

10-06-93

DEPARTMENT OF TRANSPORTATION  
RICHMOND, VIRGINIAPAGE NO.: 1  
PROJ.: 6017-099-F14,C502,  
6017-036-F15,C503,C504,B604,N37.13500 LAT. W76.30530 LONG. PPMS NO. (11592)  
FROM: 0.098MI. SO. OF ALEXANDER HAMILTON BLVD.

FHWA: NONE RTE: 17

TO: 0.332MI. NO. OF ALEXANDER HAMILTON BLVD.  
AC-DBP-005(001)  
1.506 MILES FHWA-534-DATA-2E204

COUNTY OF: YORK

GRADE, DRAIN., ASP. CONC. PAVE., UTILS, TOLL PLAZA,  
SIGNALS, SIGNS, LIGHTS, LANDSCAPING, INCIDS. &

ITEM CODE	ITEM	QUANTITY	UNIT	SEPTEMBER 29, 1993		(0178-93A2)
				2	3	
100	MOBILIZATION	1	L.S.	3630900.00	3900000.00	
101	* CONSTRUCTION SURVEYING	1	L.S.	92489.00	600000.00	
110	CLEARING AND GRUBBING	1	L.S.	105000.00	500000.00	
120	@ REGULAR EXCAVATION	20130	C.Y.	12.60	40.00	
211	@ MINOR STRUCTURE EXCAV. PIPE CULVERT	55	C.Y.	21.00	20.00	
220	RETENTION POND EXCAVATION	1439	C.Y.	26.25	40.00	
231	SELECT MATERIAL MIN. CBR-15	3184	C.Y.	10.50	50.00	
272	SELECT MATL. TY. I MIN. CBR-30	1916	C.Y.	26.25	50.00	
525	CONCRETE CLASS A3 MISC.	12	C.Y.	525.00	300.00	
591	COMB. UNDERDRAIN CD-2	45	L.F.	10.00	20.00	
595	UNDERDRAIN UD-4 (MOD)	11702	L.F.	6.30	10.00	
596	ENDWALL EW-12	11	EA.	315.00	1000.00	
1122	12" CONC. PIPE	181	L.F.	18.90	90.00	
1150	15" PIPE	1632	L.F.	26.25	100.00	
1182	18" CONC. PIPE	874	L.F.	29.40	110.00	
1242	24" CONC. PIPE	110	L.F.	42.00	120.00	
1302	30" CONC. PIPE	345	L.F.	68.25	350.00	
1361	JACKED 36" PIPE	43	L.F.	399.00	1000.00	
1362	36" CONC. PIPE	1335	L.F.	74.55	200.00	
6121	12" END SECTION ES-1	3	EA.	329.00	500.00	
6150	15" END SECTION ES-1 OR 2	7	EA.	352.86	500.00	
6181	18" END SECTION ES-1	5	EA.	405.20	500.00	
6301	30" END SECTION ES-1	1	EA.	751.00	500.00	
6740	DROP INLET DI-1	5	EA.	360.80	2000.00	
6822	DROP INLET DI-3B,L=14'	1	EA.	2317.00	10000.00	
6837	DROP INLET DI-3C,L=10'	1	EA.	2023.00	10000.00	
7508	DROP INLET DI-7	6	EA.	2460.17	2000.00	
7510	DROP INLET DI-7A	1	EA.	1715.00	10000.00	
8122	DROP INLET DI-10E TY. II,L=8'	1	EA.	8658.00	1000.00	
8136	DROP INLET DI-10F TY. II,L=6'	1	EA.	796.00	10000.00	
8158	DROP INLET DI-10E TY. III,L=10'	2	EA.	7822.50	5000.00	
8159	DROP INLET DI-10E TY. III, L=10' (MOD)	1	EA.	6300.00	10000.00	
8173	DROP INLET DI-10F, TY. III, L=8' (MOD)	4	EA.	6825.00	2500.00	
8175	DROP INLET DI-10F TY. III, L=10' (MOD)	3	EA.	6825.00	4000.00	

8961	SPEC. DES. SHLDR. SLOT INLET TY. I (4" CURB)	5	EA.	1218.00	2000.00
9000	ENERGY DISSIPATOR EG-1 MOD.	1	EA.	1680.00	7500.00
9056	MANHOLE MH-1 OR 2	132	L.F.	220.50	300.00

