



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

August 18, 2014

CALL NO. 107
CONTRACT ID NO. 141253
ADDENDUM # 1

Subject: Metcalfe County, STP BRZ 0303 (256)
Letting August 22, 2014

- (1) Revised - Plans - R2B, R5 & R13
- (2) Revised - Bid Items - Pages 130-131 of 131

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 "Diana Castle Radcliffe".

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures



An Equal Opportunity Employer M/F/D

ADDED PAY ITEMS
1982 AND 1984

ADDED PAY ITEM
2091

ADDED PAY ITEM
2565

ADDED PAY ITEM
2600

ADDED PAY ITEM
6510

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	CS 1053			
	ROADWAY					
00021	DRAINAGE BLANKET, EMBANKMENT ③	CU YD	1983			
1000	PERFORATED PIPE - 4 INCH	LF	48			
1010	NON-PERFORATED PIPE - 4 INCH	LF	20			
1028	PERFORATED PIPE HEADWALL TY 3 4 IN	EACH	2			
1982	DELINEATOR FOR GUARDRAIL-WHITE	EACH	8			
1984	DELINEATOR FOR BARRIER-WHITE	EACH	4			
1985	STEEL HEADWALL CURB TY 2	EACH	1			
2091	REMOVE PAVEMENT ⑨	SQ YD	258			
2230	EMBANKMENT IN PLACE	CU YD	6524			
2242	WATER	MGAL	4			
2351	GUARDRAIL -STEEL W BEAM-SINGLE FACE	LF	600			
2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	4			
2363	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A	EACH	4			
2381	REMOVE GUARDRAIL ⑤	LF	38			
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	4			
X	RIGHT OF WAY MONUMENT TYPE 3 (non-KYTC ROW)	EACH	14			
2432	WITNESS POST	EACH	3			
2484	CHANNEL LINING CLASS III	TON	1538			
2545	CLEARING AND GRUBBING ②	LS	1			
2562	STONS	SQ FT	45			
2565	OBJECT MARKER TY 2	EACH	4			
2569	DEMORIALIZATION	LS	1			
2585	EDGE KEY	LF	38			
2596	FABRIC-GEOTEXTILE TYPE I	SQ YD	1627			
2599	FABRIC-GEOTEXTILE TYPE IV ④	SQ YD	4344			
2600	FABRIC-GEOTEXTILE TYPE IV FOR PIPE	SQ YD	15			
2726	STAKING	LP SUM				
5953	TEMP SEEDING AND PROTECTION	SQ YD	11725			
5963	INITIAL FERTILIZER	TON	1			
5985	SEEDING AND PROTECTION	SQ YD	13794			
6406	SBM ALUM SHEET SIGNS .080 IN	SQ FT	20			
6411	STEEL POST TY 2	LF	48			
6510	PAVE-STRIPING-TEMP PAINT 4 IN	LF	2000			
6511	PAVE-STRIPING-PRM PAINT 4 IN ⑦	LF	2000			
	MAINTENANCE OF TRAFFIC					
2014	BARRICADE TYPE III	EACH	8			
2650	MAINTAIN AND CONTROL TRAFFIC	LP SUM	1			
	EROSION CONTROL					
2701	TEMP SILT FENCE	LF	900			
2703	SILT TRAP TYPE A	EACH	4			
2704	SILT TRAP TYPE B	EACH	4			
2706	CLEAN SILT TRAP TYPE A	EACH	12			
2707	CLEAN SILT TRAP TYPE B	EACH	12			
2709	CLEAN SILT FENCE	LF	900			
5950	EROSION CONTROL BLANKET ⑥	SQ YD	9777			
5952	TEMPORARY MULCH	SQ YD	13794			
5964	20-10-10 FERTILIZER	TON	1			
5992	AGRICULTURAL LIMESTONE	TON	7			
	STRUCTURES					
2731	REMOVE STRUCTURE ⑤	LP SUM	1			

EMBANKMENT

5763 CU YD EMBANKMENT
490 CU YD EMBANKMENT FOUNDATION BENCHES
200 CU YD TRANSVERSE BENCHES
71 CU YD ENTRANCE

6524 CU YD TOTAL EMBANKMENT

* EXCAVATION

2650 CU YD EXCAVATION
490 CU YD EMBANKMENT FOUNDATION BENCHES
200 CU YD TRANSVERSE BENCHES
529 CU YD SURFACE DITCHES
213 CU YD ROCK EXCAVATION
46 CU YD ENTRANCE

4128 CU YD TOTAL EXCAVATION

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

* SHALE ENCOUNTERED (ABOVE OR BELOW THE RDZ, DURABLE OR NON-DURABLE) CANNOT BE USED ON THE PROJECT. (SEE GEOTECHNICAL NOTES, STABILITY SECTION, & CROSS-SECTIONS).

