



**Matthew G. Bevin**  
Governor

**COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET**

Frankfort, Kentucky 40622  
[www.transportation.ky.gov/](http://www.transportation.ky.gov/)

**Greg Thomas**  
Secretary

October 24, 2018

CALL NO. 105  
CONTRACT ID NO. 181234  
ADDENDUM # 2

Subject: CARTER COUNTY, STP BRZ 0903 (213)  
Letting October 26, 2018

- (1) Revised - General Utility Notes - Page 37 of 176
- (2) Revised - Proposal Bid Items - Pages 173-176 of 176
- (3) Revised - Plan Sheet - R2B

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



An Equal Opportunity Employer M/F/D

# **GENERAL UTILITY NOTES AND INSTRUCTIONS APPLICABLE TO ALL UTILITY WORK MADE A PART OF THE ROAD CONSTRUCTION CONTRACT**

The contractor should be aware the following utility notes and KYTC Utility Bid Item Descriptions shall supersede, replace and take precedence over any and all conflicting information that may be contained in utility owner supplied specifications contained in the contract, on plans supplied by the utility owner, or any utility owner specifications or information externally referenced in this contract.

Where information may have been omitted from these notes, bid item descriptions, utility owner supplied specifications or plans; the KYTC Standard Specifications for Road and Bridge Construction shall be referenced.

## **PROTECTION OF EXISTING UTILITIES**

The existing utilities shown on the plans are shown as best known at the time the plans were developed and are to be used as a guide only by the Contractor. The Contractor shall use all means at his disposal to accurately locate all existing utilities, whether shown on the plans or not, prior to excavation. The contractor shall protect these utilities during construction. Any damage to existing utilities during construction that are shown or not shown on the plans shall be repaired at the Contractor's expense.

## **PREQUALIFIED UTILITY CONTRACTORS**

Some utility owners may require contractors that perform relocation work on their respective facilities as a part of the road contract be prequalified or preapproved by the utility owner. Those utility owners with a prequalification or preapproval requirement are as follows:

**ConnHurst, LLC – Freddie Conn**  
**Opell Excavating – Steve Opell**  
**Southern Ohio Trenching – Mark Bamer**  
**NorthEast Excavating – Gene Wilburn**  
**G&W Construction – Darrell Alderman**  
**BearTraxx Inc. – Dwight Keeton**  
**Swartz Pipeline Contracting – Norman Swartz**  
**DS Underground Utilities - Danny Smith**  
**AGrade - Mary Belcher**

The bidding contractor needs to review the above list and choose from the list of approved subcontractors at the end of these general notes as identified above before bidding. When the list of approved

## PROPOSAL BID ITEMS

Report Date 10/24/18

### Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	5,232.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	161.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	19.00	TON		\$	
0040	00212		CL2 ASPH BASE 1.00D PG64-22 (REVISED: 10-24-18)	5,540.00	TON		\$	
0050	00301		CL2 ASPH SURF 0.38D PG64-22 (REVISED: 10-24-18)	932.00	TON		\$	
0060	00356		ASPHALT MATERIAL FOR TACK	12.00	TON		\$	
0070	02098		CEM CONC ENT PAVEMENT-4 IN	187.00	SQYD		\$	

### Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0080	00078		CRUSHED AGGREGATE SIZE NO 2	7,187.00	TON		\$	
0090	00190		LEVELING & WEDGING PG64-22	200.00	TON		\$	
0100	01000		PERFORATED PIPE-4 IN	67.50	LF		\$	
0110	01010		NON-PERFORATED PIPE-4 IN	20.00	LF		\$	
0120	01028		PERF PIPE HEADWALL TY 3-4 IN	2.00	EACH		\$	
0130	01825		ISLAND CURB AND GUTTER	200.00	LF		\$	
0140	02014		BARRICADE-TYPE III	4.00	EACH		\$	
0150	02159		TEMP DITCH	1,825.00	LF		\$	
0160	02160		CLEAN TEMP DITCH	912.50	LF		\$	
0170	02230		EMBANKMENT IN PLACE (REVISED: 10-17-18)	59,013.00	CUYD		\$	
0180	02242		WATER (FOR DUST CONTROL)	36.00	MGAL		\$	
0190	02351		GUARDRAIL-STEEL W BEAM-S FACE	2,087.50	LF		\$	
0200	02360		GUARDRAIL TERMINAL SECTION NO 1	3.00	EACH		\$	
0210	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	8.00	EACH		\$	
0220	02371		GUARDRAIL END TREATMENT TYPE 7	1.00	EACH		\$	
0230	02391		GUARDRAIL END TREATMENT TYPE 4A	5.00	EACH		\$	
0240	02429		RIGHT-OF-WAY MONUMENT TYPE 1	30.00	EACH		\$	
0250	02431		WITNESS R/W MONUMENT TYPE 2	9.00	EACH		\$	
0260	02432		WITNESS POST	31.00	EACH		\$	
0270	02483		CHANNEL LINING CLASS II	36.00	TON		\$	
0280	02484		CHANNEL LINING CLASS III	41.00	TON		\$	
0290	02545		CLEARING AND GRUBBING (APPROXIMATELY 18.4 ACRES)	1.00	LS		\$	
0300	02562		TEMPORARY SIGNS	510.00	SQFT		\$	
0310	02599		FABRIC-GEOTEXTILE TYPE IV	1,556.00	SQYD		\$	
0320	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	606.00	SQYD	\$2.00	\$	\$1,212.00
0330	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0340	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0350	02677		ASPHALT PAVE MILLING & TEXTURING	14.00	TON		\$	
0360	02697		EDGE LINE RUMBLE STRIPS	7,300.00	LF		\$	
0370	02701		TEMP SILT FENCE	1,825.00	LF		\$	

**PROPOSAL BID ITEMS**

Report Date 10/24/18

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0380	02703		SILT TRAP TYPE A	19.00	EACH		\$	
0390	02704		SILT TRAP TYPE B	19.00	EACH		\$	
0400	02705		SILT TRAP TYPE C	19.00	EACH		\$	
0410	02706		CLEAN SILT TRAP TYPE A	19.00	EACH		\$	
0420	02707		CLEAN SILT TRAP TYPE B	19.00	EACH		\$	
0430	02708		CLEAN SILT TRAP TYPE C	19.00	EACH		\$	
0440	02726		STAKING	1.00	LS		\$	
0450	02731		REMOVE STRUCTURE (STEEL TRUSS BRIDGE AT APPROX. STA. 214+74)	1.00	LS		\$	
0460	02731		REMOVE STRUCTURE (STEEL TRUSS BRIDGE AT APPROX. STA. 223+65)	1.00	LS		\$	
0470	05950		EROSION CONTROL BLANKET	5,206.00	SQYD		\$	
0480	05952		TEMP MULCH	59,202.00	SQYD		\$	
0490	05953		TEMP SEEDING AND PROTECTION	44,402.00	SQYD		\$	
0500	05963		INITIAL FERTILIZER	2.10	TON		\$	
0510	05964		20-10-10 FERTILIZER	3.50	TON		\$	
0520	05985		SEEDING AND PROTECTION	67,894.00	SQYD		\$	
0530	05992		AGRICULTURAL LIMESTONE	42.00	TON		\$	
0540	06510		PAVE STRIPING-TEMP PAINT-4 IN	28,400.00	LF		\$	
0550	06514		PAVE STRIPING-PERM PAINT-4 IN	14,200.00	LF		\$	
0560	06550		PAVE STRIPING-TEMP REM TAPE-W	800.00	LF		\$	
0570	06551		PAVE STRIPING-TEMP REM TAPE-Y	800.00	LF		\$	
0580	10020NS		FUEL ADJUSTMENT	36,455.00	DOLL	\$1.00	\$	\$36,455.00
0590	10030NS		ASPHALT ADJUSTMENT	25,291.00	DOLL	\$1.00	\$	\$25,291.00
0600	20209EP69		GRANULAR PILE CORE	2,307.00	CUYD		\$	
0610	23274EN11F		TURF REINFORCEMENT MAT 1	1,009.00	SQYD		\$	
0620	23276EN11F		TURF REINFORCEMENT MAT 3	218.00	SQYD		\$	
0630	24540		R/W MONUMENT TYPE 3	6.00	EACH		\$	
0640	24814EC		PIPELINE INSPECTION	148.00	LF		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0650	00440		ENTRANCE PIPE-15 IN	62.00	LF		\$	
0660	00454		ENTRANCE PIPE-30 IN EQUIV	52.00	LF		\$	
0670	00461		CULVERT PIPE-15 IN	3.00	LF		\$	
0680	00526		STORM SEWER PIPE-30 IN	148.00	LF		\$	
0690	01394		METAL END SECTION TY 3-30 IN	2.00	EACH		\$	
0700	01493		DROP BOX INLET TYPE 2	1.00	EACH		\$	
0710	01559		DROP BOX INLET TYPE 13G	1.00	EACH		\$	
0720	01691		FLUME INLET TYPE 2	2.00	EACH		\$	