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COMMONWEALTH OF VIRGINIA

DEPARTMENT OF TRANSPORTATION  
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PROJ.: 6017-099-F14,C502,  
6017-036-F15,C503,C504,B604,  
(0178-93A2)

ITEM CODE	ITEM	QUANTITY	UNIT	SEPTEMBER 29, 1993 2	3
9057	FRAME & COVER MH-1	15	EA.	246.73	500.00
9125	ENERGY DISSIPATOR EG-1	1	EA.	2205.00	1500.00
9126	ENERGY DISSIPATOR EG-1A	2	EA.	840.00	1500.00
9151	EROSION CONTROL STONE CLASS I, EC-1	40	S.Y.	65.63	60.00
9165	PIPE SPILLOUT PS-2	1	EA.	4252.00	1000.00
9185	@ PAVED DITCH PG-2A	437	S.Y.	25.15	70.00
9225	@ PAVED FLUME PG-4	99	S.Y.	42.00	70.00
9250	SLOPE DRAIN	3	EA.	1575.00	1500.00
10061	STAB. OPEN-GRADED MATERIAL	615	TON	33.13	60.00
10128	AGGR. BASE MATL. TY. I NO. 21B	8454	TON	13.13	30.00
10416	> LIQUID ASPHALT	3132	GAL.	1.73	4.00
10570	@ COAL TAR PITCH EMULSION	2711	S.Y.	0.63	2.00
10585	& ASPHALT CONCRETE TY. SM-2C	3874	TON	27.46	55.00
10589	& ASPHALT CONCRETE TY. IM-1A	623	TON	29.51	55.00
10590	& ASPHALT CONCRETE TY. IM-1B	4102	TON	27.14	45.00
10592	& ASPHALT CONCRETE BASE COURSE BM-2	11375	TON	25.99	50.00
10630	@ FLEXIBLE PAVEMENT PLANING	20255	S.Y.	0.53	0.50
10781	@ PLAIN HYDRAULIC CEMENT CONC. PAVE. 8"	18093	S.Y.	21.73	22.00
10792	@ PLAIN HYDRAULIC CEMENT CONC. PAVE. 10"	4100	S.Y.	34.54	26.00
10990	SAW CUT EXIST. PAVE 13" DEPTH	1247	L.F.	15.75	20.00
11020	@ CONC. CLASS A4 BRIDGE APPR. SLAB	138	C.Y.	140.93	400.00
11030	@ REINF. STEEL BRIDGE APPR. SLAB	30000	LB.	0.39	0.50
12020	@ STD. CURB CG-2	172	L.F.	7.61	10.00
12022	@ RADIAL CURB CG-2	80	L.F.	7.92	12.00
12031	STD. CURB CG-3 MOD.	52	L.F.	9.44	10.00
12322	@ ASPHALT CONCRETE CURB TY. MC-3B	1465	L.F.	4.72	5.00
12505	& ASPHALT CONCRETE, CURB BACKUP MATERIAL	41	TON	81.90	80.00
12700	@ STD. COMB. CURB & GUTTER CG-7	216	L.F.	8.66	12.00
13114	@ ENTRANCE GUTTER CG-13	204	S.Y.	33.60	36.00
13210	R/W MONUMENT RM-1	14	EA.	525.00	150.00

13320	GUARDRAIL GR-2	3131	L.F.	11.55	13.00
13323	GUARDRAIL GR-2A	62	L.F.	18.90	16.00
13331	RAD. GUARDRAIL GR-2	217	L.F.	12.60	14.00
13333	RAD. GUARDRAIL GR-2A	15	L.F.	22.00	18.00
13343	GUARDRAIL TERMINAL GR-6	150	L.F.	16.80	16.00
13344	GUARDRAIL TERMINAL GR-7	3	EA.	1102.33	1000.00
13384	FIXED OBJECT ATTACH. GR-FOA-1 TY. 11	1	EA.	315.00	500.00

