



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

September 7, 2012

CALL NO. 301
CONTRACT ID NO. 121342
ADDENDUM # 3

Subject: Barren County, FD04 SPP 005 NEW ROUTE
Letting September 14, 2012

- (1) Revised - Plan Sheets - R21, R2n, R2o, & R2p
- (2) Revised - Bid Items - Pages 100-113 of 113

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
Director
Division of Construction Procurement

RG:ks
Enclosures



An Equal Opportunity Employer M/F/D

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	3-7000	R21

△ REVISED 9-5-12

EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER.

- ① SEE PAVING SUMMARY SHEETS 2N, R20, & R2P FOR ALTERNATE PAVEMENT EARTHWORK QUANTITIES
- ② APPROXIMATELY 143 ACRES
- ③ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY.
- ④ GUARDRAIL REMOVED SHALL BE TRANSPORTED TO THE BAILY BRIDGE LOT @ 1224 WILKINSON BLVD. IN FRANKFORT, KENTUCKY. PAYMENT SHALL BE INCIDENTAL TO BID ITEM 2381 (REMOVE GUARDRAIL)
- ⑤ SEE GEOTECH NOTES FOR APPROXIMATE LOCATIONS
- ⑥ DIVERSIONS
 A) I297 DIVERSION #1 0+10 TO 5+60
 B) I297 DIVERSION #2 0+60 TO 6+70
 C) C. MORGAN RD. DIVERSION
- ⑦ INCLUDES THE FOLLOWING
 - 4939 CU YD PER GEOTECH NOTE #15
 - 6519 CU YD PER GEOTECH NOTE #16
 - 161 CU YD PER GEOTECH NOTE #18
△ - 35413 CU YD PER EARTHWORK CALCULATIONS
- ⑧ INCLUDES THE FOLLOWING
 - 18521 SO YD PER GEOTECH NOTE #15
 - 2500 SO YD PER GEOTECH NOTE #18
- ⑨ 1 TON ADDED FOR EACH PERFORATED PIPE HDWL
- ⑩ FOR WRAPPING PIPE TRENCH BACKFILL
- ⑪ SEE PAVING SUMMARY FOR ALTERNATE PAVING QUANTITIES
- ⑫ INCLUDES 1520 LF PER GEOTECHNICAL NOTE 17
- ⑬ INCLUDES 772 LF PER GEOTECHNICAL NOTE 17
- ⑭ - THE CONTRACTOR IS TO INSTALL THE TEMPORARY CONCRETE BARRIER TYPE 9T MADE AVAILABLE ON THE EXISTING R.O.W OF THE LBN PARKWAY EASTBOUND AND WESTBOUND WITHIN THE PROJECT LIMITS. - TEMPORARY CONCRETE BARRIER SHALL BE TRANSPORTED TO I-65 IN HART COUNTY. PAYMENT SAHLL BE INCIDENTAL TO THE BID ITEM 1992 - INSTALL TEMPORARY CONCRETE BARRIER

ITEM CODE	ITEM	UNIT	MAINLINE	RAMP 1	RAMP 2	RAMP 3	RAMP 4	PARKWAY	KY 1297	FRONTAGE ROAD	BOB LEWIS ROAD	DIVERSIONS	ENTRANCES				TOTAL
⑨ 78	CRUSHED AGGREGATE SIZE NO. 2	TON	8	2		3	4			2	1						20
⑤ 1000	PERFORATED PIPE - 4 INCH	LF	900	52		352	233			131	14						3202 ⁽¹²⁾
⑤ 1010	NON-PERFORATED PIPE - 4 INCH	LF	174	16		33	16			138	8						1157 ⁽¹³⁾
⑤ 1020	PERF PIPE HEADWALL TY 1-4 INCH	EACH	3	2		1	1										7
⑤ 1028	PERF PIPE HEADWALL TY 3-4 INCH	EACH					1				1						2
⑤ 1032	PERF PIPE HEADWALL TY 4-4 INCH	EACH	5			2	2			2							11
1310	REMOVE PIPE	LF	62														62
1585	REMOVE DROP BOX INLET	EACH	1														1
1845	ISLAND INTEGRAL CURB	LF															⑪
1891	ISLAND HEADER CURB TYPE 2	LF															⑪
1982	DELINEATOR FOR GUARDRAIL - M/W	EACH	86	26	20	3	15										150
1983	DELINEATOR FOR GUARDRAIL - M/Y	EACH		17	13	6	6										42
1984	DELINEATOR FOR BARRIER - WHITE	EACH						110									110
1985	DELINEATOR FOR BARRIER - YELLOW	EACH						12									12
1987	DELINEATOR FOR GUARDRAIL - B/W	EACH	24														24
⑭ 1992	INSTALL TEMPORARY CONCRETE BARRIER	LF						10000									10000
2003	RELOCATE TEMP CONC BARRIER	LF						1000									1000
2014	BARRICADE - TYPE III	EACH	8					4				8					20
2091	REMOVE PAVEMENT	SO YD	2336						2144		319						4799
2159	TEMP DITCH	LF															16950
2200	ROADWAY EXCAVATION	CU YD															①
⑦ 2223	GRANULAR EMBANKMENT	CU YD															47032
③ 2242	WATER	M GAL															1500
2262	FENCE-WOVEN WIRE TYPE I	LF	21160	1305	1210	1781	1430		369	357	882						28494
2265	REMOVE FENCE	LF						4893									4893
2351	GUARDRAIL - STEEL W BEAM - S FACE	LF	6262.5	2862.5	1762.5	650	912.5	200									12650
2352	GUARDRAIL - STEEL W BEAM - D FACE	LF						275									275
2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	4					2									6
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	7	3			2										12
2365	CRASH CUSHION TYPE IX-A	EACH						2									2
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH	4	2		1	1	1									9
2373	GUARDRAIL END TREATMENT TYPE 3	EACH	1														1
④ 2381	REMOVE GUARDRAIL	L.F.						3041									3041
2387	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A-1	EACH						2									2
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	7		2	2	1										12
2429	RIGHT-OF-WAY MONUMENT TYPE I	EACH	73	3	4	6	4		11	6	19						126
2432	WITNESS POST	EACH	6														6
② 2545	CLEARING AND GRUBBING	LP SUM	1														1
2562	SIGNS	SO FT															1283.5
2568	MOBILIZATION	LP SUM	1														1
2569	DEMOBILIZATION	LP SUM	1														1
2585	EDGE KEY	L.F.						14	41	20	14						89
⑧ 2598	FABRIC - GEOTEXTILE TYPE III	SO YD															21021
2599	FABRIC - GEOTEXTILE TYPE IV	SO YD															200
⑩ 2600	FABRIC-GEOTEXTILE TY IV FOR PIPE	SO. YD.															9851
2625	REMOVE HEADWALL	EACH	1														1
2650	MAINTAIN & CONTROL TRAFFIC	LP SUM	1														1
⑥ 2651	DIVERSIONS (BY-PASS DETOURS)	LP SUM										3					3
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	1					2									3
2676	MOBILIZATION FOR MILL & TEXT	LP SUM	1														1
2677	ASPHALT PAVE MILLING & TEXTURING	TON	507	35	27	35	34	2531	73		20						3262
2692	SETTLEMENT PLATFORM	EACH	2														2
2701	TEMP SILT FENCE	LF															33900
2703	SILT TRAP TYPE A	EACH															143
2704	SILT TRAP TYPE B	EACH															143
2705	SILT TRAP TYPE C	EACH															143
2706	CLEAN SILT TRAP TYPE A	EACH															428
2707	CLEAN SILT TRAP TYPE B	EACH															428

CONSTRUCTION SIGNS					
DESCRIPTION	NO. REQ'D.	SIZE	I.D.	QUANTITY	UNIT
ROADWORK 1/2 MILE	8	48"x48"	W20-1	128	SF
ROADWORK 1000 FT	8	48"x48"	W20-1	128	SF
ROADWORK 500 FT	8	48"x48"	W20-1	128	SF
RIGHT LANE CLOSED 1500 FT	8	48"x48"	W20-5	128	SF
RIGHT LANE CLOSED 1000 FT	8	48"x48"	W20-5	128	SF
LANE SHIFT	8	48"x48"	W4-2	128	SF
SHIFT LEFT	7	30"x30"	W1-4AL	43.75	SF
SHIFT RIGHT	7	30"x30"	W1-4AR	43.75	SF
35 M.P.H.	12	24"x24"	W13-1	48	SF
ROAD CLOSED	4	48"x30"	R11-2	40	SF
DIRECTION ARROW SIGN	4	48"x24"	W1-6	32	SF
END ROAD WORK	14	48"x24"	G20-2A	112	SF
FLAGGER AHEAD	8	48"x48"	W20-7A	128	SF
60 M.P.H.	8	24"x24"	W13-1	32	SF
NO PASSING ZONE	2	36"x48"	W14-3	24	SF
VERTICAL PANEL	4	12"x36"	-	12	SF

VENDERS NAME: _____ DATE: _____
 PREPARED BY: _____ DATE: _____
 Cell Library: roadwoy, cel
 Cell Name: sgs
 DD-MM-YY HH:MM
 1-92 FORM NO. 2B
 CHECKED BY: _____ DATE: _____
 APPROVED BY: _____ DATE: _____

