



COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET

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Andy Beshear  
GOVERNOR

Jim Gray  
SECRETARY

September 23, 2021

CALL NO. 100  
CONTRACT ID NO. 211330  
ADDENDUM # 2

Subject: Bourbon County, STP 4601 (053)  
Letting September 24, 2021

- (1) Revised - Proposal Bid Items - Page 110-114 of 114
- (2) Revised - Plan Sheets - R2I, R2K, R171, R179 and R180

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 cursive script that reads "Rachel Mills".

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

RM:mr  
Enclosures

**PROPOSAL BID ITEMS**

211330

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**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	57,545.00	TON		\$	
0020	00013		LIME STABILIZED ROADBED	132,383.00	SQYD		\$	
0030	00014		LIME	2,526.00	TON		\$	
0040	00020		TRAFFIC BOUND BASE	614.00	TON		\$	
0050	00190		LEVELING & WEDGING PG64-22	330.00	TON		\$	
0060	00214		CL3 ASPH BASE 1.00D PG64-22	41,668.00	TON		\$	
0070	00221		CL2 ASPH BASE 0.75D PG64-22	7,824.00	TON		\$	
0080	00301		CL2 ASPH SURF 0.38D PG64-22	2,717.00	TON		\$	
0090	00358		ASPHALT CURING SEAL	132.00	TON		\$	
0100	00388		CL3 ASPH SURF 0.38B PG64-22	10,225.00	TON		\$	
0110	02099		CEM CONC ENT PAVEMENT-6 IN	171.00	SQYD		\$	
0120	02702		SAND FOR BLOTTER	329.00	TON		\$	
0130	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	196.20	TON		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0140	00078		CRUSHED AGGREGATE SIZE NO 2	114.00	TON		\$	
0150	01810		STANDARD CURB AND GUTTER	2,586.00	LF		\$	
0160	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	42.00	EACH		\$	
0170	02091		REMOVE PAVEMENT	11,493.00	SQYD		\$	
0180	02159		TEMP DITCH	17,257.00	LF		\$	
0190	02160		CLEAN TEMP DITCH	8,628.00	LF		\$	
0200	02200		ROADWAY EXCAVATION	271,317.00	CUYD		\$	
0210	02242		WATER	7,530.00	MGAL		\$	
0220	02360		GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH		\$	
0230	02367		GUARDRAIL END TREATMENT TYPE 1	10.00	EACH		\$	
0240	02369		GUARDRAIL END TREATMENT TYPE 2A	1.00	EACH		\$	
0250	02381		REMOVE GUARDRAIL	2,451.00	LF		\$	
0260	02391		GUARDRAIL END TREATMENT TYPE 4A	7.00	EACH		\$	
0270	02429		RIGHT-OF-WAY MONUMENT TYPE 1	233.00	EACH		\$	
0280	02432		WITNESS POST	181.00	EACH		\$	
0290	02483		CHANNEL LINING CLASS II	7,505.00	TON		\$	
0300	02484		CHANNEL LINING CLASS III	3,246.00	TON		\$	
0310	02545		CLEARING AND GRUBBING 166.37 ACRES @ \$1,500/ACRE	1.00	LS		\$	
0320	02585		EDGE KEY	442.00	LF		\$	
0330	02603		FABRIC-GEOTEXTILE CLASS 2	23,924.00	SQYD		\$	
0340	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	15,165.00	SQYD	\$2.00	\$	\$30,330.00
0350	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0360	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0370	02690		SAFELOADING (REVISED 9-17-2021)	55.00	CUYD		\$	
0380	02696		SHOULDER RUMBLE STRIPS	72,859.00	LF		\$	
0390	02701		TEMP SILT FENCE	17,257.00	LF		\$	

