



**TRANSPORTATION CABINET**

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

**Steven L. Beshear**  
Governor

**Michael W. Hancock, P.E.**  
Secretary

November 21, 2013

CALL NO. 303  
CONTRACT ID NO. 131072  
ADDENDUM # 1

Subject: Mason County, FD04 SPP 081 0009 012-018  
Letting November 22, 2013

- (1) Revised - Plan Sheets
- (2) Revised - Bid Items - Pages 106-108 of 108

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

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

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

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

Ryan Griffith  
Acting Director  
Division of Construction Procurement

RG:ks  
Enclosures



An Equal Opportunity Employer M/F/D

# GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
MASON	9-169.00	R002C

ITEM CODE	ITEM	UNIT	SHEET R003	SHEET R005	SHEET R007	SHEET R009	SHEET R011	SHEET R013	SHEET R015	SHEET R017	SHEET R019	SHEET R021	SHEET R023	SHEET R025	SHEET R027	SHEET R029	SHEET R031	SHEET R033	SHEET R035	SHEET R037	SHEET R039	SHEET R041	SHEET R043	SHEET R045	PROJECT TOTALS
21	DRAINAGE BLANKET, EMBANKMENT	CU YD																							90
1015	INSPECT & CERTIFY EDGE DRAIN SYSTEM ③	LP SUM																							1
1310	REMOVE PIPE	LIN FT												37											37
1314	PLUG PIPE	EACH												2											2
1987	DELINEATORS FOR GUARDRAIL B/W	EACH																							108
2091	REMOVE PAVEMENT	SQ YD							1700			320		36		136	80					606		336	3,214
2159	TEMP DITCH	LIN FT																							11,986
2200	ROADWAY EXCAVATION ①	CU YD																							436,466
2242	WATER	MGAL																							1,000
2262	FENCE-WOVEN WIRE TYPE I ③	LIN FT		825	1329	1669	2148	2797	2870	2780	2886	2448	2759	2819	2055	2821	2800	2830	1342						37,178
2265	REMOVE FENCE	LIN FT																	60						60
2267	REMOVE & RESET FENCE	LIN FT	183																						183
2275	FENCE-8 FT CHAIN LINK	LIN FT										304													304
2351	GUARDRAIL - STEEL W BEAM - S FACE	LIN FT	800	900		1313.43	599.07	62.5			2181.21	1081.29		50	1120.33	2354.67	300								10,762.5
2360	GUARDRAIL TERMINAL SECTION NO 1	EACH				2	1	2			1			2	2	2	2								14
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH										2													2
2373	GUARDRAIL END TREATMENT TYPE 3	EACH									1					2									3
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH		2			1								2										5
2429	RIGHT OF WAY MONUMENT TYPE 1	EACH		5	1	8	12	9	20	16	12	15	19	14	15	15	19	9	8		7	4	13	18	239
2432	WITNESS POST	EACH																							3
2483	CHANNEL LINING CLASS II	TON	126	904	154	292	502	1057	514	211	497	440	424	1039	90	934	460	409	589		235	257	643	367	10,144
2484	CHANNEL LINING CLASS III	TON	54	82	152	383	429	108	297	1034	63	479	162	94	795	857		439	333		113		132		6,006
23864EC	CHANNEL LINING CLASS III MODIFIED ②	TON				78									366										444
2545	CLEARING AND GRUBBING	LP SUM																							1
2562	SIGNS (TEMPORARY)	SQ FT																							581
2568	MOBILIZATION	LP SUM																							1
2569	DEMOBILIZATION	LP SUM																							1
2596	FABRIC GEOTEXTILE TYPE I	SQ YD																							90
2599	FABRIC GEOTEXTILE TYPE IV ③	SQ YD																							27,500
2625	REMOVE HEADWALL	EACH		1	3	4		3	2	2	4	2	6	2		2		3	2						36
2650	MAINTAIN AND CONTROL TRAFFIC	LP SUM																							1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH																							4
2676	MOBILIZATION FOR MILLING AND TEXTURIZING	LP SUM																							1
2690	SAFELOADING	CU YD												17											17
2696	SHOULDER RUMBLE STRIPS-SAWED	LIN FT																							53098
2701	TEMPORARY SILT FENCE	LIN FT																							11,986
2703	SILT TRAP TYPE A	EACH																							139
2704	SILT TRAP TYPE B	EACH																							139
2705	SILT TRAP TYPE C	EACH																							139
2706	CLEAN SILT TRAP TYPE A	EACH																							834
2707	CLEAN SILT TRAP TYPE B	EACH																							834
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2709	CLEAN TEMPORARY SILT FENCE	LIN FT																							11,986
2726	STAKING	LP SUM																							1
2775	ARROW PANEL	EACH																							2
5950	EROSION CONTROL BLANKET	SQ YD		25	760	141		528	206	380	356	787	590	618	74		1618	664	628		322	168		604	8,469
5952	TEMP MULCH	SQ YD																							672,444
5953	TEMPORARY SEEDING AND PROTECTION	SQ YD																							1,000
5966	TOPDRESSING FERTILIZER	TON																							35
5985	SEEDING AND PROTECTION	SQ YD																							672,444
6510	PAVE STRIPING-TEMP PAINT-4 INCH	LIN FT																							120,000
6515	PAVE STRIPING-PERM PAINT-6 INCH	LIN FT																							200,000
6549	PAVE STRIPING-TEMP REM TAPE-B	LIN FT																							20,000
6568	PAVE MARKING-THERMO STOP BAR-24 INCH	LIN FT																							204
6580	PAVE MARKER TYPE IV-MW	EACH																							500
6582	PAVE MARKER TYPE IV-BY	EACH																							1,000
10020NS	FUEL ADJUSTMENT	LP SUM																							1

