

OPINION OF PROBABLE COST



Prepared by Marlin Engineering Inc
Project Name: Atlantic Shores Blvd Reconstruction and Beautification Project
Date: 3/13/2022



PROJECT GRAND TOTAL SUMMARY.:

SUMMARY OF ROADWAY					\$9,622,745.12
SUMMARY OF SIGNING & PAVEMENT MARKINGS					\$356,969.97
SUMMARY OF SIGNALIZATION					\$623,897.95
SUMMARY OF LIGHTING					\$1,531,120.61
SUMMARY OF LANDSCAPE					\$1,579,398.48
INITIAL CONTINGENCY AMOUNT	LS	6%	\$822,848.00		\$822,848.00
PROJECT GRAND TOTAL					\$14,536,980.13

SUMMARY OF ROADWAY

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	ITEM COST
0101- 1-	MOBILIZATION (8%)	LS	1	\$929,771.67	\$929,771.67
0102- 1A	MAINTENANCE OF TRAFFIC (10%)	LS/DA	1	\$1,162,214.59	\$1,162,214.59
0104- 10- 3	SEDIMENT BARRIER	LF	8630	\$2.20	\$18,986.00
0104- 11-	FLOATING TURBIDITY BARRIER	LF	50	\$14.09	\$704.50
0104- 18-	INLET PROTECTION SYSTEM	EA	62	\$138.13	\$8,564.06
*0107- 1-	LITTER REMOVAL	AC	5.43	\$31.60	\$171.63
*0107- 2-	MOWING	AC	1.51	\$61.41	\$92.43
0110- 1- 1B	CLEARING & GRUBBING	LS/AC	2.19	\$96,331.79	\$211,186.88
0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	6071	\$25.55	\$155,114.05
0120- 1-	REGULAR EXCAVATION	CY	19530	\$11.49	\$224,399.70
0120- 6-	EMBANKMENT	CY	1595	\$31.79	\$50,705.05
0145- 71-	REINFORCEMENT GRID FOR SOIL STABILIZATION (GEOSYNTHETIC)	SY	43536	\$20.76	\$903,807.36
0160- 4-	TYPE B STABILIZATION	SY	37725	\$4.35	\$164,103.75
0285-7- 04	OPTIONAL BASE, BASE GROUP 04 (¾" CLEAN COMPACTED PERMEABLE AGGREGATE ASTM)	SY	6362	\$21.96	\$139,709.52
0285-7- 09	OPTIONAL BASE, BASE GROUP 09	SY	13643	\$25.14	\$342,985.02
0285-7- 11	OPTIONAL BASE, BASE GROUP 11 (BASE COURSE PERMEABLE AGGREGATE 12")	SY	10701	\$27.47	\$293,956.47
0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	3170	\$37.59	\$119,160.30
0327- 70- 12	MILLING EXISTING ASPHALT PAVEMENT, 1 1/4" AVG DEPTH	SY	5733	\$1.77	\$10,147.41
0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	1860	\$155.42	\$289,081.20
0334- 1- 13A	SUPERPAVE ASPHALTIC CONC, TRAFFIC C (FLEXIBLE POROUS PAVEMENT 1.5" SHARED USE PATH)	TN	496	\$155.42	\$77,088.32
0334- 1- 13B	SUPERPAVE ASPHALTIC CONC, TRAFFIC C (POROUS ASPHALT 2" PARKING)	TN	11733	\$155.42	\$1,823,542.86
