

Matthew G. Bevin Governor

COMMONWEALTH OF KENTUCKY TRANSPORTATION CABINET

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

October 24, 2018

Greg ThomasSecretary

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 $\frac{\text{http://transportation.ky.gov/Construction-Procurement/.}}{\text{Procurement/.}}$

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

Sincerely,

Rachel Mills, P.E.

Director

Division of Construction Procurement

Kachel Mille

RM:mr

Enclosures



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

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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
0800	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		\$	
140	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		\$	
190	02351	GUARDRAIL-STEEL W BEAM-S FACE	2,087.50	LF		\$	
200	02360	GUARDRAIL TERMINAL SECTION NO 1	3.00	EACH		\$	
)210	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	8.00	EACH		\$	
220	02371	GUARDRAIL END TREATMENT TYPE 7	1.00	EACH		\$	
230	02391	GUARDRAIL END TREATMENT TYPE 4A	5.00	EACH		\$	
240	02429	RIGHT-OF-WAY MONUMENT TYPE 1	30.00	EACH		\$	
250	02431	WITNESS R/W MONUMENT TYPE 2	9.00	EACH		\$	
260	02432	WITNESS POST	31.00	EACH		\$	
270	02483	CHANNEL LINING CLASS II	36.00	TON		\$	
280	02484	CHANNEL LINING CLASS III	41.00	TON		\$	
0290	02545	CLEARING AND GRUBBING (APPROXIMATELY 18.4 ACRES)	1.00	LS		\$	
300	02562	TEMPORARY SIGNS	510.00	SQFT		\$	
310	02599	FABRIC-GEOTEXTILE TYPE IV	1,556.00	SQYD		\$	
320	02600	FABRIC GEOTEXTILE TY IV FOR PIPE	606.00	SQYD	\$2.00	\$	\$1,212.00
330	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
340	02676	MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
350	02677	ASPHALT PAVE MILLING & TEXTURING	14.00	TON		\$	
360	02697	EDGELINE RUMBLE STRIPS	7,300.00	LF		\$	
370	02701	TEMP SILT FENCE	1,825.00	LF		\$	

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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 DE	SCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP /	AMOUNT
0730	02223	GR	ANULAR EMBANKMENT	3,565.00	CUYD		\$	

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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 ENCASEMENT 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		\$	

CARTER COUNTY STP BRZ 0903 (213) 181234

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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	UNI	Т	UNIT PRIC	FP	AMOUNT
1210	02568		MOBILIZATION	1.00		LS		\$	
1220	02569		DEMOBILIZATION	1.00		LS		\$	