PREPARED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

Cell Library: kytco.cel  
 Cell Name: sgs  
 11/20/2013

**NOTES:**  
 ① FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY.  
 ② APPROXIMATELY 123.86 ACRES.  
 ③ TO BE SALVAGED AND STOCKPILED ON THE RIGHT-OF-WAY AT SITES APPROVED BY THE ENGINEER AND SHALL BECOME THE PROPERTY OF THE DEPT. OF HIGHWAYS.

GENERAL SUMMARY  
 KY 9 - AA HIGHWAY WIDENING

# GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
MASON	9-169.00	R002C

**REVISION 11-20-2013**

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REMOVED 2702 SAND FOR BLOTTER 160 TON

GENERAL SUMMARY  
 KY 9 - AA HIGHWAY WIDENING

COUNTY OF	ITEM NO.	SHEET NO.
MASON	9-169.00	R0021

# GENERAL NOTES

BEFORE YOU DIG

THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHOM DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.

DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS

A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND THE WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE PROJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNATED AREA(S) UNTIL OBTAINING THE APPROPRIATE APPROVAL(S). REFER TO NOTICE(S) CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.

COMPACTION OF ASPHALT MIXTURES

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED FOR DRIVING LANES AND RAMPS AT ONE INCH (25 MM) OR GREATER ON THIS PROJECT BY OPTION A ACCORDING TO SUBSECTIONS 402 AND 403 OF THE CURRENT STANDARD SPECIFICATIONS. USE JOINT CORES AS DESCRIBED IN SUBSECTION 402.03.02 FOR SURFACE MIXTURES ONLY. WILL ACCEPT THE COMPACTION OF ALL OTHER ASPHALT MIXTURES BY OPTION B.

ASPHALT PAVEMENT RIDE QUALITY

PAVEMENT RIDEABILITY REQUIREMENTS, IN ACCORDANCE WITH SECTION 410 OF THE STANDARD SPECIFICATIONS, SHALL APPLY ON THIS PROJECT. CATEGORY A SHALL APPLY.

EDGE KEY

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS DETAILED ELSEWHERE IN THE PLANS SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID LINEAR FOOT (PER METER) FOR "EDGE KEY" INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL.

STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY. AT (502) 564-3670

EXISTING UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND UTILITY SERVICE LINES. NO DIRECT PAYMENT WILL BE MADE FOR REPAIR OR REPLACEMENT OF SERVICE LINES. IF A UTILITY LINE IS IN CONFLICT WITH CONSTRUCTION AND CANNOT BE AVOIDED, THE OWNER SHALL BE CONTACTED IMMEDIATELY.

MATERIAL TRANSFER VEHICLE

A MATERIAL TRANSFER VEHICLE (MTV) SHALL BE REQUIRED FOR ALL PAVING ON THIS JOB IN ACCORDANCE WITH SECTION 403 OF STANDARD SPECIFICATION, CURRENT EDITION.

PREPARED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

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11/20/2013

COUNTY OF	ITEM NO.	SHEET NO.
MASON	9-169.00	RO021

 REVISED 11-20-2013

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COMPACTION OF ASPHALT MIXTURES

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED FOR DRIVING LANES AND RAMPS AT ONE INCH (25 MM) OR GREATER ON THIS PROJECT BY OPTION A ACCORDING TO SUBSECTIONS 402 AND 403 OF THE CURRENT STANDARD SPECIFICATIONS. USE JOINT CORES AS DESCRIBED IN SUBSECTION 402.03.02 FOR SURFACE MIXTURES ONLY. WILL ACCEPT THE COMPACTION OF ALL OTHER ASPHALT MIXTURES BY OPTION B.

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Cell Library: kyt.cel  
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 11/20/2013

GENERAL NOTES

 REVISED 11-21-2013

TRAFFIC CONTROL

- Traffic shall be maintained in accordance with the *Manual on Uniform Traffic Control Devices*, the *Standard Specifications for Road and Bridge Construction*, 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 for at the lump sum bid price to "Maintain and Control Traffic" as set forth in the current *Standard Specifications for Road and Bridge Construction* unless otherwise provided for in these notes. The lump sum bid to "Maintain and Control Traffic" shall also include, but is not limited to, the following items and operations:
  - All grading and necessary drainage (unless a bid item for detour construction is included) for the temporary roadway and removal thereof, when it is no longer needed. If a bid item for detour construction is included grading and drainage will be paid for in the bid item "Detour Construction".
  - All labor and materials necessary for construction and maintenance of traffic control devices and markings.
  - All flagpersons and traffic control devices such as, but not limited to, flashers, signs, barricades and vertical panels, plastic drums (steel drums will not be permitted) and cones necessary for the control and protection of vehicular and pedestrian traffic as specified in these notes, the plans, the *Manual on Uniform Traffic Control Devices*, or the Engineer.
- Any temporary traffic control items, devices, materials, and incidentals shall remain the property of the Contractor when no longer needed.

- The contractor shall maintain a two-lane traveled way with a minimum lane width of 10 feet. However, during working hours, one-way traffic may be allowed at the discretion of the Engineer, provided adequate signing and a flagperson are at the location except between the hours of 6:30 am to 8:30 am, and 3:00 pm and 5:00 pm.
- The Contractor shall completely cover any signs, either existing, permanent or temporary, which do not properly apply to the current traffic phasing, and shall maintain the covering until the signs are applicable or are removed.
- In general, all traffic control devices shall be placed starting and proceeding in the direction of the flow of traffic and removed starting and proceeding in the direction opposite to the flow of traffic.
- The Engineer and the Contractor, or their authorized representatives, shall review the signing before traffic is allowed to use any lane closures, crossovers or detours. All signing shall be approved by the Engineer before work can be started by the Contractor.
- If the Contractor desires to deviate from the traffic control scheme and construction schedule outlined in these plans and this proposal, he shall prepare an alternate plan and present it in writing to the Engineer. This alternate plan can be used only after review and approval of the Divisions of Traffic, Design and Construction, and the Federal Highway Administration where applicable.
- If traffic should be stopped due to construction operations and an emergency vehicle on an official emergency run arrives on the scene, the Contractor shall make provisions for the passage of that vehicle as quickly as possible.

