CUSHION TY VI CLASS BT TL3	EACH	6	
10020NS	FUEL ADJUSTMENT	DOLL	48,388	
10030NS	ASPHALT ADJUSTMENT	DOLL	92,102	
21843EC	GEOMEMBRANE LINER	SQ YD	390	(6)
24489EC	INLAID PAVEMENT MARKERS	EACH	848	

**TRAFFIC CONTROL PLAN  
HARDIN COUNTY  
WESTERN KENTUCKY PARKWAY  
Item No. 4-2066.00**

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**THIS PROJECT IS A FULLY  
CONTROLLED ACCESS HIGHWAY**

**TRAFFIC CONTROL GENERAL**

Except as provided herein, "Maintain and Control Traffic" shall be in accordance with the 2012 Standard Specifications and the Standard Drawings, current editions. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic will be paid at the lump sum bid price to "Maintain and Control Traffic". All lane closures used on the Project will be in compliance with the appropriate Standard Drawings.

Contrary to Section 106.01, traffic control devices used on this project may be new, or used in like new condition at the beginning of the work and maintained in like new condition until completion of the work. Traffic control devices will conform to current MUTCD.

Reduce the speed limit in work areas to 55 miles per hour (45 miles per hour where the existing speed limit is signed as 55 miles per hour) and establish double fines for work zone speeding violations. The extent of these areas within the project limits will be restricted to the proximity of actual work areas as determined by the Engineer. Notify the Engineer a minimum of 24 hours prior to using the double fine signs. At the beginning of the work zone, the "WARNING FINE DOUBLED IN WORK ZONE" signs will be dual mounted. At the end of the work zone, the "END DOUBLE FINE" signs will be dual mounted as well. Remove or cover the signs when the highway work zone does not have workers present for more than a two-hour period of time. Payment for the signs will be at the unit bid price for signs erected. Any relocation or covering of the signs will be incidental to "Maintain and Control Traffic," lump sum.

**PROJECT PHASING & CONSTRUCTION PROCEDURES**

This project has a fixed completion date. See the special note for Fixed Completion Date and Liquidated Damages.

Other than the holidays listed in the 2012 Standard Specifications, the Engineer may specify additional days and hours when lane closures are not allowed.

Note that lane closures are required for the project. The minimum lane width shall be 11 ft. Stripe and taper according to the MUTCD and Standard Drawings.

Night work will be required on the project. Obtain the Engineer's approval on the method of lighting prior to performing night work.

During the days and hours when a lane closure is allowed, implement the following procedures:

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Maintain traffic as specified in the phasing notes and typical sections.

The contractor must notify the Engineer at least fourteen (14) days prior to the beginning of each construction phase in either direction. The Contractor must also notify the Engineer 72 hours in advance of any ramp closures and/or signed detours.

### **PHASE I (STA 8539+00 TO END PROJECT)**

Lane closures will only be permitted during a total of fifteen (15) night time periods in Phase I to perform all milling and paving work through final asphalt base course, temporary striping, median ditch repairs, drainage repairs, guardrail, and any work other than final surfacing and striping listed in the Proposal that will require a lane closure, for eastbound and westbound Western Kentucky Parkway (WKP), ramps at the I-65 interchange, and Ramp B at the US 31W interchange. Single lane closures will only be permitted from 7 PM until 6 AM the following morning during each of the allotted fifteen closure periods. See the Ramp Closures section in these notes for allowable ramp closures.

Work requiring only an outside shoulder closure such as ditch repairs, grading and repair of fill slopes, seeding, and work at the KY 1136 bridge may be performed at any time during construction.

All Phase I work is to be completed prior to beginning Phase II construction activities.

### **PHASE II (BEGIN PROJECT TO STA 8539+00)**

Reduce traffic to one lane and shift onto the inside lane as shown on the Maintenance Of Traffic Typical Sections.

Perform the milling and/or paving work, through at least final base course and temporary striping, shown on the typical section for the outside lane and shoulder of the section of the WKP under construction and the ramps at the KY 3005 and US 31W interchanges. Perform any other work shown in the Proposal such as guardrail replacement on the outside shoulder, outside fill slope and ditch erosion repairs, bridge end drainage work, sink hole repair, and repairs at the KY 1904 bridge. Final asphalt surface and striping may be completed in Phase II or Phase IV.