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ITEM CODE	ITEM	QUANTITY	UNIT	SEPTEMBER 29, 1993 2	3
13392	FIXED OBJECT ATTACH. GR-FOA-2 TY. I	1	EA.	1050.00	1250.00
13393	FIXED OBJECT ATTACH. GR-FOA-2 TY. II	1	EA.	315.00	500.00
13410	@ SPEC. DES. MEDIAN BARRIER TY.I	453	L.F.	36.75	80.00
13412	@ SPEC. DES. MEDIAN BARRIER TY.II	1047	L.F.	72.98	80.00
13471	@ MEDIAN BARRIER MB-7A	881	L.F.	18.06	50.00
13473	@ MEDIAN BARRIER MB-7C	96	L.F.	36.75	60.00
13502	@ SIGN ISLAND SI-2	66	S.Y.	29.39	20.00
13539	TIEBACK ANCHORS	112	EA.	1099.05	2500.00
13540	@ CONCRETE CLASS A3 RETAINING WALL	2375	C.Y.	206.65	300.00
13541	RETAINING WALL PARAPET CONC.	2501	L.F.	26.03	50.00
13542	BRICK FACING	4258	S.F.	13.76	20.00
13543	CAST IN PLACE CONC.	13536	S.F.	16.89	20.00
13544	BICYCLE RAIL	896	L.F.	31.42	35.00
13545	@ REINF. STEEL	171900	LB.	0.39	0.50
13546	STEEL SOLDIER PILE	306	TON	578.66	3000.00
13547	BORED HOLES	5764	L.F.	20.18	50.00
13561	@ POROUS BACKFILL	205	C.Y.	35.60	50.00
13565	@ RETAINING WALL EXCAVATION	6783	C.Y.	27.18	50.00
13630	IMPACT ATTENUATOR SERVICE TYPE I-A	44	EA.	4790.89	12000.00
13639	2 BAY IMPACT ATTENUATOR	1	EA.	11010.00	12000.00
13661	7 BAY IMPACT ATTENUATOR	6	EA.	26550.00	30000.00
13753	@ SOUND BARRIER WALL	3706	S.F.	33.87	40.00
13756	@ BRICK SOUND BARRIER WALL	3460	S.F.	28.12	55.00
21000	PRECAST CONC.PARKBUMP	54	EA.	105.00	50.00
21020	@ MEDIAN STRIP MS-1	112	S.Y.	29.40	30.00
21110	@ MEDIAN STRIP MS-1A	995	S.Y.	26.25	30.00
24100	ALLAYING DUST	2500	HR.	31.50	90.00
24271	TRUCK MOUNTED CRASH CUSHION	1150	HR.	38.39	40.00
24277	FURNISH PORTABLE CHANGEABLE MESS. SIGN	2	EA.	20000.00	25000.00
24278	GROUP 2 CHANNELIZING	151500	DAY	0.50	0.25

24279	DEVICES PORTABLE CHANGEABLE MESSAGE SIGN	15000	HR.	2.00	5.00
24280	WARNING LIGHT	38300	DAY	0.50	0.25
24281	ELECTRONIC ARROW	1650	HR.	3.00	1.00
24282	FLAGGER SERVICE	2900	HR.	19.84	10.00
24290	TRAFFIC BARRIER SERVICE CONCRETE	17879	L.F.	9.00	20.00
24410	@ DEMOLITION OF PAVEMENT	11322	S.Y.	2.10	8.00
24601	REMOVE EXIST. GUARDRAIL	3247	L.F.	1.31	3.00
24602	REMOVE EXIST. FENCE	133	L.F.	10.50	3.00
24710	RESET EXIST. GOVT. BENCH MARK	6	EA.	525.00	200.00
25505	FIELD OFFICE TY.I	33	MO.	685.00	1500.00
25508	FIELD OFFICE, ENGINEER	33	MO.	3646.09	4000.00