10. Any roadways that are anticipated to be in use for a period of seven (7) consecutive days or more for the maintenance of traffic shall be paved with bituminous surfacing materials, as directed by the Engineer. Payment shall be in accordance with the appropriate bid items for the type of bituminous material selected. Removal of such for continuing grade and drain work or any other permanent work item that may be in conflict with the temporary bituminous surfacing shall be incidental.

11. All signs necessary for a marked detour will be provided by the Contractor as required by *Standard Drawings* and the *Manual on Uniform Traffic Control Devices*. Signs outside the project limits shall be paid for by the square foot. This quantity shall include sign mounting hardware and posts.

13. Traffic destinations and construction phasing that does not change from one phase to the next are not shown for the unchanged phase.

14. All asphalt overlay surface courses shall be placed only after all asphalt base courses have been completed. This construction will take place during Phase 4 and will be performed under traffic with lane closures as necessary.

15. The grading operation shall be limited to one mile on one side of the centerline at all times.

SPECIAL NOTES

BLASTING OPERATIONS

During blasting operations, traffic may be halted a maximum of 20 minutes per hour to allow the execution of the "shot" and to allow for removal of rock fragments and debris. Blasting will not be permitted between the hours of 3:00 PM and 8:30 AM.

The Contractor shall be assessed damages in the amount of \$250 for the first 15 minutes and then \$500 for each 30 minutes after that if traffic is not restored within the 20 minutes stoppage allowed.

The Contractor, when using explosive charges of any kind for the purpose of excavating, removal, etc., on this project shall halt all traffic a safe distance on either side of the impending explosion.

The Contractor shall have suitable equipment at the site and in a running mode for the purpose of cleaning the existing pavements of all debris. After any blast, the Contractor shall immediately inspect the pavements for any debris that may be a hazard to traffic before allowing traffic to proceed on the affected section.

When blasting, the Contractor shall halt traffic, blast, clean the existing pavements and return traffic to normal operation in the least amount of time possible.

VARIABLE MESSAGE SIGNS

To be in accordance with special note for variable message signs.

REMOVAL OF PAVEMENT MARKINGS

The Contractor shall remove all pavement markings and raised pavement markers that do not conform to the traffic operation in use. In areas where the markings will conform to the final marking scheme or for other reasons will not be removed, markings shall be of a permanent type pavement marking material. Markings on existing or temporary pavement may be removed by either an abrasion or burning process to the satisfaction of the Engineer. Painting of existing marking with bituminous or other materials to obliterate the markings shall not be allowed.

**REMOVED THIS SENTENCE FROM THIS NOTE: "All temporary markings which must be subsequently removed from the ultimate pavement shall be approved Removable Striping Tape. Removable Striping Tape shall be measured in feet for payment."**

CONTRACTOR'S VEHICLES

The Contractor's vehicles shall always move with and not against the flow the traffic. Vehicles shall enter and leave work areas in a manner which will not be hazardous to or interfere with normal traffic. Vehicles shall not park or stop except within work areas designated by the Engineer.

PAVEMENT EDGE DROP-OFFS

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Greater Than 4 inches - Positive separation or wedge with 3:1 or flatter slope needed. If there is 5 feet or more distance between the edge of pavement and drop-off, drums, panels or barricades may be used. If the drop-off is greater than 12 inches, positive separation is strongly encouraged. If concrete barriers are used, special reflective devices or steady burn lights should be used for overnight installations.

PAVEMENT EDGE DROP OFFS (CONTINUED)

For temporary conditions, drop-offs greater than 4 inches may be protected with plastic drums, vertical panels or barricades for short distances during daylight hours while work is being done in the drop-off area.

Lesser treatments than those described above may be considered for low-volume local roads.

Payment will be allowed for the DGA material used for wedging.

