



COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
www.transportation.ky.gov/

Andy Beshear
GOVERNOR

Jim Gray
SECRETARY

April 21, 2020

CALL NO. 104
CONTRACT ID NO. 201016
ADDENDUM # 1

Subject: NELSON COUNTY, STP BRO 5038 (104)
Letting April 24, 2020

- (1) Revised - Utilities and Rail Certification Note - Page 147 of 409
- (2) Revised - Proposal Bid Items - Pages 406-409 of 409
- (3) Revised - Plan Sheet - R2A

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 black ink that reads "Rachel Mills".

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

RM:mr
Enclosures

UTILITIES AND RAIL CERTIFICATION NOTE

**NELSON COUNTY
FEDERAL PROJECT #00BRO5038104
UNIFIED PROJECT NUMBER #FD52 090 86746
US 62, KY 55, and KY 48/BLOOMFIELD BRIDGES
SIX YEAR PLAN ITEM #4-1078.00**

GENERAL PROJECT NOTE ON UTILITY PROTECTION

N/A

NOTE: DO NOT DISTURB THE FOLLOWING UTILITIES LOCATED WITHIN THE PROJECT DISTURB LIMITS

- The City of Bloomfield has water and sewer facilities throughout the project.
- KU has electric facilities throughout the project.
- AT&T has facilities throughout the project.
- The City of Bardstown has CATV facilities throughout the project.

The Contractor is fully responsible for protection of all utilities listed above

THE FOLLOWING COMPANIES ARE RELOCATING/ADJUSTING THEIR UTILITIES WITHIN THE PROJECT LIMITS AND WILL BE COMPLETE PRIOR TO CONSTRUCTION

N/A

THE FOLLOWING COMPANIES HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE COMPANY OR THE COMPANY'S SUBCONTRACTOR AND IS TO BE COORDINATED WITH THE ROAD CONTRACT

- KU has electric facilities to be relocated throughout the project.
- AT&T has facilities to be relocated throughout the project.
- The City of Bardstown has CATV facilities to be relocated throughout the project.
- These companies will have their facilities relocated by 08/30/2020.

The Department will consider submission of a bid as the Contractor's agreement to not make any claims for additional compensation due to delays or other conditions created by the operations of KU, AT&T, and/or the City of Bardstown. Working days will not be charged for those days on which work on KU's, AT&T's, and/or City of Bardstown's facilities is delayed, as provided in the current edition of the KY Standard Specifications for Road and Bridge Construction. Should a difference of opinion arise as to the rights of the Contractor and others working within the limits of, or adjacent to the project, the KYTC Resident Engineer will decide as to the respective rights of the various parties involved in order to assure the completion of the Department's work in general harmony and in a satisfactory manner, and his decision shall be final and binding upon the Contractor.

THE FOLLOWING COMPANIES HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE ROAD CONTRACTOR AS INCLUDED IN THIS CONTRACT

The City of Bloomfield has water and sewer facilities to be relocated by the highway contractor as indicated in the plans.

