

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0001000000-E	200	CLEARING & GRUBBING .. ACRE(S)	Lump Sum	L.S.	
0004	0008000000-E	200	SUPPLEMENTARY CLEARING & GRUB- BING	2 ACR		
0005	0022000000-E	225	UNCLASSIFIED EXCAVATION	347,300 CY		
0006	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+25.25 -Y17-)	Lump Sum	L.S.	
0009	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+28.96 -Y21-)	Lump Sum	L.S.	
0010	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (24+49.6 -Y10-)	Lump Sum	L.S.	
0011	0036000000-E	225	UNDERCUT EXCAVATION	5,905 CY		
0012	0038000000-E	SP	SHALLOW UNDERCUT	1,970 CY		
0013	0080000000-E	SP	CLASS IV SUBGRADE STABILIZA- TION	3,750 TON		
0014	0106000000-E	230	BORROW EXCAVATION	287,000 CY		
0015	0134000000-E	240	DRAINAGE DITCH EXCAVATION	3,124 CY		
0016	0141000000-E	240	BERM DITCH CONSTRUCTION	1,145 LF		
0017	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	98,900 SY		
0018	0177000000-E	250	BREAKING OF EXISTING ASPHALT PAVEMENT	6,200 SY		
0019	0195000000-E	SP	SELECT GRANULAR MATERIAL	5,000 CY		
0020	0196000000-E	270	FABRIC FOR SOIL STABILIZATION	10,000 SY		

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0021	0199000000-E	SP	TEMPORARY SHORING	13,165 SF		
0022	0262000000-N	SP	GENERIC GRADING ITEM HAZARDOUS SPILL BASIN	1 EA		
0023	0318000000-E	SP	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	7,390 TON		
0024	0320000000-E	SP	FOUNDATION CONDITIONING FABRIC	18,460 SY		
0025	0342000000-E	SP	*** SIDE DRAIN PIPE (12")	12 LF		
0026	0342000000-E	SP	*** SIDE DRAIN PIPE (30")	936 LF		
0027	0342000000-E	SP	*** SIDE DRAIN PIPE (36")	628 LF		
0028	0342000000-E	SP	*** SIDE DRAIN PIPE (42")	120 LF		
0029	0342000000-E	SP	*** SIDE DRAIN PIPE (48")	28 LF		
0030	0343000000-E	SP	15" SIDE DRAIN PIPE	5,036 LF		
0031	0344000000-E	SP	18" SIDE DRAIN PIPE	2,404 LF		
0032	0345000000-E	SP	24" SIDE DRAIN PIPE	1,616 LF		
0033	0366000000-E	SP	15" RC PIPE CULVERTS, CLASS III	2,668 LF		
0034	0372000000-E	SP	18" RC PIPE CULVERTS, CLASS III	4,084 LF		
0035	0378000000-E	SP	24" RC PIPE CULVERTS, CLASS III	2,292 LF		
0036	0384000000-E	SP	30" RC PIPE CULVERTS, CLASS III	1,524 LF		
0037	0390000000-E	SP	36" RC PIPE CULVERTS, CLASS III	92 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0038	0396000000-E	SP	42" RC PIPE CULVERTS, CLASS III	80 LF		
0039	0408000000-E	SP	54" RC PIPE CULVERTS, CLASS III	144 LF		
0040	0420000000-E	SP	66" RC PIPE CULVERTS, CLASS III	164 LF		
0041	0448200000-E	SP	15" RC PIPE CULVERTS, CLASS IV	26,172 LF		
0042	0448300000-E	SP	18" RC PIPE CULVERTS, CLASS IV	1,632 LF		
0043	0448400000-E	SP	24" RC PIPE CULVERTS, CLASS IV	2,616 LF		
0044	0448500000-E	SP	30" RC PIPE CULVERTS, CLASS IV	1,104 LF		
0045	0582000000-E	SP	15" CS PIPE CULVERTS, 0.064" THICK	912 LF		
0046	0594000000-E	SP	24" CS PIPE CULVERTS, 0.064" THICK	100 LF		
0047	0636000000-E	SP	*** CS PIPE ELBOWS, ***** THICK (15")	29 EA		
0048	0636000000-E	SP	*** CS PIPE ELBOWS, ***** THICK (18")	15 EA		
0049	0636000000-E	SP	*** CS PIPE ELBOWS, ***** THICK (24")	6 EA		
0050	0973100000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL 36" WSP, 0.5" THICK, GRADE B	138 LF		
0051	0973100000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL 42" WSP, 0.625" THICK, GRADE B	88 LF		
0052	0973100000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL 48" WSP, 0.625" THICK, GRADE B	82 LF		
0053	0973300000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL 36" WSP, 0.5" THICK, GRADE B	30 LF		