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ITEM CODE	ITEM	QUANTITY	UNIT	SEPTEMBER 29, 1993 2	3
26117	DRY RIPRAP CL. AI	18	TON	63.00	200.00
27012	@ TOPSOIL CLASS A 2"	3.6	ACRE	4200.00	5000.00
27102	REGULAR SEED	492	LB.	8.35	11.00
27103	OVERSEEDING	154	LB.	1.00	5.00
27215	FERTILIZER(15-30-15)	4	TON	498.75	525.00
27250	LIME	15	TON	204.73	115.00
27321	PROTECTIVE COVERING EC-2	1560	S.Y.	1.84	3.00
27326	SOIL STABILIZATION MAT EC-3 TYPE B	973	S.Y.	6.83	7.00
27422	DEWATERING BASIN	3	EA.	544.00	600.00
27430	SILTATION CONTROL EXCAVATION	1666	C.Y.	26.25	30.00
27505	TEMP. SILT FENCE	6945	L.F.	4.50	6.00
27506	TEMP. FILTER BARRIER	2856	L.F.	3.50	6.00
27600	CLOSING WELL	1	EA.	26250.00	1200.00
28810	MULCHING	223	UNIT	42.00	32.00
28811	REMULCHING	307	C.Y.	42.00	29.00
28820	WATERING	967	UNIT	42.00	60.00
28851	REMOVAL OF WEEDS, GRASS & ROOT GROWTH	110322	EA.	0.42	2.50
28852	SELECTIVE TREE REMOVAL TRIMMING & CLEANUP MOD	1	ACRE	1050.00	10000.00
29043	SHADBLOW SERVICEBERRY 1.5" CAL.	12	EA.	131.25	131.00
29083	EASTERN REDBUD 1.0" CAL.	20	EA.	105.00	90.00
29133	FLOWERING DOGWOOD 1.0" CAL.	51	EA.	105.00	84.00
29134	KOUSA DOGWOOD 1.0" CAL.	33	EA.	105.00	125.00
29485	WHITEHOUSE PEAR 4.0" CAL.	1	EA.	787.00	415.00
30054	RED MAPLE 1.25" CAL.	13	EA.	105.00	100.00
30058	RED MAPLE 2.50" CAL.	19	EA.	236.26	200.00

30059	RED MAPLE 3.0" CAL.	6	EA.	315.00	400.00
30060	RED SUNSET MAPLE 3.0" CAL.	6	EA.	315.00	500.00
30069	SUGAR MAPLE 3.0" CAL.	5	EA.	315.00	500.00
30319	AMERICAN BEECH 3.0" CAL.	2	EA.	315.00	700.00
30368	WHITE ASH 2.50" CAL.	23	EA.	262.48	200.00
30484	AMERICAN SWEETGUM 1.25" CAL.	12	EA.	105.00	70.00
30488	AMERICAN SWEETGUM 2.50" CAL.	33	EA.	210.00	200.00
30618	AMERICAN SYCAMORE 2.50" CAL.	14	EA.	210.00	170.00
30669	WHITE OAK 3.0" CAL.	8	EA.	315.00	420.00
30709	SCARLET OAK 3.0" CAL.	2	EA.	315.00	420.00
30749	PIN OAK 3.0" CAL.	20	EA.	315.00	400.00
30768	NORTHERN RED OAK 2.50" CAL.	32	EA.	262.50	250.00
32283	LOBLOLLY PINE 6'	46	EA.	115.50	115.00
32293	JAPANESE BLACK PINE 6'	25	EA.	136.48	135.00

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ITEM CODE	ITEM	QUANTITY	UNIT	SEPTEMBER 29, 1993 2	3
33913	AMERICAN ELDER 2'	59	EA.	36.75	30.00
34103	ARROWWOOD 2'	63	EA.	31.49	15.00
34104	ARROWWOOD 3'	60	EA.	42.00	30.00
34105	BUTTON BUSH 2'	137	EA.	31.50	11.00
35232	HELLER HOLLY 18"	11	EA.	31.00	40.00
35653	NORTHERN BAYBERRY 2'	43	EA.	31.49	30.00
37165	ENGLISH IVY 3" POT	17590	EA.	1.05	0.80
37242	BOSTON IVY 2 YR. NO. 2	42	EA.	6.31	10.00
38833	CARLTON DAFFODIL DN 2	3405	EA.	0.79	0.70
38834	CAMELOT DAFFODIL DN 2	1000	EA.	0.79	0.70
38835	TITLETATTLE DAFFODIL DN 2	1000	EA.	0.79	0.80
39000	ROOT PRUNING	5191	L.F.	0.52	4.70
39001	PROTECTIVE FENCING	1250	L.F.	2.10	2.50
39002	MULCHING	173	UNIT	47.25	25.00
39003	PRUNING	1	L.S.	1050.00	10000.00
39004	FERTILIZING	2500	GAL.	0.52	3.00
39006	SPECIAL PRUNING OF SHRUBS AND TREES	232	EA.	4.20	12.00
40003	* 1" WATER SERVICE LINE	135	L.F.	18.84	35.00
40060	* 6" WATER MAIN	115	L.F.	28.19	60.00
40080	* 8" WATER MAIN	1290	L.F.	34.86	70.00
40081	* 8" DI WATER MAIN	225	L.F.	54.60	70.00
40121	* 12" DI WATER MAIN	1610	L.F.	49.67	125.00
41006	* 6" GATE VALVE & BOX	3	EA.	609.00	2500.00