PROPOSAL BID ITEMS

Report Date 4/21/20

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	132.00	TON		\$	
0020	00190		LEVELING & WEDGING PG64-22	142.00	TON		\$	
0030	00221		CL2 ASPH BASE 0.75D PG64-22	83.00	TON		\$	
0040	00301		CL2 ASPH SURF 0.38D PG64-22	136.00	TON		\$	
0050	02101		CEM CONC ENT PAVEMENT-8 IN	40.00	SQYD		\$	
0060	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	.60	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0070	01810		STANDARD CURB AND GUTTER	272.00	LF		\$	
0080	01890		ISLAND HEADER CURB TYPE 1	71.00	LF		\$	
0090	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	6.00	EACH		\$	
0100	01990		DELINEATOR FOR BARRIER WALL-B/W	4.00	EACH		\$	
0110	02004		RELOCATE WATER-FILLED BARRIERS	321.00	LF		\$	
0120	02005		WATER-FILLED BARRIERS	305.00	LF		\$	
0130	02014		BARRICADE-TYPE III	5.00	EACH		\$	
0140	02200		ROADWAY EXCAVATION	35.00	CUYD		\$	
0150	02242		WATER	52.00	MGAL		\$	
0160	02351		GUARDRAIL-STEEL W BEAM-S FACE	125.00	LF		\$	
0170	02360		GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH		\$	
0180	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	2.00	EACH		\$	
0190	02430		RIGHT-OF-WAY MONUMENT TYPE 1A	14.00	EACH		\$	
0200	02562		TEMPORARY SIGNS	487.00	SQFT		\$	
0210	02585		EDGE KEY	99.00	LF		\$	
0220	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	30.00	SQYD	\$2.00	\$	\$60.00
0230	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0240	02651		DIVERSIONS (BY-PASS DETOURS)	1.00	LS		\$	
0250	02653		LANE CLOSURE	4.00	EACH		\$	
0260	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0265	02676		MOBILIZATION FOR MILL & TEXT (ADDED: 4-21-20)	1.00	LS		\$	
0270	02677		ASPHALT PAVE MILLING & TEXTURING	15.00	TON		\$	
0280	02705		SILT TRAP TYPE C	3.00	EACH		\$	
0290	02708		CLEAN SILT TRAP TYPE C	6.00	EACH		\$	
0300	02720		SIDEWALK-4 IN CONCRETE	215.00	SQYD		\$	
0310	02726		STAKING	1.00	LS		\$	
0320	02731		REMOVE STRUCTURE 35'X17' CONC. BRIDGE,	1.00	LS		\$	
0330	02731		REMOVE STRUCTURE 86'X31' 5 SPAN BRIDGE	1.00	LS		\$	
0340	02731		REMOVE STRUCTURE REMOVE TOP SLAB 192'X17' BOX CULVER	1.00	LS		\$	
0350	02775		ARROW PANEL	2.00	EACH		\$	
0360	04934		TEMP SIGNAL MULTI PHASE	1.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 4/21/20

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0370	06510		PAVE STRIPING-TEMP PAINT-4 IN	8,867.00	LF		\$	
0380	06514		PAVE STRIPING-PERM PAINT-4 IN	1,731.00	LF		\$	
0390	06540		PAVE STRIPING-THERMO-4 IN W	344.00	LF		\$	
0400	06565		PAVE MARKING-THERMO X-WALK-6 IN	358.00	LF		\$	
0410	06568		PAVE MARKING-THERMO STOP BAR-24IN	56.00	LF		\$	
0420	08821		DRAIN PIPE-8 IN PART OF TRENCH DRAIN	15.00	LF		\$	
0430	22766ED		TRENCH DRAIN	64.00	LF		\$	
0440	23010EN		PAVE MARK TEMP PAINT STOP BAR-24 IN	80.00	LF		\$	
0450	23158ES505		DETECTABLE WARNINGS	90.00	SQFT		\$	
0460	50005		REMOVE/REPLACE PORCH	1.00	EACH		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0470	00461		CULVERT PIPE-15 IN	169.00	LF		\$	
0480	01493		DROP BOX INLET TYPE 2	1.00	EACH		\$	
0490	01559		DROP BOX INLET TYPE 13G	2.00	EACH		\$	

Section: 0004 - BRIDGE-27520

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0500	02998		MASONRY COATING	306.00	SQYD		\$	
0510	03299		ARMORED EDGE FOR CONCRETE	51.40	LF		\$	
0520	04793		CONDUIT-1 1/4 IN	12.00	LF		\$	
0530	04795		CONDUIT-2 IN	183.50	LF		\$	
0540	04810		ELECTRICAL JUNCTION BOX BRIDGE - EAST FORK SIMPSON CREEK - DWG 27520	4.00	EACH		\$	
0550	08001		STRUCTURE EXCAVATION-COMMON	124.00	CUYD		\$	
0560	08002		STRUCTURE EXCAV-SOLID ROCK	57.00	CUYD		\$	
0570	08100		CONCRETE-CLASS A	157.10	CUYD		\$	
0580	08104		CONCRETE-CLASS AA	66.30	CUYD		\$	
0590	08150		STEEL REINFORCEMENT	18,118.00	LB		\$	
0600	08151		STEEL REINFORCEMENT-EPOXY COATED	8,306.00	LB		\$	
0610	08661		PRECAST PC BOX BEAM CB12-48	654.40	LF		\$	
0620	23378EC		CONCRETE SEALING	2,557.00	SQFT		\$	
0630	24751ED		REMOVE STORE & REINSTALL 27520	4.00	EACH		\$	
0640	24877ED		RAIL SYSTEM TYPE C411	171.50	LF		\$	