FULL DEPTH PAVEMENT FOR SHOULDERS

Locations where temporary traffic will utilize the shoulders during construction shall be constructed using the driving lane pavement. These locations are as follows:

- KY 9 - AA Highway Widening right shoulder Sta. 58+00 to 68+00
- KY 9 - AA Highway Widening left shoulder Sta. 262+00 to Sta. 285+00
- KY 10 Relocation right shoulder Sta. 58+00 to Sta. 61+36

PREPARED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

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GENERAL NOTES

 REVISED 11-21-2013

TRAFFIC CONTROL

- Traffic shall be maintained in accordance with the *Manual on Uniform Traffic Control Devices*, the *Standard Specifications for Road and Bridge Construction*, 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 for at the lump sum bid price to "Maintain and Control Traffic" as set forth in the current *Standard Specifications for Road and Bridge Construction* unless otherwise provided for in these notes. The lump sum bid to "Maintain and Control Traffic" shall also include, but is not limited to, the following items and operations:
  - All grading and necessary drainage (unless a bid item for detour construction is included) for the temporary roadway and removal thereof, when it is no longer needed. If a bid item for detour construction is included grading and drainage will be paid for in the bid item "Detour Construction".
  - All labor and materials necessary for construction and maintenance of traffic control devices and markings.
  - All flagpersons and traffic control devices such as, but not limited to, flashers, signs, barricades and vertical panels, plastic drums (steel drums will not be permitted) and cones necessary for the control and protection of vehicular and pedestrian traffic as specified in these notes, the plans, the *Manual on Uniform Traffic Control Devices*, or the Engineer.
- Any temporary traffic control items, devices, materials, and incidentals shall remain the property of the Contractor when no longer needed.

- The contractor shall maintain a two-lane traveled way with a minimum lane width of 10 feet. However, during working hours, one-way traffic may be allowed at the discretion of the Engineer, provided adequate signing and a flagperson are at the location except between the hours of 6:30 am to 8:30 am, and 3:00 pm and 5:00 pm.
- The Contractor shall completely cover any signs, either existing, permanent or temporary, which do not properly apply to the current traffic phasing, and shall maintain the covering until the signs are applicable or are removed.
- In general, all traffic control devices shall be placed starting and proceeding in the direction of the flow of traffic and removed starting and proceeding in the direction opposite to the flow of traffic.
- The Engineer and the Contractor, or their authorized representatives, shall review the signing before traffic is allowed to use any lane closures, crossovers or detours. All signing shall be approved by the Engineer before work can be started by the Contractor.
- If the Contractor desires to deviate from the traffic control scheme and construction schedule outlined in these plans and this proposal, he shall prepare an alternate plan and present it in writing to the Engineer. This alternate plan can be used only after review and approval of the Divisions of Traffic, Design and Construction, and the Federal Highway Administration where applicable.
- If traffic should be stopped due to construction operations and an emergency vehicle on an official emergency run arrives on the scene, the Contractor shall make provisions for the passage of that vehicle as quickly as possible.

10. Any roadways that are anticipated to be in use for a period of seven (7) consecutive days or more for the maintenance of traffic shall be paved with bituminous surfacing materials, as directed by the Engineer. Payment shall be in accordance with the appropriate bid items for the type of bituminous material selected. Removal of such for continuing grade and drain work or any other permanent work item that may be in conflict with the temporary bituminous surfacing shall be incidental.

11. All signs necessary for a marked detour will be provided by the Contractor as required by *Standard Drawings* and the *Manual on Uniform Traffic Control Devices*. Signs outside the project limits shall be paid for by the square foot. This quantity shall include sign mounting hardware and posts.

13. Traffic destinations and construction phasing that does not change from one phase to the next are not shown for the unchanged phase.

14. All asphalt overlay surface courses shall be placed only after all asphalt base courses have been completed. This construction will take place during Phase 4 and will be performed under traffic with lane closures as necessary.

15. The grading operation shall be limited to one mile on one side of the centerline at all times.

SPECIAL NOTES

BLASTING OPERATIONS

During blasting operations, traffic may be halted a maximum of 20 minutes per hour to allow the execution of the "shot" and to allow for removal of rock fragments and debris. Blasting will not be permitted between the hours of 3:00 PM and 8:30 AM.