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рси						② INCLUDES 6760 TONS PER GETECHNICAL NOTE NO
nsaoa	H	DESCRIPTION	TINI	://	JAT Dal	
X/B008	<u>.</u>			KA	OT OЯЧ	
AWGAG	, r		TO H	LOIC	101	(5) INCLUDES 7526 CUBIC YARDS FOR EMBANKMENT BENCHING.
)A/T;	061	& WEDGING PG64-22 (4)	NO L	200	200	6 FOR CONTROLLING DUST CAUSED
BS N	1000	ED PIPE-4 IN	F	67.5	67.5	
∀7d	1010	NON-PERFORATED PIPE-4 IN	-F	20	20	
TJA	1028	PERF PIPE HEADWALL TY 3-4 IN	ЕАСН	2	2	
ЯТИ	1825	ISLAND CURB AND GUTTER	LF	200	200	⑤ GEOTECHNICAL NOTE NO 9.
/C0	2014	BARRICADE-TYPE III	ЕАСН	4	4	(iii) FOR WRAPPING PIPE TRENCH BACKFILL.
1 4 S0	2159	ITCH	LF	1825	1825	(I) INCLUDES 14 TONS FOR EDGE KEY, BOTH TRANSVER
40A	2160		LF	912.5	912.5	
4 ON	2230	KMENT IN PLACE	CU YD	59013	59013	(2) REMOVE STEEL TRUSS BRIDGES APPROX.
1A 2	2242	:	M GAL	36	36	
N∀7c	2351	GUARDRAIL-STEEL W BEAM-S FACE	7 LF	2087.50	2087.50	(3) REMOVE STEL TRUSS BRIDGES APPROX. STA 223+65.
T 10	2363	CUARDRAIL CONNECTOR TO RRIDGE FND TY A	FACH	n &	n «	(4) GEOTECHNICAL NOTE NO 12.
AATI	2371	-	EACH) –	-	(IS) QUANTITY IN CUBIC YARDS.
/сои	2391		EACH	. 2	. 2	TOTAL EARTHWORK
.00*	2429	VAY MONUMENT TY	EACH	30	30	51487 CU YDS EMBANKMENT
9058	2431	WITNESS R/W MONUMENT TYPE 2	ЕАСН	6	6	7526 CU 7DS FUUNDALIUN BENCHING 59013 CU 7DS TOTAL EMBANKMENT
-6 S	2432	WITNESS POST	EACH	31	31	CH YPS TOTAL
Ν∀٦«	2483	CHANNEL LINING CLASS II	NOL	36	36	
d 1∀	2484	□	NOL	41	41	THE CONTRACTOR IS ADVISED THAT
/E]N'	2545		LF 72	- 3	- 8	THE EARTHWORK CALCULATIONS SHOWN ARE FOR DESIGN AND INFORMATION
/ETT	2562	I EMPURARY SIGNS	- 0S	010	015	ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE
/KJ	8957	MUSICIZATION DEMORITIZATION	2 2	- -	- -	RESPONSIBILITY OF THE CONTRACTOR.
ΥAW	2599	FABRIC GEOTECHNICAL TYPE IV (9)	SY	1556	1556	NOTES
нісн	2600	GEOTECHNICAL TYPE IV FOR PIPE	S. S	909	909	ALL ASPHALT MIXTHRFS SHALL RF
ı/:a	2650	IN & CONTROL TRAFFIC	ΓS	-	-	ESTIMATED AT 110 LBS. PER SQ. YD.
:aw	2676	MOBILIZATION FOR MILLING & TEXTURING	۲S	-	-	PER INCH OF DEPTH, UNLESS NOTED
AN 3	2677	ASPHALT PAVE MILLING & TEXTURING (I)	NOT	14	14	O I HERWISE.
EIF	2697	EDGELINE RUMBLE STRIPS	LF.	7300	7300	(B) ESTIMATED AT 115 I BS PER SO
	2701	SILT FENCE	LF	1825	1825	YD. PER INCH OF DEPTH.
	2703	IRAP IYPE	EACH	61	<u>5</u>	(7) INCLLIDES 200 TONS FOR MAINTENANCE
	2704	SILI TRAP TYPE B	EACH	<u>6</u>	<u>5</u>	OF TRAFFIC.
810	2706	10	EACH	61	5 6	⊩
4° S	2707		EACH	61	61	AET.
عد 2	2708	SILT TRAP TYPE	EACH	61	19	3H 3
dot	2726		S٦	-	1	SKEW PP
o0 :	2731	STRUCTURE	LS	-	-	21CV
LIED ewλ	2731	REMOVE STRUCTURE (3)	LS	- 00	- 6	30
bF0.	5950	TEMP MILICH	So YD	59202	59202	ITEM CODE
A32L 3TA(5953	TEMP SEEDING AND PROTECTION	SQ YD	44402	44402	
ו ו	5963		NOT	2.1	2.1	ONIT TO BID
	5964	ZER 2	NOT	3.5	3.5	KY 773
	5985		SQ YD	67894	67894	R3 210+50 0° M 12.1
:3M	5992	AGRICULIURE LIMESIONE	NO -	42	42	R3
IΦN .	6514	PAVE SIKIPING-PEKM PAINI-4 IN	<u>-</u>	14200	14200	K5
133н	6550	PAVE STRIPING-TEMP PAIN -4 IN	<u>.</u>	800	28400	R7 50+79 15° M 2 B
S-3	6551	STRIPING-TEMP REM	. 4	800	800	
Ş	24540	RIGHT-OF-WAY MONUMENT TYPE 3	EACH	9	9	ENTRANCE
E Þ Þ . 7	10020NS		DOLL	36455	36455	ENTRANCE
. "11"8	10030NS	ASPHALT ADJUSTMENT	DOLL	25291	25291	TOTAL PROJECT
}^ uo	20209EP69	GRANULAR PILE CORE (4)	CU YD	2307	2307	
)I†D†	23274ENIIF	TURE REINFORCEMENT MAT 1	SO YD	1009	1009	
2010	24814EC	ī	LF	148	148	
ΣΪΜ	i i		ì	- -		

① INCLUDES 427 TONS PER GROTECHNICAL NOTE NO 7.