Section: 0005 - BRIDGE-27521

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0650	02220		FLOWABLE FILL	63.70	CUYD		\$	
0660	02403		REMOVE CONCRETE MASONRY	260.00	CUYD		\$	
0670	03250		WATERPROOFING MEMBRANE	534.00	SQYD		\$	

PROPOSAL BID ITEMS

Report Date 4/21/20

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0680	08002		STRUCTURE EXCAV-SOLID ROCK	53.00	CUYD		\$	
0690	08003		FOUNDATION PREPARATION	1.00	LS		\$	
0700	08100		CONCRETE-CLASS A	390.40	CUYD		\$	
0710	08150		STEEL REINFORCEMENT	53,367.00	LB		\$	
0720	08151		STEEL REINFORCEMENT-EPOXY COATED	1,152.00	LB		\$	
0730	24877ED		RAIL SYSTEM TYPE C411	46.40	LF		\$	

Section: 0006 - BRIDGE-27522

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0740	02231		STRUCTURE GRANULAR BACKFILL	275.00	CUYD		\$	
0750	02998		MASONRY COATING	126.00	SQYD		\$	
0760	08001		STRUCTURE EXCAVATION-COMMON	238.00	CUYD		\$	
0770	08002		STRUCTURE EXCAV-SOLID ROCK	37.00	CUYD		\$	
0780	08100		CONCRETE-CLASS A	80.60	CUYD		\$	
0790	08150		STEEL REINFORCEMENT	5,732.00	LB		\$	
0800	08151		STEEL REINFORCEMENT-EPOXY COATED	2,323.00	LB		\$	
0810	08160		STRUCTURAL STEEL 9,660 LB	1.00	LS		\$	
0820	21688EN		REM DRY STONE MASONRY WALL	67.00	LF		\$	

Section: 0007 - SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0830	00071		CRUSHED AGGREGATE SIZE NO 57	325.00	TON		\$	
0840	15000		S BYPASS PUMPING	5.00	EACH		\$	
0850	15087		S LATERAL LONG SIDE 04 INCH	1.00	EACH		\$	
0860	15088		S LATERAL LONG SIDE 06 INCH	1.00	EACH		\$	
0870	15089		S LATERAL SHORT SIDE 04 INCH	1.00	EACH		\$	
0880	15090		S LATERAL SHORT SIDE 06 INCH	9.00	EACH		\$	
0890	15092		S MANHOLE	7.00	EACH		\$	
0900	15093		S MANHOLE ABANDON/REMOVE	1.00	EACH		\$	
0910	15095		S MANHOLE CASTING STANDARD	5.00	EACH		\$	
0920	15096		S MANHOLE CASTING WATERTIGHT	2.00	EACH		\$	
0930	15112		S PIPE PVC 08 INCH	758.00	LF		\$	
0940	15136		S LATERAL LOCATE	10.00	EACH		\$	
0950	20757ED		PAVEMENT REPAIR	288.00	SQYD		\$	

Section: 0008 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0960	00071		CRUSHED AGGREGATE SIZE NO 57	879.00	TON		\$	
0970	14003		W CAP EXISTING MAIN	6.00	EACH		\$	
0980	14004		W DIRECTIONAL BORE	100.00	LF		\$	
0990	14009		W ENCASEMENT STEEL BORED RANGE 4	60.00	LF		\$	
1000	14019		W FIRE HYDRANT ASSEMBLY	4.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 4/21/20

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1010	14021		W FIRE HYDRANT REMOVE	2.00	EACH		\$	
1020	14056		W PIPE PVC 02 INCH	40.00	LF		\$	
1030	14059		W PIPE PVC 06 INCH	70.00	LF		\$	
1040	14060		W PIPE PVC 08 INCH	1,590.00	LF		\$	
1050	14085		W SERV PE/PLST SHORT SIDE 3/4 IN	14.00	EACH		\$	
1060	14088		W STRUCTURE REMOVAL	1.00	EACH		\$	
1070	14089		W TAPPING SLEEVE AND VALVE SIZE 1	1.00	EACH		\$	
1080	14091		W TIE-IN 02 INCH	1.00	EACH		\$	
1090	14093		W TIE-IN 04 INCH	3.00	EACH		\$	
1100	14094		W TIE-IN 06 INCH	4.00	EACH		\$	
1110	14104		W VALVE 04 INCH	3.00	EACH		\$	
1120	14105		W VALVE 06 INCH	1.00	EACH		\$	
1130	14106		W VALVE 08 INCH	5.00	EACH		\$	
1140	20757ED		PAVEMENT REPAIR	586.00	SQYD		\$	

