



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

Andy Beshear
GOVERNOR

Jim Gray
SECRETARY

March 17, 2021

CALL NO. 201
CONTRACT ID NO. 211308
ADDENDUM # 2

Subject: Pendleton-Campbell Counties, 121GR21D008 - STP
Letting March 19, 2021

- (1) Revised - Proposal Bid Items - Pages 202-206 of 206
- (2) Revised - Plan Sheets - R2F, R2H, R35

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,

A handwritten signature in black ink that reads "Rachel Mills". The signature is written in a cursive, flowing style.

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

RM:mr
Enclosures

PROPOSAL BID ITEMS

Report Date 3/17/21

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	230.00	TON		\$	
0020	00003		CRUSHED STONE BASE	10,730.00	TON		\$	
0030	00005		GEOGRID REINFORCEMENT FOR SUBGRADE	580.00	SQYD		\$	
0040	00078		CRUSHED AGGREGATE SIZE NO 2	16,979.00	TON		\$	
0050	00100		ASPHALT SEAL AGGREGATE	28.00	TON		\$	
0060	00103		ASPHALT SEAL COAT	8.00	TON		\$	
0070	00190		LEVELING & WEDGING PG64-22	1,156.00	TON		\$	
0080	00212		CL2 ASPH BASE 1.00D PG64-22	2,696.00	TON		\$	
0090	00214		CL3 ASPH BASE 1.00D PG64-22	2,243.00	TON		\$	
0100	00301		CL2 ASPH SURF 0.38D PG64-22	1,195.00	TON		\$	
0110	00356		ASPHALT MATERIAL FOR TACK	17.10	TON		\$	
0120	00388		CL3 ASPH SURF 0.38B PG64-22	1,626.00	TON		\$	
0130	02073		JPC PAVEMENT-9 IN	355.00	SQYD		\$	
0140	02082		JPC PAVEMENT-9 IN SHLD	140.00	SQYD		\$	
0150	02084		JPC PAVEMENT-8 IN	278.00	SQYD		\$	
0160	02603		FABRIC-GEOTEXTILE CLASS 2	12,202.00	SQYD		\$	
0170	02604		FABRIC-GEOTEXTILE CLASS 1A	12,202.00	SQYD		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0180	00078		CRUSHED AGGREGATE SIZE NO 2	3.00	TON		\$	
0190	01000		PERFORATED PIPE-4 IN	850.00	LF		\$	
0200	01010		NON-PERFORATED PIPE-4 IN	75.00	LF		\$	
0210	01024		PERF PIPE HEADWALL TY 2-4 IN	3.00	EACH		\$	
0220	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	44.00	EACH		\$	
0230	01990		DELINEATOR FOR BARRIER WALL-B/W	5.00	EACH		\$	
0240	02014		BARRICADE-TYPE III	13.00	EACH		\$	
0250	02091		REMOVE PAVEMENT	3,557.00	SQYD		\$	
0260	02159		TEMP DITCH	2,576.00	LF		\$	
0270	02160		CLEAN TEMP DITCH	1,289.00	LF		\$	
0280	02200		ROADWAY EXCAVATION	63,060.00	CUYD		\$	
0290	02223		GRANULAR EMBANKMENT	2,873.00	CUYD		\$	
0300	02242		WATER	210.00	MGAL		\$	
0310	02360		GUARDRAIL TERMINAL SECTION NO 1	6.00	EACH		\$	
0320	02367		GUARDRAIL END TREATMENT TYPE 1	5.00	EACH		\$	
0330	02381		REMOVE GUARDRAIL	1,462.50	LF		\$	
0340	02397		TEMP GUARDRAIL	912.50	LF		\$	
0350	02429		RIGHT-OF-WAY MONUMENT TYPE 1	32.00	EACH		\$	
0360	02432		WITNESS POST	32.00	EACH		\$	
0370	02483		CHANNEL LINING CLASS II	745.00	TON		\$	
0380	02545		CLEARING AND GRUBBING (14 ACRES - PENDLETON COUNTY)	1.00	LS		\$	
0390	02545		CLEARING AND GRUBBING (4 ACRES-CAMBELL COUNTY)	1.00	LS		\$	