SHEET NO.

R2b

9-8506.00 ITEM NO.

CARTER COUNTY OF

PAVING AREAS

NS FOR PERFORATED PIPE HEADWALLS. TONS PER GETECHNICAL NOTE NO 9.

CUBIC YARDS FOR EMBANKMENT

ONS FOR EDGE KEY, BOTH TRANSVERSE NAL AS DEEMED BY THE ENGINEER.

NOTES

1/4* CL2 ASPHALT SURFACE O.38D PG64-22 IIR33 792 891 13556 2* CL2 ASPHALT BASE I.00D PG64-22 801 801 801 3* CL2 ASPHALT BASE I.00D PG64-22 801 801 801 4* CL2 ASPHALT BASE I.00D PG64-22 11946 12181 11946 4* CL2 ASPHALT BASE I.00D PG64-22 12181 12181 12181 4* CL2 ASPHALT BASE I.00D PG64-22 12181 12181 12181 4* CRUSHED STONE BASE 9276 921 10697 8* CRUSHED STONE BASE (5) 1059 1059 ASPHALT SEAL AGGREGATE 2153 2153 ASPHALT SEAL COAT 2153 2153	. <i>v</i> i	ITEM	MAINLINE	РР РО≜СН	ENTRANCE	TOTAL TOBLORY
1/4° CL2 ASPHALT SURFACE 0.38D PG64-22 11873 792 891 2° CL2 ASPHALT BASE 1.00D PG64-22 801 903 3° CL2 ASPHALT BASE 1.00D PG64-22 11946 901 4° CL2 ASPHALT BASE 1.00D PG64-22 11946 921 4° CL2 ASPHALT BASE 1.00D PG64-22 12181 921 4° CL2 ASPHALT BASE 1.00D PG64-22 921 921 4° CL2 ASPHALT BASE 1.00D PG64-22 921 921 8° CRUSHED STONE BASE 823 921 8° CRUSHED STONE BASE 69 921 ASPHALT SEAL AGGREGATE 2153 2153			SOU	ARE	Υ	R D
2* CL2 ASPHALT BASE 1.00D PG64-22 903 3* CL2 ASPHALT BASE 1.00D PG64-22 801 4* CL2 ASPHALT BASE 1.00D PG64-22 11946 4* CL2 ASPHALT BASE 1.00D PG64-22 12181 4* CL2 ASPHALT BASE 1.00D PG64-22 921 4* CR2 ASPHALT BASE 1.00D PG64-22 921 4* CR2 ASPHALT BASE 1.00D PG64-22 921 4* CRUSHED STONE BASE 823 VARIABLE DEPTH CSB (5) ASPHALT SEAL AGGREGATE 2153 ASPHALT SEAL COAT 2153		1/4.CL2 ASPHALT SURFACE 0.38D PG64-22	11873	792	168	13556
2° CL2 ASPHALT BASE 1.00D PG64-22 903 3° CL2 ASPHALT BASE 1.00D PG64-22 801 4° CL2 ASPHALT BASE 1.00D PG64-22 11346 4° CL2 ASPHALT BASE 1.00D PG64-22 12181 4° CL2 ASPHALT BASE 1.00D PG64-22 921 4° CL2 ASPHALT BASE 1.00D PG64-22 921 8° CRUSHED STONE BASE 9776 8° CRUSHED STONE BASE 823 VARIABLE DEPTH CSB (5) ASPHALT SEAL AGGREGATE 2153 ASPHALT SEAL COAT 2153						
3° CL2 ASPHALT BASE 1.00D PG64-22 801 4° CL2 ASPHALT BASE 1.00D PG64-22 11946 4° CL2 ASPHALT BASE 1.00D PG64-22 12181 4° CL2 ASPHALT BASE 1.00D PG64-22 921 4° CL2 ASPHALT BASE 1.00D PG64-22 921 8° CRUSHED STONE BASE 9776 8° CRUSHED STONE BASE 823 VARIABLE DEPTH CSB (5) ASPHALT SEAL AGGREGATE 2153		2º CL2 ASPHALT BASE 1.00D PG64-22			903	903
4* CL2 ASPHALT BASE 1.00D PG64-22 11946 11946 12181		3°CL2 ASPHALT BASE 1.00D PG64-22		108		108
000 PG64-22 12181 823 9776 921 (5) 1059 823 TE 2153 1059		4"CL2 ASPHALT BASE 1.00D PG64-22	11946			11946
4* CRUSHED STONE BASE 9776 921 8* CRUSHED STONE BASE 823 921 VARIABLE DEPTH CSB (5) 1059 1059 ASPHALT SEAL AGGREGATE 2153 1059 1059	la!	4" CL2 ASPHALT BASE 1.00D PG64-22	12181			12181
(5) 1059 221 TE 2153 TE 2153						
(G) 1059 823 TE 2153 TE 2153		4" CRUSHED STONE BASE	9776		921	10697
3 (S) 1059 ECATE 2153 2153		8" CRUSHED STONE BASE		823		823
ECATE 2153 2153 2153			1059			1059
EGATE 2153 2153 2153						
2153		ASPHALT SEAL AGGREGATE	2153			2153
		ASPHALT SEAL COAT	2153			2153