Section: 0009 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1145	02568		MOBILIZATION (ADDED: 4-21-20)	1.00	LS		\$	
1150	02569		DEMOBILIZATION	1.00	LS		\$	

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
01810	STANDARD CURB AND GUTTER	LF	272
01890	ISLAND HEADER CURB TYPE I	LF	71
01982	DELINATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	EACH	6
01990	DELINATOR FOR BARRIER WALL - B/W	EACH	4
02004	RELOCATE WATER-FILLED BARRIERS	LF	321
02005	WATER-FILLED BARRIERS	LF	305
02014	BARRICADE - TYPE III	EACH	5
02200	ROADWAY EXCAVATION	CU YD	35
02242	WATER	M GAL	52
02351	GUARDRAIL-STEEL W BEAM-S FACE	LF	125
02360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	2
02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	2
02430	RIGHT-OF-WAY MONUMENT TYPE 1A	EACH	14
02562	TEMPORARY SIGNS (4)(10)	SO FT	487
02569	DEMOBILIZATION	LS	1
02585	EDGE KEY	LF	99
02650	MAINTAIN & CONTROL TRAFFIC	LS	1
02651	DIVERSIONS (BY-PASS DETOURS) (4)	LS	1
02653	LANE CLOSURE (4)	EA	4
02671	PORTABLE CHANGEABLE MESSAGE SIGN (1)	EA	6
02677	ASPHALT PAVE MILLING & TEXTURING	TON	15
02705	SILT TRAP TYPE C	EACH	3
02708	CLEAN SILT TRAP TYPE C	EACH	6
02720	SIDEWALK-4 IN CONCRETE	SO YD	215
02726	STAKING	LS	1
02731	REMOVE STRUCTURES (1)	LS	1
02731	REMOVE STRUCTURES (2)	LS	1
02731	REMOVE STRUCTURES (3)	LS	1
02775	ARROW PANEL	EA	2
04934	TEMP SIGNAL MULTI PHASE (4)	EA	1
06510	PAVE STRIPING-TEMP PAINT-4 IN	LF	8867
06514	PAVE STRIPING-PERM PAINT-4 IN	LF	1731
06540	PAVE STRIPING-THERMO-4 IN W	LF	344
06565	PAVE MARKING-THERMO X-WALK-6 IN	LF	358
06568	PAVE MARKING-THERMO STOP BAR-24 IN	LF	56
08821	DRAIN PIPE-8IN	LF	15
22766ED	TRENCH DRAIN	LF	64
23010EN	PAVE MARK TEMP PAINT STOP BAR-24 IN (5)	LF	80
23168E5S05	DETECTABLE WARNING	SO FT	90
50005	REMOVE/REPLACE PORCH	EA	1
02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	SO YD	30
02568	MOBILIZATION	EA	1
02676	MOBILIZATION FOR MILL & TEXT	EA	1

- ① STA. 11+51 REMOVE 86'x31' 5 SPAN BRIDGE
- ② STA. 14+86.13 REMOVE 35'x17' CONCRETE BRIDGE
- ③ STA. 12+83 TO STA. 14+75 REMOVE THE TOP SLAB (192'x17' BOX CULVERT)
- ④

BID CODE	2005	2004	2562	6510	2014	6568
BID ITEM	WATER-FILLED BARRIERS	RELOC. WATER-FILLED BARRIERS	TEMP. SIGN	TEMP. STRIPING	BARRICADE TYPE III	STOP BAR
UNIT	LF	LF	SF	LF	EACH	LF
PHASE I	126	-	36	-	2	-
PHASE II	-	-	93	2384	1	20
PHASE III	-	113	-	2383	1	20
PHASE IV	179	126	-	-	-	-
PHASE V	-	82	93	2050	1	20
PHASE VI	-	-	93	2050	-	20
TOTAL	305	321	315	8867	5	(5) 80

- ⑤ INCLUDED IN THE GENERAL SUMMARY
- ⑥ INCLUDES ALL COMPONENTS NECESSARY TO SIGNALIZE THE INTERSECTION DURING ALL MOT PHASES. THIS ITEM WILL BE PAID ONCE FOR THE DURATION OF THE PROJECT. RELOCATION OF TEMPORARY SIGNALS IS CONSIDERED INCIDENTAL TO THIS BID ITEM. PHASE IV ANTICIPATED TO REQUIRE 4 SIGNAL HEADS CONTROLLED BY A SINGLE UNIT.
- ⑦ INCLUDES 172 SF FROM DETOUR SHEET R18.
- ⑧ INCLUDES 2 EA FROM DETOUR SHEET R18.