PENDLETON - CAMPBELL COUNTIES

121GR21D008 - STP

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PROPOSAL BID ITEMS

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Report Date 3/17/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0400	02562		TEMPORARY SIGNS	1,171.50	SQFT		\$	
0410	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,693.00	SQYD	\$2.00	\$	\$3,386.00
0420	02650		MAINTAIN & CONTROL TRAFFIC (CAMPBELL COUNTY)	1.00	LS		\$	
0430	02650		MAINTAIN & CONTROL TRAFFIC (PENDLETON COUNTY)	1.00	LS		\$	
0440	02651		DIVERSIONS (BY-PASS DETOURS) (KY 3162 DIVERSION-PENDLETON COUNTY)	1.00	LS		\$	
0450	02651		DIVERSIONS (BY-PASS DETOURS) (US 27 DIVERSION-PENDLETON COUNTY)	1.00	LS		\$	
0460	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	
0470	02676		MOBILIZATION FOR MILL & TEXT (CAMPBELL COUNTY)	1.00	LS		\$	
0480	02676		MOBILIZATION FOR MILL & TEXT (PENDLETON COUNTY)	1.00	LS		\$	
0490	02677		ASPHALT PAVE MILLING & TEXTURING (REVISED: 3-17-21)	180.00	TON		\$	
0500	02697		EDGE LINE RUMBLE STRIPS	8,817.00	LF		\$	
0510	02701		TEMP SILT FENCE	2,576.00	LF		\$	
0520	02703		SILT TRAP TYPE A	19.00	EACH		\$	
0530	02704		SILT TRAP TYPE B	19.00	EACH		\$	
0540	02705		SILT TRAP TYPE C	19.00	EACH		\$	
0550	02706		CLEAN SILT TRAP TYPE A	19.00	EACH		\$	
0560	02707		CLEAN SILT TRAP TYPE B	19.00	EACH		\$	
0570	02708		CLEAN SILT TRAP TYPE C	19.00	EACH		\$	
0580	02726		STAKING (CAMPBELL COUNTY)	1.00	LS		\$	
0590	02726		STAKING (PENDLETON COUNTY)	1.00	LS		\$	
0600	05950		EROSION CONTROL BLANKET	3,445.00	SQYD		\$	
0610	05952		TEMP MULCH	58,330.00	SQYD		\$	
0620	05953		TEMP SEEDING AND PROTECTION	43,748.00	SQYD		\$	
0630	05963		INITIAL FERTILIZER	.80	TON		\$	
0640	05964		MAINTENANCE FERTILIZER	4.10	TON		\$	
0650	05985		SEEDING AND PROTECTION	26,559.00	SQYD		\$	
0660	05989		SPECIAL SEEDING CROWN VETCH	42,502.00	SQYD		\$	
0670	05990		SODDING	5,700.00	SQYD		\$	
0680	05992		AGRICULTURAL LIMESTONE	16.00	TON		\$	
0690	06510		PAVE STRIPING-TEMP PAINT-4 IN	37,051.00	LF		\$	
0700	06514		PAVE STRIPING-PERM PAINT-4 IN	5,461.00	LF		\$	
0710	06542		PAVE STRIPING-THERMO-6 IN W	11,551.00	LF		\$	
0720	06543		PAVE STRIPING-THERMO-6 IN Y	13,682.00	LF		\$	
0730	06556		PAVE STRIPING-DUR TY 1-6 IN W	722.00	LF		\$	
0740	06557		PAVE STRIPING-DUR TY 1-6 IN Y	448.00	LF		\$	
0750	06568		PAVE MARKING-THERMO STOP BAR-24IN	251.00	LF		\$	
0760	06569		PAVE MARKING-THERMO CROSS-HATCH	11,193.00	SQFT		\$	
0770	06574		PAVE MARKING-THERMO CURV ARROW	14.00	EACH		\$	
0780	06576		PAVE MARKING-THERMO ONLY	1.00	EACH		\$	
0790	08903		CRASH CUSHION TY VI CLASS BT TL3	2.00	EACH		\$	
0800	10020NS		FUEL ADJUSTMENT	35,919.00	DOLL	\$1.00	\$	\$35,919.00
0810	10030NS		ASPHALT ADJUSTMENT	35,468.00	DOLL	\$1.00	\$	\$35,468.00
0820	20071EC		JOINT ADHESIVE	4,409.00	LF		\$	

PENDLETON - CAMPBELL COUNTIES
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PROPOSAL BID ITEMS

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Report Date 3/17/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0830	20191ED		OBJECT MARKER TY 3	5.00	EACH		\$	
0840	20318ES508		RELOCATE CONC BARRIER WALL	398.00	LF		\$	
0850	20430ED		SAW CUT	275.00	LF		\$	
0860	20458ES403		CENTERLINE RUMBLE STRIPS	4,409.00	LF		\$	
0870	21417ES717		PAVE MARK THERMO CONE CAP-SOLID YELLOW	104.00	SQFT		\$	
0880	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	3,087.50	LF		\$	
0890	22680EN		QWICK CURB MEDIAN SEPARATOR	169.00	LF		\$	
0900	23007EN		CONC MEDIAN BARRIER TY 9T	398.00	LF		\$	
0910	23274EN11F		TURF REINFORCEMENT MAT 1	3,506.00	SQYD		\$	
0920	24540		R/W MONUMENT TYPE 3	26.00	EACH		\$	
0930	24896ED		RAIL SYSTEM TYPE T631	250.00	LF		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0940	00440		ENTRANCE PIPE-15 IN	617.00	LF		\$	
0950	00443		ENTRANCE PIPE-24 IN	120.00	LF		\$	
0960	00462		CULVERT PIPE-18 IN	200.00	LF		\$	
0970	00464		CULVERT PIPE-24 IN	189.00	LF		\$	
0980	01204		PIPE CULVERT HEADWALL-18 IN	1.00	EACH		\$	
0990	01433		SLOPED BOX OUTLET TYPE 1-18 IN	1.00	EACH		\$	
1000	01450		S & F BOX INLET-OUTLET-18 IN	3.00	EACH		\$	
1010	01451		S & F BOX INLET-OUTLET-24 IN	6.00	EACH		\$	
1020	01517		DROP BOX INLET TYPE 5F	1.00	EACH		\$	
1030	01642		JUNCTION BOX-18 IN	1.00	EACH		\$	
1040	24814EC		PIPELINE INSPECTION	730.00	LF		\$	

Section: 0004 - BRIDGE- 28084

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1050	08001		STRUCTURE EXCAVATION-COMMON	1,936.00	CUYD		\$	
1060	08002		STRUCTURE EXCAV-SOLID ROCK	129.00	CUYD		\$	
1070	08100		CONCRETE-CLASS A	917.20	CUYD		\$	
1080	08104		CONCRETE-CLASS AA	634.40	CUYD		\$	
1090	08150		STEEL REINFORCEMENT	102,952.00	LB		\$	
1100	08671		PRECAST PC BOX BEAM SB33	769.00	LF		\$	

Section: 0005 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1110	04792		CONDUIT-1 IN	90.00	LF		\$	
1120	04811		ELECTRICAL JUNCTION BOX TYPE B	1.00	EACH		\$	
1130	04820		TRENCHING AND BACKFILLING	128.00	LF		\$	
1140	04830		LOOP WIRE	332.00	LF		\$	
1150	04844		CABLE-NO. 14/5C	914.00	LF		\$	

PENDLETON - CAMPBELL COUNTIES

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PROPOSAL BID ITEMS

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Report Date 3/17/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1160	04850		CABLE-NO. 14/1 PAIR	230.00	LF		\$	
1170	04884		ANCHOR	4.00	EACH		\$	
1180	04886		MESSENGER-15400 LB	368.00	LF		\$	
1190	04894		PREFORMED LOOP/LEAD-IN	24.00	LF		\$	
1200	04895		LOOP SAW SLOT AND FILL	69.00	LF		\$	
1210	04932		INSTALL STEEL STRAIN POLE	1.00	EACH		\$	
1220	20188NS835		INSTALL LED SIGNAL-3 SECTION	10.00	EACH		\$	
1230	20390NS835		INSTALL COORDINATING UNIT	1.00	EACH		\$	
1240	20453ES835		PREFORMED QUADRAPOLE LOOPS	102.00	LF		\$	
1250	23157EN		TRAFFIC SIGNAL POLE BASE	4.00	CUYD		\$	
1260	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	46.00	LF		\$	
1270	24955ED		REMOVE SIGNAL EQUIPMENT	1.00	EACH		\$	