GENERAL SUMMARY

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	3-7000	R21

ITEM CODE	ITEM	UNIT	MAINLINE	RAMP 1	RAMP 2	RAMP 3	RAMP 4	PARKWAY	KY 1297	FRONTAGE ROAD	BOB LEWIS ROAD	DIVERSIONS	ENTRANCES					TOTAL
9	78	CRUSHED AGGREGATE SIZE NO. 2	TON	8	2		3	4			2	1						20
5	1000	PERFORATED PIPE - 4 INCH	LF	900	52		352	233			131	14						3202(12)
5	1010	NON-PERFORATED PIPE - 4 INCH	LF	174	16		33	16			138	8						1157(13)
5	1020	PERF PIPE HEADWALL TY 1-4 INCH	EACH	3	2		1	1										7
5	1028	PERF PIPE HEADWALL TY 3-4 INCH	EACH					1				1						2
5	1032	PERF PIPE HEADWALL TY 4-4 INCH	EACH	5			2	2			2							11
	1310	REMOVE PIPE	LF	62														62
	1585	REMOVE DROP BOX INLET	EACH	1														1
	1845	ISLAND INTEGRAL CURB	LF															(11)
	1891	ISLAND HEADER CURB TYPE 2	LF															(11)
	1982	DELINEATOR FOR GUARDRAIL - M/W	EACH	86	26	20	3	15										150
	1983	DELINEATOR FOR GUARDRAIL - M/Y	EACH		17	13	6	6										42
	1984	DELINEATOR FOR BARRIER - WHITE	EACH						110									110
	1985	DELINEATOR FOR BARRIER - YELLOW	EACH						12									12
	1987	DELINEATOR FOR GUARDRAIL - B/W	EACH	24														24
14	1992	INSTALL TEMPORARY CONCRETE BARRIER	LF						10000									10000
	2003	RELOCATE TEMP CONC BARRIER	LF						1000									1000
	2014	BARRICADE - TYPE III	EACH	8					4				8					20
	2091	REMOVE PAVEMENT	SO YD	2336						2144		319						4799
	2159	TEMP DITCH	LF															16950
	2200	ROADWAY EXCAVATION	CU YD															(1)
7	2223	GRANULAR EMBANKMENT	CU YD															47032
3	2242	WATER	M GAL															1500
	2262	FENCE-WOVEN WIRE TYPE I	LF	21160	1305	1210	1781	1430		369	357	882						28494
	2265	REMOVE FENCE	LF						4893									4893
	2351	GUARDRAIL - STEEL W BEAM - S FACE	LF	6262.5	2862.5	1762.5	650	912.5	200									12650
	2352	GUARDRAIL - STEEL W BEAM - D FACE	LF						275									275
	2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	4					2									6
	2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	7	3			2										12
	2365	CRASH CUSHION TYPE IX-A	EACH						2									2
	2369	GUARDRAIL END TREATMENT TYPE 2A	EACH	4	2		1	1	1									9
	2373	GUARDRAIL END TREATMENT TYPE 3	EACH	1														1
4	2381	REMOVE GUARDRAIL	L.F.						3041									3041
	2387	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A-1	EACH						2									2
	2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	7		2	2	1										12
	2429	RIGHT-OF-WAY MONUMENT TYPE I	EACH	73	3	4	6	4		11	6	19						126
	2432	WITNESS POST	EACH	6														6
2	2545	CLEARING AND GRUBBING	LP SUM	1														1
	2562	SIGNS	SO FT															1283.5
	2568	MOBILIZATION	LP SUM	1														1
	2569	DEMOBILIZATION	LP SUM	1														1
	2585	EDGE KEY	L.F.						14	41	20	14						89
8	2598	FABRIC - GEOTEXTILE TYPE III	SO YD															21021
	2599	FABRIC - GEOTEXTILE TYPE IV	SO YD															200
10	2600	FABRIC-GEOTEXTILE TY IV FOR PIPE	SO. YD.															9851
	2625	REMOVE HEADWALL	EACH	1														1
	2650	MAINTAIN & CONTROL TRAFFIC	LP SUM	1														1
6	2651	DIVERSIONS (BY-PASS DETOURS)	LP SUM									3						3
	2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	1					2									3
	2676	MOBILIZATION FOR MILL & TEXT	LP SUM	1														1
	2677	ASPHALT PAVE MILLING & TEXTURING	TON	507	35	27	35	34	2531	73		20						3262
	2692	SETTLEMENT PLATFORM	EACH	2														2
	2701	TEMP SILT FENCE	LF															33900
	2703	SILT TRAP TYPE A	EACH															143
	2704	SILT TRAP TYPE B	EACH															143
	2705	SILT TRAP TYPE C	EACH															143
	2706	CLEAN SILT TRAP TYPE A	EACH															428
	2707	CLEAN SILT TRAP TYPE B	EACH															428

EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER.

- ① SEE PAVING SUMMARY SHEETS 2N, R20, & R2P FOR ALTERNATE PAVEMENT EARTHWORK QUANTITIES
- ② APPROXIMATELY 143 ACRES
- ③ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY.
- ④ GUARDRAIL REMOVED SHALL BE TRANSPORTED TO THE BAILY BRIDGE LOT @ 1224 WILKINSON BLVD. IN FRANKFORT, KENTUCKY. PAYMENT SHALL BE INCIDENTAL TO BID ITEM 2381 (REMOVE GUARDRAIL)
- ⑤ SEE GEOTECH NOTES FOR APPROXIMATE LOCATIONS
- ⑥ DIVERSIONS
 - A) I297 DIVERSION #1 0+10 TO 5+60
 - B) I297 DIVERSION #2 0+60 TO 6+70
 - C) C. MORGAN RD. DIVERSION
- ⑦ INCLUDES THE FOLLOWING
 - 4939 CU YD PER GEOTECH NOTE #15
 - 6519 CU YD PER GEOTECH NOTE #16
 - 161 CU YD PER GEOTECH NOTE #18
 - 35413 CU YD PER EARTHWORK CALCULATIONS
- ⑧ INCLUDES THE FOLLOWING
 - 18521 SO YD PER GEOTECH NOTE #15
 - 2500 SO YD PER GEOTECH NOTE #18
- ⑨ 1 TON ADDED FOR EACH PERFORATED PIPE HDWL
- ⑩ FOR WRAPPING PIPE TRENCH BACKFILL
- ⑪ SEE PAVING SUMMARY FOR ALTERNATE PAVING QUANTITIES
- ⑫ INCLUDES 1520 LF PER GEOTECHNICAL NOTE 17
- ⑬ INCLUDES 772 LF PER GEOTECHNICAL NOTE 17
- ⑭ - THE CONTRACTOR IS TO INSTALL THE TEMPORARY CONCRETE BARRIER TYPE 9T MADE AVAILABLE ON THE EXISTING R.O.W OF THE LBN PARKWAY EASTBOUND AND WESTBOUND WITHIN THE PROJECT LIMITS. - TEMPORARY CONCRETE BARRIER SHALL BE TRANSPORTED TO I-65 IN HART COUNTY. PAYMENT SAHLL BE INCIDENTAL TO THE BID ITEM 1992 - INSTALL TEMPORARY CONCRETE BARRIER

CONSTRUCTION SIGNS					
DESCRIPTION	NO. REQ'D.	SIZE	I.D.	QUANTITY	UNIT
ROADWORK 1/2 MILE	8	48"x48"	W20-1	128	SF
ROADWORK 1000 FT	8	48"x48"	W20-1	128	SF
ROADWORK 500 FT	8	48"x48"	W20-1	128	SF
RIGHT LANE CLOSED 1500 FT	8	48"x48"	W20-5	128	SF
RIGHT LANE CLOSED 1000 FT	8	48"x48"	W20-5	128	SF
LANE SHIFT	8	48"x48"	W4-2	128	SF
SHIFT LEFT	7	30"x30"	W1-4AL	43.75	SF
SHIFT RIGHT	7	30"x30"	W1-4AR	43.75	SF
35 M.P.H.	12	24"x24"	W13-1	48	SF
ROAD CLOSED	4	48"x30"	R11-2	40	SF
DIRECTION ARROW SIGN	4	48"x24"	W1-6	32	SF
END ROAD WORK	14	48"x24"	G20-2A	112	SF
FLAGGER AHEAD	8	48"x48"	W20-7A	128	SF
60 M.P.H.	8	24"x24"	W13-1	32	SF
NO PASSING ZONE	2	36"x48"	W14-3	24	SF
VERTICAL PANEL	4	12"x36"	-	12	SF

GENERAL SUMMARY

VENDERS NAME: _____
 1-92 FORM NO. 2B
 Ceil Library: roadwoy, cel
 Cell Name: sgs
 DD-MM-YY HH:MM
 PREPARED BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 APPROVED BY: _____ DATE: _____

PAVING AREAS ALTERNATE A

ITEM	PAVING AREAS ALTERNATE A										TOTAL PROJECT
	MAINLINE	PARKWAY	RAMP 1	RAMP 2	RAMP 3	RAMP 4	KY1297	FRONTAGE ROAD	BOB LEWIS ROAD	ENTRANCES	
ITEM	S	Q	U	A	R	E	Y	A	R	D	S
1.50" CL3 ASPHALT SURFACE 0.50A PG64-22	26160										26160
1.50" CL3 ASPHALT SURFACE 0.50B PG64-22	78948	5749	4136	7173	3950						99956
1.50" CL2 ASPHALT SURFACE 0.50D PG64-22	37839	2243	2160	3371	2085						57963
1.25" CL2 ASPHALT SURFACE 0.38D PG64-22						7811	3940	4478	4163	1795	22187
2" CL2 ASPHALT SURFACE 0.38D PG64-22									3710	2100	2100
2" CL2 ASPHALT BASE 1.00D PG64-22											3710
3.25" CL3 ASPHALT BASE 1.00D PG64-22	73685	5805	4192	7272	4005						94959
3.25" CL3 ASPHALT BASE 1.00D PG64-22	74935	5925	4335	7486	4123						96804
3.25" CL3 ASPHALT BASE 1.00D PG64-22	76183	6046	4490	7700	4242						98661
3.25" CL2 ASPHALT BASE 1.00D PG64-22	35464	2243	2160	3371	2085			2350		1816	45323
3" CL2 ASPHALT BASE 0.75D PG64-22											4166
4.50" CL2 ASPHALT BASE 0.75D PG64-22						7864					7864
5" CL2 ASPHALT BASE 0.75D PG64-22						8055					8055
2.50" CL2 ASPHALT BASE 0.75D PG64-22	77431	6166	4666	7948	4362	8278	3980	3239	1882	113972	
4" CRUSHED STONE BASE								537		4597	
6" CRUSHED STONE BASE								2347		1867	4214
10.5" CRUSHED STONE BASE	35464	2243	2160	3371	2085						45323
4" TRAFFIC BOUND BASE									3025		3025
ASPHALT SEAL COAT	29198	1588	1590	1632	1605						35613
ASPHALT SEAL AGGREGATE	29198	1588	1590	1632	1605						35613
LIME STABILIZED ROADBED	119466	8185	7073	11668	6792	9826					192435
LIME	119466	8185	7073	11668	6792	9826					192435
ASPHALT CURING SEAL	119466	8185	7073	11668	6792	9826					192435
SAND FOR BLOTTER	119466	8185	7073	11668	6792	9826					192435

