



COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET  
[www.transportation.ky.gov/](http://www.transportation.ky.gov/)

Andy Beshear  
GOVERNOR

Jim Gray  
SECRETARY

April 20, 2022

CALL NO. 103  
CONTRACT ID NO. 221020  
ADDENDUM # 2

Subject: Christian County, NHPPIM 0243(057)  
Letting April 28, 2022

- (1) Revised - Summary Sheets - Pages 28-35 & 41-50 of 371
- (2) Added - Summary Sheet - Page 50(a) of 371
- (3) Revised - Proposal Bid Items - Pages 368-371 of 371

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".

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

RM:mr  
Enclosures

<b>GENERAL SUMMARY - ASPHALT PAVEMENT</b>				
<b>I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00</b>				
<b>BID CODE</b>	<b>ITEM</b>	<b>UNIT</b>	<b>NOTES</b>	<b>QUANTITIES</b>
				<b>I-24</b>
00001	DGA BASE	TON		17,979
00008	CEMENT STABILIZED ROADBED	SQYD		73,219
00078	CRUSHED AGGREGATE SIZE NO 2	TON	15	215
00100	ASPHALT SEAL AGGREGATE	TON		637
00103	ASPHALT SEAL COAT	TON		76
00194	LEVELING & WEDGING PG76-22	TON		533
00208	CL4 ASPH BASE 1.50D PG64-22	TON	18	21,405
00214	CL3 ASPH BASE 1.00D PG64-22	TON	18	34,262
00217	CL4 ASPH BASE 1.00D PG64-22	TON	18	17,964
00219	CL4 ASPH BASE 1.00D PG76-22	TON	18	17,516
00312	CL3 ASPH SURF 0.50D PG64-22	TON		6,369
00335	CL4 ASPH SURF 0.50A PG76-22	TON	18	6,686
00358	ASPHALT CURING SEAL	TON		146
01005	PERFORATED PIPE EDGE DRAIN-4 IN	LF	13	46,455
01006	PERFORATED PIPE EDGE DRAIN-6 IN	LF		23,943
01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	LS		1
01740	CORED HOLE DRAINAGE BOX CON-4 IN	EACH	17	5
01741	CORED HOLE DRAINAGE BOX CON-6 IN	EACH		30
01891	ISLAND HEADER CURB TYPE 2	LF	8	80
01982	DELINEATOR FOR GUARDRAIL M/W	EACH		59
01983	DELINEATOR FOR GUARDRAIL M/Y	EACH		9
01984	DELINEATOR FOR BARRIER - WHITE	EACH		755
01986	DELINEATOR FOR BARRIER - BI-DIRECTIONAL YELLOW	EACH		755
02003	RELOCATE TEMP CONC BARRIER	LF		30,219
02058	REMOVE PCC PAVEMENT	SQYD	11	1,000
02069	JPC PAVEMENT - 10 IN (SLAB REPLACEMENT)	SQYD		1,000
02091	REMOVE PAVEMENT	SQYD	4	73,219
02351	GUARDRAIL-STEEL W BEAM-S FACE	LF		4,976
02352	GUARDRAIL-STEEL W BEAM-D FACE	LF	7	218
02360	GUARDRAIL TERMINAL SECTION NO 1	EACH	7	1
02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH		4
02365	CRASH CUSHION TYPE IX-A	EACH		1
02367	GUARDRAIL END TREATMENT TYPE 1	EACH		8

<b>GENERAL SUMMARY - ASPHALT PAVEMENT</b>				
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				<b>I-24</b>
02369	GUARDRAIL END TREATMENT TYPE 2A	EACH		7
02381	REMOVE GUARDRAIL	LF		5,869
02387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	EACH		2
02397	TEMPORARY GUARDRAIL	LF		150
02542	CEMENT	TON		1,423
02562	TEMPORARY SIGNS	SQFT	3	2,500
02565	OBJECT MARKER TYPE 2	EACH	7	2
02568	MOBILIZATION	LS		1
02569	DEMOBILIZATION	LS		1
02575	DITCHING AND SHOULDERING	LF	19	27,778
02604	FABRIC GEOTEXTILE CLASS 1A	SQYD	12	1,000
02650	MAINTAIN AND CONTROL TRAFFIC	LS		1
02655	CROSSOVER (#1)	LS	3	1
02655	CROSSOVER (#2)	LS	3	1
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	3	4
02677	ASPHALT PAVE MILLING & TEXTURING	TON		843
02696	SHOULDER RUMBLE STRIPS	LF		109,828
02701	TEMP SILT FENCE	LF	10	2,589
02702	SAND FOR BLOTTER	TON		183
02705	SILT TRAP TYPE C	EACH	10	4
02708	CLEAN SILT TRAP TYPE C	EACH	10	4
02726	STAKING	LS		1
02775	ARROW PANEL	EACH	3	4
02898	RELOCATE CRASH CUSHION	EACH	3	1
03171	CONCRETE BARRIER WALL 9T	LF	3	60,438
03383	PVC PIPE-4 IN	LF	14	4,565
03385	PVC PIPE-6 IN	LF		1,169
04793	CONDUIT 1 1/4 INCH	LF	6	160
04795	CONDUIT 2 INCH	LF	6	40
04820	TRENCHING AND BACKFILLING	LF	6	180
04829	PIEZOELECTRIC SENSOR	EACH	6	8
04830	LOOP WIRE	LF	6	3,360
04895	LOOP SAW SLOT AND FILL	LF	6	800

