



**TRANSPORTATION CABINET**

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

**Steven L. Beshear**  
Governor

**Michael W. Hancock, P.E.**  
Secretary

April 15, 2013

CALL NO. 425  
CONTRACT ID NO. 131020  
ADDENDUM # 2

Subject: Washington-Anderson Counties, 121GR13D020-FD04 SPP  
Letting April 19, 2013

- (1) Revised - Plan Sheet - R2C & R45
- (2) Revised - Material Summary - Pages 34-38 of 73
- (3) Revised - Bid Items - Pages 71-73 of 73

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 "Ryan Griffith".

Ryan Griffith  
Acting Director  
Division of Construction Procurement

RG:ks  
Enclosures



An Equal Opportunity Employer M/F/D

## GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
WASHINGTON ANDERSON	4-2046.00	R2C

ITEM	DESCRIPTION	UNIT	WASHINGTON COUNTY	ANDERSON COUNTY	PROJECT TOTALS	NOTES:
78	CRUSHED AGGREGATE SIZE NO. 2 (2)	TON	901	65	966	Estimated at 1 ton per Perf. Pipe Headwall; 778 tons used in Slide Repair area, See Slide Repair Detail Sheet
461	CULVERT PIPE - 15 IN	LF	10	0	10	Sta. 2309+00 left, use with remove headwall and place new sloped box outlet in slide repair area
1000	PERFORATED PIPE - 4 IN	LF	26	0	26	See Slide Repair Detail Sheet
1005	PERFORATED PIPE EDGE DRAIN - 4 INCH	LF	33,455	10,021	43,476	See Underdrain Summaries
1006	PERFORATED PIPE EDGE DRAIN - 6 INCH	LF	34,628	8,689	43,317	See Underdrain Summaries
1010	NON-PERFORATED PIPE - 4 INCH	LF	1,699	694	2,393	See Underdrain Summaries; Additional 250 ft per county for areas not easily drained
1011	NON-PERFORATED PIPE - 6 INCH	LF	1,086	556	1,642	See Underdrain Summaries; Additional 250 ft per county for areas not easily drained
1015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	LS	1		1	
1015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	LS		1	1	
1020	PERF PIPE HEADWALL TYP 1 - 4 INCH	EACH	51	19	70	See Underdrain Summaries; 2 add'l per county included for Base Failure Repairs & Slide Repair
1024	PERF PIPE HEADWALL TYP 2 - 4 INCH	EACH	5	5	10	See Underdrain Summaries; 5 add'l per county included for Base Failure Repairs
1028	PERF PIPE HEADWALL TYP 3 - 4 INCH	EACH	34	9	43	See Underdrain Summaries
1029	PERF PIPE HEADWALL TYP 3 - 6 INCH	EACH	16	9	25	See Underdrain Summaries
1432	SLOPED BOX OUTLET TY 1 - 15 INCH	EACH	1	0	1	Sta. 2309+00 left, use with remove headwall and place new sloped box outlet in slide repair area
1690	FLUME INLET TYPE 1	EACH	3	3	6	See Guardrail Summary; 37.5' nested guardrail per flume incidental to installation of flume
1691	FLUME INLET TYPE 2	EACH	35	13	48	See Guardrail Summary; 37.5' nested guardrail per flume incidental to installation of flume
1741	CORED HOLE DRAINAGE BOX CON - 6 IN	EACH	34	10	44	See Underdrain Summaries
1891	ISLAND HEADER CURB TY 2	LF	250	0	250	See Guardrail Summary
1897	ASPHALT WEDGE CURB	LF	22,710.5	9,570	32,280.5	See Guardrail Summary
1982	DELINEATOR FOR GUARDRAIL - M/W	EACH	273	120	393	Spaced 100 ft in tangents and 50 ft in curves
1983	DELINEATOR FOR GUARDRAIL - M/Y	EACH	21	0	21	Spaced 50 ft on median rail at approach to mainline bridges
1984	DELINEATOR FOR BARRIER WALL - MONO-DIRECTIONAL WHITE	EACH	10	0	10	Spaced 50 ft on mainline bridge
1985	DELINEATOR FOR BARRIER WALL - MONO-DIRECTIONAL YELLOW	EACH	10	0	10	Spaced 50 ft on mainline bridge
1990	DELINEATOR FOR BARRIER WALL - BI-DIRECTIONAL WHITE	EACH	10	0	10	Spaced 50 ft on Fairview Road Bridge over BG Parkway
2010	ADJUST MEDIAN BOX	EACH	32	14	46	See Adjust Median Box Detail Sheet
2014	BARRICADE - TYPE III	EACH	9	9	18	
2165	REMOVE PAVED DITCH	SY	44.4	0	44.4	See Remove Paved Ditch note in Project Notes; See sheet R10 Between Ramp D and Parkway
2200	ROADWAY EXCAVATION	CY	660	0	660	Excavation required as shown on Slide Repair Detail Sheet
2237	DITCHING	LF	3,000	1,500	4,500	Only used behind guardrail as directed by the Engineer. See note for 'Ditching and Shouldering' in 'Project Notes'.
2230	EMBANKMENT-IN-PLACE	CY	215	0	215	See Slide Repair Detail Sheet
2352	GUARDRAIL-STEEL W BEAM-D FACE	LF	275	0	275	See Guardrail Summary
2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	4	0	4	See Guardrail Summary
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	11	0	11	See Guardrail Summary
2365	CRASH CUSHION TYPE IX-A	EACH	2	0	2	See Guardrail Summary
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	25	6	31	See Guardrail Summary
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH	22	6	28	See Guardrail Summary
2381	REMOVE GUARDRAIL (1)	LF	26,627	9,369	35,996	See Guardrail Summary
2382	GUARDRAIL CONNECTOR TO SHLD BRIDGE PIER TY A	EACH	2	1	3	See Guardrail Summary
2384	GUARDRAIL CONNECTOR TO SHLD BRIDGE PIER TY A-1	EACH	0	1	1	See Guardrail Summary
2387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	EACH	2	0	2	See Guardrail Summary
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	5	0	5	See Guardrail Summary
2483	CHANNEL LINING CLASS II	TON	1,000	500	1,500	See Ditching note in the Project Notes
2484	CHANNEL LINING CLASS III	TON	500	250	750	See Ditching note in the Project Notes
2562	TEMPORARY SIGNS	SO FT	1,400	1,400	2,800	
2568	MOBILIZATION	LS			1	
2569	DEMOBILIZATION	LS			1	
2575	DITCHING AND SHOULDERING	LF	23,422	6,978	30,400	Required from Sta. 2169+24.5 to 2655+75 EB and WB except behind guardrail. See note in 'Project Notes'.
2587	HOOK BOLT WITH EXPAN ANCHOR	EACH	88	80	168	See Guardrail Summary
2599	FABRIC-GEOTEXTILE TYPE IV	SO YD	612	0	612	See Slide Repair Detail Sheet
2625	REMOVE HEADWALL	EACH	1	0	1	Sta. 2309+00 left, use with remove headwall and place new sloped box outlet in slide repair area
2650	MAINTAIN & CONTROL TRAFFIC	LS	1		1	
2650	MAINTAIN & CONTROL TRAFFIC	LS		1	1	
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	4	4	8	
2726	STAKING	LS	1		1	
2726	STAKING	LS		1	1	
2775	ARROW PANEL	EACH	1	1	2	
3225	TUBULAR MARKERS	EACH	475	220	695	100 additional included for Washington County; 50 additional included for Anderson County
3269	TRIM & REMOVE TREES	LF	57,923	25,978	83,901	Required from Sta. 2169+24.5 to 2655+75 EB and WB. See SN for Trim and Rem of Trees and Brush. Paid plan quantity.