PAVING SUMMARY ALTERNATE A

ITEM CODE	ITEM	UNIT	MAINLINE	PARKWAY	RAMPS	APPROACHES	ENTRANCES	DIVERSIONS	TOTAL PROJECT
003	CRUSHED STONE BASE ① ⑧ ⑪ ⑫	TON	65180		17453	7976	930	1292	92831
013	LIME STABILIZED ROADBED	SO. YD.	119466		33718	9826			192435
014	LIME ⑤ ⑬	TON	2785		631	184			3600
020	TRAFFIC BOUND BASE	TON					696		696
100	ASPHALT SEAL AGGREGATE ③	TON	584		141 ④				725
103	ASPHALT SEAL COAT ②	TON	70		17 ④				87
190	LEVELING & WEDGING PG64-22	TON		235		444			679
212	CL2 ASPH BASE 1.00D PG64-22	TON	6339		1762		408		8509
214	CL3 ASPH BASE 1.00D PG64-22	TON	40196		11856 ⑩				52052
221	CL2 ASPH BASE 0.75D PG64-22	TON				5116 ⑨		300	5416
301	CL2 ASPH SURF 0.38D PG64-22	TON				1116	286	354	1756
309	CL2 ASPH SURF 0.50D PG64-22	TON	3122	848	813				4783
324	CL3 ASPH SURF 0.50B PG64-22	TON	6513		1733				8246
330	CL3 ASPH SURF 0.50A PG64-22	TON		2159					2159
358	ASPHALT CURING SEAL ⑥	TON	119	34	10				192 ⑮
1845	ISLAND INTEGRAL CURB	LF	192.25	109.5					301.75
1891	ISLAND HEADER CURB TYPE 2	LF		604					604
2200	ROADWAY EXCAVATION	CU. YD.							876663
2696	SHOULDER RUMBLE STRIPS-SAWED	L.F.	43130	17955	15635				76720
2702	SAND FOR BLOTTER ⑦	TON	299	84	25				482 ⑯
10203ND	PAVEMENT ADJUSTMENT (ASPHALT) ⑰	L.S.							1

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 2.4 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)
- ③ ESTIMATED AT 20 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)

- ④ INCLUDES ASPHALT SEAL COAT FOR MEDIAN ISLANDS RAMP 1 - RS-2 - 1.5 TONS ADDED ASPHALT SEAL AGG. - 12.53 TONS ADDED
- ⑤ ESTIMATED AT 6% BY WEIGHT AT 103.9 LBS. PER CU. FT.
- ⑥ ESTIMATED AT 2 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑦ ESTIMATED AT 5 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑧ 1000 TONS ADDED EACH FOR MAINTAINING ENTRANCE ACCESS AND PER MOT NOTES
- ⑨ 20 TONS ADDED FOR MILLED TIE-INS ON BOB LEWIS RD WIDENING
- ⑩ 126 TONS ADDED FOR MILLED TIE-INS TO PARKWAY

- ⑪ STONE ADDED FOR SHOULDER WEDGE MAINLINE - 25960 TONS RAMP 1 - 7595 TONS KY1297 - 3592 TONS
- ⑫ ADDITIONAL 294 TONS INCLUDED FOR BARRIER ISLAND CURBS FOR THE RAMP GORE AREAS.
- ⑬ 550 ADDED TONS PER GEOTECH NOTE #14
- ⑭ 29425 SQ. YD. ADDED PER GEOTECH NOTE #14
- ⑮ 29 TONS ADDED PER GEOTECH NOTE #14
- ⑯ 74 TONS ADDED PER GEOTECH NOTE #14
- ⑰ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT

EARTHWORK CALCULATIONS: ALTERNATE A
ASPHALT LANES ASPHALT SHOULDERS
EMBANKMENT:
667631 CU. YD. EMB.
35413 CU. YD. GRANULAR EMB.
723044 CU. YD. EMB. TOTAL
EXCAVATION:
784404 CU. YD. COM. EXC.
16515 CU. YD. EMB BENCHING
27113 CU YD PROFILE BENCHING
40302 CU. YD. ROCK EXC.
• 8329 CU. YD. DIT. EXC.
876663 CU. YD. TOTAL EXC.

NOTE: THE CROSS-SECTIONS REFLECT THE ASPHALT PAVEMENT DEPTH, THEREFORE THE TYPICAL SECTIONS GOVERN OVER THE CROSS-SECTIONS FOR CONCRETE DEPTHS.

• INCLUDES 1487 C. Y. FROM PIPE SUMMARY

PAVING SUMMARY

PAVING AREAS ALTERNATE A

ITEM	PAVING AREAS ALTERNATE A										TOTAL PROJECT		
	MAINLINE	PARKWAY	RAMP 1	RAMP 2	RAMP 3	RAMP 4	KY1297	FRONTAGE ROAD	BOB LEWIS ROAD	ENTRANCES		DIVERSIONS	D
1.50" CL3 ASPHALT SURFACE 0.50A PG64-22	78948	26160	5749	4136	7173	3950							26160
1.50" CL3 ASPHALT SURFACE 0.50B PG64-22	37839	10265	2243	2160	3371	2085							99956
1.50" CL2 ASPHALT SURFACE 0.50D PG64-22							7811	3940	4478	4163	1795		57963
1.25" CL2 ASPHALT SURFACE 0.38D PG64-22											2100		22187
2" CL2 ASPHALT SURFACE 0.38D PG64-22										3710			2100
2" CL2 ASPHALT SURFACE 0.38D PG64-22													3710
3.25" CL3 ASPHALT BASE 1.00D PG64-22	73685		5805	4192	7272	4005							94959
3.25" CL3 ASPHALT BASE 1.00D PG64-22	74935		5925	4335	7486	4123							96804
3.25" CL3 ASPHALT BASE 1.00D PG64-22	76183		6046	4490	7700	4242							98661
3.25" CL2 ASPHALT BASE 1.00D PG64-22	35464		2243	2160	3371	2085					1816		45323
3" CL2 ASPHALT BASE 0.75D PG64-22									2350				4166
4.50" CL2 ASPHALT BASE 0.75D PG64-22							7864						7864
5" CL2 ASPHALT BASE 0.75D PG64-22							8055						8055
2.50" CL2 ASPHALT BASE 0.75D PG64-22	77431		6166	4666	7948	4362	8278	3980	3239	1882			3980
4" CRUSHED STONE BASE													4597
6" CRUSHED STONE BASE													4214
8" CRUSHED STONE BASE													45323
10.5" CRUSHED STONE BASE	35464		2243	2160	3371	2085							3025
4" TRAFFIC BOUND BASE													35613
ASPHALT SEAL COAT	29198		1588	1590	1632	1605							35613
ASPHALT SEAL AGGREGATE	29198		1588	1590	1632	1605							35613
LIME STABILIZED ROADBED	119466		8185	7073	11668	6792	9826						192435
LIME	119466		8185	7073	11668	6792	9826						192435
ASPHALT CURING SEAL	119466		8185	7073	11668	6792	9826						192435
SAND FOR BLOTTER	119466		8185	7073	11668	6792	9826						192435

PAVING SUMMARY ALTERNATE A

ITEM CODE	ITEM	UNIT	MAINLINE	PARKWAY	RAMPS	APPROACHES	ENTRANCES	DIVERSIONS	TOTAL PROJECT
003	CRUSHED STONE BASE ① ⑧ ⑪ ⑫	TON	65180		17453	7976	930	1292	92831
013	LIME STABILIZED ROADBED	SO. YD.	119466		33718	9826			192435
014	LIME ⑤ ⑬	TON	2785		631	184			3600
020	TRAFFIC BOUND BASE	TON					696		696
100	ASPHALT SEAL AGGREGATE ③	TON	584		141 ④				725
103	ASPHALT SEAL COAT ②	TON	70		17 ④				87
190	LEVELING & WEDGING PG64-22	TON		235					679
212	CL2 ASPH BASE 1.00D PG64-22	TON	6339		1762	444	408		8509
214	CL3 ASPH BASE 1.00D PG64-22	TON	40196		11856 ⑩				52052
221	CL2 ASPH BASE 0.75D PG64-22	TON				5116 ⑨		300	5416
301	CL2 ASPH SURF 0.38D PG64-22	TON				1116	286	354	1756
309	CL2 ASPH SURF 0.50D PG64-22	TON	3122	848	813				4783
324	CL3 ASPH SURF 0.50B PG64-22	TON	6513		1733				8246
330	CL3 ASPH SURF 0.50A PG64-22	TON		2159					2159
358	ASPHALT CURING SEAL ⑥	TON	119	34	10				192 ⑮
1845	ISLAND INTEGRAL CURB	LF	192.25	109.5					301.75
1891	ISLAND HEADER CURB TYPE 2	LF		604					604
2200	ROADWAY EXCAVATION	CU. YD.							876663
2696	SHOULDER RUMBLE STRIPS-SAWED	L.F.	43130	17955	15635				76720
2702	SAND FOR BLOTTER ⑦	TON	299	84	25				482 ⑯
10203ND	PAVEMENT ADJUSTMENT (ASPHALT) ⑰	L.S.							1

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 2.4 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)
- ③ ESTIMATED AT 20 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)

- ④ INCLUDES ASPHALT SEAL COAT FOR MEDIAN ISLANDS
RAMP 1 - RS-2 - 1.5 TONS ADDED
ASPHALT SEAL AGG. - 12.53 TONS ADDED
- ⑤ ESTIMATED AT 6% BY WEIGHT AT 103.9 LBS. PER CU. FT.
- ⑥ ESTIMATED AT 2 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑦ ESTIMATED AT 5 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑧ 1000 TONS ADDED EACH FOR MAINTAINING ENTRANCE ACCESS AND PER MOT NOTES
- ⑨ 20 TONS ADDED FOR MILLED TIE-INS ON BOB LEWIS RD WIDENING
- ⑩ 126 TONS ADDED FOR MILLED TIE-INS TO PARKWAY

- ⑪ STONE ADDED FOR SHOULDER WEDGE
MAINLINE - 25960 TONS
RAMPS - 7595 TONS
KY1297 - 3592 TONS
- ⑫ ADDITIONAL 294 TONS INCLUDED FOR BARRIER ISLAND CURBS FOR THE RAMP GORE AREAS.
- ⑬ 550 ADDED TONS PER GEOTECH NOTE #14
- ⑭ 29425 SQ. YD. ADDED PER GEOTECH NOTE #14
- ⑮ 29 TONS ADDED PER GEOTECH NOTE #14
- ⑯ 74 TONS ADDED PER GEOTECH NOTE #14
- ⑰ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT

EARTHWORK CALCULATIONS: ALTERNATE A
ASPHALT LANES ASPHALT SHOULDERS
EMBANKMENT:

667631 CU. YD. EMB. YD. GRANULAR EMB. ①
35413 CU. YD. GRANULAR EMB. ①
723044 CU. YD. EMB. TOTAL

EXCAVATION:

784404 CU. YD. COM. EXC.
16515 CU. YD. EMB BENCHING
27113 CU YD PROFILE BENCHING
40302 CU. YD. ROCK EXC.
• 8329 CU. YD. DIT. EXC.
876663 CU. YD. TOTAL EXC.