**PROPOSAL BID ITEMS**

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0400	02703		SILT TRAP TYPE A	128.00	EACH		\$	
0410	02704		SILT TRAP TYPE B	128.00	EACH		\$	
0420	02705		SILT TRAP TYPE C	128.00	EACH		\$	
0430	02706		CLEAN SILT TRAP TYPE A	128.00	EACH		\$	
0440	02707		CLEAN SILT TRAP TYPE B	128.00	EACH		\$	
0450	02708		CLEAN SILT TRAP TYPE C	128.00	EACH		\$	
0460	02720		SIDEWALK-4 IN CONCRETE	20.00	SQYD		\$	
0470	02726		STAKING	1.00	LS		\$	
0480	03171		CONCRETE BARRIER WALL TYPE 9T	5,050.00	LF		\$	
0490	05950		EROSION CONTROL BLANKET	32,814.00	SQYD		\$	
0500	05952		TEMP MULCH	414,397.00	SQYD		\$	
0510	05953		TEMP SEEDING AND PROTECTION	309,252.00	SQYD		\$	
0520	05963		INITIAL FERTILIZER	19.00	TON		\$	
0530	05964		MAINTENANCE FERTILIZER	32.00	TON		\$	
0540	05985		SEEDING AND PROTECTION	618,504.00	SQYD		\$	
0550	05992		AGRICULTURAL LIMESTONE	383.40	TON		\$	
0560	06406		SBM ALUM SHEET SIGNS .080 IN	745.00	SQFT		\$	
0570	06407		SBM ALUM SHEET SIGNS .125 IN	68.00	SQFT		\$	
0580	06410		STEEL POST TYPE 1	1,551.00	LF		\$	
0590	06510		PAVE STRIPING-TEMP PAINT-4 IN (WHITE)	157,900.00	LF		\$	
0600	06510		PAVE STRIPING-TEMP PAINT-4 IN (YELLOW)	78,950.00	LF		\$	
0610	06568		PAVE MARKING-THERMO STOP BAR-24IN	246.00	LF		\$	
0620	06569		PAVE MARKING-THERMO CROSS-HATCH	1,630.00	SQFT		\$	
0630	06574		PAVE MARKING-THERMO CURV ARROW	26.00	EACH		\$	
0640	06578		PAVE MARKING-THERMO MERGE ARROW	2.00	EACH		\$	
0650	10020NS		FUEL ADJUSTMENT	177,505.00	DOLL	\$1.00	\$	\$177,505.00
0660	10030NS		ASPHALT ADJUSTMENT	244,405.00	DOLL	\$1.00	\$	\$244,405.00
0670	20191ED		OBJECT MARKER TY 3	16.00	EACH		\$	
0680	20458ES403		CENTERLINE RUMBLE STRIPS	35,303.00	LF		\$	
0690	20738NS112		TEMP CRASH CUSHION	26.00	EACH		\$	
0700	21417ES717		PAVE MARK THERMO CONE CAP-SOLID YELLOW	68.00	SQFT		\$	
0710	21687EN		DRY STONE MASONRY WALL	1,644.00	LF		\$	
0720	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	4,050.00	LF		\$	
0730	23274EN11F		TURF REINFORCEMENT MAT 1	10,109.00	SQYD		\$	
0740	24489EC		INLAID PAVEMENT MARKER	984.00	EACH		\$	
0750	24631EC		BARCODE SIGN INVENTORY	203.00	EACH		\$	
0760	24995EC		PAVE STRIPING-SPRAY THERMO-6 IN W	80,480.00	LF		\$	
0770	24996EC		PAVE STRIPING-SPRAY THERMO-6 IN Y	68,532.00	LF		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0780	00440		ENTRANCE PIPE-15 IN	1,445.00	LF		\$	
0790	00443		ENTRANCE PIPE-24 IN	243.00	LF		\$	
0800	00445		ENTRANCE PIPE-30 IN	61.00	LF		\$	
0810	00461		CULVERT PIPE-15 IN	105.00	LF		\$	