<b>GENERAL SUMMARY - ASPHALT PAVEMENT</b>				
<b>I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00</b>				
<b>BID CODE</b>	<b>ITEM</b>	<b>UNIT</b>	<b>NOTES</b>	<b>QUANTITIES</b>
				<b>I-24</b>
05950	EROSION CONTROL BLANKET	SQYD	5	30,000
05953	TEMP SEEDING AND PROTECTION	SQYD	10	1,815
05963	INITIAL FERTILIZER	TON	10	0.3
05964	MAINTENANCE FERTILIZER	TON	10	0.2
05985	SEEDING AND PROTECTION	SQYD	10	4,443
05992	AGRICULTURAL LIMESTONE	TON	10	3
06511	PAVE STRIPING-TEMP PAINT-6 IN	LF	3	453,285
06513	PAVE STRIPING-TEMP PAINT-12 IN	LF	3	160
06542	PAVE STRIPING-THERMO-6 IN W	LF	18	39,466
06543	PAVE STRIPING-THERMO-6 IN Y	LF	18	30,718
06546	PAVE STRIPING-THERMO-12 IN W	LF	18	883
06549	PAVE STRIPING-TEMP REM TAPE-B	LF	2,3	1,500
06550	PAVE STRIPING-TEMP REM TAPE-W	LF	2,3	1,000
06551	PAVE STRIPING-TEMP REM TAPE-Y	LF	2,3	1,000
06556	PAVE STRIPING - DUR TY - 6 IN W	LF	18	35,284
06557	PAVE STRIPING - DUR TY - 6 IN Y	LF	18	29,725
06560	PAVE STRIPING-DUR TY 1-12 IN W	LF	18	445
06610	INLAID PAVEMENT MARKER - MW	EACH		755
06613	INLAID PAVEMENT MARKER - B-W/R	EACH		34
08903	CRASH CUSHION TY VI CLASS BT TL3	EACH	3	2
10020NS	FUEL ADJUSTMENT	DOLL	18	176,584
10030NS	ASPHALT ADJUSTMENT	DOLL	18	409,472
20071EC	JOINT ADHESIVE	LF		99,174
20191ED	OBJECT MARKER TY 3	EACH		8
20359NN	GALVANIZED STEEL CABINET	EACH	6	4
20360ES818	WOOD POST	EACH	6	8
20391NS835	ELECTRICAL JUNCTION BOX TYPE A	EACH	6	4
20412ED	REMOVE ASPHALT SHOULDER	SQYD		79,334
20430ED	SAW CUT	LF		2,007
20432ES112	REMOVE CRASH CUSHION	EACH		1
20758ED	REMOVE AND RESET PERFORATED PIPE HEADWALL	EACH		165
22664EN	WATER BLASTING EXISTING STRIPE	LF	3	67,993
23147EN	HIGH TENSION CABLE-ROPE	LF	9	1,180

<b>GENERAL SUMMARY - ASPHALT PAVEMENT</b>				
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				<b>I-24</b>
23148EN	END ANCHORS	EACH	9	4
24255EC	REMOVE CABLE GUARDRAIL BARRIER SYSTEM	LF	9	1,180
24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT	SQFT		735,357
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	TON	18	113
25050ED	GEOTEXTILE BOND BREAKER INTERLAYER	SQYD		73,219
25075EC	QUEUE PROTECTION VEHICLE	HOUR		250
25117EC	FURNISH QUEUE PROTECTION VEHICLES	MONTH		8
26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	MONTH		8
26137EC	QUEUE WARNING PCMS	MONTH		32
26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	MONTH		32

**NOTES:**

1. Quantities from all other summary sheets have been carried over and included in this General Summary Sheet.
2. For traffic tapers at the ends of project.
3. For maintenance of traffic.
4. For eastbound concrete pavement removal MP 86.77 to MP 92.031
5. For use during Ditching and Shouldering, as directed by the Engineer.
6. For replacing traffic data acquisition stations.
7. For guardrail at bridges. See Standard Drawing RBB-002.
8. For drainage at bridge over Red River.
9. For High Tension Cable-Rope Barrier for crossovers.
10. For erosion control of temporary crossovers.
11. For removal of concrete for slab replacements.
12. Required for slab replacements.
13. Total includes 1300 LF for slab replacements.
14. Total includes 1175 LF for slab replacements.
15. Total includes 50 TON for slab replacements.
16. Total includes 45 EACH for slab replacements.
17. For slab replacements.
18. Quantities are for asphalt pavement alternative only. All other bid quantities are the same for both alternates.
19. Ditching and shouldering will be paid by the plan quantity.

<b>GENERAL SUMMARY - CONCRETE PAVEMENT</b>				
<b>I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00</b>				
<b>BID CODE</b>	<b>ITEM</b>	<b>UNIT</b>	<b>NOTES</b>	<b>QUANTITIES</b>
				<b>I-24</b>
00001	DGA BASE	TON		17,979
00008	CEMENT STABILIZED ROADBED	SQYD		73,219
00078	CRUSHED AGGREGATE SIZE NO 2	TON	15	215
00100	ASPHALT SEAL AGGREGATE	TON		637
00103	ASPHALT SEAL COAT	TON		76
00194	LEVELING & WEDGING PG76-22	TON		533
00214	CL3 ASPH BASE 1.00D PG64-22	TON	18	36,358
00312	CL3 ASPH SURF 0.50D PG64-22	TON		6,405
00335	CL4 ASPH SURF 0.50A PG76-22	TON	18	465
00358	ASPHALT CURING SEAL	TON		146
01005	PERFORATED PIPE EDGE DRAIN-4 IN	LF	13	46,455
01006	PERFORATED PIPE EDGE DRAIN-6 IN	LF		23,943
01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	LS		1
01740	CORED HOLE DRAINAGE BOX CON-4 IN	EACH	17	5
01741	CORED HOLE DRAINAGE BOX CON-6 IN	EACH		30
01891	ISLAND HEADER CURB TYPE 2	LF	8	80
01982	DELINEATOR FOR GUARDRAIL M/W	EACH		59
01983	DELINEATOR FOR GUARDRAIL M/Y	EACH		9
01984	DELINEATOR FOR BARRIER - WHITE	EACH		755
01986	DELINEATOR FOR BARRIER - BI-DIRECTIONAL YELLOW	EACH		755
02003	RELOCATE TEMP CONC BARRIER	LF		30,219
02058	REMOVE PCC PAVEMENT	SQYD	11	1,000
02069	JPC PAVEMENT - 10 IN (SLAB REPLACEMENT)	SQYD		1,000
02070	JPC PAVEMENT-12 IN	SQYD	18	73,219
02091	REMOVE PAVEMENT	SQYD	4	73,219
02351	GUARDRAIL-STEEL W BEAM-S FACE	LF		4,976
02352	GUARDRAIL-STEEL W BEAM-D FACE	LF	7	218
02360	GUARDRAIL TERMINAL SECTION NO 1	EACH	7	1
02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH		4
02365	CRASH CUSHION TYPE IX-A	EACH		1
02367	GUARDRAIL END TREATMENT TYPE 1	EACH		8
02369	GUARDRAIL END TREATMENT TYPE 2A	EACH		7

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				<b>I-24</b>
02381	REMOVE GUARDRAIL	LF		5,869
02387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	EACH		2
02397	TEMPORARY GUARDRAIL	LF		150
02542	CEMENT	TON		1,423
02562	TEMPORARY SIGNS	SQFT	3	2,500
02565	OBJECT MARKER TYPE 2	EACH	7	2
02568	MOBILIZATION	LS		1
02569	DEMOBILIZATION	LS		1
02575	DITCHING AND SHOULDERING	LF	19	27,778
02604	FABRIC GEOTEXTILE CLASS 1A	SQYD	12	1,000
02650	MAINTAIN AND CONTROL TRAFFIC	LS		1
02655	CROSSOVER (#1)	LS	3	1
02655	CROSSOVER (#2)	LS	3	1
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	3	4
02677	ASPHALT PAVE MILLING & TEXTURING	TON		843
02696	SHOULDER RUMBLE STRIPS	LF		109,828
02701	TEMP SILT FENCE	LF	10	2,589
02702	SAND FOR BLOTTER	TON		183
02705	SILT TRAP TYPE C	EACH	10	4
02708	CLEAN SILT TRAP TYPE C	EACH	10	4
02726	STAKING	LS		1
02775	ARROW PANEL	EACH	3	4
02898	RELOCATE CRASH CUSHION	EACH	3	1
03171	CONCRETE BARRIER WALL 9T	LF	3	60,438
03383	PVC PIPE-4 IN	LF	14	4,565
03385	PVC PIPE-6 IN	LF		1,169
04793	CONDUIT 1 1/4 INCH	LF	6	160
04795	CONDUIT 2 INCH	LF	6	40
04820	TRENCHING AND BACKFILLING	LF	6	180
04829	PIEZOELECTRIC SENSOR	EACH	6	8
04830	LOOP WIRE	LF	6	3,360
04895	LOOP SAW SLOT AND FILL	LF	6	800