Section: 0006 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1280	14003		W CAP EXISTING MAIN	10.00	EACH		\$	
1290	14005		W ENCASEMENT CONCRETE	85.00	LF		\$	
1300	14007		W ENCASEMENT STEEL BORED RANGE 2	180.00	LF		\$	
1310	14008		W ENCASEMENT STEEL BORED RANGE 3	40.00	LF		\$	
1320	14013		W ENCASEMENT STEEL OPEN CUT RANGE 2	190.00	LF		\$	
1330	14019		W FIRE HYDRANT ASSEMBLY	2.00	EACH		\$	
1340	14021		W FIRE HYDRANT REMOVE	2.00	EACH		\$	
1350	14027		W METER 2 INCH	1.00	EACH		\$	
1360	14028		W METER 3/4 INCH	7.00	EACH		\$	
1370	14035		W PIPE DUCTILE IRON 04 INCH	157.00	LF		\$	
1380	14036		W PIPE DUCTILE IRON 06 INCH	454.00	LF		\$	
1390	14056		W PIPE PVC 02 INCH	484.00	LF		\$	
1400	14057		W PIPE PVC 03 INCH	488.00	LF		\$	
1410	14058		W PIPE PVC 04 INCH	1,320.00	LF		\$	
1420	14059		W PIPE PVC 06 INCH	3,762.00	LF		\$	
1430	14080		W SERV PE/PLST LONG SIDE 3/4 IN	6.00	EACH		\$	
1440	14084		W SERV PE/PLST SHORT SIDE 2 IN	1.00	EACH		\$	
1450	14085		W SERV PE/PLST SHORT SIDE 3/4 IN	7.00	EACH		\$	
1460	14089		W TAPPING SLEEVE AND VALVE SIZE 1	10.00	EACH		\$	
1470	14093		W TIE-IN 04 INCH	1.00	EACH		\$	
1480	14094		W TIE-IN 06 INCH	1.00	EACH		\$	
1490	14102		W VALVE 02 INCH	1.00	EACH		\$	
1500	14103		W VALVE 03 INCH	1.00	EACH		\$	
1510	14104		W VALVE 04 INCH	3.00	EACH		\$	
1520	14105		W VALVE 06 INCH	7.00	EACH		\$	
1530	14130		W METER WITH PRV 3/4 INCH	1.00	EACH		\$	
1540	14144		W LINE MARKER	15.00	EACH		\$	
1550	14153		W LEAK DETECTION METER	4.00	EACH		\$	
1560	14156		W METER REMOVE	9.00	EACH		\$	
1570	14158		W BLOWOFF ASSEMBLY PENDLETON	1.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 3/17/21

Section: 0007 - DEMOBILIZATION & OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1580	02568		MOBILIZATION	1.00	LS		\$	
1590	02569		DEMOBILIZATION	1.00	LS		\$	

COUNTY OF	ITEM NO.	SHEET NO.
PENDLETON	06-8706.00	R2F

PENDLETON COUNTY GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	US 27 STA.133+75	KY 177	NEW LOCK RD. CONN.	KY 3162	BOSS DUNAWAY RD.	US 27 DIVERSION	KY 3162 DIVERSION	ENTRANCES						TOTALS
78	CRUSHED AGGREGATE SIZE NO. 2	TON	3													3
1000	PERFORATED PIPE-4 IN	LF	850													850
1010	NON-PERFORATED PIPE-4 IN	LF	75													75
1024	PERF PIPE HEADWALL TY 2-4 IN	EACH	3													3
1982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	EACH	28					10								38
1990	DELINEATOR FOR BARRIER WALL-B/W	EACH						5								5
2014	BARRICADE-TYPE III	EACH			2		2	2	2							8
2091	REMOVE PAVEMENT	SOYD	463		528		1271									2262
2159	TEMP DITCH	LF	1741													1741
2160	CLEAN TEMPORARY DITCH	LF	871													871
2200	ROADWAY EXCAVATION	CUYD	54000													54000
2223	GRANULAR EMBANKMENT	CUYD	2873													2873
2242	WATER	MGAL	146													146
2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	2					1								3
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	1					3								4
2381	REMOVE GUARDRAIL	LF	1062.5													1062.5
2397	TEMP GUARDRAIL	LF						912.5								912.5
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	16	2		5	1									24
2432	WITNESS POST	EACH	16	2		5	1									24
2483	CHANNEL LINING CLASS II	TON	137				453									693
2545	CLEARING AND GRUBBING	LS	1													1
2562	TEMPORARY SIGNS	SQFT	629.5													629.5
2568	MOBILIZATION	LS	1													1
2569	DEMOBILIZATION	LS	1													1
2607	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	SOYD	641	40	271	150	150									1252
2650	MAINTAIN & CONTROL TRAFFIC	LS	1													1
2651	DIVERSIONS (BY-PASS DETOURS) (US 27 DIVERSION)	LS						1								1
2651	DIVERSIONS (BY-PASS DETOURS) (KY 3162 DIVERSION)	LS														1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2													2
2676	MOBILIZATION FOR MILL & TEXT	LS	1													1
2677	ASPHALT PAVE MILLING & TEXTURING	TON	104		2	1.5	3									111
2697	EDGE LINE RUMBLE STRIPS	LF	5477													5477
2701	TEMP SILT FENCE	LF	1741													1741
2703	SILT TRAP TYPE A	EACH	14													14
2704	SILT TRAP TYPE B	EACH	14													14
2705	SILT TRAP TYPE C	EACH	14													14
2706	CLEAN SILT TRAP TYPE A	EACH	14													14
2707	CLEAN SILT TRAP TYPE B	EACH	14													14
2708	CLEAN SILT TRAP TYPE C	EACH	14													14
2726	STAKING	LS	1													1
5950	EROSION CONTROL BLANKET	SOYD	989		271	240	80			603						2533
5952	TEMP MULCH	SOYD	43988													43988
5953	TEMP SEEDING AND PROTECTION	SOYD	32991													32991
5963	INITIAL FERTILIZER	TON	0.6													0.6
5964	MAINTENANCE FERTILIZER	TON	3.1													3.1
5985	SEEDING AND PROTECTION	SOYD	12014													12014
5989	SPECIAL SEEDING CROWN VETCH	SOYD	39102													39102
5990	SODDING	SOYD	5700													5700
5992	AGRICULTURAL LIMESTONE	TON	7.0													7.0
6510	PAVE STRIPING-TEMP PAINT-4 IN	LF	13929	530		2337	283	5080	3382							25541
6514	PAVE STRIPING-PERM PAINT-4 IN	LF			176		283									459
6542	PAVE STRIPING-THERMO-6 IN W	LF	6517			1129										7646
6543	PAVE STRIPING-THERMO-6 IN Y	LF	6678			1208										7886
6556	PAVE STRIPING-DUR TY 1-6 IN W	LF	500	222												722
6557	PAVE STRIPING-DUR TY 1-6 IN Y	LF	140	308												448