PAVING SUMMARY

TINU	TON	TON	TON	TON	NOT	NOT	SQ YD	
ITEM	CRUSHED STONE BASE (6) (7)	ASPHALT SEAL AGGREGATE	ASPHALT SEAL COAT	CLASS 2 ASPHALT BASE 1.00D PG64-22	CLASS 2 ASPHALT SURFACE 0.38D PG64-22	ASPHALT MATERIAL FOR TACK	CEMENT CONCRETE ENTRANCE PAVEMENT 4"	
ITEM	3	100	103	212	301	356	2098	

TOTAL TOBLORY

19 5540 932

191

12

PIPE DRAINAGE SUMMARY

REMARKS											
FLUME INLET TYPE 2	1691				-	-					2
DROP BOX INLET	1559	ЕАСН		-							-
DROP BOX INLET	1493	EA						-			_
METAL END SECTION	1394							2			2
STORM SEWER PIPE 30°	526							148			148
CULVERT PIPE	461	FEET		3							ъ
ENTRANCE PIPE 30° EOUIV	454	LINEAR FEET								52	52
ENTRANCE PIPE	440								62		62
MAX COVER HEIGHT				12.1				2.8			
DESIGN DH CENEC				Σ				Σ			
SKEW		•		•				.51			CT
	ITEM CODE	UNIT TO BID	KY 773	210+50			LITTLE RIVER ROAD	50+79	ENTRANCE	ENTRANCE	TOTAL PROJECT

GENERAL, PIPE & PAVING SUMMARY SHEET

SCALE: 1"=5'