PIPE DRAINAGE SUMMARY

SHEET NO.			SKEW	COVER HEIGHT	DESIGN PH LEVEL	ENTRANCE PIPE	STORM SEWER PIPE	CURB BOX INLET TYPE B	PIPE CULVERT HEADWALL 15 IN
						24"	15"		
						443	521		
ITEM CODE			FEET		443	521	1480	1202	
UNIT TO BID					LF	LF	EACH	EACH	
R5	LT. STA. 308+50 CS 1053	6" RT.	4'-6"	M	62				
R5	LT. STA. 305+87.05 CS 1053	0'	3'-5"	M		16	1	1	
R5	RT. STA. 306+00.91 CS 1053	0'	3'-3"	M		18	1	1	
	TOTAL PROJECT					62	34	2	2

ADDED PAY ITEM 1480

ADDED FOOTNOTE FOR
PAY ITEM 2091

PAVING AREAS

ITEM	CS 1053	ENTRANCES				TOTAL PROJECT
	S	Q	U	A	R	
4" DENSE GRADE AGGREGATE	1931	337				2268
4" DENSE GRADE AGGREGATE (SHOULDERS)	162	15				177
6¾" DEPTH (3"+3¾") CL2 ASPH BASE 0.75D PG64-22	1898					1898
6¾" DEPTH (3"+3¾") CL2 ASPH BASE 0.75D PG64-22 (SHOULDERS)	161					161
3" CL2 ASPH BASE 0.75D PG64-22		329				329
3" CL2 ASPH BASE 0.75D PG64-22 (SHOULDERS)		16				16
1¼" CL2 ASPH SURF 0.38D PG64-22	1816	534				2350
1¼" CL2 ASPH SURF 0.38D PG64-22 (SHOULDERS)	161	16				177

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	CS 1053	ENTRANCES	CONTINGENCY ITEM	TOTAL PROJECT
			T O N S			
1	DENSE GRADE AGGREGATE ①	TON	482	81		563
78	CRUSHED AGGREGATE SIZE No. 2 ⑧	TON			50	50
221	CL2 ASPH BASE 0.75D PG64-22	TON	765	67		832
301	CL2 ASPH SURF 0.38D PG64-22	TON	136	38		174

COUNTY OF	ITEM NO.	SHEET NO.
METCALFE	03-1075.00	R2B

REVISED: 8-15-14

NOTES

- ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.
- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH
- ② ESTIMATED AT 2.85 ac
- ③ FOR SUBGRADE & EMBANKMENT WORKING PLATFORMS CONSISTING OF KY. COARSE AGGREGATE No. 2'S, 3'S, OR 23'S. SEE DETAIL SHEET.
- ④ FOR SUBGRADE & EMBANKMENT WORKING PLATFORMS. SEE DETAIL SHEET.
- ⑤ ANY SALVAGEABLE MATERIAL(S) TO BECOME THE PROPERTY OF THE CONTRACTOR.
- ⑥ INSTALL EROSION CONTROL BLANKETS ON FINAL SOIL-LIKE SLOPES AS DESIGNATED IN SECTION 212 OF THE KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ⑦ 4 IN PAVEMENT STRIPING TO BE DOUBLE YELLOW FROM BEGINNING OF PROJECT TO END OF PROJECT.
- ⑧ FOR PERFORATED PIPE HEADWALLS AT STA. 302+00 & 309+30.
- ⑨ FOR PAVEMENT REMOVAL BEYOND PROP. CUL-DE SAC.