NOTES:

EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER.

- ① TOTAL INCLUDES 2684 CUYD FOR EMBANKMENT BENCHING
- ② FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY
- ③ GUARDRAIL REMOVED SHALL BE TRANSPORTED TO THE BAILY BRIDGE LOT @ 1224 WILKINSON BLVD. IN FRANKFORT, KENTUCKY. PAYMENT SHALL BE INCIDENTAL TO BID ITEM 2381 (REMOVE GUARDRAIL)
- ④ 103 TONS FROM PIPE SUMMARY
- ⑤ APPROXIMATELY 14 ACRES
- ⑥ SEE SHEET R34 FOR CONSTRUCTION SIGN TABLE
- ⑦ FOR WRAPPING PIPE TRENCH BACKFILL
- ⑧ MILLINGS SHALL BECOME THE PROPERTY OF THE CONTRACTOR
- ⑨ 2178 SOYD FOR DITCH LINING
350 SOYD FROM PIPE SUMMARY
- ⑩ FOR USE ON RESIDENTIAL LOTS AND/OR AS DIRECTED BY THE ENGINEER

EARTHWORK CALCULATIONS: (PENDLETON COUNTY)
EMBANKMENT:
8537 CU.YD. EMB. TOTAL
EXCAVATION:
51316 CU. YD COMMON EXCAVATION 2684 CU. YD TOTAL BENCH 54000 CU. YD TOTAL EXC. 45463 CU. YD EXC. AVAILABLE

THE EARTHWORK SHOWN ABOVE IS FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
PENDLETON	06-8706.00	R2F

PENDLETON COUNTY GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	US 27 STA.133+75	KY 177	NEW LOCK RD. CONN.	KY 3162	BOSS DUNAWAY RD.	US 27 DIVERSION	KY 3162 DIVERSION	ENTRANCES					TOTALS
78	CRUSHED AGGREGATE SIZE NO. 2	TON	3												3
1000	PERFORATED PIPE-4 IN	LF	850												850
1010	NON-PERFORATED PIPE-4 IN	LF	75												75
1024	PERF. PIPE HEADWALL TY 2-4 IN	EACH	3												3
1982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	EACH	28					10							38
1990	DELINEATOR FOR BARRIER WALL-B/W	EACH						5							5
2014	BARRICADE-TYPE III	EACH			2		2	2	2						8
2091	REMOVE PAVEMENT	SOYD	463		528		1271								2262
2159	TEMP. DITCH	LF	1741												1741
2160	CLEAN TEMPORARY DITCH	LF	871												871
2200	ROADWAY EXCAVATION	CUYD	54000												54000
2223	GRANULAR EMBANKMENT	CUYD	2873												2873
2242	WATER	MGAL	146												146
2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	2					1							3
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	1					3							4
2381	REMOVE GUARDRAIL	LF	1062.5												1062.5
2397	TEMP GUARDRAIL	LF						912.5							912.5
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	16	2		5	1								24
2432	WITNESS POST	EACH	16	2		5	1								24
2483	CHANNEL LINING CLASS II	TON	137				453								693
2545	CLEARING AND GRUBBING	LS	1												1
2562	TEMPORARY SIGNS	SQFT	629.5												629.5
2568	MOBILIZATION	LS	1												1
2569	DEMOBILIZATION	LS	1												1
2607	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	SOYD	641	40	271	150	150								1252
2650	MAINTAIN & CONTROL TRAFFIC	LS	1												1
2651	DIVERSIONS (BY-PASS DETOURS) (US 27 DIVERSION)	LS						1							1
2651	DIVERSIONS (BY-PASS DETOURS) (KY 3162 DIVERSION)	LS							1						1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2												2
2676	MOBILIZATION FOR MILL & TEXT	LS	1												1
2677	ASPHALT PAVE MILLING & TEXTURING	TON	104		2	1.5	3								111
2681	EDGE OF THE RUMBLE STRIPS	LF	5477												5477
2701	TEMP SILT FENCE	LF	1741												1741
2703	SILT TRAP TYPE A	EACH	14												14
2704	SILT TRAP TYPE B	EACH	14												14
2705	SILT TRAP TYPE C	EACH	14												14
2706	CLEAN SILT TRAP TYPE A	EACH	14												14
2707	CLEAN SILT TRAP TYPE B	EACH	14												14
2708	CLEAN SILT TRAP TYPE C	EACH	14												14
2726	STAKING	LS	1												1
5950	EROSION CONTROL BLANKET	SOYD	989		271	240	80			603					2533
5952	TEMP MULCH	SOYD	43988												43988
5953	TEMP SEEDING AND PROTECTION	SOYD	32991												32991
5963	INITIAL FERTILIZER	TON	0.6												0.6
5964	MAINTENANCE FERTILIZER	TON	3.1												3.1
5985	SEEDING AND PROTECTION	SOYD	12014												12014
5989	SPECIAL SEEDING CROWN VETCH	SOYD	39102												39102
5990	SODDING	SOYD	5700												5700
5992	AGRICULTURAL LIMESTONE	TON	7.0												7.0
6510	PAVE STRIPING-TEMP PAINT-4 IN	LF	13929	530		2337	283	5080	3382						25541
6514	PAVE STRIPING-PERM PAINT-4 IN	LF			176		283								459
6542	PAVE STRIPING-THERMO-6 IN W	LF	6517			1129									7646
6543	PAVE STRIPING-THERMO-6 IN Y	LF	6678			1208									7886
6556	PAVE STRIPING-DUR TY 1-6 IN W	LF	500	222											722
6557	PAVE STRIPING-DUR TY 1-6 IN Y	LF	140	308											448

NOTES:

EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER.