- ① Deliver salvaged guardrail to the Central Sign Shop and Recycle Center in Frankfort, KY (502-564-8187).
- ② Estimated at 1.20 ton per CY

FILE NAME: G:\PWORK\VERDA.WYLIE\0697444\ROO20CSU-REVISED 4-15-13.DGN

USER: Verda.Wylie  
DATE PLOTTED: April 15, 2013

E-SHEET NAME: ROO20BSU

MicroStation v8.11.7.180

# GENERAL SUMMARY

REVISED 4-15-2013

ITEM	DESCRIPTION	UNIT	WASHINGTON COUNTY	ANDERSON COUNTY	PROJECT TOTALS	NOTES:
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2384	GUARDRAIL CONNECTOR TO SHLD BRIDGE PIER TY A-1	EACH	0	1	1	See Guardrail Summary
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2650	MAINTAIN & CONTROL TRAFFIC	LS	1		1	
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E-SHEET NAME: ROO20BSU

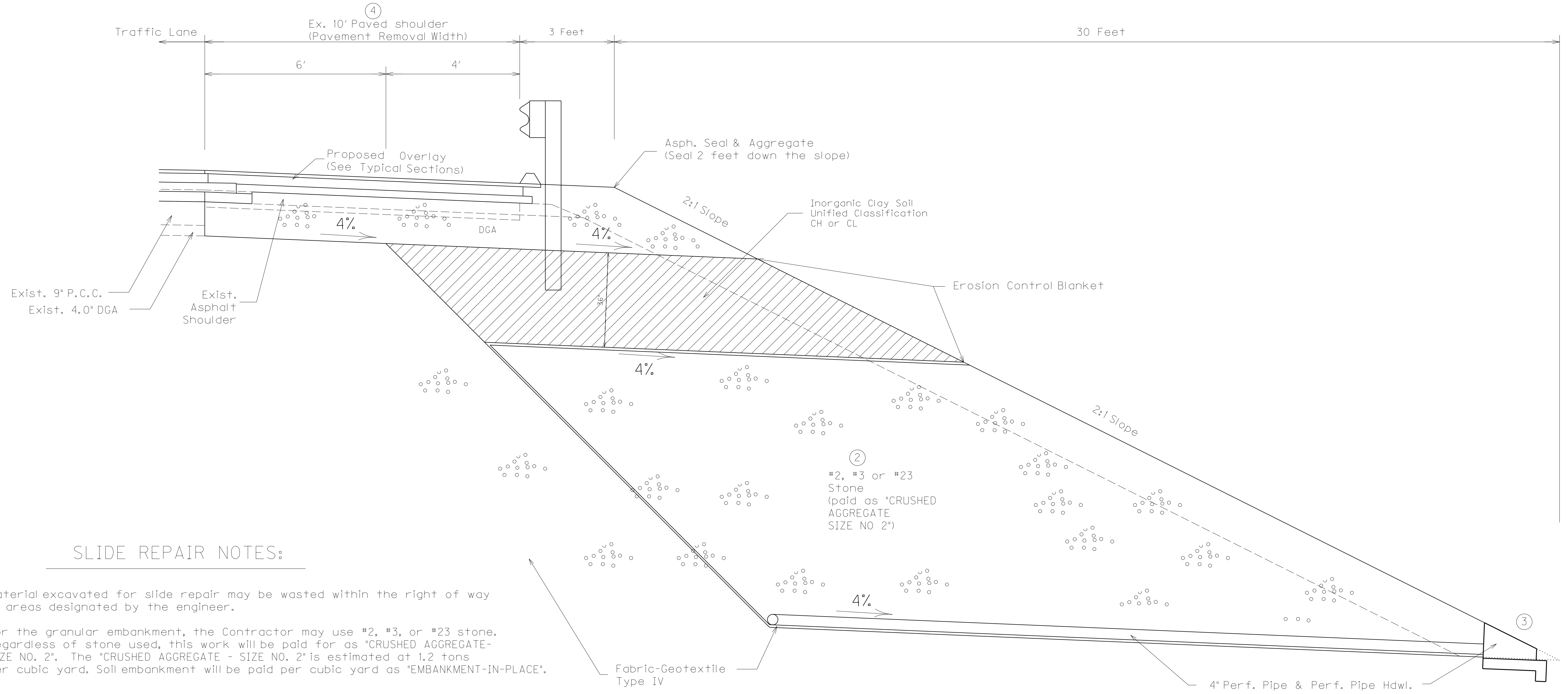
MicroStation v8.11.7.180



# SLIDE REPAIR DETAIL

REPAIR LOCATION

Repair No. 1: 2308+00 to 2309+00



## SLIDE REPAIR NOTES:

- 1 Material excavated for slide repair may be wasted within the right of way in areas designated by the engineer.
- 2 For the granular embankment, the Contractor may use #2, #3, or #23 stone. Regardless of stone used, this work will be paid for as "CRUSHED AGGREGATE - SIZE NO. 2". The "CRUSHED AGGREGATE - SIZE NO. 2" is estimated at 1.2 tons per cubic yard. Soil embankment will be paid per cubic yard as "EMBANKMENT-IN-PLACE".
- 3 Perforated pipe to be placed transversely at the lowpoint of the slide repair at 100 foot intervals. Perforated pipe & headwall quantities are included in the "General Summary". Cap existing perforated pipe and install headwalls at the beginning station and ending station of each slide.
- 4 The bid item "REMOVE PAVEMENT" shall constitute removal of existing pavement material and DGA beneath the pavement to the bottom of the DGA and shall be paid per square yard. Remove only the amount of shoulder necessary to excavate the area shown in this drawing. All other excavation shall be paid per cubic yard as "ROADWAY EXCAVATION".

## ESTIMATED QUANTITIES

	ROADWAY EXCAVATION	CRUSHED AGG NO 2	FABRIC-GEO TYPE IV	EMB-IN-PLACE	REMOVE PAVEMENT	4" PERF PIPE	EROSION CONTROL BLANKET	DGA
Sta. 2308+00 to 2309+00	660 CY	778 TONS	612 SY	215 CY	112 SY	26 LF	90 SY	192 TONS