0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	1326	\$140.31	\$186,051.06
0350- 30- 13	CONCRETE PAVEMENT FOR ROUNDABOUT APRON, 12" DEPTH	SY	135	\$88.00	\$11,880.00
0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALLS	CY	6	\$822.94	\$4,937.64
425-1-201	INLETS, CURB, TYPE 9, <10'	EA	7	\$6,401.82	\$44,812.74
425-1-202	INLETS, CURB, TYPE 9, >10'	EA	7	\$18,341.45	\$128,390.15
425-1-203	INLETS, CURB, TYPE 9, J BOT, <10'	EA	1	\$8,372.50	\$8,372.50
425-1-204	INLETS, CURB, TYPE 9, J BOT, >10'	EA	5	\$12,400.00	\$62,000.00
425-1-205	INLETS, CURB, TYPE 9, PARTIAL	EA	3	\$9,655.33	\$28,965.99
425-1-351	INLETS, CURB, TYPE P-5, <10'	EA	2	\$6,448.10	\$12,896.20
425-1-361	INLETS, CURB, TYPE P-6, <10'	EA	3	\$6,337.55	\$19,012.65
425-1-362	INLETS, CURB, TYPE P-6, >10'	EA	7	\$9,737.90	\$68,165.30
425-1-442	INLETS, CURB, TYPE J-4, >10'	EA	2	\$11,500.00	\$23,000.00
425-1-461	INLETS, CURB, TYPE J-6, <10'	EA	3	\$12,404.06	\$37,212.18
425-1-462	INLETS, CURB, TYPE J-6, >10'	EA	3	\$15,900.00	\$47,700.00
425-1-521	INLETS, DT BOT, TYPE C, <10'	EA	1	\$5,660.97	\$5,660.97
425-1-524	INLETS, DT BOT, TYPE C, J-BOT, >10'	EA	2	\$10,387.00	\$20,774.00
425-1-A*	INLETS, GUTTER, USF FRAME & 6148 GRATE, <10'	EA	1	\$6,957.14	\$6,957.14
425-1-B*	INLETS, GUTTER, USF FRAME & 6148 GRATE, >10'	EA	1	\$4,600.00	\$4,600.00
425-1-C*	INLETS, GUTTER, USF FRAME & 6148 GRATE, J-BOT, <10'	EA	1	\$5,100.00	\$5,100.00
425-1-D*	INLETS, GUTTER, SPECIAL DRAINAGE STRUCTURE	EA	1	\$8,000.00	\$8,000.00
425-2-41	MANHOLES, P-7, <10'	EA	6	\$8,985.34	\$53,912.04
425-2-42	MANHOLES, P-7, >10'	EA	7	\$10,500.00	\$73,500.00
425-2-43	MANHOLES, P-7, PARTIAL	EA	11	\$4,235.28	\$46,588.08
425-2-71	MANHOLES, J-7, <10	EA	3	\$8,614.80	\$25,844.40
425-2-72	MANHOLES, J-7, >10	EA	4	\$17,018.16	\$68,072.64
425-2-75	MANHOLES, J-7, >10, CONTROL STRUCTURES	EA	2	\$12,000.00	\$24,000.00
425-4	INLETS, ADJUST	EA	7	\$902.62	\$6,318.34
425-5	MANHOLE, ADJUST	EA	8	\$972.39	\$7,779.12
430-175--115	PIPE CULVERT, OPT MATERIAL, ROUND, 15"S/CD	LF	8	\$176.00	\$1,408.00
430-175--118	PIPE CULVERT, OPT MATERIAL, ROUND, 18"S/CD	LF	1116	\$118.36	\$132,089.76
430-175-124	PIPE CULVERT, OPT MATERIAL, ROUND, 24"S/CD	LF	58	\$116.69	\$6,768.02
430-175-154	PIPE CULVERT, OPT MATERIAL, ROUND, 54"S/CD	LF	62	\$562.76	\$34,891.12