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				<b>I-24</b>
05950	EROSION CONTROL BLANKET	SQYD	5	30,000
05953	TEMP SEEDING AND PROTECTION	SQYD	10	1,815
05963	INITIAL FERTILIZER	TON	10	0.3
05964	MAINTENANCE FERTILIZER	TON	10	0.2
05985	SEEDING AND PROTECTION	SQYD	10	4,443
05992	AGRICULTURAL LIMESTONE	TON	10	3
06511	PAVE STRIPING-TEMP PAINT-6 IN	LF	3	453,285
06513	PAVE STRIPING-TEMP PAINT-12 IN	LF	3	160
06542	PAVE STRIPING-THERMO-6 IN W	LF	18	2,239
06546	PAVE STRIPING-THERMO-12 IN W	LF	18	440
06549	PAVE STRIPING-TEMP REM TAPE-B	LF	2,3	1,500
06550	PAVE STRIPING-TEMP REM TAPE-W	LF	2,3	1,000
06551	PAVE STRIPING-TEMP REM TAPE-Y	LF	2,3	1,000
06556	PAVE STRIPING - DUR TY - 6 IN W	LF	18	72,121
06557	PAVE STRIPING - DUR TY - 6 IN Y	LF	18	60,443
06560	PAVE STRIPING-DUR TY 1-12 IN W	LF	18	889
06610	INLAID PAVEMENT MARKER - MW	EACH		755
06613	INLAID PAVEMENT MARKER - B-W/R	EACH		34
08903	CRASH CUSHION TY VI CLASS BT TL3	EACH	3	2
10020NS	FUEL ADJUSTMENT	DOLL	18	102,948
10030NS	ASPHALT ADJUSTMENT	DOLL	18	171,084
20191ED	OBJECT MARKER TY 3	EACH		8
20359NN	GALVANIZED STEEL CABINET	EACH	6	4
20360ES818	WOOD POST	EACH	6	8
20391NS835	ELECTRICAL JUNCTION BOX TYPE A	EACH	6	4
20412ED	REMOVE ASPHALT SHOULDER	SQYD		79,334
20430ED	SAW CUT	LF		2,007
20432ES112	REMOVE CRASH CUSHION	EACH		1
20758ED	REMOVE AND RESET PERFORATED PIPE HEADWALL	EACH		165
22664EN	WATER BLASTING EXISTING STRIPE	LF	3	67,993
23147EN	HIGH TENSION CABLE-ROPE	LF	9	1,180
23148EN	END ANCHORS	EACH	9	4



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				<b>I-24</b>
24255EC	REMOVE CABLE GUARDRAIL BARRIER SYSTEM	LF	9	1,180
24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT	SQFT		25,641
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	TON	18	56
25050ED	GEOTEXTILE BOND BREAKER INTERLAYER	SQYD		73,219
25075EC	QUEUE PROTECTION VEHICLE	HOUR		250
25117EC	FURNISH QUEUE PROTECTION VEHICLES	MONTH		8
26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	MONTH		8
26137EC	QUEUE WARNING PCMS	MONTH		32
26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	MONTH		32

**NOTES:**

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15. Total includes 50 TON for slab replacements.
16. Total includes 45 EACH for slab replacements.
17. For slab replacements.
18. Quantities are for concrete pavement alternative only. All other bid quantities are the same for
19. Ditching and shouldering will be paid by the plan quantity.

**SCHEDULE AND SUMMARY OF PAVEMENT UNDERDRAIN**

I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00

DIRECTION	INSIDE SHOULDER	OUTSIDE SHOULDER	MP 86.77 TO MP 92.031		NOTES	LIN. FT.				REMOVE AND RESET PERF PIPE HEADWALL					EACH		
			STATION	MILEPOINT		PERFORATED PIPE EDGE DRAIN - 4 IN.	PERFORATED PIPE EDGE DRAIN - 6 IN.	PVC PIPE 4 INCH	PVC PIPE 6 INCH	TYPE 14 IN (2:1)	TYPE 16 IN (2:1)	TYPE 24 IN (3:1)	TYPE 34 IN (4:1)	TYPE 44 IN (6:1)			
						01005	01006	03383	03385	20758ED	01741						
<b>I-24 CENTERLINE ALIGNMENT</b>																	
		X	5762+47 TO 5765+00	86.770 TO 86.818		253		21									
		X	5765+00 TO 5768+00	86.818 TO 86.875		300		21							1		
		X	5768+00 TO 5771+00	86.875 TO 86.931		300		21							1		
		X	5771+00 TO 5774+00	86.931 TO 86.988		300		21							1		
		X	5774+00 TO 5777+00	86.988 TO 87.045		300		21							1		
		X	5777+00 TO 5780+00	87.045 TO 87.102		300		21							1		
		X	5780+00 TO 5783+00	87.102 TO 87.159		300		21							1		
		X	5783+00 TO 5786+00	87.159 TO 87.216		300		21							1		
		X	5786+00 TO 5786+45	87.216 TO 87.224		45		17					1				
		X	5786+45 TO 5789+00	87.224 TO 87.272		255		17					1				
		X	5789+00 TO 5792+00	87.272 TO 87.329		300		19					1				
		X	5792+00 TO 5795+00	87.329 TO 87.386		300		21							1		
		X	5795+00 TO 5798+00	87.386 TO 87.443		300		21							1		
		X	5798+00 TO 5800+01	87.443 TO 87.481		201		21							1		
		X	5817+54 TO 5820+50	87.813 TO 87.869		296		21							1		
		X	5820+50 TO 5823+50	87.869 TO 87.926		300		21							1		
		X	5823+50 TO 5826+50	87.926 TO 87.983		300		21							1		
		X	5826+50 TO 5829+50	87.983 TO 88.039		300		21							1		
		X	5829+50 TO 5832+50	88.039 TO 88.096		300		21							1		
		X	5832+50 TO 5835+50	88.096 TO 88.153		300		21							1		
		X	5835+50 TO 5838+50	88.153 TO 88.210		300		21							1		