The Contractor shall be assessed damages in the amount of \$250 for the first 15 minutes and then \$500 for each 30 minutes after that if traffic is not restored within the 20 minutes stoppage allowed.

The Contractor, when using explosive charges of any kind for the purpose of excavating, removal, etc., on this project shall halt all traffic a safe distance on either side of the impending explosion.

The Contractor shall have suitable equipment at the site and in a running mode for the purpose of cleaning the existing pavements of all debris. After any blast, the Contractor shall immediately inspect the pavements for any debris that may be a hazard to traffic before allowing traffic to proceed on the affected section.

When blasting, the Contractor shall halt traffic, blast, clean the existing pavements and return traffic to normal operation in the least amount of time possible.

VARIABLE MESSAGE SIGNS

To be in accordance with special note for variable message signs.

REMOVAL OF PAVEMENT MARKINGS

The Contractor shall remove all pavement markings and raised pavement markers that do not conform to the traffic operation in use. In areas where the markings will conform to the final marking scheme or for other reasons will not be removed, markings shall be of a permanent type pavement marking material. Markings on existing or temporary pavement may be removed by either an abrasion or burning process to the satisfaction of the Engineer. Painting of existing marking with bituminous or other materials to obliterate the markings shall not be allowed.

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**PROPOSAL BID ITEMS**

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**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	120,286.00	TON		\$	
0020	00020		TRAFFIC BOUND BASE	1,000.00	TON		\$	
0030	00078		CRUSHED AGGREGATE SIZE NO 2	18,000.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	104.00	TON		\$	
0050	00190		LEVELING & WEDGING PG64-22	844.00	TON		\$	
0060	00205		CL3 ASPH BASE 1.50D PG64-22	122,958.00	TON		\$	
0070	00212		CL2 ASPH BASE 1.00D PG64-22	9,937.00	TON		\$	
0080	00221		CL2 ASPH BASE 0.75D PG64-22	2,825.00	TON		\$	
0090	00276		CL3 ASPH BIND 0.50D PG76-22	25,953.00	TON		\$	
0100	00291		EMULSIFIED ASPHALT RS-2	15.00	TON		\$	
0110	00301		CL2 ASPH SURF 0.38D PG64-22	2,656.00	TON		\$	
0120	00336		CL3 ASPH SURF 0.38A PG76-22	16,184.00	TON		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0130	00021		DRAINAGE BLANKET-EMBANKMENT	90.00	CUYD		\$	
0131	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM ADDED: 11-21-13	1.00	LS		\$	
0140	01310		REMOVE PIPE	37.00	LF		\$	
0150	01314		PLUG PIPE	2.00	EACH		\$	
0160	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	108.00	EACH		\$	
0170	02091		REMOVE PAVEMENT	3,214.00	SQYD		\$	
0180	02159		TEMP DITCH	11,986.00	LF		\$	
0190	02200		ROADWAY EXCAVATION	436,466.00	CUYD		\$	
0200	02242		WATER	1,000.00	MGAL		\$	
0210	02262		FENCE-WOVEN WIRE TYPE 1	37,178.00	LF		\$	
0220	02265		REMOVE FENCE	60.00	LF		\$	
0230	02267		REMOVE & RESET FENCE	183.00	LF		\$	
0240	02275		FENCE-8 FT CHAIN LINK	304.00	LF		\$	
0250	02351		GUARDRAIL-STEEL W BEAM-S FACE	10,762.50	LF		\$	
0260	02360		GUARDRAIL TERMINAL SECTION NO 1	14.00	EACH		\$	
0270	02369		GUARDRAIL END TREATMENT TYPE 2A	2.00	EACH		\$	
0280	02373		GUARDRAIL END TREATMENT TYPE 3	3.00	EACH		\$	
0290	02391		GUARDRAIL END TREATMENT TYPE 4A	5.00	EACH		\$	
0300	02429		RIGHT-OF-WAY MONUMENT TYPE 1	239.00	EACH		\$	
0310	02432		WITNESS POST	3.00	EACH		\$	
0320	02483		CHANNEL LINING CLASS II	10,144.00	TON		\$	
0330	02484		CHANNEL LINING CLASS III	6,006.00	TON		\$	
0340	02545		CLEARING AND GRUBBING 123.86 ACRES	1.00	LS		\$	
0350	02562		TEMPORARY SIGNS	581.00	SQFT		\$	
0360	02596		FABRIC-GEOTEXTILE TYPE I	90.00	SQYD		\$	
0370	02599		FABRIC-GEOTEXTILE TYPE IV	27,500.00	SQYD		\$	
0380	02625		REMOVE HEADWALL	36.00	EACH		\$	
0390	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0400	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	