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0054	0973300000-E	SP	*** WELDED STEEL PIPE, **** THICK, GRADE ** NOT IN SOIL 42" WSP, 0.625" THICK, GRADE B	20 LF		
0055	0973300000-E	SP	*** WELDED STEEL PIPE, **** THICK, GRADE ** NOT IN SOIL 48" WSP, 0.625" THICK, GRADE B	18 LF		
0056	0986000000-E	SP	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS V	116 LF		
0057	0986000000-E	SP	GENERIC PIPE ITEM 54" WELDED STEEL PIPE LINER	408 LF		
0058	0986000000-E	SP	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS V	372 LF		
0059	0986000000-E	SP	GENERIC PIPE ITEM 60" WELDED STEEL PIPE LINER	168 LF		
0060	0986000000-E	SP	GENERIC PIPE ITEM 66" RC PIPE CULVERTS, CLASS V	128 LF		
0061	0995000000-E	340	PIPE REMOVAL	8,376 LF		
0062	1011000000-N	500	FINE GRADING	Lump Sum	L.S.	
0063	1110000000-E	510	STABILIZER AGGREGATE	1,000 TON		
0064	1121000000-E	520	AGGREGATE BASE COURSE	15,900 TON		
0065	1220000000-E	545	INCIDENTAL STONE BASE	5,000 TON		
0066	1275000000-E	600	PRIME COAT	5,750 GAL		
0067	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")	2,000 SY		
0068	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")	7,700 SY		
0069	1330000000-E	607	INCIDENTAL MILLING	700 SY		
0070	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	20,200 TON		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0071	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	80,750 TON		
0072	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	10,650 TON		
0073	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	52,700 TON		
0074	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	14,600 TON		
0075	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	47,100 TON		
0076	1525000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	4,200 TON		
0077	1575000000-E	SP	ASPHALT BINDER FOR PLANT MIX	11,420 TON		
0078	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,775 TON		
0079	2000000000-N	806	RIGHT OF WAY MARKERS	330 EA		
0080	2022000000-E	SP	SUBDRAIN EXCAVATION	896 CY		
0081	2033000000-E	SP	SUBDRAIN FINE AGGREGATE	672 CY		
0082	2044000000-E	SP	6" PERFORATED SUBDRAIN PIPE	4,000 LF		
0083	2070000000-N	SP	SUBDRAIN PIPE OUTLETS	8 EA		
0084	2077000000-E	SP	6" OUTLET PIPE (SUBDRAINS)	48 LF		
0085	2190000000-N	828	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	75 EA		
0086	2209000000-E	838	ENDWALLS	16 CY		
0087	2220000000-E	838	REINFORCED ENDWALLS	42 CY		
0088	2253000000-E	840	PIPE COLLARS	30 CY		
0089	2264000000-E	840	PIPE PLUGS	1 CY		