SCHEDULE AND SUMMARY OF PAVEMENT UNDERDRAIN															
I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00															
DIRECTION	MP 86.77 TO MP 92.031		STATION	MILEPOINT	NOTES	LIN. FT.				REMOVE AND RESET PERF PIPE HEADWALL					EACH
	EASTBOUND	WESTBOUND				PERFORATED PIPE EDGE DRAIN - 4 IN.	PERFORATED PIPE EDGE DRAIN - 6 IN.	PVC PIPE 4 INCH	PVC PIPE 6 INCH	TYPE 14 IN (2:1)	TYPE 16 IN (2:1)	TYPE 24 IN (3:1)	TYPE 34 IN (4:1)	TYPE 44 IN (6:1)	
						01005	01006	03383	03385	20758	ED	01741			
						300		21				1			
						249		21				1			
						284		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						200		21				1			
						149		21				1			
						170		21				1			
						222		21				1			
						117		21				1			
						261		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						300		21				1			
						300		21				1			

SCHEDULE AND SUMMARY OF PAVEMENT UNDERDRAIN																		
I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00																		
DIRECTION	MP 86.77 TO MP 92.031		NOTES	LIN. FT.				REMOVE AND RESET PERF PIPE HEADWALL										
	EASTBOUND	WESTBOUND		INSIDE SHOULDER	OUTSIDE SHOULDER	STATION	MILEPOINT	PERFORATED PIPE EDGE DRAIN - 4 IN.	PERFORATED PIPE EDGE DRAIN - 6 IN.	PVC PIPE 4 INCH	PVC PIPE 6 INCH	TYPE 14 IN (2:1)	TYPE 16 IN (2:1)	TYPE 24 IN (3:1)	TYPE 34 IN (4:1)	TYPE 44 IN (6:1)	EACH	
								01005	01006	03383	03385	20758ED	01741					
X			X	X	5933+50 TO 5936+50	90.009 TO 90.066		300		21					1			
X			X	X	5936+50 TO 5939+50	90.066 TO 90.123		300		21					1			
X			X	X	5939+50 TO 5941+08	90.123 TO 90.153		158		21					1			
X			X	X	5941+08 TO 5944+00	90.153 TO 90.208		292		21					1			
X			X	X	5944+00 TO 5947+00	90.208 TO 90.265		300		21					1			
X			X	X	5947+00 TO 5950+00	90.265 TO 90.322		300		21					1			
X			X	X	5950+00 TO 5953+00	90.322 TO 90.378		300		21					1			
X			X	X	5953+00 TO 5956+00	90.378 TO 90.435		300		21					1			
X			X	X	5956+00 TO 5959+00	90.435 TO 90.492		300		21					1			
X			X	X	5959+00 TO 5962+00	90.492 TO 90.549		300		21					1			
X			X	X	5962+00 TO 5965+00	90.549 TO 90.606		300		21					1			
X			X	X	5965+00 TO 5968+00	90.606 TO 90.663		300		21					1			
X			X	X	5968+00 TO 5971+00	90.663 TO 90.719		300		21					1			
X			X	X	5971+00 TO 5974+00	90.719 TO 90.776		300		19					1			
X			X	X	5974+00 TO 5977+00	90.776 TO 90.833		300		17					1			
X			X	X	5977+00 TO 5980+00	90.833 TO 90.890		300		17					1			
X			X	X	5980+00 TO 5983+00	90.890 TO 90.947		300		19					1			
X			X	X	5983+00 TO 5986+00	90.947 TO 91.003		300		21					1			
X			X	X	5986+00 TO 5989+00	91.003 TO 91.060		300		21					1			
X			X	X	5989+00 TO 5992+00	91.060 TO 91.117		300		21					1			
X			X	X	5992+00 TO 5995+00	91.117 TO 91.174		300		21					1			
X			X	X	5995+00 TO 5998+00	91.174 TO 91.231		300		21					1			

**SCHEDULE AND SUMMARY OF PAVEMENT UNDERDRAIN**

I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00

DIRECTION	INSIDE SHOULDER	OUTSIDE SHOULDER	MP 86.77 TO MP 92.031		NOTES	LIN. FT.				REMOVE AND RESET PERF PIPE HEADWALL					EACH	
			STATION	MILEPOINT		PERFORATED PIPE EDGE DRAIN - 4 IN.	PERFORATED PIPE EDGE DRAIN - 6 IN.	PVC PIPE 4 INCH	PVC PIPE 6 INCH	TYPE 14 IN (2:1)	TYPE 16 IN (2:1)	TYPE 24 IN (3:1)	TYPE 34 IN (4:1)	TYPE 44 IN (6:1)		CORED HOLE DRAINAGE BOX CON-6 IN
						01005	01006	03383	03385	20758ED	01741					
						300		21								
						157		25							1	
						243		21							1	
						250		19		1						
						280		17						1		
						300		17						1		
						300		19		1						
						300		21								
						300		21								
						300		25							1	
						300		21								
						300		21								
						300		21								
						275		21								
<b>I-24 EASTBOUND BASELINE ALIGNMENT</b>																
X		X	5762+54 TO 5765+00	86.770 TO 86.817		246		21							1	
X		X	5765+00 TO 5768+00	86.817 TO 86.873		300		21							1	
X		X	5768+00 TO 5771+00	86.873 TO 86.930		300		21							1	
X		X	5771+00 TO 5774+00	86.930 TO 86.987		300		21							1	
X		X	5774+00 TO 5777+00	86.987 TO 87.044		300		21							1	
X		X	5777+00 TO 5780+00	87.044 TO 87.101		300		21							1	
X		X	5780+00 TO 5783+00	87.101 TO 87.157		300		21							1	