- ① TOTAL INCLUDES 2684 CU.YD FOR EMBANKMENT BENCHING
- ② FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY
- ③ GUARDRAIL REMOVED SHALL BE TRANSPORTED TO THE BAILY BRIDGE LOT @ 1224 WILKINSON BLVD. IN FRANKFORT, KENTUCKY. PAYMENT SHALL BE INCIDENTAL TO BID ITEM 2381 (REMOVE GUARDRAIL)
- ④ 103 TONS FROM PIPE SUMMARY
- ⑤ APPROXIMATELY 14 ACRES
- ⑥ SEE SHEET R34 FOR CONSTRUCTION SIGN TABLE
- ⑦ FOR WRAPPING PIPE TRENCH BACKFILL
- ⑧ MILLINGS SHALL BECOME THE PROPERTY OF THE CONTRACTOR
- ⑨ 2178 SOYD FOR DITCH LINING
350 SOYD FROM PIPE SUMMARY
- ⑩ FOR USE ON RESIDENTIAL LOTS AND/OR AS DIRECTED BY THE ENGINEER

EARTHWORK CALCULATIONS: (PENDLETON COUNTY)
EMBANKMENT:
8537 CU.YD. EMB. TOTAL
EXCAVATION:
51316 CU. YD COMMON EXCAVATION
2684 CU. YD TOTAL BENCH
54000 CU. YD TOTAL EXC.
45463 CU. YD EXC. AVAILABLE

THE EARTHWORK SHOWN ABOVE IS FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

GENERAL SUMMARY

COUNTY OF			ITEM NO.	SHEET NO.
CAMPBELL			06-8706.00	R2H

NOTES:

EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER.

①

FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY

②

GUARDRAIL REMOVED SHALL BE TRANSPORTED TO THE BAILY BRIDGE LOT @ 1224 WILKINSON BLVD. IN FRANKFORT, KENTUCKY. PAYMENT SHALL BE INCIDENTAL TO BID ITEM 2381 (REMOVE GUARDRAIL)

③

10 TONS FROM PIPE SUMMARY

④

APPROXIMATELY 4 ACRES

⑤

SEE SHEET R36 FOR CONSTRUCTION SIGN TABLE

⑥

FOR WRAPPING PIPE TRENCH BACKFILL

⑦

MILLINGS SHALL BECOME THE PROPERTY OF THE CONTRACTOR

⑧

912 SOYD FOR DITCH LINING

EARTHWORK CALCULATIONS: (CAMPBELL COUNTY)

EMBANKMENT:

2458 EMB. TOTAL

EXCAVATION:

9060 CU. YD TOTAL EXCAVATION

6602 CU. YD EXC. AVAILABLE

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	US 27 STA.292+00	FAIRLANE RD. STA.308+00	PLUM CREEK RD.	PARCEL #76 ENT.								TOTALS
1982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	EACH	6											6
2014	BARRICADE-TYPE III	EACH		2	3									5
2091	REMOVE PAVEMENT	SOYD		829	466									1295
2159	TEMP DITCH	LF	835											835
2160	CLEAN TEMPORARY DITCH	LF	418											418
2200	ROADWAY EXCAVATION	CUYD	9060											9060
2242	WATER	MGAL	64											64
2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	3											3
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	1											1
2381	REMOVE GUARDRAIL	LF	400											400
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	8											8
2432	WITNESS POST	EACH	8											8
2483	CHANNEL LINING CLASS II	TON			42									52
2545	CLEARING AND GRUBBING	LS	1											1
2562	TEMPORARY SIGNS	SOFT	542											542
2568	MOBILIZATION	LS	1											1
2569	DEMOBILIZATION	LS	1											1
2607	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	SOYD	273		77	91								441
2650	MAINTAIN & CONTROL TRAFFIC	LS	1											1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2											2
2676	MOBILIZATION FOR MILL & TEXT	LS	1											1
2677	ASPHALT PAVE MILLING & TEXTURING	TON	67	0.5	1.5									69
2697	EDGELINE RUMBLE STRIPS	LF	3340											3340
2701	TEMP SILT FENCE	LF	835											835
2703	SILT TRAP TYPE A	EACH	5											5
2704	SILT TRAP TYPE B	EACH	5											5
2705	SILT TRAP TYPE C	EACH	5											5
2706	CLEAN SILT TRAP TYPE A	EACH	5											5
2707	CLEAN SILT TRAP TYPE B	EACH	5											5
2708	CLEAN SILT TRAP TYPE C	EACH	5											5
2726	STAKING	LS	1											1
5950	EROSION CONTROL BLANKET	SOYD	912											912
5952	TEMP MULCH	SOYD	14342											14342
5953	TEMP SEEDING AND PROTECTION	SOYD	10757											10757
5963	INITIAL FERTILIZER	TON	0.2											0.2
5964	MAINTENANCE FERTILIZER	TON	1											1.0
5985	SEEDING AND PROTECTION	SOYD	14545											14545
5989	SPECIAL SEEDING CROWN VETCH	SOYD	3400											3400
5992	AGRICULTURAL LIMESTONE	TON	9											9
6510	PAVE STRIPING-TEMP PAINT-4 IN	LF	9701		1809									11510
6514	PAVE STRIPING-PERM PAINT-4 IN	LF		3193	1809									5002
6542	PAVE STRIPING-THERMO-6 IN W	LF	3905											3905
6543	PAVE STRIPING-THERMO-6 IN Y	LF	5796											5796
6568	PAVE MARKING-THERMO STOP BAR-24IN	LF		32	32									64
6569	PAVE MARKING-THERMO CROSS-HATCH	SOFT	7371											7371
6574	PAVE MARKING-THERMO CURV ARROW	EACH	6											6
10020NS	FUEL ADJUSTMENT	DOLL	10574											10574
10030NS	ASPHALT ADJUSTMENT	DOLL	12249											12249
20071EC	JOINT ADHESIVE	LF	1670											1670
20191ED	OBJECT MARKER TY 3	EACH	1											1
20458ES403	CENTERLINE RUMBLE STRIPS	LF	1670											1670
21417ES717	PAVE MARK THERMO CONE CAP-SOLID YELLOW	SOFT	56											56
21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	LF	437.5											437.5
23274EN1F	TURF REINFORCEMENT MAT 1	SOYD		188	215	752								1155
24540	R/W MONUMENT TYPE 3	EACH	1	2	7	6								16