**PROPOSAL BID ITEMS**

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0820	00462		CULVERT PIPE-18 IN	469.00	LF		\$	
0830	00464		CULVERT PIPE-24 IN (REVISED 9-23-2021)	315.00	LF		\$	
0840	00466		CULVERT PIPE-30 IN	634.00	LF		\$	
0850	00468		CULVERT PIPE-36 IN (REVISED 9-23-2021)	359.00	LF		\$	
0860	00470		CULVERT PIPE-48 IN	503.00	LF		\$	
0870	00496		CULVERT PIPE-36 IN EQUIV	62.00	LF		\$	
0880	00500		CULVERT PIPE-54 IN EQUIV	138.00	LF		\$	
0890	00521		STORM SEWER PIPE-15 IN	1,014.00	LF		\$	
0900	00522		STORM SEWER PIPE-18 IN	673.00	LF		\$	
0910	00524		STORM SEWER PIPE-24 IN	160.00	LF		\$	
0920	01000		PERFORATED PIPE-4 IN	70,632.00	LF		\$	
0930	01010		NON-PERFORATED PIPE-4 IN	1,140.00	LF		\$	
0940	01020		PERF PIPE HEADWALL TY 1-4 IN	19.00	EACH		\$	
0950	01028		PERF PIPE HEADWALL TY 3-4 IN	93.00	EACH		\$	
0960	01032		PERF PIPE HEADWALL TY 4-4 IN	2.00	EACH		\$	
0970	01204		PIPE CULVERT HEADWALL-18 IN	3.00	EACH		\$	
0980	01208		PIPE CULVERT HEADWALL-24 IN	8.00	EACH		\$	
0990	01210		PIPE CULVERT HEADWALL-30 IN	12.00	EACH		\$	
1000	01212		PIPE CULVERT HEADWALL-36 IN	12.00	EACH		\$	
1010	01216		PIPE CULVERT HEADWALL-48 IN	12.00	EACH		\$	
1020	01310		REMOVE PIPE	102.00	LF		\$	
1030	01433		SLOPED BOX OUTLET TYPE 1-18 IN	2.00	EACH		\$	
1040	01434		SLOPED BOX OUTLET TYPE 1-24 IN	1.00	EACH		\$	
1050	01452		S & F BOX INLET-OUTLET-30 IN	2.00	EACH		\$	
1060	01456		CURB BOX INLET TYPE A	14.00	EACH		\$	
1070	01496		DROP BOX INLET TYPE 3	8.00	EACH		\$	
1080	01756		MANHOLE TYPE A	2.00	EACH		\$	
1090	08100		CONCRETE-CLASS A	4.91	CUYD		\$	
1100	08150		STEEL REINFORCEMENT	379.00	LB		\$	
1110	21799EN		BORE AND JACK PIPE-24 IN	154.00	LF		\$	
1120	22581EN		ENTRANCE PIPE-36 IN	95.00	LF		\$	
1130	24186EC		BORE AND JACK PIPE-36 IN	50.00	LF		\$	

**Section: 0004 - BRIDGE - 28407 - RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1140	02625		REMOVE HEADWALL	1.00	EACH		\$	
1150	08002		STRUCTURE EXCAV-SOLID ROCK	17.00	CUYD		\$	
1160	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1170	08100		CONCRETE-CLASS A	69.70	CUYD		\$	
1180	08150		STEEL REINFORCEMENT	5,951.00	LB		\$	

**Section: 0005 - BRIDGE - 28408 - RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1190	08002		STRUCTURE EXCAV-SOLID ROCK	63.00	CUYD		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1200	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1210	08100		CONCRETE-CLASS A	92.10	CUYD		\$	
1220	08150		STEEL REINFORCEMENT	6,511.00	LB		\$	

**Section: 0006 - BRIDGE - 28409 - RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1230	08002		STRUCTURE EXCAV-SOLID ROCK	145.00	CUYD		\$	
1240	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1250	08100		CONCRETE-CLASS A	161.40	CUYD		\$	
1260	08150		STEEL REINFORCEMENT	17,742.00	LB		\$	

**Section: 0007 - BRIDGE - 28410 - RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1270	08002		STRUCTURE EXCAV-SOLID ROCK	66.00	CUYD		\$	
1280	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1290	08100		CONCRETE-CLASS A	80.20	CUYD		\$	
1300	08150		STEEL REINFORCEMENT	10,887.00	LB		\$	

**Section: 0008 - BRIDGE - 28411 - RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1310	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1320	08100		CONCRETE-CLASS A	85.60	CUYD		\$	
1330	08150		STEEL REINFORCEMENT	8,327.00	LB		\$	

**Section: 0009 - BRIDGE - 28412 - RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1340	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1350	08100		CONCRETE-CLASS A	79.60	CUYD		\$	
1360	08150		STEEL REINFORCEMENT	8,021.00	LB		\$	