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	TOTAL PROJECT
00001	DGA BASE (6)	TON	132
00190	LEVELING & WEDGING PG64-22	TON	142
00221	CL2 ASPH BASE 0.75D PG64-22	TON	83
00301	CL2 ASPH SURF 0.38D PG64-22	TON	136
02101	CEM CONC ENT PAVEMENT- 8 IN	SO YD	40
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING (8)	TON	0.6

NOTES
 ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.
 (6) ESTIMATED AT 1.15 LBS. PER SQ. YD. PER INCH OF DEPTH.
 (7) USE (2) 3" COURSES FOR MAINLINE USE (1) 3" COURSE FOR DIVERSION
 (8) ESTIMATED AT 0.50 LBS PER SQ YD.

PAVING AREAS

ITEM	MAINLINE	DIVERSION PHASE VI	DIVERSION PHASE VII	ENTRANCE	TOTAL PROJECT					
						S	Q	U	A	R
1/4" CL2 ASPH SURF 0.38D PG64-22	1708	52	24	22	1979					
2" CL2 ASPH BASE 0.75D PG64-22				22	22					
3" CL2 ASPH BASE 0.75D PG64-22 (7)	350	52	24		426					
4" DGA BASE				40	40					
6" DGA BASE				22	22					
8" DGA BASE	175	52	24		251					
1/2" LEVELING & WEDGING PG64-22	1716				1716					
CEM CONC ENT PAVEMENT-8 IN				40	40					

PIPE DRAINAGE SUMMARY

SHEET NO.	ITEM CODE	SKEW	DESIGN PH LEVEL	CULVERT TYPE 15-IN	DROP BOX INLET TYPE II	DROP BOX INLET TYPE 13G	REMARKS
				LF	EACH		
	49.75' Rt. 13+27+51	0°	M	4	1		
	21.77' Rt. 13+49.45	0°	M	4		1	
	11' Rt. 14+31.57	0°	M	7		1	
	Sta. 12+89.93	8°01'02" Rt.	M	54			
	Sta. 13+29.10	1°25'36" Rt.	M	60			
	Sta. 13+87.17	7°20'26" Rt.	M	40			
	TOTAL PROJECT			169	1	2	

GENERAL, PIPE & PAVING SUMMARY

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
01810	STANDARD CURB AND GUTTER	LF	272
01890	ISLAND HEADER CURB TYPE I	LF	71
01982	DELINATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	EACH	6
01990	DELINATOR FOR BARRIER WALL - B/W	EACH	4
02004	RELOCATE WATER-FILLED BARRIERS	LF	321
02005	WATER-FILLED BARRIERS	LF	305
02014	BARRICADE - TYPE III	EACH	5
02200	ROADWAY EXCAVATION	CU YD	35
02242	WATER	M GAL	52
02351	GUARDRAIL-STEEL W BEAM-S FACE	LF	125
02360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	2
02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	2
02430	RIGHT-OF-WAY MONUMENT TYPE 1A	EACH	14
02562	TEMPORARY SIGNS (4)(10)	SO FT	487
02569	DEMOBILIZATION	LS	1
02585	EDGE KEY	LF	99
02650	MAINTAIN & CONTROL TRAFFIC	LS	1
02651	DIVERSIONS (BY-PASS DETOURS) (4)	LS	1
02653	LANE CLOSURE (4)	EA	4
02671	PORTABLE CHANGEABLE MESSAGE SIGN (1)	EA	6
02677	ASPHALT PAVE MILLING & TEXTURING	TON	15
02705	SILT TRAP TYPE C	EACH	3
02708	CLEAN SILT TRAP TYPE C	EACH	6
02720	SIDEWALK-4 IN CONCRETE	SO YD	215
02726	STAKING	LS	1
02731	REMOVE STRUCTURES (1)	LS	1
02731	REMOVE STRUCTURES (2)	LS	1
02731	REMOVE STRUCTURES (3)	LS	1
02775	ARROW PANEL	EA	2
04934	TEMP SIGNAL MULTI PHASE (4)	EA	1
06510	PAVE STRIPING-TEMP PAINT-4 IN	LF	8867
06514	PAVE STRIPING-PERM PAINT-4 IN	LF	1731
06540	PAVE STRIPING-THERMO-4 IN W	LF	344
06565	PAVE MARKING-THERMO X-WALK-6 IN	LF	358
06568	PAVE MARKING-THERMO STOP BAR-24 IN	LF	56
08821	DRAIN PIPE-8IN	LF	15
22766ED	TRENCH DRAIN	LF	64
23010EN	PAVE MARK TEMP PAINT STOP BAR-24 IN (5)	LF	80
23168E5S05	DETECTABLE WARNING	SO FT	90
50005	REMOVE/REPLACE PORCH	EA	1
02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	SO YD	30
02568	MOBILIZATION	EA	1
02676	MOBILIZATION FOR MILL & TEXT	EA	1