41008	* 8" GATE VALVE & BOX	3	EA.	837.00	2500.00
41104	* ADJUST EXIST. VALVE BOX	1	EA.	157.00	1000.00
41820	* FIRE HYDRANT	2	EA.	1359.50	3000.00
41900	* CONCRETE PROTECTION SLAB	1	EA.	630.00	300.00
41976	* RELOC. EXIST. WATER METER & BOX	1	EA.	525.00	500.00
41977	* ADJUST EXIST. WATER METER BOX	1	EA.	131.00	500.00
42067	* 6" SANITARY SEWER FORCE MAIN	35	L.F.	288.74	100.00
42850	* EMERGENCY PUMP CONNECTION	1	EA.	15960.00	5000.00
44275	* MODIFY EXISTING PUMP STATION	1	L.S.	13650.00	15000.00
45505	* CONNECT TO EXIST. A/C PIPE	4	EA.	1785.00	3000.00
45506	* REMOVE EXIST. A/C PIPE	505	L.F.	68.25	35.00
50100	VAR. MESS. SIGNS TOLL PLAZA	1	L.S.	42670.00	100000.00
50108	@ SIGN PANEL	3816	S.F.	17.32	17.00
50204	SIGN POST WOOD 4" X 4"	363	L.F.	6.67	6.50
50206	SIGN POST WOOD 6" X 6"	454	L.F.	8.40	8.00
50404	SIGN POST STEEL 4"	35	L.F.	20.00	20.00
50412	SIGN POST STEEL 12"	186	L.F.	30.97	30.00
50414	SIGN POST STEEL 14"	205	L.F.	34.13	33.00
50416	SIGN POST STEEL 16"	38	L.F.	53.03	50.00

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ITEM CODE	ITEM	QUANTITY	UNIT	SEPTEMBER 29, 1993	
				2	3
50510	CONC. FOUND., SSP-VI A 2'9" DIA. X 4'6" DEPTH	2	EA.	303.00	300.00
50516	CONC. FOUND., SSP-VI A 2'9" DIA. X 6' DEPTH	2	EA.	390.00	400.00
50518	CONC. FOUND., SSP-VI A 2'9" DIA. X 6'6" DEPTH	8	EA.	396.88	400.00
50528	CONC. FOUND., SSP-VI A 3'0" DIA. X 7' DEPTH	10	EA.	517.60	500.00
50610	RELOC. EXIST. SIGN STRUCT. TY. I	2	EA.	85.00	80.00
50617	RELOC. EXIST. SIGN STRUCT. TY. WP-1	1	EA.	62.00	60.00
50759	RELOC. EXIST. SIGN PANEL TY. SP-1	2	EA.	94.00	90.00
50867	REMOVE-DISPOSE SIGN STRUCT. TY. WP-1	55	EA.	23.25	23.00
50868	REMOVE-DISPOSE SIGN STRUCT. TY. WP-2	7	EA.	46.00	45.00
50900	OVERHEAD SIGN STRUCT. LOCATION NO. 1	1	EA.	23520.00	23000.00
50910	OVERHEAD SIGN STRUCT. LOCATION NO. 5	1	EA.	21990.00	21000.00
50920	OVERHEAD SIGN STRUCT. LOCATION NO. 7	1	EA.	43380.00	41000.00
50930	OVERHEAD SIGN STRUCT.	1	EA.	8940.00	9000.00