**Section: 0010 - BRIDGE - 28413 - RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1370	02625		REMOVE HEADWALL	1.00	EACH		\$	
1380	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1390	08100		CONCRETE-CLASS A	63.20	CUYD		\$	
1400	08150		STEEL REINFORCEMENT	6,149.00	LB		\$	

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### PROPOSAL BID ITEMS

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#### Section: 0011 - TRAINEES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1410	02742		TRAINEE PAYMENT REIMBURSEMENT (1 GROUP 2, 3 OR 4 OPERATOR)	1,400.00	HOUR		\$	

#### Section: 0012 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1420	02568		MOBILIZATION	1.00	LS		\$	
1430	02569		DEMOBILIZATION	1.00	LS		\$	

















PIPE DRAINAGE SHEET 22 of 28

COUNTY OF  
BOURBON

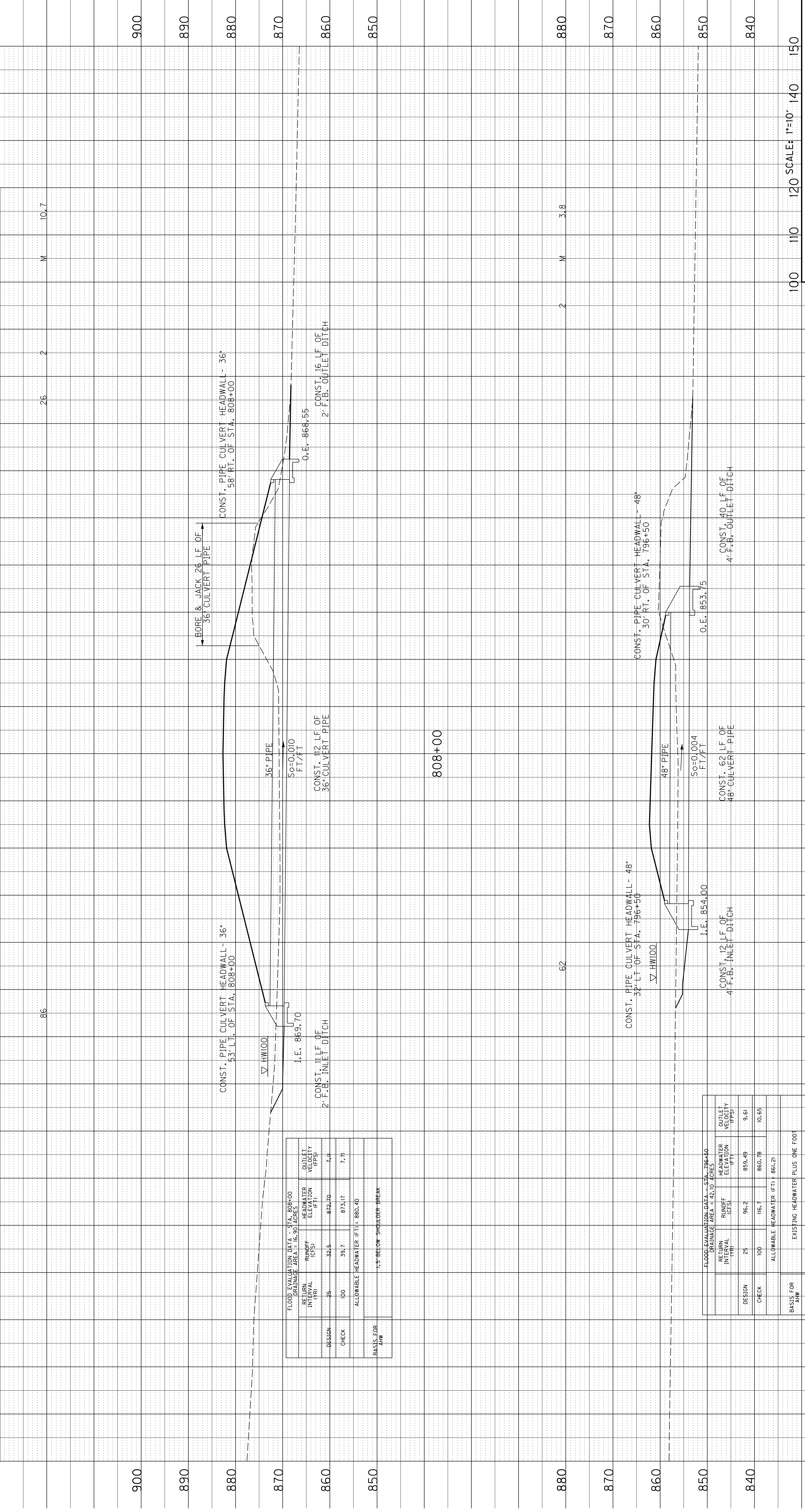
ITEM NO.  
7-8705.00

SHEET NO.  
R179

STORM SEWER PIPE

L I N E A R F E E T

CULVERT PIPE	CULVERT PIPE	PIPE CULVERT HEADWALL 48"	PIPE CULVERT HEADWALL 36"	BORE & JACK PIPE 36 INCH	PIPE CULVERT HEADWALL 48"	DESIGN COVER LEVEL	MAX COVER HEIGHT
36"	48"	LF	LF	LF	EACH	EACH	LF



FLOOD EVALUATION DATA - STA. 808+00  
DRAINAGE AREA = 16.90 ACRES

DESIGN	PERIOD (YR)	RUNOFF (CFS)	HEADWATER ELEVATION (FT)	OUTLET VELOCITY (FPS)
DESIGN	25	32.5	872.70	7.1
CHECK	100	39.7	873.17	7.7

ALLOWABLE HEADWATER (FT) = 880.40

BASIS FOR AHW: 1.5' BELOW SHOULDER BREAK

FLOOD EVALUATION DATA - STA. 796+50  
DRAINAGE AREA = 42.10 ACRES

DESIGN	PERIOD (YR)	RUNOFF (CFS)	HEADWATER ELEVATION (FT)	OUTLET VELOCITY (FPS)
DESIGN	25	96.2	859.49	9.61
CHECK	100	116.7	860.78	10.65