NOTE: THE CROSS-SECTIONS REFLECT THE ASPHALT PAVEMENT DEPTH, THEREFORE THE TYPICAL SECTIONS GOVERN OVER THE CROSS-SECTIONS FOR CONCRETE DEPTHS.

• INCLUDES 1487 C.Y. FROM PIPE SUMMARY

▲ REVISED 9-5-12

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	3-7000	R2

PAVING SUMMARY

PAVING AREAS ALTERNATE B

ITEM	PAVING AREAS ALTERNATE B										TOTAL PROJECT
	MAINLINE	PARKWAY	RAMP 1	RAMP 2	RAMP 3	RAMP 4	KY1297	FRONTAGE ROAD	BOB LEWIS ROAD	ENTRANCES	
ITEM CODE	S	Q	U	A	R	E	Y	A	R	D	S
6" JPC PAVEMENT	35464	2243	2160	3371	2085						45323
9" JPC PAVEMENT	72468	5749	4136	7173	3950						93476
1.50" CL3 ASPHALT SURFACE 0.50A PG64-22			26160								26160
1.50" CL3 ASPHALT SURFACE 0.50B PG64-22	6840										6840
1.50" CL2 ASPHALT SURFACE 0.50D PG64-22	2375										12640
1.25" CL2 ASPHALT SURFACE 0.38D PG64-22						7811	3940	4478	4163	1795	22187
2" CL2 ASPHALT SURFACE 0.38D PG64-22										2100	2100
3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480										6480
3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480										6480
3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480										6480
3" CL2 ASPHALT BASE 0.75D PG64-22								2350		1816	4166
4.50" CL2 ASPHALT BASE 0.75D PG64-22						7864					7864
5" CL2 ASPHALT BASE 0.75D PG64-22						8055					8055
2" CL2 ASPHALT BASE 1.00D PG64-22									3710		3710
2.50" CL2 ASPHALT BASE 0.75D PG64-22	73108	5749	4136	7173	3950	8278	3980		3239	1882	3980
4" CRUSHED STONE BASE							4060		537		107515
6" CRUSHED STONE BASE	35464	2243	2160	3371	2085			2347		1867	45323
8" CRUSHED STONE BASE											4214
4" TRAFFIC BOUND BASE									3025		3025
ASPHALT SEAL COAT	29198	1588	1590	1632	1605						35613
ASPHALT SEAL AGGREGATE	29198	1588	1590	1632	1605						35613
LIME STABILIZED ROADBED	119466	8185	7073	11668	6792	9826					192435
LIME	119466	8185	7073	11668	6792	9826					192435
ASPHALT CURING SEAL	119466	8185	7073	11668	6792	9826					192435
SAND FOR BLOTTER											192435

PAVING SUMMARY ALTERNATE B

ITEM CODE	ITEM	UNIT	MAINLINE	PARKWAY	RAMPS	APPROACHES	ENTRANCES	DIVERSIONS	TOTAL PROJECT
003	CRUSHED STONE BASE ① ⑧ ⑩ ⑫	TON	53624		14737	7976	930	1292	78559
013	LIME STABILIZED ROADBED	SO. YD.	119466		33718	9826			192435
014	LIME ⑤ ⑬	TON	2785		631	184			3600
020	TRAFFIC BOUND BASE	TON					696		696
100	ASPHALT SEAL AGGREGATE ③	TON	584		141 ④				725
103	ASPHALT SEAL COAT ②	TON	70		17 ④				87
190	LEVELING & WEDGING PG64-22	TON		235		444			679
212	CL2 ASPH BASE 1.00D PG64-22	TON					408		408
214	CL3 ASPH BASE 1.00D PG64-22	TON	3475						3475
221	CL2 ASPH BASE 0.75D PG64-22	TON				5116 ⑨		300	5416
301	CL2 ASPH SURF 0.38D PG64-22	TON				1116	286	354	1756
309	CL2 ASPH SURF 0.50D PG64-22	TON	196	848					1044
324	CL3 ASPH SURF 0.50B PG64-22	TON	564						564
330	CL3 ASPH SURF 0.50A PG64-22	TON		2159					2159
358	ASPHALT CURING SEAL ⑥	TON	119		34	10			192 ⑮
1845	ISLAND INTEGRAL CURB	LF	192.25		713.5				905.75
2073	9 IN JPC PAVEMENT	SO. YD.	72468		9859				93476
2078	JPC PAVEMENT 6 IN SHLD.	SO. YD.	35464		9859				45323
2200	ROADWAY EXCAVATION	CU. YD.							868490
2702	SAND FOR BLOTTER ⑦	TON	299		84	25			482 ⑩
10203ND	PAVEMENT ADJUSTMENT (CONCRETE) ⑯	L.S.							1

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 2.4 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)
- ③ ESTIMATED AT 20 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)

- ④ INCLUDES ASPHALT SEAL COAT FOR MEDIAN ISLANDS RAMP 1 - RS-2 - 2 TONS ADDED ASPHALT SEAL AGG. - 13 TONS ADDED

- ⑤ ESTIMATED AT 6% BY WEIGHT AT 103.9 LBS. PER CU. FT.
- ⑥ ESTIMATED AT 2 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑦ ESTIMATED AT 5 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑧ 1000 TONS ADDED EACH FOR MAINTAINING ENTRANCE ACCESS AND PER MOT NOTES
- ⑨ 20 TONS ADDED FOR MILLED TIE-INS ON BOB LEWIS RD WIDENING
- ⑩ 74 TONS ADDED PER GEOTECH NOTE #14

- ⑪ STONE ADDED FOR SHOULDER WEDGE MAINLINE - 20535 TONS RAMP 1 - 5937 TONS KY1297 - 3592 TONS
- ⑫ ADDITIONAL 294 TONS INCLUDED FOR BARRIER ISLAND CURBS FOR THE RAMP GORE AREAS.
- ⑬ 550 ADDED TONS PER GEOTECH NOTE #14
- ⑭ 29425 SQ. YD. ADDED PER GEOTECH NOTE #14
- ⑮ 29 TONS ADDED PER GEOTECH NOTE #14
- ⑯ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT

EARTHWORK CALCULATIONS: ALTERNATE B
CONCRETE LANES AND CONCRETE SHOULDERS
EMBANKMENT:
69403 CU. YD. EMB.
35413 CU. YD. GRANULAR EMB.
72686 CU. YD. EMB. TOTAL
EXCAVATION:
77740 CU. YD. COM. EXC.
16515 CU. YD. EMB. BENCHING
36093 CU. YD. PROFIL. BENCHING
*8323 CU. YD. DIT. EXC.
868490 CU. YD. TOTAL EXC.

NOTE: THE CROSS-SECTIONS REFLECT THE ASPHALT PAVEMENT DEPTHS FOR THE SPECIAL SECTIONS GOVERN OVER THE CROSS-SECTIONS FOR CONCRETE DEPTHS.

* INCLUDES 1487 C.Y. FROM PIPE SUMMARY

PAVING SUMMARY

PAVING AREAS ALTERNATE B

ITEM	MAINLINE	PARKWAY	RAMP 1	RAMP 2	RAMP 3	RAMP 4	KY1297	FRONTAGE ROAD	BOB LEWIS ROAD	ENTRANCES	DIVERSIONS	TOTAL PROJECT
6" JPC PAVEMENT	35464		2243	2160	3371	2085						45323
9" JPC PAVEMENT	72468		5749	4136	7173	3950						93476
1.50" CL3 ASPHALT SURFACE 0.50A PG64-22		26160										26160
1.50" CL3 ASPHALT SURFACE 0.50B PG64-22	6840											6840
1.50" CL2 ASPHALT SURFACE 0.50D PG64-22	2375	10265										12640
1.25" CL2 ASPHALT SURFACE 0.38D PG64-22							7811	3940	4478	4163	1795	22187
2" CL2 ASPHALT SURFACE 0.38D PG64-22											2100	2100
3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480											2100
3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480											6480
3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480											6480
3" CL2 ASPHALT BASE 0.75D PG64-22									2350		1816	4166
4.50" CL2 ASPHALT BASE 0.75D PG64-22							7864					7864
5" CL2 ASPHALT BASE 0.75D PG64-22							8055					8055
2" CL2 ASPHALT BASE 1.00D PG64-22								3980		3710		3710
2.50" CL2 ASPHALT BASE 0.75D PG64-22	73108		5749	4136	7173	3950	8278	3980		3239	1882	3980
4" CRUSHED STONE BASE			2243	2160	3371	2085		4060		537		107515
6" CRUSHED STONE BASE									2347		1867	45323
8" CRUSHED STONE BASE												4214
4" TRAFFIC BOUND BASE										3025		3025
ASPHALT SEAL COAT	29198		1588	1590	1632	1605						35613
ASPHALT SEAL AGGREGATE	29198		1588	1590	1632	1605						35613
LIME STABILIZED ROADBED	119466		8185	7073	11668	6792	9826					192435
LIME	119466		8185	7073	11668	6792	9826					192435
ASPHALT CURING SEAL	119466		8185	7073	11668	6792	9826					192435
SAND FOR BLOTTER												192435