**Section: 0004 - BRIDGE - STA. 214+ 50.00 - DWG. 26795**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0730	02223		GRANULAR EMBANKMENT	3,565.00	CUYD		\$	

**PROPOSAL BID ITEMS**

Report Date 10/24/18

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0740	02231		STRUCTURE GRANULAR BACKFILL	313.00	CUYD		\$	
0750	02599		FABRIC-GEOTEXTILE TYPE IV	2,591.00	SQYD		\$	
0760	02998		MASONRY COATING	2,027.00	SQYD		\$	
0770	03299		ARMORED EDGE FOR CONCRETE	91.00	LF		\$	
0780	08001		STRUCTURE EXCAVATION-COMMON	2,336.00	CUYD		\$	
0790	08018		RETAINING WALL ( #1)	281.00	SQFT		\$	
0800	08018		RETAINING WALL (#2)	9,528.00	SQFT		\$	
0810	08019		CYCLOPEAN STONE RIP RAP	4,951.00	TON		\$	
0820	08033		TEST PILES	136.00	LF		\$	
0830	08046		PILES-STEEL HP12X53	1,640.00	LF		\$	
0840	08094		PILE POINTS-12 IN	72.00	EACH		\$	
0850	08100		CONCRETE-CLASS A	319.40	CUYD		\$	
0860	08104		CONCRETE-CLASS AA	342.40	CUYD		\$	
0870	08150		STEEL REINFORCEMENT	59,824.00	LB		\$	
0880	08151		STEEL REINFORCEMENT-EPOXY COATED	101,986.00	LB		\$	
0890	08634		PRECAST PC I BEAM TYPE 4	1,079.00	LF		\$	
0900	21532ED		RAIL SYSTEM TYPE III	1,064.00	LF		\$	