ALLOWABLE HEADWATER (FT) = 861.21

BASIS FOR AHW: EXISTING HEADWATER PLUS ONE FOOT

100 110 120 SCALE: 1"=10' 140 150

U.S. 460  
STA. 796+50 TO STA. 808+00



PIPE DRAINAGE SHEET 23 of 28

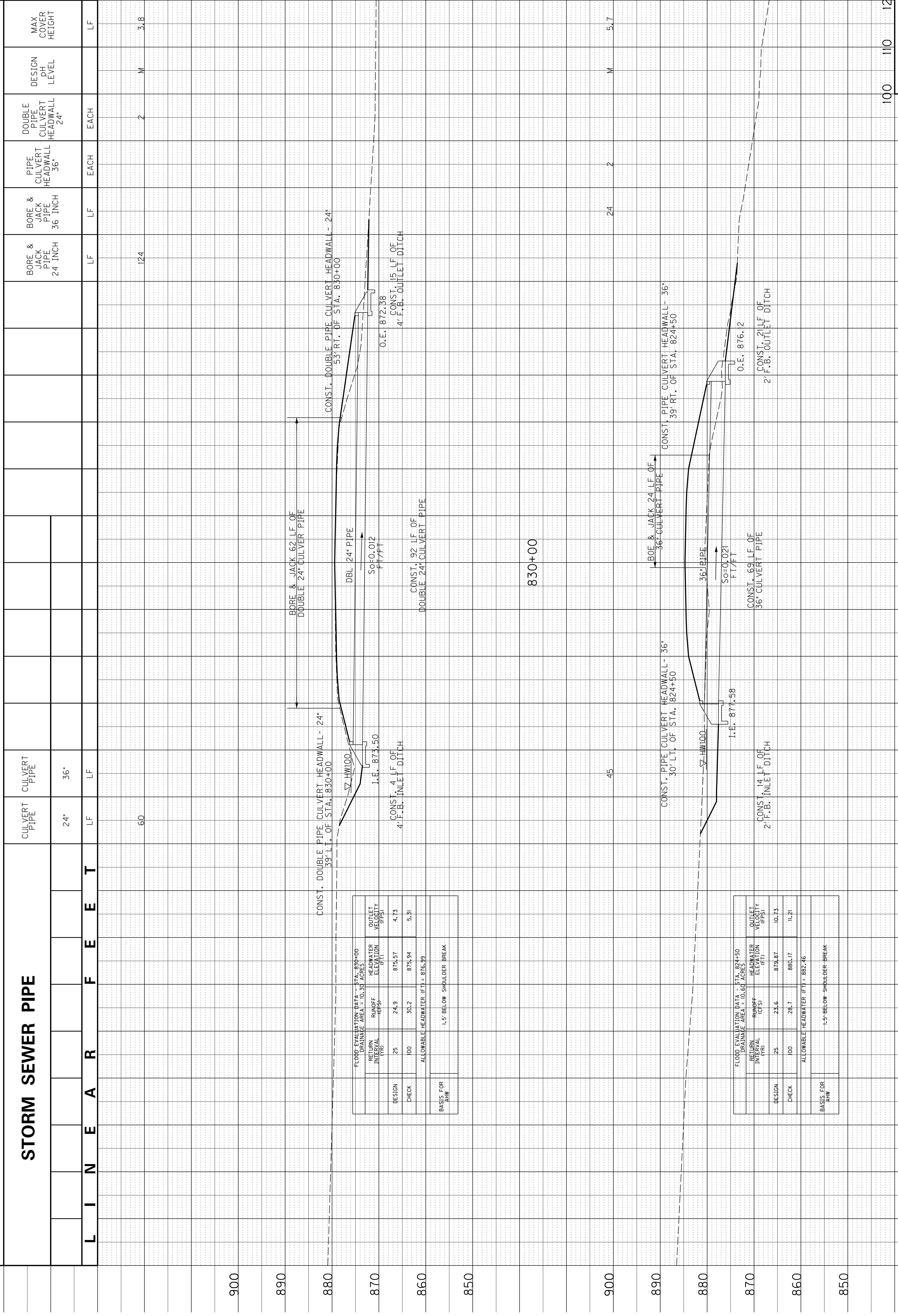
COUNTY OF  
BOURBON

ITEM NO.  
7-8705.00

SHEET NO.  
R180

STORM SEWER PIPE

L I N E A R F E E T



FLOOD EVALUATION DATA - STA. 830+00 DRAINAGE AREA = 10.30 ACRES				
RETURN INTERVAL (YR)	RANGE (CFS)	HEADWATER ELEVATION (FT)	HEADWATER ELEVATION (FT)	OUTLET VELOCITY (FPS)
DESIGN	25	24.9	875.57	4.73
CHECK	100	30.2	875.94	5.31
ALLOWABLE HEADWATER (FT) = 876.99				
BASIS FOR AHW: 1.5' BELOW SHOULDER BREAK				

FLOOD EVALUATION DATA - STA. 824+50 DRAINAGE AREA = 10.63 ACRES				
RETURN INTERVAL (YR)	RANGE (CFS)	HEADWATER ELEVATION (FT)	HEADWATER ELEVATION (FT)	OUTLET VELOCITY (FPS)
DESIGN	25	23.6	875.87	10.73
CHECK	100	28.7	880.17	11.21
ALLOWABLE HEADWATER (FT) = 882.46				
BASIS FOR AHW: 1.5' BELOW SHOULDER BREAK				

SCALE: 1"=10'