PAVING SUMMARY ALTERNATE B

ITEM CODE	ITEM	UNIT	MAINLINE	PARKWAY	RAMPS	APPROACHES	ENTRANCES	DIVERSIONS	TOTAL PROJECT
003	CRUSHED STONE BASE ① ⑧ ⑪ ⑫	TON	53624		14737	7976	930	1292	78559
013	LIME STABILIZED ROADBED	SO. YD.	119466		33718	9826			192435
014	LIME ⑤ ⑬	TON	2785		631	184			3600
020	TRAFFIC BOUND BASE	TON					696		696
100	ASPHALT SEAL AGGREGATE ③	TON	584		141 ④				725
103	ASPHALT SEAL COAT ②	TON	70		17 ④				87
190	LEVELING & WEDGING PG64-22	TON		235		444			679
212	CL2 ASPH BASE 1.00D PG64-22	TON					408		408
214	CL3 ASPH BASE 1.00D PG64-22	TON	3475						3475
221	CL2 ASPH BASE 0.75D PG64-22	TON				5116 ⑨		300	5416
301	CL2 ASPH SURF 0.38D PG64-22	TON				1116	286	354	1756
309	CL2 ASPH SURF 0.50D PG64-22	TON	196	848					1044
324	CL3 ASPH SURF 0.50B PG64-22	TON	564						564
330	CL3 ASPH SURF 0.50A PG64-22	TON		2159					2159
358	ASPHALT CURING SEAL ⑥	TON	119		34	10			192 ⑮
1845	ISLAND INTEGRAL CURB	LF	192.25		713.5				905.75
2073	9 IN JPC PAVEMENT	SO. YD.	72468		9859				93476
2078	JPC PAVEMENT 6 IN SHLD.	SO. YD.	35464		9859				45323
2200	ROADWAY EXCAVATION	CU. YD.							868490
2702	SAND FOR BLOTTER ⑦	TON	299		84	25			482 ⑩
10203ND	PAVEMENT ADJUSTMENT (CONCRETE) ⑯	L.S.							1

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 2.4 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)
- ③ ESTIMATED AT 20 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)
- ④ INCLUDES ASPHALT SEAL COAT FOR MEDIAN ISLANDS RAMP 1 - RS-2 - 2 TONS ADDED ASPHALT SEAL AGG. - 13 TONS ADDED
- ⑤ ESTIMATED AT 6% BY WEIGHT AT 103.9 LBS. PER CU. FT.
- ⑥ ESTIMATED AT 2 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑦ ESTIMATED AT 5 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑧ 1000 TONS ADDED EACH FOR MAINTAINING ENTRANCE ACCESS AND PER MOT NOTES
- ⑨ 20 TONS ADDED FOR MILLED TIE-INS ON BOB LEWIS RD WIDENING
- ⑩ 74 TONS ADDED PER GEOTECH NOTE #14

- ⑪ STONE ADDED FOR SHOULDER WEDGE MAINLINE - 20535 TONS RAMP 1 - 5937 TONS KY1297 - 3592 TONS
- ⑫ ADDITIONAL 294 TONS INCLUDED FOR BARRIER ISLAND CURBS FOR THE RAMP GORE AREAS.
- ⑬ 550 ADDED TONS PER GEOTECH NOTE #14
- ⑭ 29425 SQ. YD. ADDED PER GEOTECH NOTE #14
- ⑮ 29 TONS ADDED PER GEOTECH NOTE #14
- ⑯ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT

EARTHWORK CALCULATIONS: ALTERNATE B	
CONCRETE LANES AND CONCRETE SHOULDERS	
EMBANKMENT:	
69403 CU. YD. EMB.	
35413 CU. YD. GRANULAR EMB.	
726816 CU. YD. EMB. TOTAL	▲
EXCAVATION:	
777440 CU. YD. COM. EXC.	
16515 CU. YD. EMB. BENCHING	
36093 CU. YD. PROFIL. BENCHING	
48323 CU. YD. DIT. EXC.	
868490 CU. YD. TOTAL EXC.	

NOTE: THE CROSS-SECTIONS REFLECT THE ASPHALT PAVEMENT DEPTHS FOR THE SPECIAL SECTIONS GOVERN OVER THE CROSS-SECTIONS FOR CONCRETE DEPTHS.

• INCLUDES 1487 C.Y. FROM PIPE SUMMARY

▲ REVISED 9-5-12

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	3-7000	R2o

PAVING SUMMARY

PAVING AREAS ALTERNATE C

ITEM	PAVING AREAS ALTERNATE C										TOTAL PROJECT						
	MAINLINE	PARKWAY	RAMP 1	RAMP 2	RAMP 3	RAMP 4	KY1297	FRONTAGE ROAD	BOB LEWIS ROAD	ENTRANCES		DIVERSIONS					
ITEM CODE	DESCRIPTION	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT
	9" JPC PAVEMENT	72468		5749	4136	7173	3950										93476
	1.50" CL3 ASPHALT SURFACE 0.50A PG64-22	26160															26160
	1.50" CL3 ASPHALT SURFACE 0.50B PG64-22	6840															6840
	1.50" CL2 ASPHALT SURFACE 0.50D PG64-22	37839		2243	2160	3371	2085										57963
	1.25" CL2 ASPHALT SURFACE 0.38D PG64-22																22187
	2" CL2 ASPHALT SURFACE 0.38D PG64-22																2100
	3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480															6480
	3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480															6480
	3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480															6480
	3.25" CL2 ASPHALT BASE 1.00D PG64-22	36041															36041
	4.50" CL2 ASPHALT BASE 0.75D PG64-22																7864
	5" CL2 ASPHALT BASE 0.75D PG64-22																8055
	2" CL2 ASPHALT BASE 1.00D PG64-22																3710
	3" CL2 ASPHALT BASE 0.75D PG64-22																4166
	2.50" CL2 ASPHALT BASE 0.75D PG64-22	73108		5749	4136	7173	3950										3980
	4" CRUSHED STONE BASE																107515
	6" CRUSHED STONE BASE																4597
	8.5" CRUSHED STONE BASE	37290		2419	2330	3684	2258										47981
	8" CRUSHED STONE BASE																4214
	4" TRAFFIC BOUND BASE																3025
	ASPHALT SEAL COAT	29198		1588	1590	1632	1605										35613
	ASPHALT SEAL AGGREGATE	29198		1588	1590	1632	1605										35613
	LIME STABILIZED ROADBED	119466		8185	7073	11668	6792										163010
	LIME	119466		8185	7073	11668	6792										163010
	ASPHALT CURING SEAL	119466		8185	7073	11668	6792										163010
	SAND FOR BLOTTER																163010

PAVING SUMMARY ALTERNATE C

ITEM CODE	ITEM	UNIT	MAINLINE	PARKWAY	RAMPS	APPROACHES	ENTRANCES	DIVERSIONS	TOTAL PROJECT
003	CRUSHED STONE BASE ① ⑧ ⑩ ⑫	TON	54700		15677	7976	930	1292	80575
013	LIME STABILIZED ROADBED	SO. YD.	119466		33718	9826			192435
014	LIME ⑤ ⑬	TON	2785		631	184			3600
020	TRAFFIC BOUND BASE	TON					696		696
100	ASPHALT SEAL AGGREGATE ③	TON	584		141 ④				725
103	ASPHALT SEAL COAT ②	TON	70		17 ④				87
190	LEVELING & WEDGING PG64-22	TON		235		444			679
212	CL2 ASPH BASE 1.00D PG64-22	TON	6442				408		6850
214	CL3 ASPH BASE 1.00D PG64-22	TON	3475						3475
221	CL2 ASPH BASE 0.75D PG64-22	TON				5116 ⑨		300	5416
301	CL2 ASPH SURF 0.38D PG64-22	TON				1116	286	354	1756
309	CL2 ASPH SURF 0.50D PG64-22	TON	3122	848	813				4755
324	CL3 ASPH SURF 0.50B PG64-22	TON	564						564
330	CL3 ASPH SURF 0.50A PG64-22	TON		2159					2159
358	ASPHALT CURING SEAL ⑥	TON	119		34	10			192 ⑮
1845	ISLAND INTEGRAL CURB	L.F.	192.25		713.5				905.75
2073	9 IN JPC PAVEMENT	SO. YD.	72468		21008				93476
2200	ROADWAY EXCAVATION	CU. YD.							868490
2696	SHOULDER RUMBLE STRIPS-SAWED	L.F.	43130	17955	15635				76720
2702	SAND FOR BLOTTER ⑦	TON	299		84	25			482 ⑩
10203ND	PAVEMENT ADJUSTMENT (CONCRETE) ⑯	L.S.							1

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 2.4 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)
- ③ ESTIMATED AT 20 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)

4 INCLUDES ASPHALT SEAL COAT FOR MEDIAN ISLANDS
RAMP 1 - RS-2 - 2 TONS ADDED
ASPHALT SEAL AGG. - 13 TONS ADDED

- ⑤ ESTIMATED AT 6% BY WEIGHT AT 103.9 LBS. PER CU. FT.
- ⑥ ESTIMATED AT 2 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑦ ESTIMATED AT 5 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑧ 1000 TONS ADDED EACH FOR MAINTAINING ENTRANCE ACCESS AND PER MOT NOTES
- ⑨ 20 TONS ADDED FOR MILLED TIE-INS ON BOB LEWIS RD WIDENING
- ⑩ 74 TONS ADDED PER GEOTECH NOTE #14

- ⑪ STONE ADDED FOR SHOULDER WEDGE
MAINLINE - 19660 TONS
RAMPS - 5620 TONS
KY1297 - 3592 TONS
- ⑫ ADDITIONAL 294 TONS INCLUDED FOR BARRIER ISLAND CURBS FOR THE RAMP GORE AREAS.
- ⑬ 550 ADDED TONS PER GEOTECH NOTE #14
- ⑭ 29425 SQ. YD. ADDED PER GEOTECH NOTE #14
- ⑮ 29 TONS ADDED PER GEOTECH NOTE #14
- ⑯ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT

EARTHWORK CALCULATIONS: ALTERNATE C
CONCRETE LANES ASPHALT SHOULDERS
EMBANKMENT:
691403 CU. YD. EMB.
35413 CU. YD. GRANULAR EMB.
726816 CU. YD. EMB. TOTAL
EXCAVATION:
777440 CU. YD. COM. EXC.
16515 CU. YD. EMB BENCHING
27113 CU. YD. PROFILE BENCHING
39093 CU. YD. ROCK EXC.
*8329 CU. YD. DIT. EXC.
868490 CU. YD. TOTAL EXC.