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1891	ISLAND HEADER CURB TY 2	LF	100			
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2242	WATER	MGAL	4			
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PAVING AREAS

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COUNTY OF	ITEM NO.	SHEET NO.
METCALFE	03-1075.00	R2B

NOTES REVISED:8-18-14

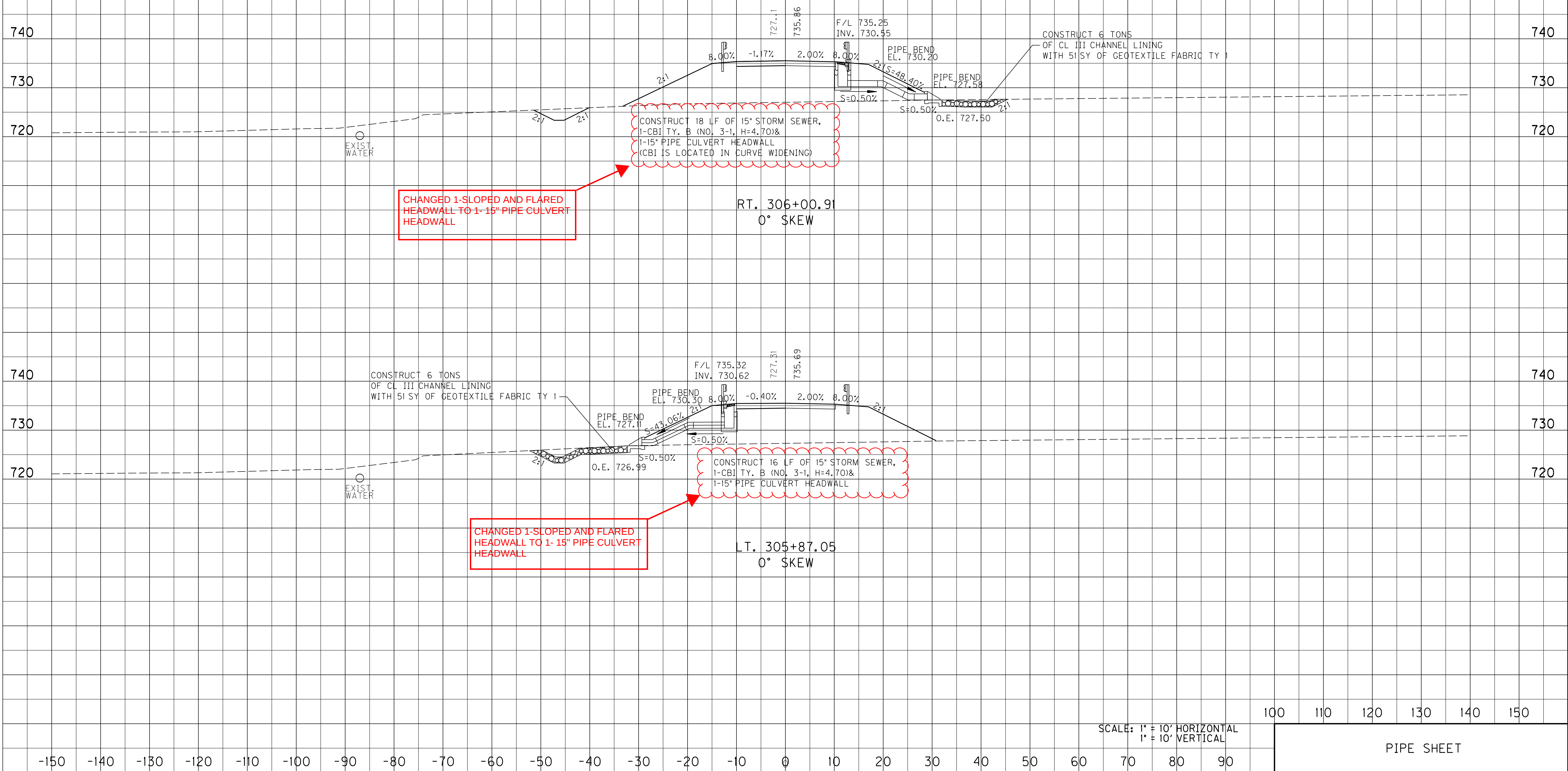
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UNLESS NOTED OTHERWISE.

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YD. PER INCH OF DEPTH
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AGGREGATE No. 2'S, 3'S, OR 23'S. SEE
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TO END OF PROJECT.
- ⑧ FOR PERFORATED PIPE HEADWALLS AT
STA. 302+00 & 309+30.
- ⑨ FOR PAVEMENT REMOVAL BEYOND PROP.
CUL-DE SAC.