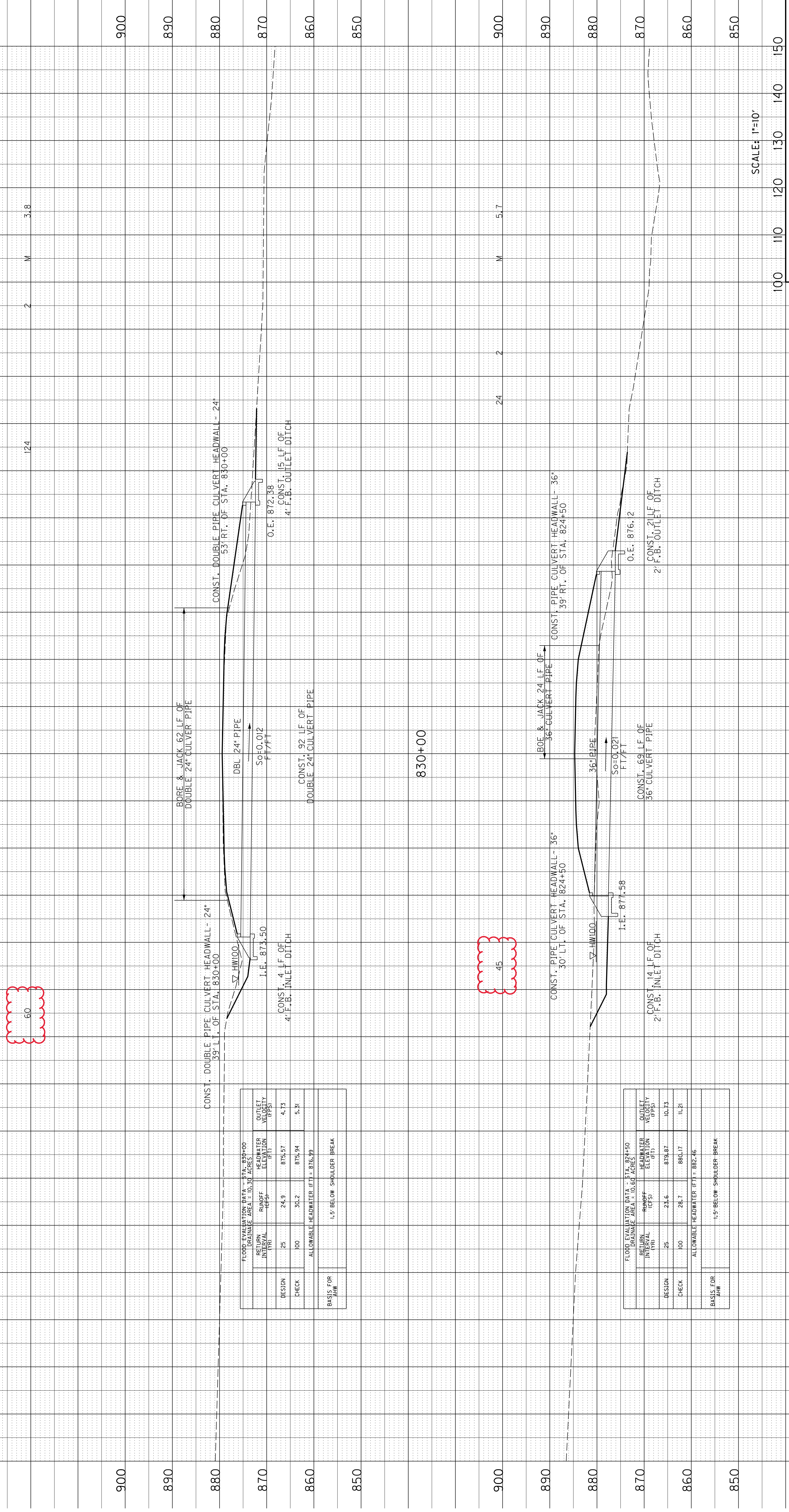
U.S. 460  
STA. 824+50 TO STA. 830+00



COUNTY OF	ITEM NO.	SHEET NO.
BOURBON	7-8705.00	R180

STORM SEWER PIPE

L I N E A R F E E T



FLOOD EVALUATION DATA - STA. 830+00 DRAINAGE AREA = 10.30 ACRES			
RETURN INTERVAL (YR)	RANGE (FPS)	HEADWATER ELEVATION (FT)	OUTLET VELOCITY (FPS)
DESIGN	25	875.57	4.73
CHECK	100	875.94	5.31
ALLOWABLE HEADWATER (FT) = 876.99			
BASIS FOR AHW: 1.5' BELOW SHOULDER BREAK			

FLOOD EVALUATION DATA - STA. 824+50 DRAINAGE AREA = 10.60 ACRES			
RETURN INTERVAL (YR)	RANGE (FPS)	HEADWATER ELEVATION (FT)	OUTLET VELOCITY (FPS)
DESIGN	25	875.87	10.73
CHECK	100	880.17	11.21
ALLOWABLE HEADWATER (FT) = 882.46			
BASIS FOR AHW: 1.5' BELOW SHOULDER BREAK			

SCALE: 1"=10'

U.S. 460  
STA. 824+50 TO STA. 830+00