Perform the bridge work shown in the Bridge Proposal for the outside lane and shoulders of bridge nos. 047B00094L & R, 047B00093L & R, and 047B00092L & R.

### **PHASE III (BEGIN PROJECT TO STA 8539+00)**

Reduce traffic to one lane and shift onto the outside lane as shown on the Maintenance Of Traffic Typical Sections.

Perform the milling and/or paving work, through at least final base course and temporary striping, shown on the typical section for the inside lane and shoulder of the section of the WKP under construction. Perform any other work shown in the Proposal such as guardrail replacement in the median and median ditch erosion repairs. Final asphalt surface and striping may be completed in Phase III or Phase IV

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Perform the bridge work shown in the Bridge Proposal for the inside lane and shoulders of bridge nos. 047B00094L & R, 047B00093L & R, and 047B00092L & R.

#### **PHASE IV (BEGIN PROJECT TO END PROJECT)**

Perform final surfacing and striping operations not completed in Phase II and Phase III from begin Project to STA 8539+00 by reducing traffic to one lane per direction as needed.

Perform final surfacing and striping operations not completed in Phase I from STA 85939+00 to End Project. Lane closures will be permitted for a total of five (5) additional night time periods from STA 8539+00 to End Project to complete this work. Single lane closures will only be permitted from 7 PM until 6 AM the following morning during each of the allotted five closure periods. See the Ramp Closure section in these notes for allowable ramp closures.

#### **BRIDGE WORK**

See the Maintenance of Traffic Bridge Typical Sections and the Temporary Barrier Wall Layout For Bridge Work detail in the Proposal for traffic control details during bridge work.

Work on bridge decks and joints is to be performed on the same side of the roadway as the roadway work being performed in that phase.

The latex overlay on the bridges may not be placed when the ambient temperature is below 45°F.

#### **RAMP CLOSURES**

No ramp closures will be permitted at the KY 3005 (Ring Road) and US 31W (Elizabethtown Bypass) interchanges as well as Ramps A, D, E, and H at the I-65 interchange. Work on ramps at these interchanges is to be performed part-width while maintaining traffic on the ramps.

Ramp closures will be permitted for Ramps B, C, F, and G at the I-65 interchange during Phase 1 construction only. Ramps in the same WKP traffic direction (B & C for eastbound, F & G for westbound) may be closed at the same time. Each individual ramp may be closed **and detoured** for no more than three (3) nights total **in Phase I and (1) night total in Phase IV**, regardless of any simultaneous closures. Each nightly closure will begin no earlier than 7 PM and the ramp is to be opened no later than 6 AM the following morning. Simultaneous closures of ramps in opposing WKP traffic directions will not be permitted.

#### **RAMP DETOURS**

Signed detour routes are to be in place prior to closing a ramp. A detour plan is included in the Proposal for each ramp to be closed. The Contractor is to obtain the Engineer's approval of detour sign locations and the locations and displayed messages for the Portable Changeable Message Signs (PCMS) prior to closing a ramp. Detour signing and the PCMS for detours will be considered incidental to the bid item price for Maintain and Control Traffic.

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## **LANE CLOSURES**

Limit the lengths of lane closures to only that needed for actual operations in accordance with the phasing specified herein, or as directed by the Engineer. Only one lane closure in each direction at any time will be permitted. Contrary to section 112, lane closures will **NOT** be measured for payment, but are considered incidental to “Maintain and Control Traffic,” lump sum.

## **SIGNS**

Additional traffic control signs in addition to normal lane closure signing detailed on the Standard Drawings may be required by the Engineer. Additional signs needed for lane closures may include, but are not limited to, dual mounted TRUCKS USE LEFT/RIGHT LANE, LEFT/RIGHT LANE CLOSED 1 MILE, LEFT/RIGHT LANE CLOSED 2 MILE, LEFT/RIGHT LANE CLOSED 3 MILE, SLOWED/STOPPED TRAFFIC AHEAD. Signage for reduced speed limits and double fine work zones will be furnished, relocated, and maintained by the Contractor.