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	06-8706.00	R2H

CAMPBELL COUNTY GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	US 27 STA.292+00	FAIRLANE RD.	PLUM CREEK RD.	PARCEL #76 ENT.										TOTALS
1982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	EACH	6													6
2014	BARRICADE-TYPE III	EACH		2	3											5
2091	REMOVE PAVEMENT	SOYD		829	466											1295
2159	TEMP DITCH	LF	835													835
2160	CLEAN TEMPORARY DITCH	LF	418													418
2200	ROADWAY EXCAVATION	CUYD	9060													9060
2242	WATER	MGAL	64													64
2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	3													3
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	1													1
2381	REMOVE GUARDRAIL	LF	400													400
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	8													8
2432	WITNESS POST	EACH	8													8
2483	CHANNEL LINING CLASS II	TON			42											52
2545	CLEARING AND GRUBBING	LS	1													1
2562	TEMPORARY SIGNS	SOFT	542													542
2568	MOBILIZATION	LS	1													1
2569	DEMOBILIZATION	LS	1													1
2607	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	SOYD	273		77	91										441
2650	MAINTAIN & CONTROL TRAFFIC	LS	1													1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2													2
2676	MOBILIZATION FOR MILL & TEXT	LS	1													1
2677	ASPHALT PAVE MILLING & TEXTURING	TON	67	0.5	1.5											69
2697	EDGE LINE RUMBLE STRIPS	LF	3340													3340
2701	TEMP SILT FENCE	LF	835													835
2703	SILT TRAP TYPE A	EACH	5													5
2704	SILT TRAP TYPE B	EACH	5													5
2705	SILT TRAP TYPE C	EACH	5													5
2706	CLEAN SILT TRAP TYPE A	EACH	5													5
2707	CLEAN SILT TRAP TYPE B	EACH	5													5
2708	CLEAN SILT TRAP TYPE C	EACH	5													5
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5964	MAINTENANCE FERTILIZER	TON	1													1.0
5985	SEEDING AND PROTECTION	SOYD	14545													14545
5989	SPECIAL SEEDING CROWN VETCH	SOYD	3400													3400
5992	AGRICULTURAL LIMESTONE	TON	9													9
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23274EN1F	TURF REINFORCEMENT MAT 1	SOYD		188	215	752										1155
24540	R/W MONUMENT TYPE 3	EACH	1	2	7	6										16

NOTES:

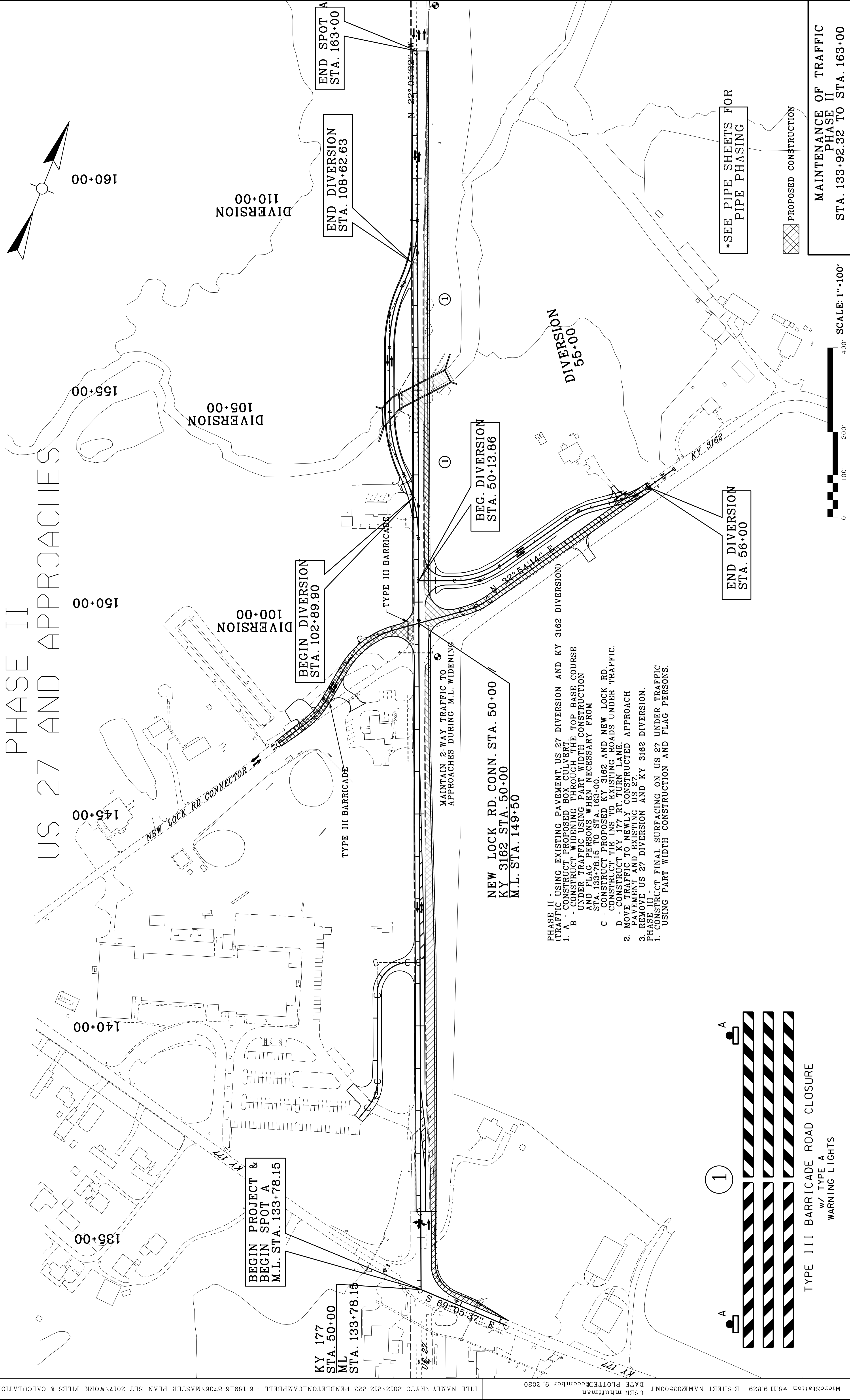
EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER.

- ① FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY
- ② GUARDRAIL REMOVED SHALL BE TRANSPORTED TO THE BAILY BRIDGE LOT @ 1224 WILKINSON BLVD. IN FRANKFORT, KENTUCKY. PAYMENT SHALL BE INCIDENTAL TO BID ITEM 2381 (REMOVE GUARDRAIL)
- ③ 10 TONS FROM PIPE SUMMARY
- ④ APPROXIMATELY 4 ACRES
- ⑤ SEE SHEET R36 FOR CONSTRUCTION SIGN TABLE
- ⑥ FOR WRAPPING PIPE TRENCH BACKFILL
- ⑦ MILLINGS SHALL BECOME THE PROPERTY OF THE CONTRACTOR
- ⑧ 912 SOYD FOR DITCH LINING

EARTHWORK CALCULATIONS: (CAMPBELL COUNTY)
EMBANKMENT:
2458 EMB. TOTAL
EXCAVATION:
9060 CU. YD TOTAL EXCAVATION
6602 CU. YD EXC. AVAILABLE

MAINTENANCE OF TRAFFIC
PHASE II
US 27 AND APPROACHES

COUNTY OF	ITEM NO.	SHEET NO.
PENDLETON 06-8706.00		R35



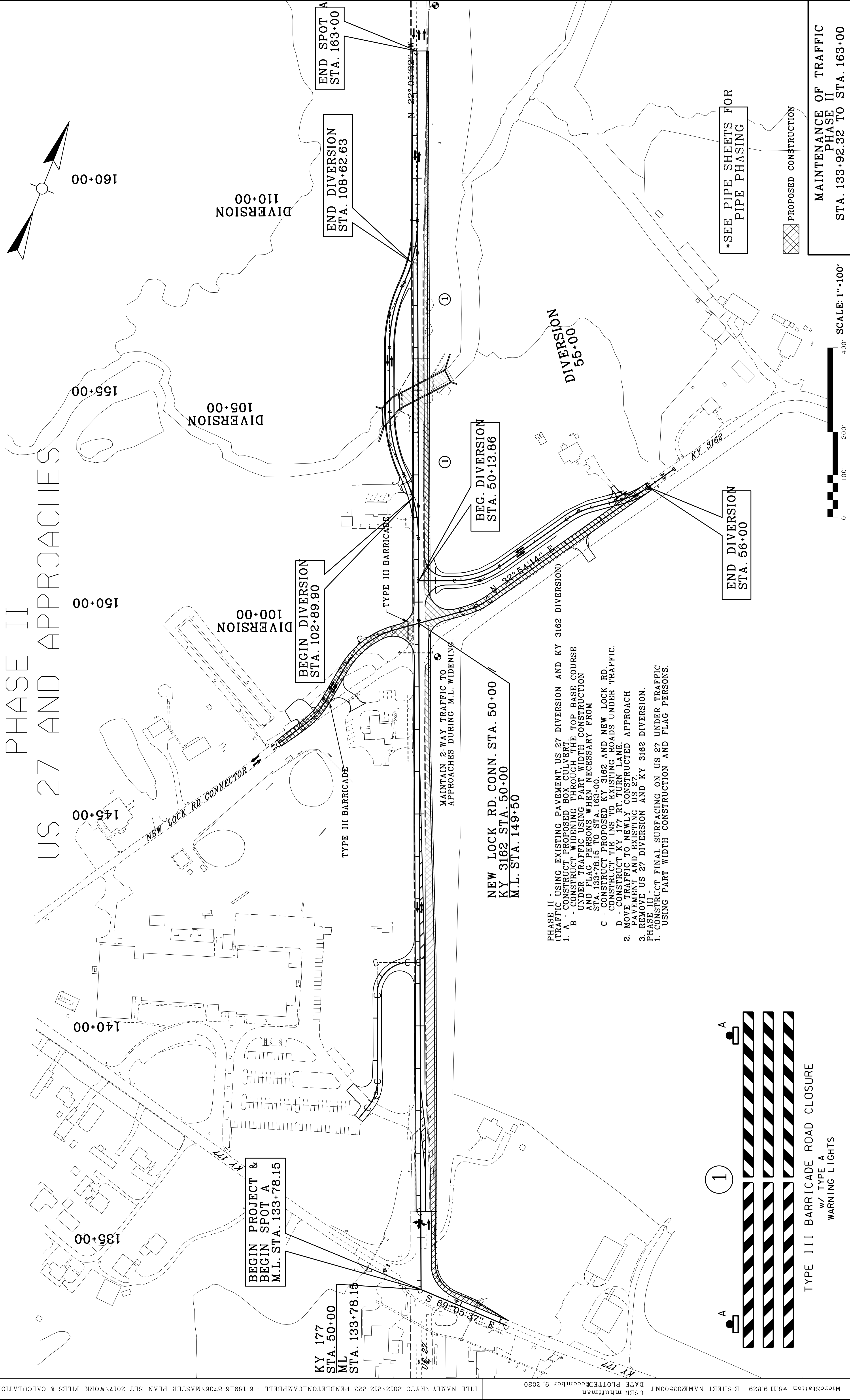
- PHASE II -
(TRAFFIC USING EXISTING PAVEMENT US 27 DIVERSION AND KY 3162 DIVERSION)
1. CONSTRUCT PROPOSED BOX CULVERT.
2. CONSTRUCT WIDENING THROUGH THE TOP BASE COURSE UNDER TRAFFIC USING PART WIDTH CONSTRUCTION AND FLAG PERSONS WHEN NECESSARY FROM STA 133+78.15 TO STA 163+00.
3. CONSTRUCT PROPOSED KY 3162 AND NEW LOCK RD. CONSTRUCT TIE INS TO EXISTING ROADS UNDER TRAFFIC.
4. CONSTRUCT KY 177 RT. TURN LANE.
5. MOVE TRAFFIC TO NEWLY CONSTRUCTED APPROACH PAVEMENT AND EXISTING US 27.
6. REMOVE US 27 DIVERSION AND KY 3162 DIVERSION.
PHASE III -
1. CONSTRUCT FINAL SURFACING ON US 27 UNDER TRAFFIC USING PART WIDTH CONSTRUCTION AND FLAG PERSONS.