NOT TO SCALE

BLUEGRASS PARKWAY  
SLIDE REPAIR  
DETAIL SHEET

FILE NAME: C:\PWORK\VERDA.WYLIE\069744A\ROADS00DS-REVISED 4-15-13.DGN

USER: Verda.Wylie  
DATE PLOTTED: April 15, 2013

E-SHEET NAME: R02300DS

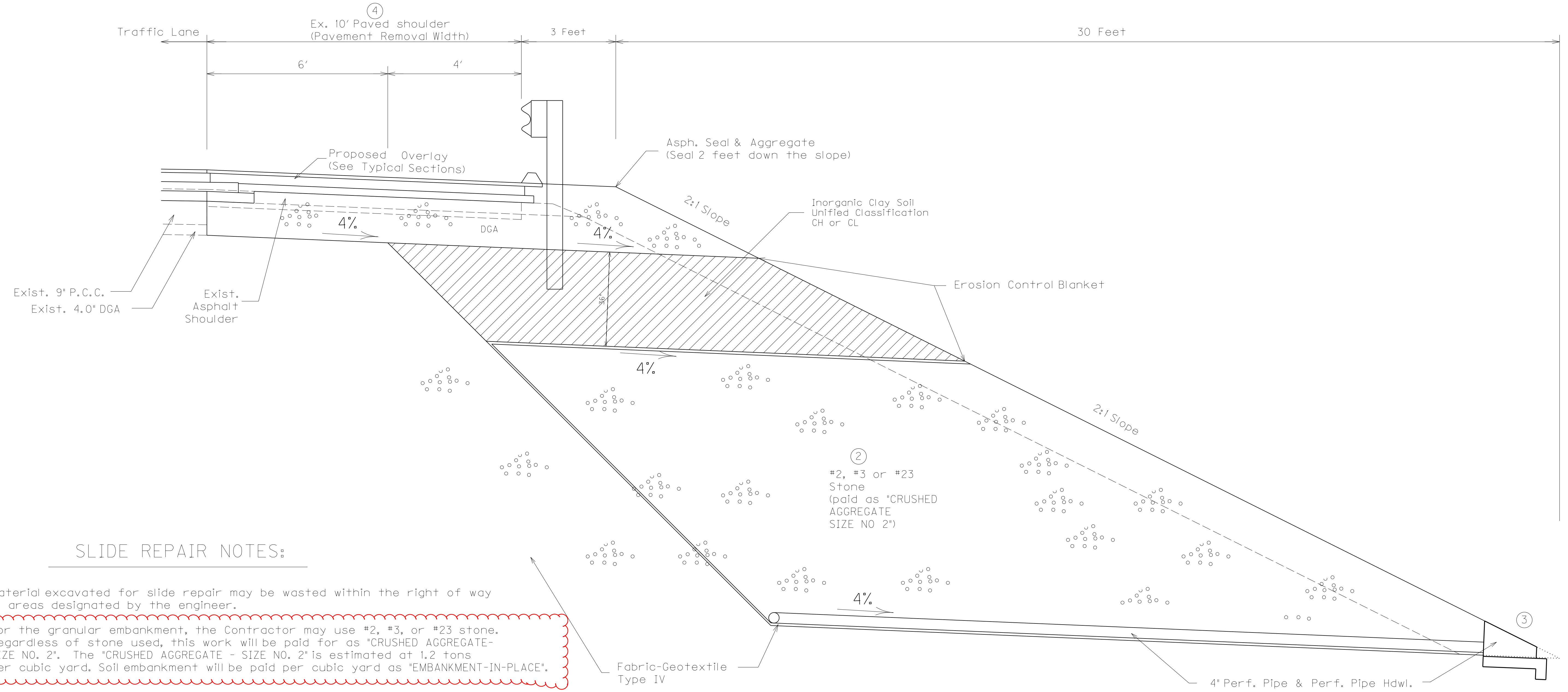
MicroStation v8.11.7.180

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REVISED 4-15-2013

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## ESTIMATED QUANTITIES

	ROADWAY EXCAVATION	CRUSHED AGG NO 2	FABRIC-GEO TYPE IV	EMB-IN-PLACE	REMOVE PAVEMENT	4" PERF PIPE	EROSION CONTROL BLANKET	DGA
Sta. 2308+00 to 2309+00	660 CY	778 TONS	612 SY	215 CY	112 SY	26 LF	90 SY	192 TONS

NOT TO SCALE

BLUEGRASS PARKWAY  
SLIDE REPAIR  
DETAIL SHEET

FILE NAME: C:\PWORK\VERDA.WYLIE\0697444\ROAD500DS-REVISED 4-15-13.DGN

USER: Verda.Wylie  
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E-SHEET NAME: R02300DS

MicroStation v8.11.7.180

# MATERIAL SUMMARY

**CONTRACT ID: 131020**

**121GR13D020-FD04 SPP**

**DE00390021320**

MARTHA LAYNE COLLINS PARKWAY (BG 9002) ASPHALT PAVEMENT REHAB ON MARTHA LAYNE COLLINS PARKWAY FROM MP 44.807 TO MP 47.300. ASPHALT REHAB WITH BRIDGE (S).

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	00001	DGA BASE	3,055.00	TON
0020	00071	CRUSHED AGGREGATE SIZE NO 57	771.00	TON
0030	00100	ASPHALT SEAL AGGREGATE	145.00	TON
0040	00103	ASPHALT SEAL COAT	18.00	TON
0050	00190	LEVELING & WEDGING PG64-22	175.00	TON
0060	00212	CL2 ASPH BASE 1.00D PG64-22	6,782.00	TON
0070	00214	CL3 ASPH BASE 1.00D PG64-22	21,405.00	TON
0080	00301	CL2 ASPH SURF 0.38D PG64-22	1,389.00	TON
0090	02107	BREAKING AND SEATING PAVEMENT	37,149.00	SQYD