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0090	2275000000-E	SP	FLOWABLE FILL	40 CY		
0091	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	586 EA		
0092	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	46 CY		
0093	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	213 LF		
0094	2354200000-N	840	FRAME WITH GRATE, STD 840.24	2 EA		
0095	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	71 EA		
0096	2365000000-N	840	FRAME WITH TWO GRATES, STD 840.22	10 EA		
0097	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	83 EA		
0098	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	40 EA		
0099	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	31 EA		
0100	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	149 EA		
0101	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	146 EA		
0102	2396000000-N	840	FRAME WITH COVER, STD 840.54	30 EA		
0103	2407000000-N	840	STEEL FRAME WITH TWO GRATES, STD 840.37	9 EA		
0104	2440000000-N	852	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	56 EA		
0105	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS	35 EA		
0106	2462000000-E	SP	*** SLUICE GATE (24")	1 EA		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0107	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	32,100 LF		
0108	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	51,300 LF		
0109	2556000000-E	846	SHOULDER BERM GUTTER	1,300 LF		
0110	2577000000-E	846	CONCRETE EXPRESSWAY GUTTER	3,160 LF		
0111	2591000000-E	848	4" CONCRETE SIDEWALK	5,400 SY		
0112	2612000000-E	848	6" CONCRETE DRIVEWAY	1,800 SY		
0113	2619000000-E	850	4" CONCRETE PAVED DITCH	240 SY		
0114	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	8,800 SY		
0115	2724000000-E	857	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	700 LF		
0116	2759000000-N	SP	GENERIC PAVING ITEM CONCRETE CURB RAMP	24 EA		
0117	2830000000-N	858	ADJUSTMENT OF MANHOLES	27 EA		
0118	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	21 EA		
0119	2860000000-N	859	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	1 EA		
0120	2905000000-N	859	CONVERT EXISTING DROP INLET TO JUNCTION BOX	1 EA		
0121	2920000000-N	SP	CONVERT EXISTING DROP INLET TO CATCH BASIN	2 EA		
0122	3000000000-N	SP	IMPACT ATTENUATOR UNIT, TYPE 350	2 EA		
0123	3030000000-E	862	STEEL BM GUARDRAIL	13,875 LF		
0124	3045000000-E	862	STEEL BM GUARDRAIL, SHOP CURVED	225 LF		

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0125	3105000000-N	862	STEEL BM GUARDRAIL TERMINAL SECTIONS	2 EA		
0126	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	40 EA		
0127	3210000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	30 EA		
0128	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	4 EA		
0129	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	42 EA		
0130	3285000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE M-350	8 EA		
0131	3317000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE B-77	12 EA		
0132	3360000000-E	863	REMOVE EXISTING GUARDRAIL	4,900 LF		
0133	3380000000-E	862	TEMPORARY STEEL BM GUARDRAIL	750 LF		
0134	3387000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (CAT-1)	1 EA		
0135	3389100000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	3 EA		
0136	3389600000-N	865	CABLE GUIDERAIL ANCHOR UNITS	4 EA		
0137	3420000000-E	SP	GENERIC GUARDRAIL ITEM REMOVE CABLE GUIDERAIL	975 LF		
0138	3503000000-E	866	WOVEN WIRE FENCE, 47" FABRIC	21,140 LF		
0139	3509000000-E	866	4" TIMBER FENCE POSTS, 7'-6" LONG	1,270 EA		
0140	3515000000-E	866	5" TIMBER FENCE POSTS, 8'-0" LONG	470 EA		
0141	3628000000-E	876	RIP RAP, CLASS I	919 TON		
0142	3635000000-E	876	RIP RAP, CLASS II	231 TON		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0143	3649000000-E	876	RIP RAP, CLASS B	1,501 TON		
0144	3656000000-E	876	FILTER FABRIC FOR DRAINAGE	19,192 SY		
0145	3659000000-N	SP	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	9 EA		
0146	3677000000-E	SP	GENERIC EROSION CONTROL ITEM REINFORCED SOIL SLOPES	1,900 SY		
0147	4048000000-E	902	REINFORCED CONCRETE SIGN FOUN- DATIONS	12 CY		
0148	4054000000-E	902	PLAIN CONCRETE SIGN FOUNDA- TIONS	3 CY		
0149	4057000000-E	SP	OVERHEAD FOOTING	48 CY		
0150	4060000000-E	903	SUPPORTS, BREAKAWAY STEEL BEAM	2,874 LB		
0151	4066000000-E	903	SUPPORTS, SIMPLE STEEL BEAM	7,577 LB		
0152	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	7,875 LF		
0153	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (A ON US-29 NBL)	Lump Sum	L.S.	
0154	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (B ON US-29 SBL)	Lump Sum	L.S.	
0155	4096000000-N	904	SIGN ERECTION, TYPE D	33 EA		
0156	4102000000-N	904	SIGN ERECTION, TYPE E	143 EA		
0157	4108000000-N	904	SIGN ERECTION, TYPE F	89 EA		
0158	4110000000-N	904	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	21 EA		
0159	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	2 EA		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0160	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	3 EA		
0161	4152000000-N	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1 EA		
0162	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	287 EA		
0163	4158000000-N	907	DISPOSAL OF SIGN SYSTEM, WOOD	5 EA		
0164	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	12 EA		
0165	4236000000-N	907	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)	7 EA		
0166	4238000000-N	907	DISPOSAL OF SIGN, D, E OR F	10 EA		
0167	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	2,982 SF		
0168	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	1,895 SF		
0169	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	811 SF		
0170	4415000000-N	1115	FLASHING ARROW PANELS, TYPE C	4 EA		
0171	4420000000-N	1120	CHANGEABLE MESSAGE SIGN	4 EA		
0172	4430000000-N	1130	DRUMS	1,644 EA		
0173	4435000000-N	1135	CONES	200 EA		
0174	4445000000-E	1145	BARRICADES (TYPE III)	568 LF		
0175	4450000000-N	1150	FLAGGER	16,000 HR		
0176	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	10 EA		
0177	4470000000-N	1160	RESET TEMPORARY CRASH CUSHIONS	6 EA		
0178	4480000000-N	1165	TMIA	4 EA		