Contrary to section 112, individual signs will be measured only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. Replacements for damaged signs or signs directed to be replaced by the Engineer due to poor legibility or reflectivity will not be measured for payment.

## **FLASHING ARROWS**

Flashing arrows will be paid for once, no matter how many times they are moved or relocated. The Department **WILL NOT** take possession of the flashing arrows upon completion of the work.

## **PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)**

Provide portable changeable message signs (PCMS) in advance of and within the project at locations to be determined by the Engineer. If work is in progress concurrently in both directions provide additional PCMS. Place PCMS one mile in advance of the anticipated queue at each lane closure. As the actual queue lengthens and/or shortens relocate or provide additional PCMS so that traffic has warning of slowed or stopped traffic at least one mile but not more than two miles before reaching the end of the actual queue. The locations designated may vary as the work progresses. The messages required to be provided will be designated by the Engineer. The PCMS will be in operation at all times. In the event of damage or mechanical/electrical failure, the contractor will repair or replace the PCMS immediately. PCMS will be paid for once, no matter how many times they are moved or relocated. The Department **WILL NOT** take possession of the signs upon completion of the work.

## **TRUCK MOUNTED ATTENUATORS**

Furnish and install MUTCD approved truck mounted attenuators (TMA) in advance of work areas when workers are present less than 12 feet from traffic. If there is less than 500 feet between work sites, only a single TMA will be required at a location directed by the Engineer. Locate the TMAs at the individual work sites and move them as the work zone moves within the project limits. All details of the TMA

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installations shall be approved by the Engineer. TMA will not be measured for payment, but are incidental to "Maintain and Control Traffic," lump sum. The Department **WILL NOT** take possession of the TMAs upon completion of the work.

## **PAVEMENT MARKINGS**

If lane closures are in place during nighttime hours, remove or cover the lenses of raised pavement markers that do not conform to the traffic control scheme in use, or as directed by the Engineer. Replace or uncover lenses before a closed lane is reopened to traffic. No direct payment will be made for removing and replacing or covering and uncovering the lenses, but will be incidental to "Maintain and Control Traffic," lump sum.

Place temporary striping in accordance with Section 112, except that:

1. Temporary will be 6" in width.
2. If the contractor's operations or phasing requires temporary markings which must be subsequently removed from the ultimate pavement, an approved removable lane tape will be used.
3. Edge lines will be required for temporary striping.
4. Existing, temporary, or permanent striping will be in place before a lane is opened to traffic.

Should the Contractor change the existing striping pattern, the Contractor is to restripe the roadway back to its original configuration after a certain period of time especially if no work is anticipated for a period of time (i.e. Winter shutdown).

## **PAVEMENT EDGE DROP-OFFS**

Pavement edge drop-offs will be protected by a lane or shoulder closure. Lane closures will be protected with plastic drums, vertical panels, or barricades as shown on the Standard Drawings.

Pavement edges that traffic is not expected to cross, except accidentally, shall be treated as follows:

Less than 2" – Protect with a lane closure.

2" to 4" – Protect with a lane closure. Place plastic drums, vertical panels, or barricades every 50 feet. Construct a wedge with compacted cuttings from milling, trenching, or asphalt mixtures with a 3:1 or flatter slope, when work is not active in the drop-off area. Place Type III Barricades at the beginning of the lane closures, and place additional Type III Barricades spaced at 2,500 feet during the time the lane closure is in place.

4" and greater - Drop-offs 4" or greater will be allowed during duration of the project. Protect with a lane or shoulder closure using drums, or barricades. Place drums, or barricades with spacing not to exceed 20 feet and appropriate lighting should be utilized to illuminate the area during nighttime operations. Place Type III Barricades facing oncoming traffic at each drop off. If for any reason traffic must be maintained less than 6 feet from the drop off, wedge with

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DGA with 3:1 or flatter slope when work is not actively in progress in the drop-off area. Once excavation begins, work continuously to construct DGA and asphalt base to eliminate the drop-off. Drop-offs greater than 4 inches within 6 feet of traffic will not be allowed during non-working hours.