*SEE PIPE SHEETS FOR
PIPE PHASING

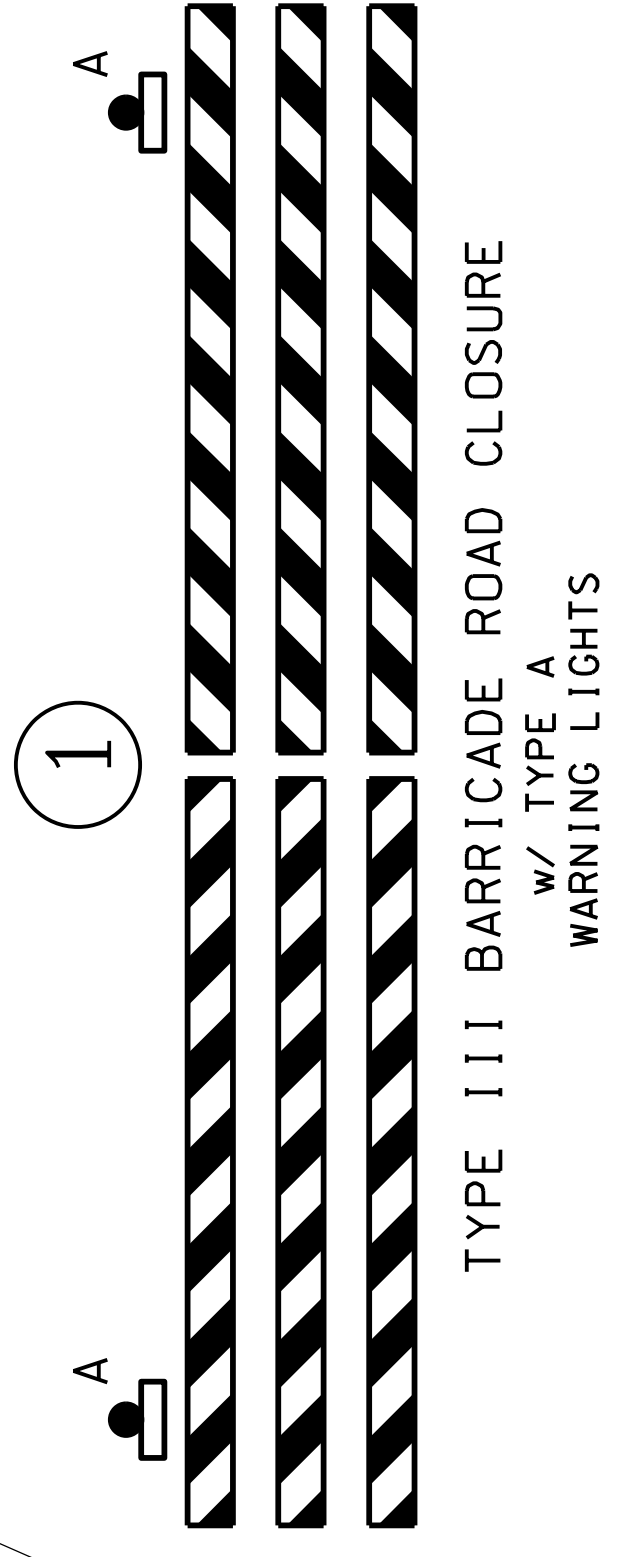
MAINTENANCE OF TRAFFIC
PHASE II
STA. 133+92.32 TO STA. 163+00

MAINTENANCE OF TRAFFIC
PHASE II
US 27 AND APPROACHES

COUNTY OF	ITEM NO.	SHEET NO.
PENDLETON 06-8706.00		R35



- PHASE II -
(TRAFFIC USING EXISTING PAVEMENT US 27 DIVERSION AND KY 3162 DIVERSION)
1. A - CONSTRUCT PROPOSED BOX CULVERT.
B - CONSTRUCT WIDENING THROUGH THE TOP BASE COURSE
UNDER TRAFFIC USING PART WIDTH CONSTRUCTION
AND FLAG PERSONS WHEN NECESSARY FROM
STA 133+78.15 TO STA 163+00
C - CONSTRUCT PROPOSED KY 3162 AND NEW LOCK RD.
CONSTRUCT TIE INS TO EXISTING ROADS UNDER TRAFFIC.
D - CONSTRUCT KY 177 RT. TURN LANE.
2. MOVE TRAFFIC TO NEWLY CONSTRUCTED APPROACH
PAVEMENT AND EXISTING US 27.
3. REMOVE US 27 DIVERSION AND KY 3162 DIVERSION.
PHASE III -
1. CONSTRUCT FINAL SURFACING ON US 27 UNDER TRAFFIC
USING PART WIDTH CONSTRUCTION AND FLAG PERSONS.



*SEE PIPE SHEETS FOR
PIPE PHASING

PROPOSED CONSTRUCTION

MAINTENANCE OF TRAFFIC
PHASE II
STA. 133+92.32 TO STA. 163+00