SUMMARY OF ROADWAY					
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	ITEM COST
430-830	PIPE FILLING AND PLUGGING - PLACE OUT OF SERVICE	CY	25	\$266.14	\$6,653.50
430-880-04	FLAP GATE RETROFIT,	EA	2	\$100,000.00	\$200,000.00
443-70-4	FRENCH DRAIN, 24"	LF	2938	\$211.65	\$621,827.70
0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	9811	\$26.80	\$262,934.80
0520- 2- 4A	CONCRETE CURB, TYPE D	LF	2751	\$26.34	\$72,461.34
0520- 2- 8	CONCRETE CURB, TYPE RA	LF	148	\$33.80	\$5,002.40
0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	1035	\$46.04	\$47,651.40
0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	2585	\$53.97	\$139,512.45
0522- 4E	BUS SHELTER PAD- CONCRETE, 8" THICK	SY	169	\$245.00	\$41,405.00
0527- 2-	DETECTABLE WARNINGS	SF	1452	\$36.64	\$53,201.28
0570- 1- 2	PERFORMANCE TURF, SOD	SY	7315	\$4.23	\$30,942.45
			ROADWAY TOTAL =		\$9,622,745.12

SUMMARY OF SIGNING & PAVEMENT MARKINGS						
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY TOTAL	UNIT COST	ITEM COST	
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	104	\$438.31	\$45,584.24	
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	17	\$1,294.84	\$22,012.28	
0700 1 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2	\$1,628.00	\$3,256.00	
0700 1 60	SINGLE POST SIGN, REMOVE	AS	37	\$44.46	\$1,645.02	
0705 10 1	OBJECT MARKER, TYPE 1	EA	4	\$223.50	\$894.00	
0706 1 3	RAISED PAVEMENT MARKER, TYPE B	EA	448	\$3.79	\$1,697.92	
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1	\$107,559.60	\$107,559.60	
	TTCP TEMPORARY PAVEMENT MARKINGS	LS	1	\$53,598.70	\$53,598.70	
0711 11102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.057	\$6,354.47	\$362.20	
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1667	\$1.94	\$3,233.98	
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	369	\$3.35	\$1,236.15	
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	499	\$4.46	\$2,225.54	
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.16	\$1,560.82	\$249.73	
0711 11144	THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE, 12" FOR ROUNDABOUT	GM	0.021	\$6,449.89	\$135.45	
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	12	\$149.37	\$1,792.44	
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	42	\$80.41	\$3,377.22	
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	989	\$3.65	\$3,609.85	
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.034	\$2,185.42	\$74.30	
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1285	\$18.72	\$24,055.20	
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	96	\$282.56	\$27,125.76	
0711 14170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	50	\$215.67	\$10,783.50	
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	3.78	\$4,909.81	\$18,559.08	
0711 16131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	0.073	\$1,368.29	\$99.89	
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.66	\$4,987.79	\$8,279.73	
0711 16231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	1.37	\$1,722.32	\$2,359.58	
0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	415	\$3.28	\$1,361.20	
920 714 100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF	1157	\$10.20	\$11,801.40	
				SIGNING & PAVEMENT MARKINGS TOTAL =		\$356,969.97

SUMMARY OF SIGNALIZATION					
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY TOTAL	UNIT COST	ITEM COST
0519 78	BOLLARDS	EA	2	\$1,321.69	\$2,643.38
0630 -2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	212	\$14.04	\$2,976.48
0630 -2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1552	\$28.33	\$43,968.16
0632-7-1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	2	\$844.97	\$1,689.94
0632-7-6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	2	\$1,327.28	\$2,654.56
0635 -2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	63	\$1,169.48	\$73,677.24
0639 -1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2	\$4,035.65	\$8,071.30
0639 -1-610	ELECTRICAL POWER SERVICE, REMOVE OVERHEAD	AS	2	\$723.94	\$1,447.88
0639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	314	\$12.43	\$3,903.02
0639-2-6	ELECTRICAL SERVICE WIRE, REMOVE	LF	272	\$0.68	\$184.96
0639-3-60	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN	EA	2	\$501.07	\$1,002.14
0641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2	\$2,114.18	\$4,228.36
0641-2-80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA	4	\$3,353.63	\$13,414.52
0646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	16	\$1,797.26	\$28,756.16
0649-21-3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	EA	1	\$54,290.00	\$54,290.00
0649-21-10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	1	\$70,118.83	\$70,118.83
0649-21-15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	1	\$77,319.10	\$77,319.10
0649-21-21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1	\$82,955.70	\$82,955.70
0650 -1-14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	8	\$1,249.62	\$9,996.96
0650 -1-34	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 3 SECTION, 1 WAY	AS	8	\$1,323.64	\$10,589.12
0653 -1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	16	\$985.20	\$15,763.20
0653 -1-60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	8	\$252.51	\$2,020.08
0660 -4-11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	4	\$5,452.64	\$21,810.56
0660 -4-12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	4	\$5,463.03	\$21,852.12
0665 -1-11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	16	\$349.61	\$5,593.76
0665 -1-60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	8	\$97.56	\$780.48
0670 -5-140	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL MODEL 2070	AS	1	\$40,119.96	\$40,119.96
0671 -5-500	TRAFFIC CONTROLLER ASSEMBLY, RELOCATE CONTROLLER WITH CABINET	AS	1	\$6,643.00	\$6,643.00
0672 -5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1	\$991.46	\$991.46
0700 -5-21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	4	\$3,608.88	\$14,435.52
				SIGNALIZATION TOTAL =	\$623,897.95

SUMMARY OF LIGHTING					
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY TOTAL	UNIT COST	ITEM COST
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	LF	7647	\$28.33	\$216,639.51
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24"	EA	76	\$1,169.48	\$88,880.48
0639 1122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2	\$3,959.46	\$7,918.92
0641 2 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2	\$2,114.18	\$4,228.36
0715 1 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	26208	\$2.77	\$72,596.16
0715 1 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	1461	\$4.25	\$6,209.25
0715 7 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	2	\$19,797.37	\$39,594.74
0715500 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	59	\$784.11	\$46,262.49
715511130	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 30'	EA	4	\$14,771.70	\$59,086.80
715511135	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 35'	EA	55	\$14,771.70	\$812,443.50
7155111DD	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT (20% SURPLUS)	EA	12	\$14,771.70	\$177,260.40
				LIGHTING TOTAL =	\$1,531,120.61