**Section: 0005 - BRIDGE - STA. 223+ 86.00 - DWG. 26796**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0910	02231		STRUCTURE GRANULAR BACKFILL	212.00	CUYD		\$	
0920	02599		FABRIC-GEOTEXTILE TYPE IV	264.00	SQYD		\$	
0930	02998		MASONRY COATING	497.00	SQYD		\$	
0940	03299		ARMORED EDGE FOR CONCRETE	67.00	LF		\$	
0950	08001		STRUCTURE EXCAVATION-COMMON	308.00	CUYD		\$	
0960	08019		CYCLOPEAN STONE RIP RAP	3,750.00	TON		\$	
0970	08033		TEST PILES	223.00	LF		\$	
0980	08046		PILES-STEEL HP12X53	2,329.00	LF		\$	
0990	08094		PILE POINTS-12 IN	52.00	EACH		\$	
1000	08100		CONCRETE-CLASS A	227.10	CUYD		\$	
1010	08104		CONCRETE-CLASS AA	275.60	CUYD		\$	
1020	08150		STEEL REINFORCEMENT	47,572.00	LB		\$	
1030	08151		STEEL REINFORCEMENT-EPOXY COATED	78,794.00	LB		\$	
1040	08634		PRECAST PC I BEAM TYPE 4	887.00	LF		\$	
1050	21532ED		RAIL SYSTEM TYPE III	450.00	LF		\$	

**Section: 0006 - WATERLINE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1060	05953		TEMP SEEDING AND PROTECTION	13,893.00	SQYD		\$	
1070	14004		W DIRECTIONAL BORE (6-IN HDPE CL-200 W/ 12-IN DR11 HDPE CASING)	483.00	LF		\$	
1080	14007		W ENCASMENT STEEL BORED RANGE 2 (6-IN STEEL (SCH. 40) BORE & JACK CASING PIPE, W/ END SEALS, 6-IN X 2-IN PIPE SK	315.00	LF		\$	

**PROPOSAL BID ITEMS**

Report Date 10/24/18

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1090	14008		W ENCASEMENT STEEL BORED RANGE 3 (12-IN STEEL (SCH. 40) BORE & JACK CASING PIPE, W/END SEALS, 12-IN X 6-IN PIPE S	227.00	LF		\$	
1100	14019		W FIRE HYDRANT ASSEMBLY (W/ TEE, 6-IN GC/BOX (KENNEDY K81-D)	1.00	EACH		\$	
1110	14030		W METER RELOCATE (W/ 3/4-IN SERVICE TUBING)	6.00	EACH		\$	
1120	14056		W PIPE PVC 02 INCH (CL-200)	654.00	LF		\$	
1130	14059		W PIPE PVC 06 INCH (CL-200)	3,417.00	LF		\$	
1140	14060		W PIPE PVC 08 INCH (CL-200)	506.00	LF		\$	
1150	14091		W TIE-IN 02 INCH (W 2-IN X 2-IN TAPPING SLEEVE COMPLETE)	1.00	EACH		\$	
1160	14094		W TIE-IN 06 INCH (W/ 6-IN X 2-IN TAPPING SLEEVE COMPLETE)	1.00	EACH		\$	
1170	14094		W TIE-IN 06 INCH (W/ 6-IN X 6-IN TAPPING SLEEVE AND VALVE COMPLETE)	1.00	EACH		\$	
1180	14095		W TIE-IN 08 INCH (W/ 8-IN X 8-IN TAPPING SLEEVEAND VALVE COMPLETE)	2.00	EACH		\$	
1190	14102		W VALVE 02 INCH (W/ BOX/LID COMPLETE)	4.00	EACH		\$	
1200	14635		W LEAK DETECTION METER INST	3.00	EACH		\$	

**Section: 0007 - DEMOBILIZATION &/OR MOBILIZATION**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1210	02568		MOBILIZATION	1.00	LS		\$	
1220	02569		DEMOBILIZATION	1.00	LS		\$	



### GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	KY 773	TOTAL PROJECT
78	CRUSHED AGGREGATE SIZE NO 2 ① ② ③	TON	7187	7187
190	LEVELING & WEDGING PG64-22 ④	TON	200	200
1000	PERFORATED PIPE-4 IN	LF	67.5	67.5
1010	NON-PERFORATED PIPE-4 IN	LF	20	20
1028	PERF PIPE HEADWALL TY 3-4 IN	EACH	2	2
1825	ISLAND CURB AND GUTTER	LF	200	200
2014	BARRICADE-TYPE III	EACH	4	4
2159	TEMP DITCH	LF	1825	1825
2160	CLEAN TEMP DITCH	LF	912.5	912.5
2230	EMBANKMENT IN PLACE ⑤	CU YD	59013	59013
2242	WATER ⑥	M GAL	36	36
2351	GUARDRAIL-STEEL W BEAM-S FACE	LF	2087.50	2087.50
2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	3	3
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	8	8
2371	GUARDRAIL END TREATMENT TYPE 7	EACH	1	1
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	5	5
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	30	30
2431	WITNESS R/W MONUMENT TYPE 2	EACH	9	9
2432	WITNESS POST	EACH	31	31
2483	CHANNEL LINING CLASS II	TON	36	36
2484	CHANNEL LINING CLASS III	TON	41	41
2545	CLEARING AND GRUBBING ⑦ ⑧	LF	1	1
2562	TEMPORARY SIGNS	SO FT	510	510
2568	MOBILIZATION	LS	1	1
2569	DEMOBILIZATION	LS	1	1
2599	FABRIC GEOTECHNICAL TYPE IV ⑨	SY	1556	1556
2600	FABRIC GEOTECHNICAL TYPE IV FOR PIPE ⑩	SY	606	606
2650	MAINTAIN & CONTROL TRAFFIC	LS	1	1
2676	MOBILIZATION FOR MILLING & TEXTURING	LS	1	1
2677	ASPHALT PAVE MILLING & TEXTURING ⑪	TON	14	14
2697	EDGE LINE RUMBLE STRIPS	LF	7300	7300
2701	TEMP SILT FENCE	LF	1825	1825
2703	SILT TRAP TYPE A	EACH	19	19
2704	SILT TRAP TYPE B	EACH	19	19
2705	SILT TRAP TYPE C	EACH	19	19
2706	CLEAN SILT TRAP TYPE A	EACH	19	19
2707	CLEAN SILT TRAP TYPE B	EACH	19	19
2708	CLEAN SILT TRAP TYPE C	EACH	19	19
2726	STAKING	LS	1	1
2731	REMOVE STRUCTURE ⑫	LS	1	1
2731	REMOVE STRUCTURE ⑬	LS	1	1
5950	EROSION CONTROL BLANKET	SO YD	5206	5206
5952	TEMP MULCH	SO YD	59202	59202
5953	TEMP SEEDING AND PROTECTION	SO YD	44402	44402
5963	INITIAL FERTILIZER	TON	2.1	2.1
5964	FERTILIZER 20-10-10	TON	3.5	3.5
5985	SEEDING AND PROTECTION	SO YD	67894	67894
5992	AGRICULTURE LIMESTONE	TON	42	42
6514	PAVE STRIPING-PERM PAINT-4 IN	LF	14200	14200
6510	PAVE STRIPING-TEMP PAINT-4 IN	LF	28400	28400
6550	PAVE STRIPING-TEMP REM TAPE-W	LF	800	800
6551	PAVE STRIPING-TEMP REM TAPE-Y	LF	800	800
24540	RIGHT-OF-WAY MONUMENT TYPE 3	EACH	6	6
10020NS	FUEL ADJUSTMENT	DOLL	36455	36455
10030NS	ASPHALT ADJUSTMENT	DOLL	25291	25291
20209EP69	GRANULAR PILE CORE ⑭	CU YD	2307	2307
23274ENIIF	TURF REINFORCEMENT MAT 1	SO YD	1009	1009
23276ENIIF	TURF REINFORCEMENT MAT 3	SO YD	218	218
24814EC	PIPELINE INSPECTION	LF	148	148