NOTE: THE CROSS SECTIONS REFLECT THE ASPHALT PAVEMENT DEPTHS FOR THE TOTAL PAVEMENT OVER THE CROSS SECTIONS FOR CONCRETE DEPTHS.
• INCLUDES 1487 C.Y. FROM PIPE SUMMARY

PAVING SUMMARY

PAVING AREAS ALTERNATE C

ITEM	PAVING AREAS ALTERNATE C										TOTAL PROJECT		
	MAINLINE	PARKWAY	RAMP 1	RAMP 2	RAMP 3	RAMP 4	E	FRONTAGE ROAD	BOB LEWIS ROAD	ENTRANCES		DIVERSIONS	D
9" JPC PAVEMENT	72468		5749	4136	7173	3950							93476
1.50' CL3 ASPHALT SURFACE 0.50A PG64-22	26160												26160
1.50' CL3 ASPHALT SURFACE 0.50B PG64-22	6840												6840
1.50' CL2 ASPHALT SURFACE 0.50D PG64-22	37839	10265	2243	2160	3371	2085							57963
1.25' CL2 ASPHALT SURFACE 0.38D PG64-22							7811	3940	4478	4163	1795	2100	22187
2" CL2 ASPHALT SURFACE 0.38D PG64-22											2100		2100
3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480												6480
3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480												6480
3.25" CL3 ASPHALT BASE 1.00D PG64-22	6480												6480
3.25" CL2 ASPHALT BASE 1.00D PG64-22	36041						7864						36041
4.50" CL2 ASPHALT BASE 0.75D PG64-22							8055						8055
5" CL2 ASPHALT BASE 0.75D PG64-22									3710				3710
2" CL2 ASPHALT BASE 1.00D PG64-22									2350		1816		4166
3" CL2 ASPHALT BASE 0.75D PG64-22													3980
2.50" CL2 ASPHALT BASE 0.75D PG64-22	73108		5749	4136	7173	3950	8278	3980	3239	1882			107515
4" CRUSHED STONE BASE								4060	537				4597
6" CRUSHED STONE BASE													47981
8.5" CRUSHED STONE BASE	37290		2419	2330	3684	2258							4214
8" CRUSHED STONE BASE								2347			1867		3025
4" TRAFFIC BOUND BASE									3025				3025
ASPHALT SEAL COAT	29198		1588	1590	1632	1605							35613
ASPHALT SEAL AGGREGATE	29198		1588	1590	1632	1605							35613
LIME STABILIZED ROADBED	119466		8185	7073	11668	6792	9826						163010
LIME	119466		8185	7073	11668	6792	9826						163010
ASPHALT CURING SEAL	119466		8185	7073	11668	6792	9826						163010
SAND FOR BLOTTER													163010

PAVING SUMMARY ALTERNATE C

ITEM CODE	ITEM	UNIT	MAINLINE	PARKWAY	RAMPS	APPROACHES	ENTRANCES	DIVERSIONS	TOTAL PROJECT
003	CRUSHED STONE BASE ① ⑧ ⑪ ⑫	TON	54700		15677	7976	930	1292	80575
013	LIME STABILIZED ROADBED	SO. YD.	119466		33718	9826			192435
014	LIME ⑤ ⑬	TON	2785		631	184			3600
020	TRAFFIC BOUND BASE	TON					696		696
100	ASPHALT SEAL AGGREGATE ③	TON	584		141 ④				725
103	ASPHALT SEAL COAT ②	TON	70		17 ④				87
190	LEVELING & WEDGING PG64-22	TON		235		444			679
212	CL2 ASPH BASE 1.00D PG64-22	TON	6442				408		6850
214	CL3 ASPH BASE 1.00D PG64-22	TON	3475						3475
221	CL2 ASPH BASE 0.75D PG64-22	TON				5116 ⑨		300	5416
301	CL2 ASPH SURF 0.38D PG64-22	TON				1116	286	354	1756
309	CL2 ASPH SURF 0.50D PG64-22	TON	3122	848	813				4755
324	CL3 ASPH SURF 0.50B PG64-22	TON	564						564
330	CL3 ASPH SURF 0.50A PG64-22	TON		2159					2159
358	ASPHALT CURING SEAL ⑥	TON	119		34	10			192 ⑮
1845	ISLAND INTEGRAL CURB	L.F.	192.25		713.5				905.75
2073	9 IN JPC PAVEMENT	SO. YD.	72468		21008				93476
2200	ROADWAY EXCAVATION	CU. YD.							868490
2696	SHOULDER RUMBLE STRIPS-SAWED	L.F.	43130	17955	15635				76720
2702	SAND FOR BLOTTER ⑦	TON	299		84	25			482 ⑩
10203ND	PAVEMENT ADJUSTMENT (CONCRETE) ⑯	L.S.							1

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 2.4 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)
- ③ ESTIMATED AT 20 LBS. PER SQ. YD. (TOTAL INCLUDES 2 APPLICATIONS)

- 4 INCLUDES ASPHALT SEAL COAT FOR MEDIAN ISLANDS RAMP 1 - RS-2 - 2 TONS ADDED ASPHALT SEAL AGG. - 13 TONS ADDED

- ⑤ ESTIMATED AT 6% BY WEIGHT AT 103.9 LBS. PER CU. FT.
- ⑥ ESTIMATED AT 2 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑦ ESTIMATED AT 5 LBS PER SQ. YD. LIME STABILIZED ROADBED
- ⑧ 1000 TONS ADDED EACH FOR MAINTAINING ENTRANCE ACCESS AND PER MOT NOTES
- ⑨ 20 TONS ADDED FOR MILLED TIE-INS ON BOB LEWIS RD WIDENING
- ⑩ 74 TONS ADDED PER GEOTECH NOTE #14

- ⑪ STONE ADDED FOR SHOULDER WEDGE MAINLINE - 19660 TONS RAMP 1 - 5620 TONS KY1297 - 3592 TONS
- ⑫ ADDITIONAL 294 TONS INCLUDED FOR BARRIER ISLAND CURBS FOR THE RAMP GORE AREAS.
- ⑬ 550 ADDED TONS PER GEOTECH NOTE #14
- ⑭ 29425 SQ. YD. ADDED PER GEOTECH NOTE #14
- ⑮ 29 TONS ADDED PER GEOTECH NOTE #14
- ⑯ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT

EARTHWORK CALCULATIONS: ALTERNATE C	
CONCRETE LANES ASPHALT SHOULDERS	
EMBANKMENT:	
691403 CU. YD. EMB.	
35413 CU. YD. GRANULAR EMB.	
726816 CU. YD. EMB. TOTAL	
EXCAVATION:	
777440 CU. YD. COM. EXC.	
16515 CU. YD. EMB. BENCHING	
27113 CU. YD. PROFILE BENCHING	
39093 CU. YD. ROCK EXC.	
*8329 CU. YD. DIT. EXC.	
868490 CU. YD. TOTAL EXC.	

NOTE: THE CROSS SECTIONS REFLECT THE ASPHALT PAVEMENT DEPTHS FOR THE TOTAL PAVEMENT OVER THE CROSS SECTIONS FOR CONCRETE DEPTHS.