0100	02676	MOBILIZATION FOR MILL & TEXT	1.00	LS
0110	02677	ASPHALT PAVE MILLING & TEXTURING	12,014.00	TON
0120	02696	SHOULDER RUMBLE STRIPS-SAWED	25,978.00	LF
0130	03240	BASE FAILURE REPAIR	500.00	SQYD
0140	10020NS	FUEL ADJUSTMENT	52,504.00	DOLL
0150	10030NS	ASPHALT ADJUSTMENT	129,115.00	DOLL
0160	22906ES403	CL3 ASPH SURF 0.38A PG64-22	2,631.00	TON
0170	00078	CRUSHED AGGREGATE SIZE NO 2	65.00	TON
0180	01005	PERFORATED PIPE EDGE DRAIN-4 IN	10,021.00	LF
0190	01006	PERFORATED PIPE EDGE DRAIN-6 IN	8,689.00	LF
0200	01010	NON-PERFORATED PIPE-4 IN	694.00	LF
0210	01011	NON-PERFORATED PIPE-6 IN	556.00	LF
0220	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS
0230	01020	PERF PIPE HEADWALL TY 1-4 IN	19.00	EACH
0240	01024	PERF PIPE HEADWALL TY 2-4 IN	5.00	EACH
0250	01028	PERF PIPE HEADWALL TY 3-4 IN	9.00	EACH
0260	01029	PERF PIPE HEADWALL TY 3-6 IN	9.00	EACH
0270	01690	FLUME INLET TYPE 1	3.00	EACH
0280	01691	FLUME INLET TYPE 2	13.00	EACH
0290	01741	CORED HOLE DRAINAGE BOX CON-6 IN	10.00	EACH
0300	01897	ASPHALT WEDGE CURB	9,570.00	LF
0310	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	120.00	EACH
0320	02010	ADJUST MEDIAN BOX	14.00	EACH
0330	02014	BARRICADE-TYPE III	9.00	EACH
0340	02237	DITCHING	1,500.00	LF
0350	02367	GUARDRAIL END TREATMENT TYPE 1	6.00	EACH
0360	02369	GUARDRAIL END TREATMENT TYPE 2A	6.00	EACH
0370	02381	REMOVE GUARDRAIL	9,369.00	LF
0380	02382	GUARDRAIL CONNECT-SHLD BRIDGE PIER TY A	1.00	EACH
0390	02384	GUARDRAIL CONNECT SHLD BRIDGE PIER TY A1	1.00	EACH
0400	02483	CHANNEL LINING CLASS II	500.00	TON
0410	02484	CHANNEL LINING CLASS III	250.00	TON
0420	02562	TEMPORARY SIGNS	1,400.00	SQFT