**PROPOSAL BID ITEMS**

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Report Date 1/21/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0410	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0420	02690		SAFELoading	17.00	CUYD		\$	
0430	02696		SHOULDER RUMBLE STRIPS-SAWED	53,098.00	LF		\$	
0440	02701		TEMP SILT FENCE	11,986.00	LF		\$	
0460	02703		SILT TRAP TYPE A	139.00	EACH		\$	
0470	02704		SILT TRAP TYPE B	139.00	EACH		\$	
0480	02705		SILT TRAP TYPE C	139.00	EACH		\$	
0490	02706		CLEAN SILT TRAP TYPE A	834.00	EACH		\$	
0500	02707		CLEAN SILT TRAP TYPE B	834.00	EACH		\$	
0510	02708		CLEAN SILT TRAP TYPE C	834.00	EACH		\$	
0520	02709		CLEAN TEMP SILT FENCE	11,986.00	LF		\$	
0530	02726		STAKING	1.00	LS		\$	
0540	02775		ARROW PANEL	2.00	EACH		\$	
0550	05950		EROSION CONTROL BLANKET	8,469.00	SQYD		\$	
0560	05952		TEMP MULCH	672,444.00	SQYD		\$	
0570	05953		TEMP SEEDING AND PROTECTION	1,000.00	SQYD		\$	
0580	05966		TOPDRESSING FERTILIZER	35.00	TON		\$	
0590	05985		SEEDING AND PROTECTION	672,444.00	SQYD		\$	
0600	06510		PAVE STRIPING-TEMP PAINT-4 IN	120,000.00	LF		\$	
0611	06515		PAVE STRIPING-PERM PAINT-6 IN ADDED: 11-21-13	200,000.00	LF		\$	
0620	06549		PAVE STRIPING-TEMP REM TAPE-B	20,000.00	LF		\$	
0630	06568		PAVE MARKING-THERMO STOP BAR-24IN	204.00	LF		\$	
0640	06580		PAVEMENT MARKER TYPE IV-MW	500.00	EACH		\$	
0650	06582		PAVEMENT MARKER TYPE IV-BY	1,000.00	EACH		\$	
0660	10020NS		FUEL ADJUSTMENT	406,211.00	DOLL	\$1.00	\$	\$406,211.00
0670	10030NS		ASPHALT ADJUSTMENT	705,734.00	DOLL	\$1.00	\$	\$705,734.00
0680	20550ND		SAWCUT PAVEMENT	48,382.00	LF		\$	
0690	23019EN		ASPHALT MILLING AND TEXTURING	3,029.00	SQYD		\$	
0700	23131ER701		PIPELINE VIDEO INSPECTION	3,913.00	LF		\$	
0710	23274EN11F		TURF REINFORCEMENT MAT 1	140.00	SQYD		\$	
0720	23864EC		CHANNEL LINING CLASS III-MOD	444.00	TON		\$	
0721	24586EC		BENDING BEAM RHEOMETER ADDED: 11-21-13	1.00	EACH		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0730	00440		ENTRANCE PIPE-15 IN	1,259.00	LF		\$	
0740	00441		ENTRANCE PIPE-18 IN	394.00	LF		\$	
0750	00443		ENTRANCE PIPE-24 IN	406.00	LF		\$	
0760	00445		ENTRANCE PIPE-30 IN	104.00	LF		\$	
0770	00461		CULVERT PIPE-15 IN	621.00	LF		\$	
0780	00462		CULVERT PIPE-18 IN	704.00	LF		\$	
0790	00464		CULVERT PIPE-24 IN	183.00	LF		\$	
0800	00466		CULVERT PIPE-30 IN	173.00	LF		\$	
0810	00468		CULVERT PIPE-36 IN	198.00	LF		\$	
0820	00469		CULVERT PIPE-42 IN	82.00	LF		\$	
0830	00471		CULVERT PIPE-54 IN	36.00	LF		\$	