GENERAL, PIPE & PAVING SUMMARY SHEET

COUNTY OF	ITEM NO.	SHEET NO.
METCALFE	03-1075.00	R13

REVISED: 8-18-14



FILE NAME: 13-PIPE SHEET.DGN

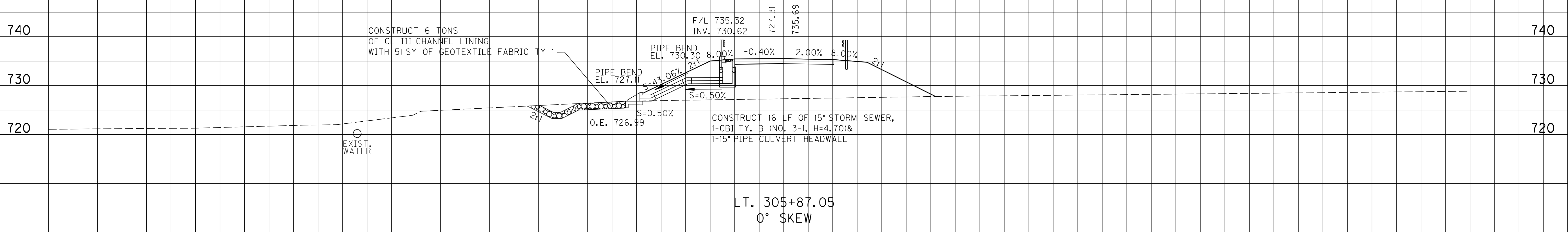
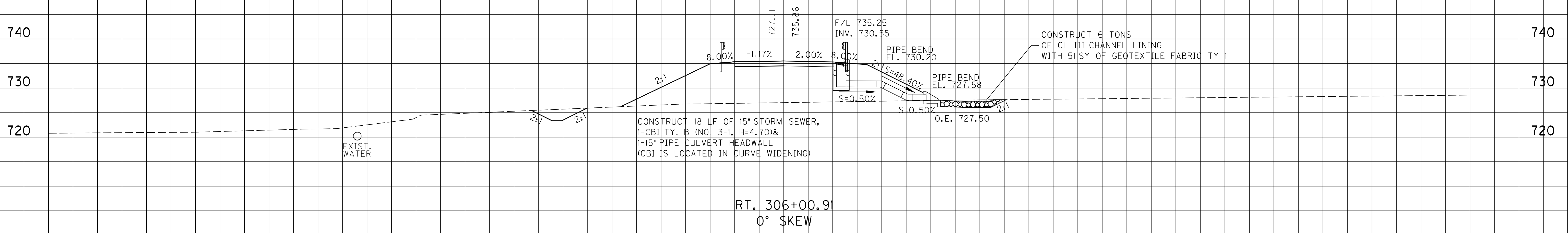
USER: mione
DATE PLOTTED: August 15, 2014

E-SHEET NAME:

Power InRoads v8.11.9.578

COUNTY OF	ITEM NO.	SHEET NO.
METCALFE	03-1075.00	R13

REVISED:8-18-14



PROPOSAL BID ITEMS

141253

Page 1 of 2

Report Date 8/18/14

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	563.00	TON		\$	
0020	00078		CRUSHED AGGREGATE SIZE NO 2	50.00	TON		\$	
0030	00221		CL2 ASPH BASE 0.75D PG64-22	832.00	TON		\$	
0040	00301		CL2 ASPH SURF 0.38D PG64-22	174.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0050	00021		DRAINAGE BLANKET-EMBANKMENT	1,983.00	CUYD		\$	
0060	00443		ENTRANCE PIPE-24 IN	62.00	LF		\$	
0070	00521		STORM SEWER PIPE-15 IN	34.00	LF		\$	
0080	01000		PERFORATED PIPE-4 IN	48.00	LF		\$	
0090	01010		NON-PERFORATED PIPE-4 IN	20.00	LF		\$	
0100	01028		PERF PIPE HEADWALL TY 3-4 IN	2.00	EACH		\$	
0110	01202		PIPE CULVERT HEADWALL-15 IN	2.00	EACH		\$	
0120	01891		ISLAND HEADER CURB TYPE 2	100.00	LF		\$	
0130	02014		BARRICADE-TYPE III	8.00	EACH		\$	
0140	02230		EMBANKMENT IN PLACE	6,524.00	CUYD		\$	
0150	02242		WATER	4.00	MGAL		\$	
0160	02351		GUARDRAIL-STEEL W BEAM-S FACE	600.00	LF		\$	
0170	02360		GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH		\$	
0180	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	4.00	EACH		\$	
0190	02381		REMOVE GUARDRAIL	38.00	LF		\$	
0200	02391		GUARDRAIL END TREATMENT TYPE 4A	4.00	EACH		\$	
0210	02432		WITNESS POST	3.00	EACH		\$	
0220	02484		CHANNEL LINING CLASS III	1,538.00	TON		\$	
0230	02545		CLEARING AND GRUBBING (APPROXIMATELY 2.85 ACRES)	1.00	LS		\$	
0240	02562		TEMPORARY SIGNS	45.00	SQFT		\$	
0250	02585		EDGE KEY	38.00	LF		\$	
0260	02596		FABRIC-GEOTEXTILE TYPE I	1,627.00	SQYD		\$	
0270	02599		FABRIC-GEOTEXTILE TYPE IV	4,344.00	SQYD		\$	
0280	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0290	02701		TEMP SILT FENCE	900.00	LF		\$	
0300	02703		SILT TRAP TYPE A	4.00	EACH		\$	
0310	02704		SILT TRAP TYPE B	4.00	EACH		\$	
0320	02706		CLEAN SILT TRAP TYPE A	12.00	EACH		\$	
0330	02707		CLEAN SILT TRAP TYPE B	12.00	EACH		\$	
0340	02709		CLEAN TEMP SILT FENCE	900.00	LF		\$	
0350	02726		STAKING	1.00	LS		\$	
0360	05950		EROSION CONTROL BLANKET	9,777.00	SQYD		\$	
0370	05952		TEMP MULCH	13,794.00	SQYD		\$	
0380	05953		TEMP SEEDING AND PROTECTION	11,725.00	SQYD		\$	
0390	05963		INITIAL FERTILIZER	1.00	TON		\$	
0400	05964		20-10-10 FERTILIZER	1.00	TON		\$	
0410	05985		SEEDING AND PROTECTION	13,794.00	SQYD		\$	