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0430	02575	DITCHING AND SHOULDERING	6,978.00	LF
0440	02587	HOOK BOLT WITH EXPAN ANCHOR	80.00	EACH
0450	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0460	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH
0470	02726	STAKING	1.00	LS
0480	02775	ARROW PANEL	1.00	EACH
0490	03225	TUBULAR MARKERS	220.00	EACH
0500	03269	TRIM & REMOVE TREES & BRUSH	25,978.00	LF
0510	05950	EROSION CONTROL BLANKET	40,843.00	SQYD
0520	05985	SEEDING AND PROTECTION	10,254.00	SQYD
0530	06417	FLEXIBLE DELINEATOR POST-W	30.00	EACH
0540	06418	FLEXIBLE DELINEATOR POST-Y	35.00	EACH
0550	06511	PAVE STRIPING-TEMP PAINT-6 IN	99,707.00	LF
0560	06549	PAVE STRIPING-TEMP REM TAPE-B	875.00	LF
0570	06550	PAVE STRIPING-TEMP REM TAPE-W	875.00	LF
0580	06551	PAVE STRIPING-TEMP REM TAPE-Y	250.00	LF
0590	06592	PAVEMENT MARKER TYPE V-B W/R	179.00	EACH
0600	08100	CONCRETE-CLASS A	8.80	CUYD
0610	08150	STEEL REINFORCEMENT	380.20	LB
0620	20071EC	JOINT ADHESIVE	12,990.00	LF
0630	20411ED	LAW ENFORCEMENT OFFICER	250.00	HOURL
0640	20467NS112	RELOCATE TUBULAR MARKER	170.00	EACH
0650	20545ND	TEMP MEDIAN CROSSOVER	2.00	EACH
0660	20758ED	REMOVE AND RESET PERF PIPE HEADWALL	23.00	EACH
0670	21451ED	FILL AND GRADE MEDIAN	12,990.00	LF
0680	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	9,950.00	LF
0690	22664EN	WATER BLASTING EXISTING STRIPE	28,485.00	LF
0700	23143ED	KPDES PERMIT AND TEMP EROSION CONTROL	1.00	LS
0710	23624EC	REMOVE AND RESET CRASH CUSHION	4.00	EACH
0720	24189ER	DURABLE WATERBORNE MARKING-6 IN W	17,394.00	LF
0730	24190ER	DURABLE WATERBORNE MARKING-6 IN Y	13,915.00	LF

**CONTRACT ID: 131020**

**121GR13D020-FD04 SPP**

**DE11590021320**

MARTHA LAYNE COLLINS PARKWAY (BG 9002) ASPHALT PAVEMENT REHAB ON MARTHA LAYNE COLLINS PARKWAY FROM MP 39.300 TO MP 44.807. ASPHALT REHAB WITH BRIDGE (S).

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	00001	DGA BASE	10,219.00	TON
0020	00071	CRUSHED AGGREGATE SIZE NO 57	2,890.00	TON
0030	00100	ASPHALT SEAL AGGREGATE	526.00	TON
0040	00103	ASPHALT SEAL COAT	64.00	TON
0050	00190	LEVELING & WEDGING PG64-22	2,418.00	TON
0060	00212	CL2 ASPH BASE 1.00D PG64-22	22,271.00	TON
0070	00214	CL3 ASPH BASE 1.00D PG64-22	69,186.00	TON
0080	00301	CL2 ASPH SURF 0.38D PG64-22	4,824.00	TON
0090	02091	REMOVE PAVEMENT	904.00	SQYD

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0100	02107	BREAKING AND SEATING PAVEMENT	120,326.00	SQYD
0110	02676	MOBILIZATION FOR MILL & TEXT	1.00	LS
0120	02677	ASPHALT PAVE MILLING & TEXTURING	40,671.00	TON
0130	02696	SHOULDER RUMBLE STRIPS-SAWED	85,004.00	LF
0140	03240	BASE FAILURE REPAIR	1,000.00	SQYD
0150	10020NS	FUEL ADJUSTMENT	176,218.00	DOLL
0160	10030NS	ASPHALT ADJUSTMENT	433,375.00	DOLL
0170	22906ES403	CL3 ASPH SURF 0.38A PG64-22	9,072.00	TON
0180	00078	CRUSHED AGGREGATE SIZE NO 2	901.00	TON
0190	00461	CULVERT PIPE-15 IN	10.00	LF
0200	01000	PERFORATED PIPE-4 IN	26.00	LF
0210	01005	PERFORATED PIPE EDGE DRAIN-4 IN	33,455.00	LF
0220	01006	PERFORATED PIPE EDGE DRAIN-6 IN	34,628.00	LF
0230	01010	NON-PERFORATED PIPE-4 IN	1,699.00	LF
0240	01011	NON-PERFORATED PIPE-6 IN	1,086.00	LF
0250	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS
0260	01020	PERF PIPE HEADWALL TY 1-4 IN	51.00	EACH
0270	01024	PERF PIPE HEADWALL TY 2-4 IN	5.00	EACH
0280	01028	PERF PIPE HEADWALL TY 3-4 IN	34.00	EACH
0290	01029	PERF PIPE HEADWALL TY 3-6 IN	16.00	EACH
0300	01432	SLOPED BOX OUTLET TYPE 1-15 IN	1.00	EACH
0310	01690	FLUME INLET TYPE 1	3.00	EACH
0320	01691	FLUME INLET TYPE 2	35.00	EACH
0330	01741	CORED HOLE DRAINAGE BOX CON-6 IN	34.00	EACH
0340	01891	ISLAND HEADER CURB TYPE 2	250.00	LF
0350	01897	ASPHALT WEDGE CURB	22,710.50	LF
0360	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	273.00	EACH
0370	01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	21.00	EACH
0380	01984	DELINEATOR FOR BARRIER - WHITE	10.00	EACH
0390	01985	DELINEATOR FOR BARRIER - YELLOW	10.00	EACH
0400	01990	DELINEATOR FOR BARRIER WALL-B/W	10.00	EACH
0410	02010	ADJUST MEDIAN BOX	32.00	EACH
0420	02014	BARRICADE-TYPE III	9.00	EACH
0430	02165	REMOVE PAVED DITCH	44.40	SQYD
0440	02200	ROADWAY EXCAVATION	660.00	CUYD
0450	02237	DITCHING	3,000.00	LF
0460	02352	GUARDRAIL-STEEL W BEAM-D FACE	275.00	LF
0470	02360	GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH
0480	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	11.00	EACH
0490	02365	CRASH CUSHION TYPE IX-A	2.00	EACH
0500	02367	GUARDRAIL END TREATMENT TYPE 1	25.00	EACH
0510	02369	GUARDRAIL END TREATMENT TYPE 2A	22.00	EACH
0520	02381	REMOVE GUARDRAIL	26,627.00	LF
0530	02382	GUARDRAIL CONNECT-SHLD BRIDGE PIER TY A	2.00	EACH
0540	02387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	2.00	EACH
0550	02391	GUARDRAIL END TREATMENT TYPE 4A	5.00	EACH
0560	02483	CHANNEL LINING CLASS II	1,000.00	TON
0570	02484	CHANNEL LINING CLASS III	500.00	TON
0580	02562	TEMPORARY SIGNS	1,400.00	SQFT



## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0590	02575	DITCHING AND SHOULDERING	23,422.00	LF
0600	02587	HOOK BOLT WITH EXPAN ANCHOR	88.00	EACH
0610	02599	FABRIC-GEOTEXTILE TYPE IV	612.00	SQYD
0620	02625	REMOVE HEADWALL	1.00	EACH
0630	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0640	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH
0650	02726	STAKING	1.00	LS
0660	02775	ARROW PANEL	1.00	EACH
0670	03225	TUBULAR MARKERS	475.00	EACH
0680	03269	TRIM & REMOVE TREES & BRUSH	57,923.00	LF
0690	05950	EROSION CONTROL BLANKET	96,337.00	SQYD
0700	05985	SEEDING AND PROTECTION	28,525.00	SQYD
0710	06417	FLEXIBLE DELINEATOR POST-W	70.00	EACH
0720	06418	FLEXIBLE DELINEATOR POST-Y	180.00	EACH
0730	06511	PAVE STRIPING-TEMP PAINT-6 IN	219,154.00	LF
0740	06514	PAVE STRIPING-PERM PAINT-4 IN	8,800.00	LF
0750	06549	PAVE STRIPING-TEMP REM TAPE-B	875.00	LF
0760	06550	PAVE STRIPING-TEMP REM TAPE-W	875.00	LF
0770	06551	PAVE STRIPING-TEMP REM TAPE-Y	250.00	LF
0780	06592	PAVEMENT MARKER TYPE V-B W/R	549.00	EACH
0790	06593	PAVEMENT MARKER TYPE V-B Y/R	150.00	EACH
0800	08100	CONCRETE-CLASS A	30.60	CUYD
0810	08150	STEEL REINFORCEMENT	1,185.90	LB
0820	20071EC	JOINT ADHESIVE	41,648.00	LF
0830	20409ED	SLIP RAMP - 4	1.00	LS
0840	20409ED	SLIP RAMP - 3	1.00	LS
0850	20409ED	SLIP RAMP - 2	1.00	LS
0860	20409ED	SLIP RAMP - 1	1.00	LS
0870	20411ED	LAW ENFORCEMENT OFFICER	250.00	hour
0880	20467NS112	RELOCATE TUBULAR MARKER	375.00	EACH
0890	20545ND	TEMP MEDIAN CROSSOVER	2.00	EACH
0900	20758ED	REMOVE AND RESET PERF PIPE HEADWALL	17.00	EACH
0910	21451ED	FILL AND GRADE MEDIAN	28,285.00	LF
0920	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	25,212.50	LF
0930	22660EN	REPLACE GRATE	1,250.00	LB
0940	22664EN	WATER BLASTING EXISTING STRIPE	31,080.00	LF
0950	23143ED	KPDES PERMIT AND TEMP EROSION CONTROL	1.00	LS
0960	23624EC	REMOVE AND RESET CRASH CUSHION	6.00	EACH
0970	24189ER	DURABLE WATERBORNE MARKING-6 IN W	58,373.00	LF
0980	24190ER	DURABLE WATERBORNE MARKING-6 IN Y	46,699.00	LF
0990	24191ER	DURABLE WATERBORNE MARKING-12 IN W	1,500.00	LF
1000	02231	STRUCTURE GRANULAR BACKFILL	304.00	CUYD
1010	02731	REMOVE STRUCTURE	1.00	LS
1020	02998	MASONRY COATING	1,015.00	SQYD
1030	03299	ARMORED EDGE FOR CONCRETE	57.30	LF
1040	08001	STRUCTURE EXCAVATION-COMMON	212.00	CUYD
1050	08002	STRUCTURE EXCAV-SOLID ROCK	97.00	CUYD
1060	08020	CRUSHED AGGREGATE SLOPE PROT	89.00	TON
1070	08100	CONCRETE-CLASS A	152.20	CUYD
1080	08104	CONCRETE-CLASS AA	220.60	CUYD

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1090	08150	STEEL REINFORCEMENT	23,903.00	LB
1100	08151	STEEL REINFORCEMENT-EPOXY COATED	59,566.00	LB
1110	08669	PRECAST PC BOX BEAM SB21	862.00	LF
1120	21532ED	RAIL SYSTEM TYPE III	440.00	LF
1130	02403	REMOVE CONCRETE MASONRY	8.90	CUYD
1140	02998	MASONRY COATING	843.00	SQYD
1150	03299	ARMORED EDGE FOR CONCRETE	60.50	LF
1160	08104	CONCRETE-CLASS AA	408.50	CUYD
1170	08151	STEEL REINFORCEMENT-EPOXY COATED	143,522.00	LB
1180	21532ED	RAIL SYSTEM TYPE III	980.00	LF
1190	21969NN	BEARING REPLACEMENT	16.00	EACH
1200	22146EN	CONCRETE PATCHING REPAIR	240.00	SQFT
1210	23380EC	BEARING PADS	18.00	EACH
1220	23813EC	DECK DRAIN	32.00	EACH
1230	23814EC	REMOVE EXISTING DECK	1.00	LS
1240	24469ED	STEEL BEARING PLATE	18.00	EACH
1250	02568	MOBILIZATION	1.00	LS
1260	02569	DEMOBILIZATION	1.00	LS
1270	02230	EMBANKMENT IN PLACE - (ADDED: 4-15-13)	215.00	CUYD