### **PROJECT TRAFFIC COORDINATOR (PTC)**

Be advised this project is a significant project pursuant to section 112.03.12.

Designate an employee to be traffic coordinator. The designated Traffic Coordinator must be certified in accordance with Department's 2012 Standard Specifications Sec. 112.03.12. The Traffic Coordinator will inspect the project maintenance of traffic once daily, including weekends, during the Contractor's operations and at any time a lane closure is in place. The Traffic Coordinator will report all incidents throughout the work zone to the Engineer on the project. The Contractor will furnish the name and telephone number where the Traffic Coordinator can be contacted at all times.

During any period when a lane closure is in place, the Traffic Coordinator will arrange for personnel to be present on the project at all times to inspect the traffic control, maintain the signing and devices, and relocate portable changeable message boards as queue lengths change. The personnel will have access on the project to a radio or telephone to be used in case of emergencies or accidents.

### **COORDINATION OF WORK**

The Contractor is advised that other projects may be in progress within or in the near vicinity of this project. The traffic control of those projects may affect this project and the traffic control of this project may affect those projects. The Contractor will coordinate the work on this project with the work of the other contractors. In case of conflict, the Engineer will determine the relative priority to give to work phasing on the various projects.

### **CONTRACTOR'S AND CONTRACTOR'S EMPLOYEES' VEHICLES**

Do not use or allow employees to use median crossovers at any time except when inside lanes are closed for construction. In all other phases of construction, change vehicular direction of travel only at interchanges.

**SPECIAL NOTE FOR  
ASPHALT MILLING AND TEXTURING  
4-2066.00  
HARDIN COUNTY**

Begin paving operations within **48 hours** of commencement of the milling operation if traffic will be placed on the milled surface prior to installation of the surface course. Continue paving operations continuously until completed. If paving operations are not begun within this time period, liquidated damages will be assessed at the rate prescribed by Section 108.09 of the current Standard Specifications until such time as paving operations are begun. **Area of removed text.**

Material obtained from the milling operations shall become the property of the Contractor.

**PROPOSAL BID ITEMS**

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**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	10,788.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	1,185.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	142.00	TON		\$	
0040	00190		LEVELING & WEDGING PG64-22	1,224.00	TON		\$	
0050	00219		CL4 ASPH BASE 1.00D PG76-22	23,372.00	TON		\$	
0060	00339		CL3 ASPH SURF 0.38D PG64-22	9,703.00	TON		\$	
0070	00342		CL4 ASPH SURF 0.38A PG76-22	16,869.00	TON		\$	
0080	00356		ASPHALT MATERIAL FOR TACK	95.50	TON		\$	
0090	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0100	02677		ASPHALT PAVE MILLING & TEXTURING	27,469.00	TON		\$	
0110	02696		SHOULDER RUMBLE STRIPS	125,629.00	LF		\$	
0120	20071EC		JOINT ADHESIVE	125,629.00	LF		\$	
0130	24781EC		INTELLIGENT COMPACTION FOR ASPHALT	51,168.00	TON		\$	
0140	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	4,296,263.00	SF		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0150	00078		CRUSHED AGGREGATE SIZE NO 2	7,395.00	TON		\$	
0160	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	328.00	EACH		\$	
0170	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	90.00	EACH		\$	
0180	01984		DELINEATOR FOR BARRIER - WHITE	20.00	EACH		\$	
0190	01985		DELINEATOR FOR BARRIER - YELLOW	20.00	EACH		\$	
0200	01992		INSTALL TEMP CONC MED BARR	2,140.00	LF		\$	
0210	02014		BARRICADE-TYPE III	20.00	EACH		\$	
0220	02157		PAVED DITCH TYPE 1	15.00	SQYD		\$	
0230	02220		FLOWABLE FILL	28.00	CUYD		\$	
0240	02223		GRANULAR EMBANKMENT	150.00	CUYD		\$	
0250	02230		EMBANKMENT IN PLACE	1,900.00	CUYD		\$	
0260	02351		GUARDRAIL-STEEL W BEAM-S FACE	23,863.00	LF		\$	
0270	02352		GUARDRAIL-STEEL W BEAM-D FACE	1,250.00	LF		\$	
0280	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	16.00	EACH		\$	
0290	02364		GUARDRAIL TERMINAL SECTION NO 2	4.00	EACH		\$	
0300	02365		CRASH CUSHION TYPE IX-A	13.00	EACH		\$	
0310	02367		GUARDRAIL END TREATMENT TYPE 1	23.00	EACH		\$	
0320	02369		GUARDRAIL END TREATMENT TYPE 2A	38.00	EACH		\$	
0330	02373		GUARDRAIL END TREATMENT TYPE 3	7.00	EACH		\$	
0340	02381		REMOVE GUARDRAIL	27,002.00	LF		\$	
0350	02383		REMOVE & RESET GUARDRAIL	137.50	LF		\$	
0360	02387		GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	10.00	EACH		\$	
0370	02469		CLEAN SINKHOLE	1.00	EACH		\$	
0380	02562		TEMPORARY SIGNS	800.00	SQFT		\$	
0390	02565		OBJECT MARKER TYPE 2	12.00	EACH		\$	