**SCHEDULE AND SUMMARY OF PAVEMENT UNDERDRAIN**

**I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00**

DIRECTION	MP 86.77 TO MP 92.031		NOTES	LIN. FT.				REMOVE AND RESET PERF PIPE HEADWALL					EACH				
	EASTBOUND	WESTBOUND		INSIDE SHOULDER	OUTSIDE SHOULDER	STATION	MILEPOINT	PERFORATED PIPE EDGE DRAIN - 4 IN.	PERFORATED PIPE EDGE DRAIN - 6 IN.	PVC PIPE 4 INCH	PVC PIPE 6 INCH	TYPE 14 IN (2:1)		TYPE 16 IN (2:1)	TYPE 24 IN (3:1)	TYPE 34 IN (4:1)	TYPE 44 IN (6:1)
X			X		5783+00 TO 5785+00	87.157 TO 87.195	01005	01006	03383	03385							01741
X			X		5785+00 TO 5786+51	87.195 TO 87.224	200		19								
X			X		5786+51 TO 5789+50	87.224 TO 87.281	151		17			1					
X			X		5789+50 TO 5792+50	87.281 TO 87.337	299		17			1					
X			X		5792+50 TO 5795+50	87.337 TO 87.394	300		19				1				
X			X		5795+50 TO 5798+50	87.394 TO 87.451	300		21								
X			X		5798+50 TO 5801+50	87.451 TO 87.508	300		21								
X			X		5801+50 TO 5804+50	87.508 TO 87.565	300		21								
X			X		5804+50 TO 5807+50	87.565 TO 87.621	300		21								
X			X		5807+50 TO 5810+50	87.621 TO 87.678	300		21								
X			X		5810+50 TO 5812+18	87.678 TO 87.710	168		21								
X			X		5812+18 TO 5815+00	87.710 TO 87.763	282		21								
X			X		5815+00 TO 5818+00	87.763 TO 87.820	300		21								
X			X		5818+00 TO 5821+00	87.820 TO 87.877	300		21								
X			X		5821+00 TO 5824+00	87.877 TO 87.934	300		21								
X			X		5824+00 TO 5827+00	87.934 TO 87.991	300		21								
X			X		5827+00 TO 5830+00	87.991 TO 88.048	300		21								
X			X		5830+00 TO 5833+00	88.048 TO 88.104	300		21								
X			X		5833+00 TO 5836+00	88.104 TO 88.161	300		21								
X			X		5836+00 TO 5839+00	88.161 TO 88.218	300		21								
X			X		5839+00 TO 5842+00	88.218 TO 88.275	300		21								
X			X		5842+00 TO 5845+00	88.275 TO 88.332	300		21								

**SCHEDULE AND SUMMARY OF PAVEMENT UNDERDRAIN**  
**I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00**

DIRECTION	MP 86.77 TO MP 92.031		NOTES	LIN. FT.				REMOVE AND RESET PERF PIPE HEADWALL					EACH				
	EASTBOUND	WESTBOUND		INSIDE SHOULDER	OUTSIDE SHOULDER	STATION	MILEPOINT	PERFORATED PIPE EDGE DRAIN - 4 IN.	PERFORATED PIPE EDGE DRAIN - 6 IN.	PVC PIPE 4 INCH	PVC PIPE 6 INCH	TYPE 14 IN (2:1)		TYPE 16 IN (2:1)	TYPE 24 IN (3:1)	TYPE 34 IN (4:1)	TYPE 44 IN (6:1)
X			X		5845+00 TO 5848+00	88.332 TO 88.388	01005	01006	03383	03385							01741
X			X		5848+00 TO 5850+00	88.388 TO 88.426	300		21					1			
X			X		5850+00 TO 5851+52	88.426 TO 88.455	200		21					1			
X			X		5856+82 TO 5859+50	88.556 TO 88.606	152		21					1			
X			X		5859+50 TO 5862+50	88.606 TO 88.663	268		21					1			
X			X		5862+50 TO 5865+50	88.663 TO 88.720	300		21					1			
X			X		5865+50 TO 5868+50	88.720 TO 88.777	300		21					1			
X			X		5868+50 TO 5871+50	88.777 TO 88.834	300		21					1			
X			X		5871+50 TO 5874+50	88.834 TO 88.890	300		21					1			
X			X		5874+50 TO 5877+50	88.890 TO 88.947	300		21					1			
X			X		5877+50 TO 5880+00	88.947 TO 88.995	250		21					1			
X			X		5880+00 TO 5881+54	88.995 TO 89.024	154		21					1			
X			X		5881+54 TO 5882+62	89.024 TO 89.044	108		21					1			
X			X		5897+42 TO 5900+00	89.324 TO 89.373	258		21					1			
X			X		5900+00 TO 5903+00	89.373 TO 89.430	300		21					1			
X			X		5903+00 TO 5906+00	89.430 TO 89.487	300		21					1			
X			X		5906+00 TO 5908+33	89.487 TO 89.531	233		21					1			
X			X		5908+33 TO 5911+00	89.531 TO 89.582	267		21					1			
X			X		5911+00 TO 5914+00	89.582 TO 89.638	300		21					1			
X			X		5914+00 TO 5917+00	89.638 TO 89.695	300		21					1			
X			X		5917+00 TO 5920+00	89.695 TO 89.752	300		21					1			
X			X		5920+00 TO 5923+00	89.752 TO 89.809	300		21					1			

**SCHEDULE AND SUMMARY OF PAVEMENT UNDERDRAIN**

I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00

DIRECTION	INSIDE SHOULDER	OUTSIDE SHOULDER	MP 86.77 TO MP 92.031		NOTES	LIN. FT.				REMOVE AND RESET PERF PIPE HEADWALL					EACH			
			STATION	MILEPOINT		PERFORATED PIPE EDGE DRAIN - 4 IN.	PERFORATED PIPE EDGE DRAIN - 6 IN.	PVC PIPE 4 INCH	PVC PIPE 6 INCH	TYPE 14 IN (2:1)	TYPE 16 IN (2:1)	TYPE 24 IN (3:1)	TYPE 34 IN (4:1)	TYPE 44 IN (6:1)		CORED HOLE DRAINAGE BOX CON-6 IN		
X		X	5923+00 TO 5926+00	89.809 TO 89.866		01005	01006	03383	03385								20758ED	01741
X		X	5926+00 TO 5929+00	89.866 TO 89.923		300		21							1			
X		X	5929+00 TO 5932+00	89.923 TO 89.979		300		21							1			
X		X	5932+00 TO 5935+00	89.979 TO 90.036		300		21							1			
X		X	5935+00 TO 5937+00	90.036 TO 90.074		200		21							1			
X		X	5937+00 TO 5939+00	90.074 TO 90.112		200		21							1			
X		X	5939+00 TO 5941+03	90.112 TO 90.150		203		21							1			
X		X	5941+03 TO 5943+50	90.150 TO 90.197		247		21							1			
X		X	5943+50 TO 5945+72	90.197 TO 90.239		222		21							1			
X		X	5951+56 TO 5954+50	90.350 TO 90.406		294		21							1			
X		X	5954+50 TO 5957+50	90.406 TO 90.462		300		21							1			
X		X	5957+50 TO 5960+50	90.462 TO 90.519		300		21							1			
X		X	5960+50 TO 5963+50	90.519 TO 90.576		300		21							1			
X		X	5963+50 TO 5966+50	90.576 TO 90.633		300		21							1			
X		X	5966+50 TO 5969+50	90.633 TO 90.690		300		21							1			
X		X	5969+50 TO 5972+50	90.690 TO 90.746		300		21							1			
X		X	5972+50 TO 5975+50	90.746 TO 90.803		300		21							1			
X		X	5975+50 TO 5978+50	90.803 TO 90.860		300		19								1		
X		X	5978+50 TO 5981+50	90.860 TO 90.917		300		17								1		
X		X	5981+50 TO 5984+50	90.917 TO 90.974		300		17								1		
X		X	5984+50 TO 5987+50	90.974 TO 91.031		300		19									1	
X		X	5987+50 TO 5990+50	91.031 TO 91.087		300		21										1