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0179	4485000000-E	1170	PORTABLE CONCRETE BARRIER	2,060 LF		
0180	4500000000-E	1170	RESET PORTABLE CONCRETE BARRIER	810 LF		
0181	4507000000-E	SP	WATER FILLED BARRIER	10,000 LF		
0182	4508000000-E	SP	RESET WATER FILLED BARRIER	9,925 LF		
0183	4516000000-N	1180	SKINNY DRUM	340 EA		
0184	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	3,400 EA		
0185	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	108,440 LF		
0186	4686000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	58,209 LF		
0187	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1,300 LF		
0188	4697000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	254 LF		
0189	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	5,400 LF		
0190	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	500 LF		
0191	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	5 EA		
0192	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	437 EA		
0193	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	1,185 LF		
0194	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	2,217 LF		
0195	4780000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)	200 LF		

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0196	4780000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)	200 LF		
0197	4805000000-N	1205	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)	4 EA		
0198	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	760,532 LF		
0199	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	17,658 LF		
0200	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	5,864 LF		
0201	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	72 EA		
0202	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	1,352 EA		
0203	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	63,510 LF		
0204	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	1,464 LF		
0205	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	1,343 LF		
0206	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	36 EA		
0207	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	9 EA		
0208	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	977 EA		
0209	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0210	5325000000-E	1510	*** WATER LINE (1")	225 LF		
0211	5325600000-E	1510	6" WATER LINE	1,745 LF		
0212	5325800000-E	1510	8" WATER LINE	2,113 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0213	5326200000-E	1510	12" WATER LINE	9,466 LF		
0214	5326600000-E	1510	16" WATER LINE	632 LF		
0215	5540000000-E	1515	6" VALVE	3 EA		
0216	5546000000-E	1515	8" VALVE	9 EA		
0217	5558000000-E	1515	12" VALVE	10 EA		
0218	5558600000-E	1515	16" VALVE	1 EA		
0219	5572200000-E	1515	12" TAPPING VALVE	1 EA		
0220	5589200000-E	1515	2" AIR RELEASE VALVE	2 EA		
0221	5589400000-E	1515	4" AIR RELEASE VALVE	4 EA		
0222	5648000000-N	1515	RELOCATE WATER METER	50 EA		
0223	5649000000-N	1515	RECONNECT WATER METER	16 EA		
0224	5672000000-N	1515	RELOCATE FIRE HYDRANT	26 EA		
0225	5691100000-E	1520	4" SANITARY GRAVITY SEWER	97 LF		
0226	5691200000-E	1520	6" SANITARY GRAVITY SEWER	40 LF		
0227	5691300000-E	1520	8" SANITARY GRAVITY SEWER	2,405 LF		
0228	5691600000-E	1520	16" SANITARY GRAVITY SEWER	288 LF		
0229	5691900000-E	1520	24" SANITARY GRAVITY SEWER	2,224 LF		
0230	5709000000-E	1520	*** FORCE MAIN SEWER (18")	6,455 LF		
0231	5709000000-E	1520	*** FORCE MAIN SEWER (2-1/2")	1,055 LF		
0232	5709100000-E	1520	2" FORCE MAIN SEWER	20 LF		