**PROPOSAL BID ITEMS**

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0400	02575		DITCHING AND SHOULDERING	32,446.00	LF		\$	
0410	02599		FABRIC-GEOTEXTILE TYPE IV	240.00	SQYD		\$	
0420	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0430	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0440	02701		TEMP SILT FENCE	5,000.00	LF		\$	
0450	02703		SILT TRAP TYPE A	50.00	EACH		\$	
0460	02706		CLEAN SILT TRAP TYPE A	50.00	EACH		\$	
0470	02726		STAKING	1.00	LS		\$	
0480	02775		ARROW PANEL	4.00	EACH		\$	
0490	02929		CRASH CUSHION TYPE IX	4.00	EACH		\$	
0500	05950		EROSION CONTROL BLANKET	57,278.00	SQYD		\$	
0510	05985		SEEDING AND PROTECTION	28,761.00	SQYD		\$	
0520	06401		FLEXIBLE DELINEATOR POST-M/W	407.00	EACH		\$	
0530	06404		FLEXIBLE DELINEATOR POST-M/Y	12.00	EACH		\$	
0540	06511		PAVE STRIPING-TEMP PAINT-6 IN (REVISED: 2-19-18)	161,007.00	LF		\$	
0550	06542		PAVE STRIPING-THERMO-6 IN W	82,661.00	LF		\$	
0560	06543		PAVE STRIPING-THERMO-6 IN Y	64,712.00	LF		\$	
0570	06546		PAVE STRIPING-THERMO-12 IN W	2,512.00	LF		\$	
0580	06549		PAVE STRIPING-TEMP REM TAPE-B	10,000.00	LF		\$	
0590	06550		PAVE STRIPING-TEMP REM TAPE-W	10,000.00	LF		\$	
0600	06551		PAVE STRIPING-TEMP REM TAPE-Y	10,000.00	LF		\$	
0610	08100		CONCRETE-CLASS A	21.50	CUYD		\$	
0620	08150		STEEL REINFORCEMENT	100.00	LB		\$	
0630	08903		CRASH CUSHION TY VI CLASS BT TL3	6.00	EACH		\$	
0640	10020NS		FUEL ADJUSTMENT	48,388.00	DOLL	\$1.00	\$	\$48,388.00
0650	10030NS		ASPHALT ADJUSTMENT	92,102.00	DOLL	\$1.00	\$	\$92,102.00
0660	20191ED		OBJECT MARKER TY 3	23.00	EACH		\$	
0670	21843EN		GEOMEMBRANE LINER	390.00	SQYD		\$	
0680	24489EC		INLAID PAVEMENT MARKER	848.00	EACH		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0690	00461		CULVERT PIPE-15 IN	20.00	LF		\$	
0700	01380		METAL END SECTION TY 2-15 IN	1.00	EACH		\$	
0710	01691		FLUME INLET TYPE 2	6.00	EACH		\$	
0720	01719		ADJUST INLET	8.00	EACH		\$	
0730	01825		ISLAND CURB AND GUTTER	290.00	LF		\$	
0740	01890		ISLAND HEADER CURB TYPE 1	114.00	LF		\$	
0750	02091		REMOVE PAVEMENT	282.00	SQYD		\$	
0760	02165		REMOVE PAVED DITCH	1,788.00	SQYD		\$	
0770	02483		CHANNEL LINING CLASS II	2,702.00	TON		\$	
0780	02484		CHANNEL LINING CLASS III	2,669.00	TON		\$	
0790	02690		SAFELOADING	9.00	CUYD		\$	
0800	03260		CLEAN ROADWAY DRAINS	12.00	EACH		\$	