131020

**PROPOSAL BID ITEMS**

Page 1 of 3

Report Date 4/15/13

**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	13,274.00	TON		\$	
0020	00071		CRUSHED AGGREGATE SIZE NO 57	3,661.00	TON		\$	
0030	00100		ASPHALT SEAL AGGREGATE	671.00	TON		\$	
0040	00103		ASPHALT SEAL COAT	82.00	TON		\$	
0050	00190		LEVELING & WEDGING PG64-22	2,593.00	TON		\$	
0060	00212		CL2 ASPH BASE 1.00D PG64-22	29,053.00	TON		\$	
0070	00214		CL3 ASPH BASE 1.00D PG64-22	90,591.00	TON		\$	
0080	00301		CL2 ASPH SURF 0.38D PG64-22	6,213.00	TON		\$	
0090	02091		REMOVE PAVEMENT	904.00	SQYD		\$	
0100	02107		BREAKING AND SEATING PAVEMENT	157,475.00	SQYD		\$	
0110	02676		MOBILIZATION FOR MILL & TEXT	2.00	LS		\$	
0120	02677		ASPHALT PAVE MILLING & TEXTURING	52,685.00	TON		\$	
0130	02696		SHOULDER RUMBLE STRIPS-SAWED	110,982.00	LF		\$	
0140	03240		BASE FAILURE REPAIR	1,500.00	SQYD		\$	
0150	10020NS		FUEL ADJUSTMENT	228,722.00	DOLL	\$1.00	\$	\$228,722.00
0160	10030NS		ASPHALT ADJUSTMENT	562,490.00	DOLL	\$1.00	\$	\$562,490.00
0170	22906ES403		CL3 ASPH SURF 0.38A PG64-22	11,703.00	TON		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0180	00078		CRUSHED AGGREGATE SIZE NO 2	966.00	TON		\$	
0190	00461		CULVERT PIPE-15 IN	10.00	LF		\$	
0200	01000		PERFORATED PIPE-4 IN	26.00	LF		\$	
0210	01005		PERFORATED PIPE EDGE DRAIN-4 IN	43,476.00	LF		\$	
0220	01006		PERFORATED PIPE EDGE DRAIN-6 IN	43,317.00	LF		\$	
0230	01010		NON-PERFORATED PIPE-4 IN	2,393.00	LF		\$	
0240	01011		NON-PERFORATED PIPE-6 IN	1,642.00	LF		\$	
0250	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	2.00	LS		\$	
0260	01020		PERF PIPE HEADWALL TY 1-4 IN	70.00	EACH		\$	
0270	01024		PERF PIPE HEADWALL TY 2-4 IN	10.00	EACH		\$	
0280	01028		PERF PIPE HEADWALL TY 3-4 IN	43.00	EACH		\$	
0290	01029		PERF PIPE HEADWALL TY 3-6 IN	25.00	EACH		\$	
0300	01432		SLOPED BOX OUTLET TYPE 1-15 IN	1.00	EACH		\$	
0310	01690		FLUME INLET TYPE 1	6.00	EACH		\$	
0320	01691		FLUME INLET TYPE 2	48.00	EACH		\$	
0330	01741		CORED HOLE DRAINAGE BOX CON-6 IN	44.00	EACH		\$	
0340	01891		ISLAND HEADER CURB TYPE 2	250.00	LF		\$	
0350	01897		ASPHALT WEDGE CURB	32,280.50	LF		\$	
0360	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	393.00	EACH		\$	
0370	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	21.00	EACH		\$	
0380	01984		DELINEATOR FOR BARRIER - WHITE	10.00	EACH		\$	
0390	01985		DELINEATOR FOR BARRIER - YELLOW	10.00	EACH		\$	
0400	01990		DELINEATOR FOR BARRIER WALL-B/W	10.00	EACH		\$	
0410	02010		ADJUST MEDIAN BOX	46.00	EACH		\$	