**PROPOSAL BID ITEMS**

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0840	00472		CULVERT PIPE-60 IN	65.00	LF		\$	
0850	00521		STORM SEWER PIPE-15 IN	154.00	LF		\$	
0860	00522		STORM SEWER PIPE-18 IN	458.00	LF		\$	
0870	01000		PERFORATED PIPE-4 IN	42,993.00	LF		\$	
0880	01010		NON-PERFORATED PIPE-4 IN	1,537.00	LF		\$	
0890	01020		PERF PIPE HEADWALL TY 1-4 IN	20.00	EACH		\$	
0900	01028		PERF PIPE HEADWALL TY 3-4 IN	34.00	EACH		\$	
0910	01032		PERF PIPE HEADWALL TY 4-4 IN	48.00	EACH		\$	
0920	01202		PIPE CULVERT HEADWALL-15 IN	2.00	EACH		\$	
0930	01204		PIPE CULVERT HEADWALL-18 IN	14.00	EACH		\$	
0940	01208		PIPE CULVERT HEADWALL-24 IN	3.00	EACH		\$	
0950	01210		PIPE CULVERT HEADWALL-30 IN	5.00	EACH		\$	
0960	01212		PIPE CULVERT HEADWALL-36 IN	8.00	EACH		\$	
0970	01214		PIPE CULVERT HEADWALL-42 IN	2.00	EACH		\$	
0980	01220		PIPE CULVERT HEADWALL-60 IN	2.00	EACH		\$	
0990	01433		SLOPED BOX OUTLET TYPE 1-18 IN	1.00	EACH		\$	
1000	01440		SLOPED BOX INLET-OUTLET TYPE 1	4.00	EACH		\$	
1010	01450		S & F BOX INLET-OUTLET-18 IN	7.00	EACH		\$	
1020	01451		S & F BOX INLET-OUTLET-24 IN	1.00	EACH		\$	
1030	01490		DROP BOX INLET TYPE 1	12.00	EACH		\$	
1040	01493		DROP BOX INLET TYPE 2	1.00	EACH		\$	
1050	01641		JUNCTION BOX-15 IN	2.00	EACH		\$	
1060	01660		SPRING BOX INLET TYPE A	1.00	EACH		\$	
1070	01756		MANHOLE TYPE A	3.00	EACH		\$	
1080	01761		MANHOLE TYPE B	3.00	EACH		\$	
1090	01767		MANHOLE TYPE C	3.00	EACH		\$	
1100	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	4,437.00	SQYD	\$2.00	\$	\$8,874.00
1110	21257ED		ENTRANCE PIPE-48 IN	147.00	LF		\$	
1120	22581EN		ENTRANCE PIPE-36 IN	168.00	LF		\$	
1130	24026EC		PIPE CULVERT HEADWALL-54 IN	1.00	EACH		\$	

**Section: 0004 - BRIDGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1140	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1150	08100		CONCRETE-CLASS A	135.00	CUYD		\$	
1160	08150		STEEL REINFORCEMENT	22,009.00	LB		\$	

**Section: 0005 - MOB AND DEMOB**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1170	02568		MOBILIZATION	1.00	LS		\$	
1180	02569		DEMOBILIZATION	1.00	LS		\$	