**PROPOSAL BID ITEMS**

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**Section: 0004 - BRIDGE- NO. 1 - WB OVER WEST RHUDES CREEK (074B00094L)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0810	03299		ARMORED EDGE FOR CONCRETE	79.00	LF		\$	
0820	03300		ELIMINATE TRANSVERSE JOINT	79.00	LF		\$	
0830	08504		EPOXY SAND SLURRY	609.00	SQYD		\$	
0840	08510		REM EPOXY BIT FOREIGN OVERLAY	545.00	SQYD		\$	
0850	08534		CONCRETE OVERLAY-LATEX	30.30	CUYD		\$	
0860	08549		BLAST CLEANING	609.00	SQYD		\$	
0870	24094EC		PARTIAL DEPTH PATCHING	9.10	CUYD		\$	

**Section: 0005 - BRIDGE- NO. 2 - EB OVER WEST RHUDES CREEK (047B00094R)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0880	03299		ARMORED EDGE FOR CONCRETE	79.00	LF		\$	
0890	03300		ELIMINATE TRANSVERSE JOINT	79.00	LF		\$	
0900	08504		EPOXY SAND SLURRY	609.00	SQYD		\$	
0910	08510		REM EPOXY BIT FOREIGN OVERLAY	545.00	SQYD		\$	
0920	08534		CONCRETE OVERLAY-LATEX	30.30	CUYD		\$	
0930	08549		BLAST CLEANING	609.00	SQYD		\$	
0940	24094EC		PARTIAL DEPTH PATCHING	9.10	CUYD		\$	

**Section: 0006 - BRIDGE- NO. 3 - WB OVER VALLEY CREEK (047B00093L)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0950	02998		MASONRY COATING	181.80	SQYD		\$	
0960	23032EN		BRIDGE BARRIER RETROFIT	443.00	LF		\$	

**Section: 0007 - BRIDGE- NO. 4 - EB OVER VALLEY CREEK (047B00093R)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0970	02998		MASONRY COATING	181.80	SQYD		\$	
0980	23032EN		BRIDGE BARRIER RETROFIT	443.00	LF		\$	

**Section: 0008 - BRIDGE- NO. 5 - WB OVER GAITHER STA. ROAD & CSX RAILROAD (047B)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0990	02998		MASONRY COATING	148.10	SQYD		\$	
1000	23032EN		BRIDGE BARRIER RETROFIT	361.00	LF		\$	

**Section: 0009 - BRIDGE- NO. 6 - EB OVER GAITHER STA. ROAD & CSX RAILROAD (047B)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1010	02998		MASONRY COATING	148.10	SQYD		\$	
1020	23032EN		BRIDGE BARRIER RETROFIT	361.00	LF		\$	

### PROPOSAL BID ITEMS

181006

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#### Section: 0010 - TRAFFIC LOOPS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1030	04793		CONDUIT-1 1/4 IN	120.00	LF		\$	
1040	04795		CONDUIT-2 IN	40.00	LF		\$	
1050	04820		TRENCHING AND BACKFILLING	140.00	LF		\$	
1060	04829		PIEZOELECTRIC SENSOR	8.00	EACH		\$	
1070	04830		LOOP WIRE	3,000.00	LF		\$	
1080	04895		LOOP SAW SLOT AND FILL	720.00	LF		\$	
1090	20359NN		GALVANIZED STEEL CABINET	4.00	EACH		\$	
1100	20360ES818		WOOD POST	8.00	EACH		\$	
1110	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		\$	

#### Section: 0011 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1120	02568		MOBILIZATION	1.00	LS		\$	
1130	02569		DEMOBILIZATION	1.00	LS		\$	