**PROPOSAL BID ITEMS**

131020

Page 2 of 3

Report Date 4/15/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0420	02014		BARRICADE-TYPE III	18.00	EACH		\$	
0430	02165		REMOVE PAVED DITCH	44.40	SQYD		\$	
0440	02200		ROADWAY EXCAVATION	660.00	CUYD		\$	
0441	02230		EMBANKMENT IN PLACE(ADDED: 4-15-13)	215.00	CUYD		\$	
0450	02237		DITCHING	4,500.00	LF		\$	
0460	02352		GUARDRAIL-STEEL W BEAM-D FACE	275.00	LF		\$	
0470	02360		GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH		\$	
0480	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	11.00	EACH		\$	
0490	02365		CRASH CUSHION TYPE IX-A	2.00	EACH		\$	
0500	02367		GUARDRAIL END TREATMENT TYPE 1	31.00	EACH		\$	
0510	02369		GUARDRAIL END TREATMENT TYPE 2A	28.00	EACH		\$	
0520	02381		REMOVE GUARDRAIL	35,996.00	LF		\$	
0530	02382		GUARDRAIL CONNECT-SHLD BRIDGE PIER TY A	3.00	EACH		\$	
0540	02384		GUARDRAIL CONNECT SHLD BRIDGE PIER TY A1	1.00	EACH		\$	
0550	02387		GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	2.00	EACH		\$	
0560	02391		GUARDRAIL END TREATMENT TYPE 4A	5.00	EACH		\$	
0570	02483		CHANNEL LINING CLASS II	1,500.00	TON		\$	
0580	02484		CHANNEL LINING CLASS III	750.00	TON		\$	
0590	02562		TEMPORARY SIGNS	2,800.00	SQFT		\$	
0600	02575		DITCHING AND SHOULDERING	30,400.00	LF		\$	
0610	02587		HOOK BOLT WITH EXPAN ANCHOR	168.00	EACH		\$	
0620	02599		FABRIC-GEOTEXTILE TYPE IV	612.00	SQYD		\$	
0630	02625		REMOVE HEADWALL	1.00	EACH		\$	
0640	02650		MAINTAIN & CONTROL TRAFFIC	2.00	LS		\$	
0650	02671		PORTABLE CHANGEABLE MESSAGE SIGN	8.00	EACH		\$	
0660	02726		STAKING	2.00	LS		\$	
0670	02775		ARROW PANEL	2.00	EACH		\$	
0680	03225		TUBULAR MARKERS	695.00	EACH		\$	
0690	03269		TRIM & REMOVE TREES & BRUSH	83,901.00	LF		\$	
0700	05950		EROSION CONTROL BLANKET	137,180.00	SQYD		\$	
0710	05985		SEEDING AND PROTECTION	38,779.00	SQYD		\$	
0720	06417		FLEXIBLE DELINEATOR POST-W	100.00	EACH		\$	
0730	06418		FLEXIBLE DELINEATOR POST-Y	215.00	EACH		\$	
0740	06511		PAVE STRIPING-TEMP PAINT-6 IN	318,861.00	LF		\$	
0750	06514		PAVE STRIPING-PERM PAINT-4 IN	8,800.00	LF		\$	
0760	06549		PAVE STRIPING-TEMP REM TAPE-B	1,750.00	LF		\$	
0770	06550		PAVE STRIPING-TEMP REM TAPE-W	1,750.00	LF		\$	
0780	06551		PAVE STRIPING-TEMP REM TAPE-Y	500.00	LF		\$	
0790	06592		PAVEMENT MARKER TYPE V-B W/R	728.00	EACH		\$	
0800	06593		PAVEMENT MARKER TYPE V-B Y/R	150.00	EACH		\$	
0810	08100		CONCRETE-CLASS A	39.40	CUYD		\$	
0820	08150		STEEL REINFORCEMENT	1,566.10	LB		\$	
0830	20071EC		JOINT ADHESIVE	54,638.00	LF		\$	
0840	20409ED		SLIP RAMP4	1.00	LS		\$	
0850	20409ED		SLIP RAMP3	1.00	LS		\$	
0860	20409ED		SLIP RAMP2	1.00	LS		\$	
0870	20409ED		SLIP RAMP1	1.00	LS		\$	



131020

**PROPOSAL BID ITEMS**

Page 3 of 3

Report Date 4/15/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0880	20411ED		LAW ENFORCEMENT OFFICER	500.00	HOUR		\$	
0890	20467NS112		RELOCATE TUBULAR MARKER	545.00	EACH		\$	
0900	20545ND		TEMP MEDIAN CROSSOVER	4.00	EACH		\$	
0910	20758ED		REMOVE AND RESET PERF PIPE HEADWALL	40.00	EACH		\$	
0920	21451ED		FILL AND GRADE MEDIAN	41,275.00	LF		\$	
0930	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	35,162.50	LF		\$	
0940	22660EN		REPLACE GRATE	1,250.00	LB		\$	
0950	22664EN		WATER BLASTING EXISTING STRIPE	59,565.00	LF		\$	
0960	23143ED		KPDES PERMIT AND TEMP EROSION CONTROL	2.00	LS		\$	
0970	23624EC		REMOVE AND RESET CRASH CUSHION	10.00	EACH		\$	
0980	24189ER		DURABLE WATERBORNE MARKING-6 IN W	75,767.00	LF		\$	
0990	24190ER		DURABLE WATERBORNE MARKING-6 IN Y	60,614.00	LF		\$	
1000	24191ER		DURABLE WATERBORNE MARKING-12 IN W	1,500.00	LF		\$	

**Section: 0003 - BRIDGE-FAIRVIEW ROAD**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1010	02231		STRUCTURE GRANULAR BACKFILL	304.00	CUYD		\$	
1020	02403		REMOVE CONCRETE MASONRY	8.90	CUYD		\$	
1030	02731		REMOVE STRUCTURE	1.00	LS		\$	
1040	02998		MASONRY COATING	1,858.00	SQYD		\$	
1050	03299		ARMORED EDGE FOR CONCRETE	117.80	LF		\$	
1060	08001		STRUCTURE EXCAVATION-COMMON	212.00	CUYD		\$	
1070	08002		STRUCTURE EXCAV-SOLID ROCK	97.00	CUYD		\$	
1080	08020		CRUSHED AGGREGATE SLOPE PROT	89.00	TON		\$	
1090	08100		CONCRETE-CLASS A	152.20	CUYD		\$	
1100	08104		CONCRETE-CLASS AA	629.10	CUYD		\$	
1110	08150		STEEL REINFORCEMENT	23,903.00	LB		\$	
1120	08151		STEEL REINFORCEMENT-EPOXY COATED	203,088.00	LB		\$	
1130	08669		PRECAST PC BOX BEAM SB21	862.00	LF		\$	
1140	21532ED		RAIL SYSTEM TYPE III	1,420.00	LF		\$	
1150	21969NN		BEARING REPLACEMENT	16.00	EACH		\$	
1160	22146EN		CONCRETE PATCHING REPAIR	240.00	SQFT		\$	
1170	23380EC		BEARING PADS	18.00	EACH		\$	
1180	23813EC		DECK DRAIN	32.00	EACH		\$	
1190	23814EC		REMOVE EXISTING DECK	1.00	LS		\$	
1200	24469ED		STEEL BEARING PLATE	18.00	EACH		\$	

**Section: 0004 - MOB AND DEMOB**

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