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0233	5709200000-E	1520	4" FORCE MAIN SEWER	70 LF		
0234	5709400000-E	1520	8" FORCE MAIN SEWER	2,074 LF		
0235	5768000000-N	1520	SANITARY SEWER CLEAN-OUT	3 EA		
0236	5775000000-E	1525	4' DIA UTILITY MANHOLE	18 EA		
0237	5776000000-E	1525	5' DIA UTILITY MANHOLE	10 EA		
0238	5777000000-E	1525	6' DIA UTILITY MANHOLE	2 EA		
0239	5781000000-E	1525	UTILITY MANHOLE WALL, 4' DIA	80 LF		
0240	5782000000-E	1525	UTILITY MANHOLE WALL, 5' DIA	56 LF		
0241	5783000000-E	1525	UTILITY MANHOLE WALL, 6' DIA	17 LF		
0242	5801000000-E	1530	ABANDON 8" UTILITY PIPE	362 LF		
0243	5810000000-E	1530	ABANDON 16" UTILITY PIPE	283 LF		
0244	5811000000-E	1530	ABANDON 18" UTILITY PIPE	8,473 LF		
0245	5815000000-N	1530	REMOVE WATER METER	5 EA		
0246	5816000000-N	1530	ABANDON UTILITY MANHOLE	26 EA		
0247	5828000000-N	1530	REMOVE UTILITY MANHOLE	4 EA		
0248	5835000000-E	1540	*** ENCASEMENT PIPE (42")	60 LF		
0249	5836200000-E	1540	30" ENCASEMENT PIPE	180 LF		
0250	5871000000-E	1550	TRENCHLESS INSTALLATION OF *** IN SOIL (42")	30 LF		
0251	5871010000-E	1550	TRENCHLESS INSTALLATION OF *** NOT IN SOIL (42")	30 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0252	5872300000-E	1550	TRENCHLESS INSTALLATION OF 30" IN SOIL	90 LF		
0253	5872310000-E	1550	TRENCHLESS INSTALLATION OF 30" NOT IN SOIL	90 LF		
0254	5877000000-N	SP	SANITARY SEWER PUMP STATION	Lump Sum	L.S.	
0255	5882000000-N	SP	GENERIC UTILITY ITEM ABANDON EXISTING SANITARY SEW- ER PUMP STATION	1 EA		
0256	6000000000-E	1605	TEMPORARY SILT FENCE	20,000 LF		
0257	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	14,800 TON		
0258	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	12,700 TON		
0259	6012000000-E	1610	SEDIMENT CONTROL STONE	12,000 TON		
0260	6015000000-E	1615	TEMPORARY MULCHING	150 ACR		
0261	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	4,850 LB		
0262	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	21 TON		
0263	6024000000-E	1622	TEMPORARY SLOPE DRAINS	10,000 LF		
0264	6027000000-N	1622	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	150 EA		
0265	6029000000-E	SP	SAFETY FENCE	100 LF		
0266	6030000000-E	1630	SILT EXCAVATION	30,600 CY		
0267	6036000000-E	1631	MATTING FOR EROSION CONTROL	130,000 SY		
0268	6037000000-E	SP	COIR FIBER MAT	380 SY		
0269	6038000000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	19,251 SY		
0270	6042000000-E	1632	1/4" HARDWARE CLOTH	20,000 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0271	6045000000-E	SP	*** TEMPORARY PIPE (15")	450 LF		
0272	6069000000-E	1638	STILLING BASINS	185 CY		
0273	6071012000-E	SP	COIR FIBER WATTLE	6,000 LF		
0274	6071020000-E	SP	POLYACRYLAMIDE (PAM)	6,800 LB		
0275	6071030000-E	SP	COIR FIBER BAFFLE	7,000 LF		
0276	6071050000-E	SP	*** SKIMMER (1-1/2")	27 EA		
0277	6071050000-E	SP	*** SKIMMER (2")	1 EA		
0278	6084000000-E	1660	SEEDING & MULCHING	150 ACR		
0279	6087000000-E	1660	MOWING	150 ACR		
0280	6090000000-E	1661	SEED FOR REPAIR SEEDING	2,200 LB		
0281	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	6.25 TON		