LOCATION NO. 8					
51163	FLASHER	1	EA.	521.00	500.00
51165	ELECTRICAL SERVICE SE-1	1	EA.	934.00	900.00
51180	TRAFFIC SIGNAL HEAD SECTION 12" STANDARD	6	EA.	188.00	180.00
51235	CONCRETE FOUNDATION SIGNAL POLE	2	EA.	965.00	900.00
51276	SIGNAL POLE MP-2 30'	2	EA.	1952.00	2000.00
51602	14/4 CONDUCTOR CABLE	400	L.F.	0.74	1.00
51730	SPAN WIRE 1/2"	200	L.F.	2.23	2.50
51826	HANGER ASSEMBLY SW-2, ONE WAY	6	EA.	83.00	80.00
54032	TYPE B CLASS I PAVE. LINE MARKING 4"	31260	L.F.	0.37	0.35
54040	TYPE B CLASS I PAVE. LINE MARKING 12"	545	L.F.	1.05	1.20
54049	TYPE B CLASS III PAVE. LINE MARKING 4"	24190	L.F.	1.05	1.40
54105	ERADICATION OF EXIST. PAVEMENT MARKING	7800	L.F.	0.68	0.80
54215	SNOW PLOWABLE RAISED PAVEMENT MARKER	204	EA.	28.35	30.00
54240	TEMP. PAVE. MARKER 1 WAY	1772	EA.	3.15	3.00
54300	PAVEMENT MESSAGE MARK. ELONGATED ARROW SINGLE	16	EA.	63.00	60.00
54400	PAVEMENT MESSAGE MARK. "ONLY"	3	EA.	157.00	150.00
54408	CONSTR. PAVE. MARKING (TY. A OR C) 4"	81100	L.F.	0.16	0.25
54411	CONSTR. PAVE. MARKING (TY. A OR C) 24"	800	L.F.	1.57	1.50
54412	CONSTR. PAVE. MARKING (TY. D) 4"	14200	L.F.	1.47	1.40

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54415	CONSTR. PAVE. MARKING (TY. D) 24"	460	L.F.	2	3
54456	CONSTR. P.M. TY. A ELONG. ARROW	37	EA.	26.00	20.00
55040	4 CONDUCTOR CABLE	40300	L.F.	0.77	0.80
55080	8 CONDUCTOR CABLE	9500	L.F.	0.65	0.70
55100	10 CONDUCTOR CABLE	8150	L.F.	0.30	0.30
55140	CONCRETE FOUNDATION LF-1 TY. A	26	EA.	379.04	370.00
55160	LIGHTING POLE LP-2	48	EA.	700.88	670.00
55348	ELECT. SERVICE SE-9 TY-B	1	EA.	2340.00	2300.00
55512	LUMINAIRE 250 WATT H.P.S. OFFSET	18	EA.	541.78	520.00
55514	LUMINAIRE 400 WATT H.P.S. OFFSET	40	EA.	551.25	525.00
56006	JUNCTION BOX JB-3A, 3B OR 3C	21	EA.	389.57	380.00
56010	JUNCTION BOX JB-5A	1	EA.	560.00	540.00



67301	TOLL PLAZA AND ADMINISTRATION BUILD.	1	L.S.	2000000.00	2500000.00
67400	DECK DRAINAGE SYSTEM	1	L.S.	196800.00	120000.00
67450	NAVIGATION LIGHTS	1	L.S.	31410.00	30000.00
67453	MARINE TRANSPORTATION	33	MO.	2494.91	6500.00
67455	ELECTRICAL WORK	1	L.S.	3150000.00	3000000.00
67456	EMERGENCY DIESEL GENERATOR	1	L.S.	99750.00	100000.00
67457	MACHINERY AND CASTINGS	1	L.S.	4358000.00	500000.00
67458	RESISTANCE GATES	1	L.S.	199700.00	182000.00
67459	WARNING GATES	1	L.S.	43950.00	40000.00
67460	FENDER SYSTEM	1	L.S.	488300.00	900000.00
67461	COMMUNICATION EQUIPMENT	1	L.S.	16500.00	25000.00
67462	DEWATERING	1	L.S.	213800.00	90000.00
67463	CONTROL HOUSE	1	L.S.	142700.00	100000.00
67464	NORTH MACHINERY HOUSE	1	L.S.	13910.00	1400000.00
67465	TEMPORARY BOAT RAMP	1	L.S.	165500.00	500000.00
67466	INSTRUMENTATION	1	L.S.	39880.00	200000.00
67467	SIGN BRIDGES	1	L.S.	118100.00	110000.00
67468	VARIABLE MESSAGE SIGNS BRIDGE	1	L.S.	272600.00	330000.00
67469	SOUTH MACHINERY HOUSE BRIDGE	1	L.S.	13910.00	1400000.00
STR. WID. OR REPAIR - SUPERSTRUCTURE					
68763	TRAF. BARRIER SERVICE	7976	L.F.	33.79	15.00
CONC.DBL.FACE PAR. MOD					
68901	REMOVE PORTION OF EXIST. STR. NO. 1946	1	L.S.	2546000.00	300000.00
STR. WID. OR REPAIR - SUBSTRUCTURE					
69009	@ POROUS BACKFILL	132	C.Y.	25.82	35.00
69010	@ PIPE UNDERDRAIN 6"	255	L.F.	2.45	10.00
69011	@ STRUCTURE EXCAVATION	10068	C.Y.	42.21	100.00
69030	CONCRETE CLASS A3	455	C.Y.	232.82	200.00
69036	CONCRETE CLASS T3	632	C.Y.	393.47	500.00
69040	** CONCRETE CLASS A4	9065	C.Y.	145.22	350.00
69060	SHEET PILES, STEEL	13063	S.F.	16.73	10.00
69100	REINF. STEEL	1299494	LB.	0.39	0.35
69105	EPOXY COATED REINF. STEEL	270981	LB.	0.52	0.45
69116	PILE- STEEL PIPE 18" DIA.	42571	L.F.	31.04	50.00
69117	DRIVING TEST FOR 18" STEEL PIPE PILES	2138	L.F.	31.99	75.00
69118	AUGERING INSIDE 18" STEEL PIPE PILES	16250	L.F.	7.60	1.00