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			£773		② INCLUDES 6760 TONS PER GE ③ INCLUDES 2 TONS FOR PERFO
TEM	DESCRIPTION	LINO CNI	KA Y	TOT LOЯ	INCLUDES THE ENGIN
	4			i	(5) INCLUDES 7526 CUBIC YARDS BENCHING.
78	CRUSHED ACCRECATE SIZE NO 2 (1) (2) (3)	NOT	7817	7187	(6) FOR CONTROLLING DUST CAUS
061	LEVELING & WEUGING PG64-22 (4)	NO 1	2007	2007	BY MAINTAINING TRAFFIC ONL
0101	NON-PERFORATED PIPE-4 IN	. 4	20	20	(7) NO TREE CLEARING IN JUNE C
1028	PERF PIPE HEADWALL TY 3-4 IN	EACH	2	2	APPROXIMATEL
1825	TTE	LF	200	200	GEOTECHNICAL NOTE NO 9.
2014	BARRICADE-TYPE III	ЕАСН	4	4	(O) FOR WRAPPING PIPE TRENCH
2159		F	1825	1825	(1) INCLUDES 14 TONS FOR EDGE
2160		LF	912.5	912.5	
2230	EMBANKMENI IN PLACE (5)	CU YD	59013	59013	(2) REMOVE STEEL TRUSS BRIDGE STA 214+74.
2242	WALEK (B)	M GAL	36	3087 50	(3) REMOVE STEEL TRUSS BRIDGE
2360	NAL SECTION N	EACH	3	3	STA 223+65.
2363		EACH	- ω	8	(4) GEOTECHNICAL NOTE NO 12.
2371	CUARDRAIL END TREATMENT TYPE 7	ЕАСН	1	-	>-
2391	GUARDRAIL END TREATMENT TYPE 4A	ЕАСН	2	5	AL EARTHW
2429	RIGHT-OF-WAY MONUMENT TYPE 1	ЕАСН	30	30	51487 CU YDS EMBANKMEN 7526 CU YDS FOUNDATION
2431		ЕАСН	6	6	cu ybs
2432	WITNESS POST	ЕАСН	31	31	C
2483	CHANNEL LINING CLASS II	NOT	36	36	·HLCZ
2484	CHANNEL LINING CLASS III	5 -	1 41	1 4	THE CONTRACTOR IS ADVIS
2562	9	SO ET	- 2	- 13	ARE FOR DESIGN AND INFO
2362	MOBILIZATION	- 55	2 -	2 -	AND SWELL FACTORS ARE I
2569	DEMOBILIZATION	LS	-	-	RESPONSIBILITY OF THE CO
2599	FABRIC GEOTECHNICAL TYPE IV (9)	SY	1556	1556	NOIES
2600	GEOTECHNICAL TYPE IV FOR PIPE	SY	909	909	ALL ASPHALT MIXTURES SHA
2650	١,,١	ΓS	-	-	ESTIMATED AT 110 LBS. PER
2676	8 TEXTURIN	LS	-	-	PER INCH OF DEPIH, UNLESS
2677	ASPHALT PAVE MILLING & TEXTURING (i)	TON	4	14	• 1
2697	EDGELINE RUMBLE STRIPS TEMP STI T GENCE	<u>.</u>	7300	7300	® ESTIMATED AT 115 LBS. F
2703	I EMP SIL I FENCE	T V	6701	61	YD. PER INCH OF DEPTH.
2704	TRAP TYPE	FACH	5	6	(7) INCLUDES 200 TONS FOR
2705	SILT TRAP TYPE C	EACH	61	5 61	
2706	CLEAN SILT TRAP TYPE A	ЕАСН	61	61	
2707		ЕАСН	61	19	<u>'</u> OI
2708	CLEAN SILT TRAP TYPE C	ЕАСН	19	19	N .
2726		LS	-	-	L3:
2731	REMOVE STRUCTURE (2)	rs	-	-	3H:
2731		LS	- 00	- 0	S
5950	TEMP MILCH	So YD	59202	5206	ITEM CODE
5953	TEMP SEEDING AND PROTECTION		44402	44402	i
5963	INITIAL FERTILIZER	TON	2.1	2.1	ONI IO BID
5964	FERTILIZER 20-10-10	TON	3.5	3.5	
5985	SEEDING AND PROTECTION	SQ YD	67894	67894	R3 210+50
5992		TON	42	42	R3
6514	STRIPING-PERM PAINT-4 I	L .	14200	14200	
6510	PAVE STRIPING-TEMP PAINT-4 IN	<u>.</u>	28400	28400	LITTLE
6551	PAVE STRIPING-TEMP REM TAPE-Y	<u>.</u> L	800	008	5.+00
24540	RICHT-OF-WAY MONUMENT TYPE 3	EACH	9	9	ENTRANCE
10020NS	1	DOLL	36455	36455	ENTRANCE
10030NS	ASPHALT ADJUSTMENT	DOLL	25291	25291	TOTAL PROJECT
20209EP69	JLAR PILE CORE		2307	2307	
23274ENIIF	TURE REINFORCEMENT MAT 1	SO YD	910	6001	
25276ENIIF 24814EC	I UNF KEINFÜRCEMENI MAI 3	SO YD	218	218	
1	ון רבווער זועט רטייטוי	į	2	?	

① INCLUDES 427 TONS PER GROTECHNICAL NOTE NO 7.

SHEET NO.

COUNTY OF CARTER

R2b

9-8506.00 ITEM NO.