0282	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	3,450 LB		
0283	6108000000-E	1665	FERTILIZER TOPDRESSING	103.5 TON		
0284	6111000000-E	SP	IMPERVIOUS DIKE	500 LF		
0285	6114500000-N	SP	SPECIALIZED HAND MOWING	100 MHR		
0286	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	125 EA		
0287	6123000000-E	1670	REFORESTATION	10 ACR		
0288	7000000000-E	1705	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/ COUNTDOWN)	2 EA		
0289	7060000000-E	1705	SIGNAL CABLE	18,270 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0290	7108000000-E	1705	VEHICLE SIGNAL HEAD (12", 1 SECTION)	4 EA		
0291	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	132 EA		
0292	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	32 EA		
0293	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	23 EA		
0294	7228000000-N	SP	RELOCATE EXISTING VEHICLE SIGNAL HEAD	4 EA		
0295	7252000000-E	1710	MESSENGER CABLE (1/4")	600 LF		
0296	7264000000-E	1710	MESSENGER CABLE (3/8")	9,800 LF		
0297	7288000000-E	1715	PAVED TRENCHING (***** (1, 2")	500 LF		
0298	7300000000-E	1715	UNPAVED TRENCHING (***** (1, 2")	7,400 LF		
0299	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	131 EA		
0300	7360000000-N	1720	WOOD POLE	25 EA		
0301	7372000000-N	1721	GUY ASSEMBLY	54 EA		
0302	7408000000-E	1722	1" RISER WITH WEATHERHEAD	6 EA		
0303	7420000000-E	1722	2" RISER WITH WEATHERHEAD	31 EA		
0304	7430000000-N	1722	HEAT SHRINK TUBING RETROFIT KIT	1 EA		
0305	7432000000-E	1722	2" RISER WITH HEAT SHRINK TUBING	6 EA		
0306	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	16,090 LF		
0307	7456000000-E	1726	LEAD-IN CABLE (***** (14-2)	38,370 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0308	7481000000-N	SP	SITE SURVEY	15 EA		
0309	7481200000-N	SP	LUMINAIRE ARM FOR VIDEO SYSTEM	12 EA		
0310	7481240000-N	SP	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	36 EA		
0311	7481260000-N	SP	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT	6 EA		
0312	7481280000-N	SP	RELOCATE CAMERA SENSOR UNIT	34 EA		
0313	7575142000-N	SP	900MHZ WIRELESS RADIO SYSTEM	6 EA		
0314	7576000000-N	SP	METAL STRAIN SIGNAL POLE	52 EA		
0315	7613000000-N	SP	SOIL TEST	52 EA		
0316	7614100000-E	SP	DRILLED PIER FOUNDATION	364 CY		
0317	7624000000-N	1743	SIGNAL PEDESTAL WITH FOUNDA- TION	1 EA		
0318	7636000000-N	1745	SIGN FOR SIGNALS	20 EA		
0319	7648000000-N	SP	RELOCATE EXISTING SIGN	3 EA		
0320	7684000000-N	1750	SIGNAL CABINET FOUNDATION	12 EA		
0321	7756000000-N	1751	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	12 EA		
0322	7768000000-N	1751	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)	2 EA		
0323	7780000000-N	1751	DETECTOR CARD (TYPE 2070L)	85 EA		
0324	7901000000-N	1753	CABINET BASE EXTENDER	12 EA		
0325	7912000000-N	1755	BEACON CONTROLLER ASSEMBLY & CABINET (***** (F1)	1 EA		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0326	7980000000-N	SP	GENERIC SIGNAL ITEM FURNISH WIRELESS LIGHTNING AR- RESTORS	2 EA		
0327	7980000000-N	SP	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEMS	2 EA		