• INCLUDES 487 C.Y. FROM PIPE SUMMARY

▲ REVISED 9-5-12

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	3-7000	R2p

PAVING SUMMARY

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
SECTION 0001 PAVING ALT GROUP AA1 (ALTERNATE A - ASPHALT W/ ASPHALT SHOULDERS)						
0010	00003	CRUSHED STONE BASE	92,831.000	TON		
0020	00013	LIME STABILIZED ROADBED	192,435.000	SQYD		
0030	00014	LIME	3,600.000	TON		
0040	00020	TRAFFIC BOUND BASE	696.000	TON		
0050	00100	ASPHALT SEAL AGGREGATE	725.000	TON		
0060	00103	ASPHALT SEAL COAT	87.000	TON		
0070	00190	LEVELING & WEDGING PG64-22	679.000	TON		
0080	00212	CL2 ASPH BASE 1.00D PG64-22	8,509.000	TON		
0090	00214	CL3 ASPH BASE 1.00D PG64-22	52,052.000	TON		
0100	00221	CL2 ASPH BASE 0.75D PG64-22	5,416.000	TON		
0110	00301	CL2 ASPH SURF 0.38D PG64-22	1,756.000	TON		
0120	00309	CL2 ASPH SURF 0.50D PG64-22	4,783.000	TON		
0130	00324	CL3 ASPH SURF 0.50B PG64-22	8,246.000	TON		
0140	00330	CL3 ASPH SURF 0.50A PG64-22	2,159.000	TON		
0150	00358	ASPHALT CURING SEAL	192.000	TON		
0160	01845	ISLAND INTEGRAL CURB	301.750	LF		
0170	01891	ISLAND HEADER CURB TYPE 2	604.000	LF		
0180	02200	ROADWAY EXCAVATION	876,663.000	CUYD		
0190	02696	SHOULDER RUMBLE STRIPS-SAWED	76,720.000	LF		
0200	02702	SAND FOR BLOTTER	482.000	TON		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 2
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0210	10203ND	PAVEMENT ADJUSTMENT (ASPHALT)	(1.00)	LS	587,210.00	587,210.00
SECTION 0002 PAVING ALT GROUP AA2 (ALTERNATE B - CONCRETE W/ CONCRETE SHOULDERS)						
0220	00003	CRUSHED STONE BASE	78,559.000	TON		
0230	00013	LIME STABILIZED ROADBED	192,435.000	SQYD		
0240	00014	LIME	3,600.000	TON		
0250	00020	TRAFFIC BOUND BASE	696.000	TON		
0260	00100	ASPHALT SEAL AGGREGATE	725.000	TON		
0270	00103	ASPHALT SEAL COAT	87.000	TON		
0280	00190	LEVELING & WEDGING PG64-22	679.000	TON		
0290	00212	CL2 ASPH BASE 1.00D PG64-22	408.000	TON		
0300	00214	CL3 ASPH BASE 1.00D PG64-22	3,475.000	TON		
0310	00221	CL2 ASPH BASE 0.75D PG64-22	5,416.000	TON		
0320	00301	CL2 ASPH SURF 0.38D PG64-22	1,756.000	TON		
0330	00309	CL2 ASPH SURF 0.50D PG64-22	1,044.000	TON		
0340	00324	CL3 ASPH SURF 0.50B PG64-22	564.000	TON		
0350	00330	CL3 ASPH SURF 0.50A PG64-22	2,159.000	TON		
0360	00358	ASPHALT CURING SEAL	192.000	TON		
0370	01845	ISLAND INTEGRAL CURB	905.750	LF		
0380	02073	JPC PAVEMENT-9 IN	93,476.000	SQYD		
0390	02078	JPC PAVEMENT-6 IN SHLD	45,323.000	SQYD		
0400	02200	ROADWAY EXCAVATION	868,490.000	CUYD		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 3
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0410	02702	SAND FOR BLOTTER	482.000	TON		
0420	10203ND	PAVEMENT ADJUSTMENT (CONCRETE)	(1.00)	LS	288,141.00	288,141.00
SECTION 0003 PAVING ALT GROUP AA3 (ALTERNATE C - CONCRETE W/ ASPHALT SHOULDERS)						
0430	00003	CRUSHED STONE BASE	80,575.000	TON		
0440	00013	LIME STABILIZED ROADBED	192,435.000	SQYD		
0450	00014	LIME	3,600.000	TON		
0460	00020	TRAFFIC BOUND BASE	696.000	TON		
0470	00100	ASPHALT SEAL AGGREGATE	725.000	TON		
0480	00103	ASPHALT SEAL COAT	87.000	TON		
0490	00190	LEVELING & WEDGING PG64-22	679.000	TON		
0500	00212	CL2 ASPH BASE 1.00D PG64-22	6,850.000	TON		
0510	00214	CL3 ASPH BASE 1.00D PG64-22	3,475.000	TON		
0520	00221	CL2 ASPH BASE 0.75D PG64-22	5,416.000	TON		
0530	00301	CL2 ASPH SURF 0.38D PG64-22	1,756.000	TON		
0540	00309	CL2 ASPH SURF 0.50D PG64-22	4,755.000	TON		
0550	00324	CL3 ASPH SURF 0.50B PG64-22	564.000	TON		
0560	00330	CL3 ASPH SURF 0.50A PG64-22	2,159.000	TON		
0570	00358	ASPHALT CURING SEAL	192.000	TON		
0580	01845	ISLAND INTEGRAL CURB	905.750	LF		
0590	02073	JPC PAVEMENT-9 IN	93,476.000	SQYD		
0600	02200	ROADWAY EXCAVATION	868,490.000	CUYD		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 4
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0610	02696	SHOULDER RUMBLE STRIPS-SAWED	76,720.000	LF		
0620	02702	SAND FOR BLOTTER	482.000	TON		
0630	10203ND	PAVEMENT ADJUSTMENT (CONCRETE)	(1.00)	LS	288,141.00	288,141.00
SECTION 0004 ROADWAY						
0640	00078	CRUSHED AGGREGATE SIZE NO 2	20.000	TON		
0650	01000	PERFORATED PIPE-4 IN	3,202.000	LF		
0660	01010	NON-PERFORATED PIPE-4 IN	1,157.000	LF		
0670	01020	PERF PIPE HEADWALL TY 1-4 IN	7.000	EACH		
0680	01028	PERF PIPE HEADWALL TY 3-4 IN	2.000	EACH		
0690	01032	PERF PIPE HEADWALL TY 4-4 IN	11.000	EACH		
0700	01310	REMOVE PIPE	62.000	LF		
0710	01585	REMOVE DROP BOX INLET	1.000	EACH		
0720	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	150.000	EACH		
0730	01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	42.000	EACH		
0740	01984	DELINEATOR FOR BARRIER - WHITE	110.000	EACH		
0750	01985	DELINEATOR FOR BARRIER - YELLOW	12.000	EACH		
0760	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL HITE	24.000	EACH		
0770	01992	INSTALL TEMP CONC MED BARR	10,000.000	LF		
0780	02003	RELOCATE TEMP CONC BARRIER	1,000.000	LF		
0790	02014	BARRICADE-TYPE III	20.000	EACH		
0800	02091	REMOVE PAVEMENT	4,799.000	SQYD		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 5
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0810	02159	TEMP DITCH	16,950.000	LF		
0820	02223	GRANULAR EMBANKMENT (REVISED: 9-7-12)	47,032.000	CUYD		
0830	02242	WATER	1,500.000	MGAL		
0840	02262	FENCE-WOVEN WIRE TYPE 1	28,494.000	LF		
0850	02265	REMOVE FENCE	4,893.000	LF		
0860	02351	GUARDRAIL-STEEL W BEAM-S FACE	12,650.000	LF		
0870	02352	GUARDRAIL-STEEL W BEAM-D FACE	275.000	LF		
0880	02360	GUARDRAIL TERMINAL SECTION NO 1	6.000	EACH		
0890	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	12.000	EACH		
0900	02365	CRASH CUSHION TYPE IX-A	2.000	EACH		
0910	02369	GUARDRAIL END TREATMENT TYPE 2A	9.000	EACH		
0920	02373	GUARDRAIL END TREATMENT TYPE 3	1.000	EACH		
0930	02381	REMOVE GUARDRAIL	3,041.000	LF		
0940	02387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	2.000	EACH		
0950	02391	GUARDRAIL END TREATMENT TYPE 4A	12.000	EACH		
0960	02432	WITNESS POST	6.000	EACH		
0970	02545	CLEARING AND GRUBBING (143 ACRES)	(1.00)	LS		
0980	02562	SIGNS	1,283.500	SQFT		
0990	02585	EDGE KEY	89.000	LF		
1000	02598	FABRIC-GEOTEXTILE TYPE III	21,021.000	SQYD		
1010	02599	FABRIC-GEOTEXTILE TYPE IV	200.000	SQYD		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 6
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
1020	02600	FABRIC GEOTEXTILE TY IV FOR PIPE	9,851.000	SQYD	2.00	19,702.00
1030	02625	REMOVE HEADWALL	1.000	EACH		
1040	02650	MAINTAIN & CONTROL TRAFFIC	(1.00)	LS		
1050	02651	DIVERSIONS (BY-PASS DETOURS) (C MORGAN ROAD)	(1.00)	LS		
1060	02651	DIVERSIONS (BY-PASS DETOURS) (KY 1297 DIVERSION #1)	(1.00)	LS		
1070	02651	DIVERSIONS (BY-PASS DETOURS) (KY 1297 DIVERSION #2)	(1.00)	LS		
1080	02671	PORTABLE CHANGEABLE MESSAGE SIGN	3.000	EACH		
1090	02676	MOBILIZATION FOR MILL & TEXT	(1.00)	LS		
1100	02677	ASPHALT PAVE MILLING & TEXTURING	3,262.000	TON		
1110	02692	SETTLEMENT PLATFORM	2.000	EACH		
1120	02701	TEMP SILT FENCE	33,900.000	LF		
1130	02703	SILT TRAP TYPE A	143.000	EACH		
1140	02704	SILT TRAP TYPE B	143.000	EACH		
1150	02705	SILT TRAP TYPE C	143.000	EACH		
1160	02706	CLEAN SILT TRAP TYPE A	428.000	EACH		
1170	02707	CLEAN SILT TRAP TYPE B	428.000	EACH		
1180	02708	CLEAN SILT TRAP TYPE C	428.000	EACH		
1190	02709	CLEAN TEMP SILT FENCE	33,900.000	LF		
1200	02726	STAKING	(1.00)	LS		
1210	02775	ARROW PANEL	4.000	EACH		
1220	08905	CRASH CUSHION TY VI CLASS CT (REVISED: 8-30-12)	2.000	EACH		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 7
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
1230	02898	RELOCATE CRASH CUSHION	2.000	EACH		
1240	02929	CRASH CUSHION TYPE IX	2.000	EACH		
1250	03340	STEEL PIPE-2 1/2 IN	68.250	LF		
1260	03343	STEEL PIPE-4 IN	68.250	LF		
1270	05950	EROSION CONTROL BLANKET	180,658.000	SQYD		
1280	05952	TEMP MULCH	509,266.000	SQYD		
1290	05953	TEMP SEEDING AND PROTECTION	50,927.000	SQYD		
1300	05966	TOPDRESSING FERTILIZER	26.000	TON		
1310	05985	SEEDING AND PROTECTION	505,103.000	SQYD		
1320	05990	SODDING	4,163.000	SQYD		
1330	06417	FLEXIBLE DELINEATOR POST-W	102.000	EACH		
1340	06418	FLEXIBLE DELINEATOR POST-Y	62.000	EACH		
1350	06510	PAVE STRIPING-TEMP PAINT-4 IN	7,412.000	LF		
1360	06511	PAVE STRIPING-TEMP PAINT-6 IN	7,771.000	LF		
1370	06514	PAVE STRIPING-PERM PAINT-4 IN	87,665.000	LF		
1380	06515	PAVE STRIPING-PERM PAINT-6 IN	36,791.000	LF		
1390	06517	PAVE STRIPING-PERM PAINT-12 IN	1,775.000	LF		
1400	06531	PAVE STRIPING REMOVAL-6 IN	1,957.000	LF		
1410	06550	PAVE STRIPING-TEMP REM TAPE-W	348.000	LF		
1420	06567	PAVE MARKING-THERMO STOP BAR-12IN	30.000	LF		
1430	06568	PAVE MARKING-THERMO STOP BAR-24IN	379.000	LF		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 8
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
1440	06574	PAVE MARKING--THERMO CURV ARROW	35.000	EACH		
1450	06588	PAVEMENT MARKER TY IVA-BY TEMP	60.000	EACH		
1460	06589	PAVEMENT MARKER TYPE V-MW	252.000	EACH		
1470	06591	PAVEMENT MARKER TYPE V-BY	166.000	EACH		
1480	06592	PAVEMENT MARKER TYPE V-B W/R	544.000	EACH		
1490	06593	PAVEMENT MARKER TYPE V-B Y/R	162.000	EACH		
1500	06600	REMOVE PAVEMENT MARKER TYPE V	50.000	EACH		
1510	08100	CONCRETE-CLASS A	122.610	CUYD		
1520	08150	STEEL REINFORCEMENT	4,694.000	LB		
1530	20411ED	LAW ENFORCEMENT OFFICER	800.000	HOURL		
1540	20449NS724	SHAGBARK HICKORY	565.000	EACH		
1550	20451NS724	WHITE OAK	565.000	EACH		
1560	20516NS724	TULIP POPLAR	565.000	EACH		
1570	20904ED	RECONSTRUCT CURB BOX INLET	1.000	EACH		
1580	23274EN11F	TURF REINFORCEMENT MAT 1	4,715.000	SQYD		
1590	23791EC	PAVE STRIPING-CHEVRON MARKINGS	18,217.000	SQFT		
1600	24540	R/W MONUMENT TYPE 3	126.000	EACH		
SECTION 0005 DRAINAGE						
1610	00440	ENTRANCE PIPE-15 IN	545.000	LF		
1620	00441	ENTRANCE PIPE-18 IN	36.000	LF		
1630	00443	ENTRANCE PIPE-24 IN	28.000	LF		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 9
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
1640	00445	ENTRANCE PIPE-30 IN	51.000	LF		
1650	00461	CULVERT PIPE-15 IN	940.000	LF		
1660	00462	CULVERT PIPE-18 IN	778.000	LF		
1670	00464	CULVERT PIPE-24 IN	319.000	LF		
1680	00466	CULVERT PIPE-30 IN	371.000	LF		
1690	00468	CULVERT PIPE-36 IN	442.000	LF		
1700	00469	CULVERT PIPE-42 IN	731.000	LF		
1710	00470	CULVERT PIPE-48 IN	78.000	LF		
1720	00471	CULVERT PIPE-54 IN	42.000	LF		
1730	00472	CULVERT PIPE-60 IN	22.000	LF		
1740	01432	SLOPED BOX OUTLET TYPE 1-15 IN	8.000	EACH		
1750	01450	S & F BOX INLET-OUTLET-18 IN	11.000	EACH		
1760	01451	S & F BOX INLET-OUTLET-24 IN	6.000	EACH		
1770	01452	S & F BOX INLET-OUTLET-30 IN	2.000	EACH		
1780	01453	S & F BOX INLET-OUTLET-36 IN	3.000	EACH		
1790	01480	CURB BOX INLET TYPE B	2.000	EACH		
1800	01493	DROP BOX INLET TYPE 2	1.000	EACH		
1810	01502	DROP BOX INLET TYPE 5A	1.000	EACH		
1820	01505	DROP BOX INLET TYPE 5B	2.000	EACH		
1830	01508	DROP BOX INLET TYPE 5C	1.000	EACH		
1840	01511	DROP BOX INLET TYPE 5D	7.000	EACH		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 10
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
1850	01517	DROP BOX INLET TYPE 5F	5.000	EACH		
1860	01568	DROP BOX INLET TYPE 13S	1.000	EACH		
1870	01650	JUNCTION BOX	2.000	EACH		
1880	01767	MANHOLE TYPE C	1.000	EACH		
1890	02484	CHANNEL LINING CLASS III	937.000	TON		
1910	08150	STEEL REINFORCEMENT	4,234.000	LB		
1920	23131ER701	PIPELINE VIDEO INSPECTION	1,855.000	LF		
SECTION 0006 BRIDGE						
1930	02220	FLOWABLE FILL	310.200	CUYD		
1940	02231	STRUCTURE GRANULAR BACKFILL	720.000	CUYD		
1950	02403	REMOVE CONCRETE MASONRY	146.000	CUYD		
1960	02998	MASONRY COATING	4,673.000	SQYD		
1970	03299	ARMORED EDGE FOR CONCRETE	465.400	LF		
1980	08001	STRUCTURE EXCAVATION-COMMON	1,999.600	CUYD		
1990	08002	STRUCTURE EXCAV-SOLID ROCK	1,030.400	CUYD		
2000	08019	CYCLOPEAN STONE RIP RAP	10,022.000	TON		
2010	08020	CRUSHED AGGREGATE SLOPE PROT	2,253.000	TON		
2020	08033	TEST PILES	253.000	LF		
2030	08046	PILES-STEEL HP12X53	728.000	LF		
2040	08051	PILES-STEEL HP14X89	2,430.500	LF		
2050	08094	PILE POINTS-12 IN	26.000	EACH		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 11
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
2060	08095	PILE POINTS-14 IN	58.000	EACH		
2070	08100	CONCRETE-CLASS A	2,797.900	CUYD		
2080	08104	CONCRETE-CLASS AA	2,217.300	CUYD		
2090	08150	STEEL REINFORCEMENT	344,299.000	LB		
2100	08151	STEEL REINFORCEMENT-EPOXY COATED	646,844.000	LB		
2110	08551	MACHINE PREP OF SLAB	1,078.000	SQYD		
2120	08633	PRECAST PC I BEAM TYPE 3	839.800	LF		
2130	08635	PRECAST PC I BEAM TYPE 6	1,981.300	LF		
2140	08636	PRECAST PC I BEAM TYPE 5	4,113.300	LF		
2150	20598NC	BAR SPLICE-PHASE CONSTRUCTION	691.000	EACH		
2160	21532ED	RAIL SYSTEM TYPE III	2,316.000	LF		
SECTION 0007 SIGNING						
2170	06400	GMSS GALV STEEL TYPE A	2,025.000	LB		
2180	06405	SBM ALUMINUM PANEL SIGNS	1,039.000	SQFT		
2190	06406	SBM ALUM SHEET SIGNS .080 IN	1,004.000	SQFT		
2200	06407	SBM ALUM SHEET SIGNS .125 IN	369.000	SQFT		
2210	06410	STEEL POST TYPE 1	490.000	LF		
2220	06411	STEEL POST TYPE 2	2,159.000	LF		
2230	06417	FLEXIBLE DELINEATOR POST-W	50.000	EACH		
2240	06418	FLEXIBLE DELINEATOR POST-Y	100.000	EACH		
2250	06441	GMSS GALV STEEL TYPE C	5,196.600	LB		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 12
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
2260	06451	REMOVE SIGN SUPPORT BEAM	2.000	EACH		
2270	06490	CLASS A CONCRETE FOR SIGNS	25.000	CUYD		
2280	06491	STEEL REINFORCEMENT FOR SIGNS	1,232.000	LB		
2290	20419ND	ROADWAY CROSS SECTION	6.000	EACH		
2300	21373ND	REMOVE SIGN	1.000	EACH		
2310	21596ND	GMSS TYPE D	16.000	EACH		
SECTION 0008 SIGNALIZATION						
2320	04793	CONDUIT-1 1/4 IN	920.000	LF		
2330	04795	CONDUIT-2 IN	1,050.000	LF		
2340	04811	ELECTRICAL JUNCTION BOX TYPE B	10.000	EACH		
2350	04820	TRENCHING AND BACKFILLING	1,895.000	LF		
2360	04830	LOOP WIRE	4,893.000	LF		
2370	04844	CABLE-NO. 14/5C	1,576.000	LF		
2380	04850	CABLE-NO. 14/1 PAIR	10,126.000	LF		
2390	04895	LOOP SAW SLOT AND FILL	1,739.000	LF		
2400	20094ES835	TEMP RELOCATION OF SIGNAL HEAD	5.000	EACH		
2410	20188NS835	INSTALL LED SIGNAL-3 SECTION	6.000	EACH		
2420	20266ES835	INSTALL LED SIGNAL- 4 SECTION	2.000	EACH		
2430	21543EN	BORE AND JACK CONDUIT	75.000	LF		
2440	21659NN	RELOCATE SIGNAL HEAD	4.000	EACH		
SECTION 0009 LIGHTING						