**SCHEDULE AND SUMMARY OF PAVEMENT UNDERDRAIN**

I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00

DIRECTION	INSIDE SHOULDER	OUTSIDE SHOULDER	MP 86.77 TO MP 92.031		NOTES	LIN. FT.				REMOVE AND RESET PERF PIPE HEADWALL					EACH				
			STATION	MILEPOINT		PERFORATED PIPE EDGE DRAIN - 4 IN.	PERFORATED PIPE EDGE DRAIN - 6 IN.	PVC PIPE 4 INCH	PVC PIPE 6 INCH	TYPE 14 IN (2:1)	TYPE 16 IN (2:1)	TYPE 24 IN (3:1)	TYPE 34 IN (4:1)	TYPE 44 IN (6:1)		CORED HOLE DRAINAGE BOX CON-6 IN			
X		X	5990+50 TO 5993+50	91.087 TO 91.144		01005	01006	03383	03385								20758ED	01741	
X		X	5993+50 TO 5996+50	91.144 TO 91.201		300		21											
X		X	5996+50 TO 5998+50	91.201 TO 91.239		300		21											
X		X	5998+50 TO 6000+50	91.239 TO 91.277		200		21											
X		X	6000+50 TO 6002+56	91.277 TO 91.316		200		25											
X		X	6002+56 TO 6005+50	91.316 TO 91.371		206		21											
X		X	6005+50 TO 6007+50	91.371 TO 91.409		294		19											
X		X	6010+69 TO 6013+50	91.470 TO 91.523		200		17											
X		X	6013+50 TO 6016+50	91.523 TO 91.580		281		17											
X		X	6016+50 TO 6018+50	91.580 TO 91.618		300		19											
X		X	6018+50 TO 6020+65	91.618 TO 91.658		200		21											
X		X	6038+32 TO 6040+32	91.993 TO 92.031		215		25											
X		X	5762+54 TO 5765+27	86.770 TO 86.822		200		21											
X		X	5765+27 TO 5774+38	86.822 TO 86.994					28										
X		X	5774+38 TO 5786+51	86.994 TO 87.224					28										
X		X	5786+51 TO 5795+00	87.224 TO 87.385					92										
X		X	5795+00 TO 5800+08	87.385 TO 87.481					92										
X		X	5817+59 TO 5821+35	87.813 TO 87.884					28										
X		X	5821+35 TO 5831+85	87.884 TO 88.083					28										
X		X	5831+85 TO 5844+75	88.083 TO 88.327					28										
X		X	5844+75 TO 5851+89	88.327 TO 88.462					28										
X		X	5851+89 TO 5861+76	88.462 TO 88.649					28										

**SCHEDULE AND SUMMARY OF PAVEMENT UNDERDRAIN**

I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00

DIRECTION	INSIDE SHOULDER	OUTSIDE SHOULDER	MP 86.77 TO MP 92.031		NOTES	LIN. FT.				REMOVE AND RESET PERF PIPE HEADWALL					EACH		
			STATION	MILEPOINT		PERFORATED PIPE EDGE DRAIN - 4 IN.	PERFORATED PIPE EDGE DRAIN - 6 IN.	PVC PIPE 4 INCH	PVC PIPE 6 INCH	TYPE 14 IN (2:1)	TYPE 16 IN (2:1)	TYPE 24 IN (3:1)	TYPE 34 IN (4:1)	TYPE 44 IN (6:1)		CORED HOLE DRAINAGE BOX CON-6 IN	
X			5861+76 TO 5867+85	88.649 TO 88.764		01005	01006	03383	03385							20758ED	01741
X	X		5867+85 TO 5876+84	88.764 TO 88.935			609		28								1
X	X		5876+84 TO 5881+54	88.935 TO 89.024			470		40								1
X	X		5881+54 TO 5885+88	89.024 TO 89.106			434		40								1
X	X		5885+88 TO 5892+22	89.106 TO 89.226			634		28								1
X	X		5909+84 TO 5917+98	89.560 TO 89.714			814		175								1
X	X		5917+98 TO 5929+47	89.714 TO 89.931			1149		28								1
X	X		5929+47 TO 5941+03	89.931 TO 90.150			1156		28								1
X	X		5941+03 TO 5948+88	90.150 TO 90.299			785		28								1
X	X		5948+88 TO 5956+50	90.299 TO 90.443			762		28								1
X	X		5956+50 TO 5969+50	90.443 TO 90.690			1300		28								1
X	X		5969+50 TO 5981+01	90.690 TO 90.908			1151		28								1
X	X		5981+01 TO 5990+00	90.908 TO 91.078			899		28								1
X	X		5990+00 TO 5996+96	91.078 TO 91.210			696		28								1
X	X		5996+96 TO 6002+56	91.210 TO 91.316			560		28								1
X	X		6002+56 TO 6007+47	91.316 TO 91.409			491		28								1
X	X		6010+69 TO 6013+74	91.470 TO 91.527			305		30				1				1
X	X		6013+74 TO 6023+48	91.527 TO 91.712			974		28								1
X	X		6023+48 TO 6031+81	91.712 TO 91.870			833		28								1
X	X		6031+81 TO 6039+04	91.870 TO 92.007			723		28								1
X	X		6039+04 TO 6040+32	92.007 TO 92.031			128		28								1

SCHEDULE AND SUMMARY OF PAVEMENT UNDERDRAIN																
I-24 - CHRISTIAN COUNTY - ITEM NO. 02-20013.00																
DIRECTION	INSIDE SHOULDER	OUTSIDE SHOULDER	MP 86.77 TO MP 92.031		MILEPOINT	STATION	LIN. FT.					EACH				
			WESTBOUND	EASTBOUND			PERFORATED PIPE EDGE DRAIN - 4 IN.	PERFORATED PIPE EDGE DRAIN - 6 IN.	PVC PIPE 4 INCH	PVC PIPE 6 INCH	TYPE 1-4 IN (2:1)		TYPE 1-6 IN (2:1)	TYPE 2-4 IN (3:1)	TYPE 3-4 IN (4:1)	TYPE 4-4 IN (6:1)
							01005	01006	03383	03385	20758ED	01741				
<b>PROJECT TOTALS:</b>							45,155	23,943	3,390	1,169	12	1	11	137	4	30

1. Quantities are carried over and included in General Summary.
2. All perforated pipe headwalls require 1 ton of Crushed Aggregate No. 2. Total for Crushed Aggregate No. 2 is 165 tons.
3. Perforated pipe headwall types shall be confirmed by the Contractor.
4. All existing perforated pipe headwalls located on the Westbound outside, Eastbound outside, and Eastbound inside shoulders within the project limits shall be removed. A total of 303 existing perforated pipe headwalls have been identified and are located as follows:  
Westbound outside shoulder - 110; Eastbound outside shoulder - 116; Eastbound inside shoulder - 77.  
Remove and Reset 165 of the 303 existing perforated pipe headwalls, as approved and directed by the Engineer. Payment shall be the bid item "Remove and Reset Perforated Pipe Headwall". The remaining perforated pipe headwalls shall be removed and shall be incidental to bid item "Ditching and Shouldering".