- ① STA. 11+51 REMOVE 86'x31' 5 SPAN BRIDGE
- ② STA. 14+86.13 REMOVE 35'x17' CONCRETE BRIDGE
- ③ STA. 12+83 TO STA. 14+75 REMOVE THE TOP SLAB (192'x17' BOX CULVERT)
- ④

BID CODE	2004	2562	6510	2014	6568
BID ITEM	WATER-FILLED BARRIERS	RELOC. WATER-FILLED BARRIERS	TEMP. STRIPING	BARRICADE TYPE III	STOP BAR
UNIT	LF	SF	LF	EACH	LF
PHASE I	126	36	-	2	-
PHASE II	-	93	2384	1	20
PHASE III	-	-	2383	1	20
PHASE IV	179	-	-	-	-
PHASE V	82	93	2050	1	20
PHASE VI	-	93	2050	-	20
TOTAL	305	315	8867	5	(5) 80

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	TOTAL PROJECT
00001	DGA BASE (6)	TON	132
00190	LEVELING & WEDGING PG64-22	TON	142
00221	CL2 ASPH BASE 0.75D PG64-22	TON	83
00301	CL2 ASPH SURF 0.38D PG64-22	TON	136
02101	CEM CONC ENT PAVEMENT- 8 IN	SO YD	40
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING (8)	TON	0.6

NOTES
 ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.
 (6) ESTIMATED AT 1.15 LBS. PER SQ. YD. PER INCH OF DEPTH.
 (7) USE (2) 3" COURSES FOR MAINLINE USE (1) 3" COURSE FOR DIVERSION
 (8) ESTIMATED AT 0.50 LBS PER SQ YD.

PAVING AREAS

ITEM	MAINLINE	DIVERSION PHASE VI	DIVERSION PHASE VII	ENTRANCE	TOTAL PROJECT				
					S	Q	U	A	R
1/4" CL2 ASPH SURF 0.38D PG64-22	1708	52	24	22	1708	52	24	22	1979
2" CL2 ASPH BASE 0.75D PG64-22				22				22	22
3" CL2 ASPH BASE 0.75D PG64-22 (7)	350	52	24		350	52	24		426
4" DGA BASE				40				40	40
6" DGA BASE				22				22	22
8" DGA BASE	175	52	24		175	52	24		251
1/2" LEVELING & WEDGING PG64-22	1716				1716				1716
CEM CONC ENT PAVEMENT-8 IN				40				40	40

PIPE DRAINAGE SUMMARY

SHEET NO.	ITEM CODE	SKEW	DESIGN PH LEVEL	CULVERT TYPE 15-IN	DROP BOX INLET TYPE II	DROP BOX INLET TYPE 13G	REMARKS
				LF	EACH		
	49.75' Rt. 13+27+51	0°	M	4	1		
	21.77' Rt. 13+49.45	0°	M	4		1	
	11' Rt. 14+31.57	0°	M	7		1	
	Sta. 12+89.93	8°01'02" Rt.	M	54			
	Sta. 13+29.10	1°25'36" Rt.	M	60			
	Sta. 13+87.17	7°20'26" Rt.	M	40			
	TOTAL PROJECT			169	1	2	

GENERAL, PIPE & PAVING SUMMARY