(CONTINUED)

E03-1961-02

10-06-93

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF TRANSPORTATION  
RICHMOND, VIRGINIA

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PROJ.: 6017-099-F14,C502,  
6017-036-F15,C503,C504,B604,  
(0178-93A2)

ITEM CODE	ITEM	QUANTITY	UNIT	SEPTEMBER 29, 1993	
69119	LOADING TEST PILE FOR 18" STEEL PIPE PILES	7	EA.	6507.29	20000.00
69120	DYNAMIC PILE TEST	25	EA.	1845.32	300.00
69121	PILE- STEEL PIPE 14" DIA.	3312	L.F.	23.99	50.00
69123	DRIVING TEST FOR 14" STEEL PIPE PILES	287	L.F.	28.10	75.00

69125	AUGERING INSIDE 14" STEEL PIPE PILES	1600	L.F.	5.20	1.00
69510	CRACK REPAIR	163	L.F.	46.36	20.00
69620	COFFER DAM	2	EA.	16300.00	1000.00
69751	EPOXY COATING	9530	S.F.	5.09	5.00
69811	WATER LEVEL INDICATOR	2	EA.	330.00	1000.00
69812	OBSERVATION WELLS	1400	L.F.	10.50	50.00
70001	* DEMO. OF BLDG. PAR. 011 D-6	1	L.S.	5460.00	20000.00
70002	* DEMO. OF BLDG. PAR. 011 D-2	1	L.S.	525.00	5000.00
70003	* DEMO. OF BLDG. PAR. 003 D-1	1	L.S.	21000.00	30000.00
70201	* CLEARING OF PARCEL NO. 020	1	L.S.	525.00	3000.00
70202	* CLEARING OF PARCEL NO. 010	1	L.S.	525.00	3000.00
70203	* CLEARING OF PARCEL NO. 011	1	L.S.	1575.00	2000.00
70204	* CLEARING OF PARCEL NO. 003	1	L.S.	4200.00	6000.00

DATE OF COMPLETION AUGUST 1, 1996

CONTRACTOR	NET
1. TIDEWATER CONSTRUCTION CORP. NORFOLK, VA	\$ 72695000.23
2. PERINI CORPORATION FRAMINGHAM, MA	\$ 77513254.75
3. FISCHBACH & MOORE, INC. & SUBS. DALLAS, TX	\$ 78907847.20
4. BALFOUR BEATTY CONSTR., INC. WILMINGTON, DE,	\$ 81333506.55
5. DICK ENTERPRISES, INC. PITTSBURGH, PA	\$ 81477170.24
6. THE HARDAWAY CO. COLUMBUS, GA	\$ 81671532.15
7. MISENER MARINE CONSTRUCTION, INC. TAMPA, FL	\$ 86240090.10