### 10 IN Slab Replacement Summary

#### Patch Tracking - MP 86.77 to MP 92.03 Westbound

LOCATION	WIDTH	LENGTH	SOYDS
91.987 R	12	9	12.000
91.952 R	12	33	44.000
91.917 R	12	20	26.667
91.737 R	12	22	29.333
91.674 R	12	12	16.000
91.667 R	12	15	20.000
91.654 R	12	6	8.000
91.586 R	12	14	18.667
91.530 R	12	6	8.000
91.416 R	12	6	8.000
91.286 R	12	6	8.000
91.268 R	12	18	24.000
91.216	23	12	30.667
91.191 R	12	6	8.000
91.112 R	12	6	8.000
91.002 R	12	26	34.667
90.976 R	12	32	42.667
90.951 R	12	20	26.667
90.820 R	12	12	16.000
90.804 R	12	15	20.000
90.732 R	12	6	8.000
90.722 R	12	6	8.000
90.696 R	12	6	8.000
90.661 R	12	8	10.667
90.659 R	12	6	8.000
90.563 R	12	16	21.333
90.535 R	12	6	8.000
90.498 R	12	35	46.667
90.380 R	12	25	33.333
90.252 R	12	6	8.000
89.340 R	12	60	80.000
88.958 R	12	8	10.667
88.232 R	12	9	12.000
88.217 L	12	6	8.000
88.169 R	12	20	26.667
88.165 R	12	6	8.000
88.161 R	12	45	60.000
88.161 L	12	6	8.000
88.086 R	12	6	8.000
87.919 R	12	70	93.333
87.868 R	12	18	24.000
87.411 R	12	20	26.667
87.37 R	12	8	10.667
87.27 R	12	8	10.667
87.250 R	12	8	10.667
87.221 R	12	6	8.000
87.150 R	12	6	8.000
87.148 R	12	6	8.000

1. Westbound JPC Pavement - 10 IN Slab Replacement Summary Locations and Dimensions are provided for bidding purposes only.

2. Locations and Dimensions are current and may vary at time of project start. Final locations and dimensions shall be approved and as directed by the Engineer.

3. Contrary to Note 4, on the 15' Joint Spacing, 25' Joint Spacing and 50' Joint Spacing Detail Sheets, if  $L \geq 12'$ , install new 1.5-inch tie bars, 18 inches long, on 30 inch centers, in the Longitudinal Joint using Epoxy Type IV. This applies to one or more lanes being removed.

L is the Length in Linear Feet, provided.

**PROPOSAL BID ITEMS**

221020

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Report Date 4/20/22

**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	17,979.00	TON		\$	
0020	00008		CEMENT STABILIZED ROADBED	73,219.00	SQYD		\$	
0030	00100		ASPHALT SEAL AGGREGATE	637.00	TON		\$	
0040	00103		ASPHALT SEAL COAT	76.00	TON		\$	
0050	00194		LEVELING & WEDGING PG76-22	533.00	TON		\$	
0060	00312		CL3 ASPH SURF 0.50D PG64-22	6,369.00	TON		\$	
0070	00358		ASPHALT CURING SEAL	146.00	TON		\$	
0080	02069		JPC PAVEMENT-10 IN	1,000.00	SQYD		\$	
0090	02542		CEMENT	1,423.00	TON		\$	
0100	02677		ASPHALT PAVE MILLING & TEXTURING	843.00	TON		\$	
0110	02702		SAND FOR BLOTTER	183.00	TON		\$	
0120	25050ED		GEOTEXTILE BOND BREAKER INTERLAYER	73,219.00	SQYD		\$	

**Section: 0002 - PAVING- ASPHALT ALT**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0130	00208		CL4 ASPH BASE 1.50D PG64-22	21,405.00	TON		\$	
0140	00214		CL3 ASPH BASE 1.00D PG64-22	34,262.00	TON		\$	
0150	00217		CL4 ASPH BASE 1.00D PG64-22	17,964.00	TON		\$	
0160	00219		CL4 ASPH BASE 1.00D PG76-22	17,516.00	TON		\$	
0170	00335		CL4 ASPH SURF 0.50A PG76-22	6,686.00	TON		\$	
0180	06542		PAVE STRIPING-THERMO-6 IN W	39,466.00	LF		\$	
0190	06543		PAVE STRIPING-THERMO-6 IN Y	30,718.00	LF		\$	
0200	06546		PAVE STRIPING-THERMO-12 IN W	883.00	LF		\$	
0210	06556		PAVE STRIPING-DUR TY 1-6 IN W	35,284.00	LF		\$	
0220	06557		PAVE STRIPING-DUR TY 1-6 IN Y	29,725.00	LF		\$	
0230	06560		PAVE STRIPING-DUR TY 1-12 IN W	445.00	LF		\$	
0240	10020NS		FUEL ADJUSTMENT	176,584.00	DOLL	\$1.00	\$	\$176,584.00
0250	10030NS		ASPHALT ADJUSTMENT	409,472.00	DOLL	\$1.00	\$	\$409,472.00
0260	20071EC		JOINT ADHESIVE	99,174.00	LF		\$	
0270	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	735,357.00	SF		\$	
0280	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	113.00	TON		\$	

**Section: 0003 - PAVING- CONC ALT**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0290	00214		CL3 ASPH BASE 1.00D PG64-22	36,358.00	TON		\$	
0300	00335		CL4 ASPH SURF 0.50A PG76-22	465.00	TON		\$	
0310	02070		JPC PAVEMENT-12 IN	73,219.00	SQYD		\$	
0320	06542		PAVE STRIPING-THERMO-6 IN W	2,239.00	LF		\$	
0330	06546		PAVE STRIPING-THERMO-12 IN W	440.00	LF		\$	
0340	06556		PAVE STRIPING-DUR TY 1-6 IN W	72,121.00	LF		\$	
0350	06557		PAVE STRIPING-DUR TY 1-6 IN Y	60,443.00	LF		\$	
0360	06560		PAVE STRIPING-DUR TY 1-12 IN W	889.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0370	10020NS		FUEL ADJUSTMENT	102,948.00	DOLL	\$1.00	\$	\$102,948.00
0380	10030NS		ASPHALT ADJUSTMENT	171,084.00	DOLL	\$1.00	\$	\$171,084.00
0390	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	25,641.00	SF		\$	
0400	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	56.00	TON		\$	