PAVING AREAS

TONS FOR PERFORATED PIPE HEADWALLS. .760 TONS PER GETECHNICAL NOTE NO 9.

00 TONS AS DEEMED NECESSARY BY ER. '526 CUBIC YARDS FOR EMBANKMENT

DLLING DUST CAUSED NING TRAFFIC ONLY.

ARDS

ш A R

SOU 11873

13556

891

792

1/4" CL2 ASPHALT SURFACE 0.38D PG64-22

2° CL2 ASPHALT BASE 1.000 PG64-22
3° CL2 ASPHALT BASE 1.000 PG64-22
4° CL2 ASPHALT BASE 1.000 PG64-22
4° CL2 ASPHALT BASE 1.000 PG64-22

903 801 11946 12181

903

801

11946

10697 823 1059

823

1059

9

4' CRUSHED STONE BASE 8' CRUSHED STONE BASE VARIABLE DEPTH CSB

ASPHALT SEAL AGGREGATE ASPHALT SEAL COAT

921

9776

2153 2153

2153 2153

PAVING SUMMARY

TOTAL TOBOJECT

ENTRANCE

НОАОЯЧЧА

MAINLINE

TEM

EARING IN JUNE OR JULY.

FELY 18.4 ACRES.

AL NOTE NO 9.

NG PIPE TRENCH BACKFILL.

4 TONS FOR EDGE KEY, BOTH TRANSVERSE TUDINAL AS DEEMED BY THE ENGINEER. EEL TRUSS BRIDGES APPROX.

EEL TRUSS BRIDGES APPROX.

AL NOTE NO 12.

FILE NAME: P:/HIGHWAY/KY 773/FINAL PLANS 9-8506.00/COUTRACT PLANS AND PROPOSAL/COUTRACT PLAN SET/ROADWAY/ROOZOBSU.DGN

EARTHWORK U YDS EMBANKMENT U YDS FOUNDATION BENCHING U YDS TOTAL EMBANKMENT

TRACTOR IS ADVISED THAT
THWORK CALCULATIONS SHOWN
DESIGN AND INFORMATION
SCHOOLS FOR SHRINKAGE
LL FACTORS ARE THE
IBILITY OF THE CONTRACTOR. YDS TOTAL COMMON

TOTAL TOBLORY

TEM

ITEM CODE

5540 932

19

(L) (I)

ASPHALT SEAL AGGREGATE

100

ASPHALT SEAL COAT

STONE BASE

CRUSHED

187

SQ YD

TON

CLASS 2 ASPHALT BASE 1.00D PG64-22
CLASS 2 ASPHALT SURFACE 0.38D PG64-22
ASPHALT MATERIAL FOR TACK

212 301 386

CEMENT CONCRETE ENTRANCE PAVEMENT 4"

2098

12

5232 161

T MIXTURES SHALL BE AT 110 LBS. PER SO. YD. F DEPTH, UNLESS NOTED

ED AT 115 LBS. PER SO. INCH OF DEPTH.

S 200 TONS FOR MAINTENANCE FIC.

USER: Jeremy DATE PLOTTED: October 24, 2018

:SMAN T33H2-3

8.11.7.443 MicroStation v8.11.7.443

PIPE DRAINAGE SUMMARY

			_								$\overline{}$
REMARKS											
FLUME INLET TYPE 2	1691				1	1					2
DROP BOX INLET TYPE 13C	1559	ЕАСН		1							-
DROP BOX INLET TYPE 2	1493	EA						-			1
METAL END SECTION TYPE 3-30°	1394							2			2
STORM SEWER PIPE 30°	526							148			148
CULVERT PIPE IS*	461	LINEAR FEET		3							3
ENTRANCE PIPE 30° EOUIV	454	LINEAF								52	52
ENTRANCE PIPE	440								62		62
MAX COVER HEIGHT				12.1				2.8			
DESIGN DH CENEC				Σ				Σ			
SKEW				•0				15*			CT
	ITEM CODE	UNIT TO BID	KY 773	210+50			ITTLE RIVER ROAD	50+79	ENTRANCE	ENTRANCE	OTAL PROJECT

GENERAL, PIPE & PAVING SUMMARY SHEET

SCALE: 1"=5'