- ① INCLUDES 427 TONS PER GROTECHNICAL NOTE NO 7.
- ② INCLUDES 6760 TONS PER GETECHNICAL NOTE NO 9.
- ③ INCLUDES 2 TONS FOR PERFORATED PIPE HEADWALLS.
- ④ INCLUDES 200 TONS AS DEEMED NECESSARY BY THE ENGINEER.
- ⑤ INCLUDES 7526 CUBIC YARDS FOR EMBANKMENT BENCHING.
- ⑥ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY.
- ⑦ NO TREE CLEARING IN JUNE OR JULY.
- ⑧ APPROXIMATELY 18.4 ACRES.
- ⑨ GEOTECHNICAL NOTE NO 9.
- ⑩ FOR WRAPPING PIPE TRENCH BACKFILL.
- ⑪ INCLUDES 14 TONS FOR EDGE KEY, BOTH TRANSVERSE AND LONGITUDINAL AS DEEMED BY THE ENGINEER.
- ⑫ REMOVE STEEL TRUSS BRIDGES APPROX. STA 214+74.
- ⑬ REMOVE STEEL TRUSS BRIDGES APPROX. STA 223+65.
- ⑭ GEOTECHNICAL NOTE NO 12.
- ⑮ QUANTITY IN CUBIC YARDS.

TOTAL EARTHWORK  
 51487 CU YDS EMBANKMENT  
 7526 CU YDS FOUNDATION BENCHING  
 59013 CU YDS TOTAL EMBANKMENT  
 21706 CU YDS TOTAL COMMON

NOTE:  
 THE CONTRACTOR IS ADVISED THAT THE EARTHWORK CALCULATIONS SHOWN ARE FOR DESIGN AND INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

#### NOTES

ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

⑯ ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.

⑰ INCLUDES 200 TONS FOR MAINTENANCE OF TRAFFIC.

### PAVING AREAS

COUNTY OF	ITEM NO.	SHEET NO.
CARTER	9-8506.00	R2b

ITEM	MAINLINE	APPROACH	ENTRANCE	S Q U A R E Y A R D S			TOTAL PROJECT
1/4" CL2 ASPHALT SURFACE 0.38D PG64-22	11873	792	891			13556	
2" CL2 ASPHALT BASE 1.00D PG64-22			903			903	
3" CL2 ASPHALT BASE 1.00D PG64-22		801				801	
4" CL2 ASPHALT BASE 1.00D PG64-22	11946					11946	
4" CL2 ASPHALT BASE 1.00D PG64-22	12181					12181	
4" CRUSHED STONE BASE	9776		921			10697	
8" CRUSHED STONE BASE		823				823	
VARIABLE DEPTH CSB ⑮	1059					1059	
ASPHALT SEAL AGGREGATE	2153					2153	
ASPHALT SEAL COAT	2153					2153	

### PAVING SUMMARY

ITEM CODE	ITEM	UNIT	TOTAL PROJECT
3	CRUSHED STONE BASE ⑮	TON	5232
100	ASPHALT SEAL AGGREGATE	TON	161
103	ASPHALT SEAL COAT	TON	19
212	CLASS 2 ASPHALT BASE 1.00D PG64-22	TON	5540
301	CLASS 2 ASPHALT SURFACE 0.38D PG64-22	TON	932
306	ASPHALT MATERIAL FOR TACK	TON	12
2098	CEMENT CONCRETE ENTRANCE PAVEMENT 4"	SO YD	187

### PIPE DRAINAGE SUMMARY

SHEET NO.	ITEM CODE	LINEAR FEET					REMARKS		
		ENTRANCE PIPE 15"	ENTRANCE PIPE 30" EQUIV	CULVERT PIPE 15"	STORM SEWER PIPE 30"	METAL END SECTION TYPE 3-30"			
	440	454	461	526	1394	1493	1559	1691	
<b>UNIT TO BID</b>									
R3	KY 773								
R3	210+50	0'	M	12.1					
R5	LITTLE RIVER ROAD								
R7	50+79	15'	M	2.8					
	ENTRANCE								
	ENTRANCE								
<b>TOTAL PROJECT</b>									
		62		52	52	3	148	2	2