**Section: 0004 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	00078		CRUSHED AGGREGATE SIZE NO 2	215.00	TON		\$	
0420	01005		PERFORATED PIPE EDGE DRAIN-4 IN	46,455.00	LF		\$	
0430	01006		PERFORATED PIPE EDGE DRAIN-6 IN	23,943.00	LF		\$	
0440	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
0500	01740		CORED HOLE DRAINAGE BOX CON-4 IN	5.00	EACH		\$	
0510	01741		CORED HOLE DRAINAGE BOX CON-6 IN	30.00	EACH		\$	
0520	01891		ISLAND HEADER CURB TYPE 2	80.00	LF		\$	
0530	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	59.00	EACH		\$	
0540	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	9.00	EACH		\$	
0550	01984		DELINEATOR FOR BARRIER - WHITE	755.00	EACH		\$	
0560	01986		DELINEATOR FOR BARRIER WALL-B/Y	755.00	EACH		\$	
0570	02003		RELOCATE TEMP CONC BARRIER	30,219.00	LF		\$	
0580	02058		REMOVE PCC PAVEMENT	1,000.00	SQYD		\$	
0590	02091		REMOVE PAVEMENT	73,219.00	SQYD		\$	
0600	02351		GUARDRAIL-STEEL W BEAM-S FACE	4,976.00	LF		\$	
0610	02352		GUARDRAIL-STEEL W BEAM-D FACE	218.00	LF		\$	
0620	02360		GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH		\$	
0630	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	4.00	EACH		\$	
0640	02365		CRASH CUSHION TYPE IX-A	1.00	EACH		\$	
0650	02367		GUARDRAIL END TREATMENT TYPE 1	8.00	EACH		\$	
0660	02369		GUARDRAIL END TREATMENT TYPE 2A	7.00	EACH		\$	
0670	02381		REMOVE GUARDRAIL	5,869.00	LF		\$	
0680	02387		GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	2.00	EACH		\$	
0690	02397		TEMP GUARDRAIL	150.00	LF		\$	
0700	02562		TEMPORARY SIGNS	2,500.00	SQFT		\$	
0710	02565		OBJECT MARKER TYPE 2	2.00	EACH		\$	
0720	02575		DITCHING AND SHOULDERING	27,778.00	LF		\$	
0730	02604		FABRIC-GEOTEXTILE CLASS 1A	1,000.00	SQYD		\$	
0740	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0750	02655		CROSSOVER CROSSOVER #1	1.00	LS		\$	
0760	02655		CROSSOVER CROSSOVER #2	1.00	LS		\$	
0770	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	
0780	02696		SHOULDER RUMBLE STRIPS	109,828.00	LF		\$	
0790	02701		TEMP SILT FENCE	2,589.00	LF		\$	
0800	02705		SILT TRAP TYPE C	4.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0810	02708		CLEAN SILT TRAP TYPE C	4.00	EACH		\$	
0820	02726		STAKING	1.00	LS		\$	
0830	02775		ARROW PANEL	4.00	EACH		\$	
0840	02898		RELOCATE CRASH CUSHION	1.00	EACH		\$	
0850	03171		CONCRETE BARRIER WALL TYPE 9T	60,438.00	LF		\$	
0860	03383		PVC PIPE-4 IN	4,565.00	LF		\$	
0870	03385		PVC PIPE-6 IN	1,169.00	LF		\$	
0880	05950		EROSION CONTROL BLANKET	30,000.00	SQYD		\$	
0890	05953		TEMP SEEDING AND PROTECTION	1,815.00	SQYD		\$	
0900	05963		INITIAL FERTILIZER	.30	TON		\$	
0910	05964		MAINTENANCE FERTILIZER	.20	TON		\$	
0920	05985		SEEDING AND PROTECTION	4,443.00	SQYD		\$	
0930	05992		AGRICULTURAL LIMESTONE	3.00	TON		\$	
0940	06511		PAVE STRIPING-TEMP PAINT-6 IN	453,285.00	LF		\$	
0950	06513		PAVE STRIPING-TEMP PAINT-12 IN	160.00	LF		\$	
0960	06549		PAVE STRIPING-TEMP REM TAPE-B	1,500.00	LF		\$	
0970	06550		PAVE STRIPING-TEMP REM TAPE-W	1,000.00	LF		\$	
0980	06551		PAVE STRIPING-TEMP REM TAPE-Y	1,000.00	LF		\$	
0990	06610		INLAID PAVEMENT MARKER-MW	755.00	EACH		\$	
1000	06613		INLAID PAVEMENT MARKER-B W/R	34.00	EACH		\$	
1010	08903		CRASH CUSHION TY VI CLASS BT TL3	2.00	EACH		\$	
1020	20191ED		OBJECT MARKER TY 3	8.00	EACH		\$	
1030	20412ED		REMOVE ASPHALT SHOULDER	79,334.00	SQYD		\$	
1040	20430ED		SAW CUT	2,007.00	LF		\$	
1050	20432ES112		REMOVE CRASH CUSHION	1.00	EACH		\$	
1055	20758ED		REMOVE AND RESET PERF PIPE HEADWALL (ADDED 4-20-22)	165.00	EACH		\$	
1060	22664EN		WATER BLASTING EXISTING STRIPE	67,993.00	LF		\$	
1070	23147EN		HIGH TENSION CABLE-ROPE BARRIER	1,180.00	LF		\$	
1080	23148EN		END ANCHORS	4.00	EACH		\$	
1090	24255EC		REMOVE CABLE GUARDRAIL BARRIER SYSTEM	1,180.00	LF		\$	
1100	25075EC		QUEUE PROTECTION VEHICLE	600.00	HOUR		\$	
1110	25117EC		FURNISH QUEUE PROTECTION VEHICLES	6.00	MONT		\$	
1120	26136EC		PORTABLE QUEUE WARNING ALERT SYSTEM	5.00	MONT		\$	
1130	26137EC		QUEUE WARNING PCMS	20.00	MONT		\$	
1140	26138EC		QUEUE WARNING PORTABLE RADAR SENSORS	20.00	MONT		\$	

**Section: 0005 - TRAFFIC LOOPS**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1150	04793		CONDUIT-1 1/4 IN	160.00	LF		\$	
1160	04795		CONDUIT-2 IN	40.00	LF		\$	
1170	04820		TRENCHING AND BACKFILLING	180.00	LF		\$	
1180	04829		PIEZOELECTRIC SENSOR	8.00	EACH		\$	
1190	04830		LOOP WIRE	3,360.00	LF		\$	
1200	04895		LOOP SAW SLOT AND FILL	800.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1210	20359NN		GALVANIZED STEEL CABINET	4.00	EACH		\$	
1220	20360ES818		WOOD POST	8.00	EACH		\$	
1230	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		\$	

#### Section: 0006 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1240	02568		MOBILIZATION	1.00	LS		\$	
1250	02569		DEMOBILIZATION	1.00	LS		\$	