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 13
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
2450	04714	POLE 120 FT MTG HT HIGH MAST	8.000	EACH		
2460	04760	POLE W/SECONDARY CONTROL EQUIP	2.000	EACH		
2470	04773	HPS LUMINAIRE HIGH MAST	48.000	EACH		
2480	04797	CONDUIT-3 IN	1,758.000	LF		
2490	04800	MARKER	13.000	EACH		
2500	04820	TRENCHING AND BACKFILLING	6,195.000	LF		
2510	04860	CABLE-NO. 8/3C DUCTED	1,870.000	LF		
2520	04862	CABLE-NO. 4/3C DUCTED	2,990.000	LF		
2530	04863	CABLE-NO. 2/3C DUCTED	5,180.000	LF		
2540	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	4.000	EACH		
2550	20392NS835	ELECTRICAL JUNCTION BOX TYPE C	4.000	EACH		
2560	21543EN	BORE AND JACK CONDUIT	1,648.000	LF		
2570	23161EN	POLE BASE-HIGH MAST	79.000	CUYD		
SECTION 0010 WATERLINE						
2580	01075	STEEL ENCASEMENT PIPE-18 IN	170.000	LF		
2590	01099	DUCTILE IRON PIPE-12 IN	1,949.000	LF		
2600	03360	COPPER PIPE-3/4 IN	20.000	LF		
2610	03380	PVC PIPE-1 IN	335.000	LF		
2620	03385	PVC PIPE-6 IN	3,900.000	LF		
2630	03551	TAPPING SLEEVE & VALVE	1.000	EACH		
2640	20864ND	FIRE HYDRANT ASSEMBLY	3.000	EACH		

CONTRACT ID: 121342
COUNTY: BARREN
PROPOSAL: FD04 SPP 005 NEW ROUTE

PAGE: 14
LETTING: 09/14/12
CALL NO: 301

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
2650	21193ND	CONNECT TO 4 IN	1.000	EACH		
2660	21916EN	PVC PIPE 6 IN-WITH STEEL PIPE 12 IN	574.000	LF		
2670	22780NN	RESTRAINED JOINT BEND-6 IN	5.000	EACH		
2680	22873NN	CUT IN & SLEEVE CONNECT-12 IN	2.000	EACH		
2690	22874NN	RESILIENT SEAT GATE VALVE-12 IN	2.000	EACH		
2700	22875NN	RESILIENT SEAT GATE VALVE-4 IN	1.000	EACH		
2710	23904EC	TAPPING SADDLE 2 X 1 IN WITH CORP STOP	1.000	EACH		
SECTION 0011 MOBILIZATION / DEMOBILIZATION						
2720	02568	MOBILIZATION (NO MORE THAN 5%)		LUMP		
2730	02569	DEMOBILIZATION (AT LEAST 1.5%)		LUMP		
		TOTAL BID				