CULVERT ITEMS

0328	8126000000-N	414	CULVERT EXCAVATION, STA ***** (225+82.25-L-)	Lump Sum	L.S.	
0329	8126000000-N	414	CULVERT EXCAVATION, STA ***** (250+30.41-L-)	Lump Sum	L.S.	
0330	8126000000-N	414	CULVERT EXCAVATION, STA ***** (311+30.62-L-)	Lump Sum	L.S.	
0331	8126000000-N	414	CULVERT EXCAVATION, STA ***** (324+72.83-L-)	Lump Sum	L.S.	
0332	8133000000-E	414	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT	279 TON		
0333	8196000000-E	420	CLASS A CONCRETE (CULVERT)	575.1 CY		
0334	8245000000-E	425	REINFORCING STEEL (CULVERT)	79,200 LB		

WALL ITEMS

0335	8801000000-E	SP	MSE RETAINING WALLS	5,050 SF		
0336	8802010000-E	SP	SOIL NAIL RETAINING WALLS	5,465 SF		
0337	8802014000-E	SP	SOLDIER PILE RETAINING WALLS	1,410 SF		
0338	8802015100-N	SP	SOIL NAIL VERIFICATION TESTS	4 EA		
0339	8802015110-N	SP	SOIL NAIL PROOF TESTS	12 EA		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
STRUCTURE ITEMS						
0340	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (113+47.50-L-)	Lump Sum	L.S.	
0341	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (203+04.30-L-RT)	Lump Sum	L.S.	
0342	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (262+51.60-L-)	Lump Sum	L.S.	
0343	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (303+93.67-L-)	Lump Sum	L.S.	
0344	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,113+47.50-L-)	Lump Sum	L.S.	
0345	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,262+51.60-L-)	Lump Sum	L.S.	
0346	8096000000-E	SP	PILE EXCAVATION IN SOIL	110 LF		
0347	8097000000-E	SP	PILE EXCAVATION NOT IN SOIL	205 LF		
0348	8105540000-E	SP	3'-6" DIA DRILLED PIERS IN SOIL	52.25 LF		
0349	8105640000-E	SP	3'-6" DIA DRILLED PIERS NOT IN SOIL	28 LF		
0350	8113000000-N	SP	SID INSPECTION	1 EA		
0351	8147000000-E	420	REINFORCED CONCRETE DECK SLAB	42,112 SF		
0352	8161000000-E	420	GROOVING BRIDGE FLOORS	42,377 SF		
0353	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	688 CY		
0354	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (113+47.50-L-)	Lump Sum	L.S.	
0355	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (203+04.30-L-LT)	Lump Sum	L.S.	

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0356	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (203+04.30-L-RT)	Lump Sum	L.S.	
0357	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (262+51.60-L-)	Lump Sum	L.S.	
0358	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (303+93.67-L-)	Lump Sum	L.S.	
0359	8217000000-E	425	REINFORCING STEEL (BRIDGE)	106,831 LB		
0360	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	5,362 LB		
0361	8274000000-E	430	MODIFIED 63" PRESTRESSED CONC GIRDERS	4,448.62 LF		
0362	8364000000-E	SP	HP12X53 STEEL PILES	5,800 LF		
0363	8384000000-E	SP	HP14X73 STEEL PILES	845 LF		
0364	8475000000-E	460	TWO BAR METAL RAIL	342.46 LF		
0365	8482000000-E	460	THREE BAR METAL RAIL	533.37 LF		
0366	8503000000-E	460	CONCRETE BARRIER RAIL	662.59 LF		
0367	8517000000-E	460	1'-**X ***** CONCRETE PARA- PET (1'-2" X 2'-6")	188.33 LF		
0368	8517000000-E	460	1'-**X ***** CONCRETE PARA- PET (1'-2" X 2'-8")	169.31 LF		
0369	8531000000-E	462	4" SLOPE PROTECTION	1,819 SY		
0370	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	
0371	8692000000-N	SP	EVAZOTE JOINT SEALS	Lump Sum	L.S.	
0372	8706000000-N	SP	EXPANSION JOINT SEALS	Lump Sum	L.S.	

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0373	8897000000-N	SP	GENERIC STRUCTURE ITEM CSL TESTING	1		EA
0374	8391000000-N	SP	STEEL PILE POINTS	14		EA
0931/Jan06/Q3173953.78/D1665860738210/E372			Total Amount Of Bid For Entire Project :			

Contract No **C202652**

County (ies): **Rockingham**

ACCEPTED BY THE
DEPARTMENT OF TRANSPORTATION

Contract Officer

Date

Execution of Contract and Bonds
Approved as to Form:

Attorney General