PROPOSAL BID ITEMS

141253

Page 2 of 2

Report Date 8/18/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0420	05992		AGRICULTURAL LIMESTONE	7.00	TON		\$	
0430	06406		SBM ALUM SHEET SIGNS .080 IN	20.00	SQFT		\$	
0440	06411		STEEL POST TYPE 2	46.00	LF		\$	
0450	06514		PAVE STRIPING-PERM PAINT-4 IN	2,000.00	LF		\$	
0460	24540		R/W MONUMENT TYPE 3	14.00	EACH		\$	
0461	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE ADDED: 8-18-14	8.00	EACH		\$	
0462	01984		DELINEATOR FOR BARRIER - WHITE ADDED: 8-18-14	4.00	EACH		\$	
0463	02091		REMOVE PAVEMENT ADDED: 8-18-14	258.00	SQYD		\$	
0464	02565		OBJECT MARKER TYPE 2 ADDED: 8-18-14	4.00	EACH		\$	
0465	02600		FABRIC GEOTEXTILE TY IV FOR PIPE ADDED: 8-18-14	15.00	SQYD	\$2.00	\$	\$30.00
0466	06510		PAVE STRIPING-TEMP PAINT-4 IN ADDED: 8-18-14	2,000.00	LF		\$	
0467	01480		CURB BOX INLET TYPE B ADDED: 8-18-14	2.00	EACH		\$	

Section: 0003 - BRIDGE - OVER CLAY LICK CREEK - DRAWING #27106

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0470	02231		STRUCTURE GRANULAR BACKFILL	78.50	CUYD		\$	
0480	02731		REMOVE STRUCTURE	1.00	LS		\$	
0490	02998		MASONRY COATING	249.00	SQYD		\$	
0500	03299		ARMORED EDGE FOR CONCRETE	55.40	LF		\$	
0510	08001		STRUCTURE EXCAVATION-COMMON	74.30	CUYD		\$	
0520	08002		STRUCTURE EXCAV-SOLID ROCK	57.00	CUYD		\$	
0530	08019		CYCLOPEAN STONE RIP RAP	506.00	TON		\$	
0540	08033		TEST PILES	28.00	LF		\$	
0550	08039		PRE-DRILLING FOR PILES	120.00	LF		\$	
0560	08046		PILES-STEEL HP12X53	112.00	LF		\$	
0570	08100		CONCRETE-CLASS A	138.20	CUYD		\$	
0580	08104		CONCRETE-CLASS AA	114.10	CUYD		\$	
0590	08150		STEEL REINFORCEMENT	13,684.00	LB		\$	
0600	08151		STEEL REINFORCEMENT-EPOXY COATED	27,624.00	LB		\$	
0610	08669		PRECAST PC BOX BEAM SB21	490.70	LF		\$	
0620	21532ED		RAIL SYSTEM TYPE III	252.10	LF		\$	

Section: 0004 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0630	02569		DEMOBILIZATION	1.00	LS		\$	