SUMMARY OF LANDSCAPE						
PAY ITEM NO.	DESCRIPTION		UNIT	QUANTITY TOTAL	UNIT COST	ITEM COST
0580-1-1	SHRUBS & GROUNCOVERS (LANDSCAPE COMPLETE- SMALL PLANTS)		LS	1	\$619,579.80	\$619,579.80
0580-1-2	TREES & PALMS (LANDSCAPE COMPLETE- LARGE PLANTS)		LS	1	\$536,382.00	\$536,382.00
0590-70	IRRIGATION SYSTEM		LS	1	\$423,436.68	\$423,436.68
				LANDSCAPE TOTAL =		\$1,579,398.48
0580-1-1	SHRUBS & GROUNCOVERS (LANDSCAPE COMPLETE- SMALL PLANTS)					
	Chrysobalanus icaco "horizontalis" / Cocoplum Horizontal	3GAL, 10" HT	EA	5379	\$35.00	\$188,265.00
	Dianella tasmanica / Flax Lily	1GAL, natural	EA	13643	\$8.00	\$109,144.00
	Ficus microcarpa / Green Island Ficus	1GAL, 8"HT, min 3 stems per pot	EA	7871	\$15.00	\$118,065.00
	Ilex vomitoria / Yaupon Holly	1GAL, 10"HT	EA	3237	\$15.00	\$48,555.00
	Trachelospermum asiaticum "minima" / Minima Asiatic Jasmine	1GAL, 6"HT	EA	488	\$8.00	\$3,904.00
	Arachis glabrata / Perennial Peanut with filter fabric	1GAL, 6"HT	EA	8219	\$8.00	\$65,752.00
	Maintenance (Mowing, weed, trim, mulching two cycles)	1 Year Maintenance & Establishment	LS	1	\$40,000.00	\$40,000.00
						\$573,685.00
					Contingency (8%)	\$45,894.80
						\$619,579.80
0580-1-2	TREES & PALMS (LANDSCAPE COMPLETE- LARGE PLANTS)					
	Bismarckia nobilis / Bismarck Palm	8' CT	EA	33	\$2,500.00	\$82,500.00
	Bursera simaruba / Gumbo Limbo	18' OAH, 6" CAL	EA	11	\$1,750.00	\$19,250.00
	Cassia fistula / Golden Shower Tree	12' OAH, 5" CAL	EA	23	\$1,500.00	\$34,500.00
	Conocarpus erectus "sericeus" / Silver Buttonwood	12' OAH, 5" CAL	EA	16	\$1,000.00	\$16,000.00
	Fillicium decipiens / Japanese Fern Tree	12' OAH, 5" CAL	EA	31	\$1,000.00	\$31,000.00
	Lagerstroemia indica / Crape Myrtle	12' OAH, 5" CAL	EA	54	\$750.00	\$40,500.00
	Phoenix dactylifera "Medjool" / Medjool Date Palm	20-24' CT	EA	11	\$6,500.00	\$71,500.00
	Ptychosperma elegans / Alexander Palm	18' OAH	EA	38	\$700.00	\$26,600.00
	Quercus virginiana / Live Oak	20' OAH, 9" CAL	EA	2	\$2,500.00	\$5,000.00
	Roystonea regia / Royal Palm	20' GW	EA	3	\$3,200.00	\$9,600.00
	Sabal palmetto / Cabbage Palm	18' OAH, 3/4 Slicked Trunk	EA	70	\$450.00	\$31,500.00
	Thrinax radiata / Florida Thatch Palm	8-10' OAH	EA	67	\$850.00	\$56,950.00
	Veitchia montgomeryana / Montgomery Palm	18' OAH	EA	55	\$850.00	\$46,750.00
	Maintenance (Prune, mulching two cycles, fertilize min. two cycles, pest control)	1 Year Maintenance & Establishment	LS	1	\$25,000.00	\$25,000.00
						\$496,650.00
					Contingency (8%)	\$39,732.00
						\$536,382.00
0590-70	IRRIGATION SYSTEM					
	Valves	Per the Plans	EA	25	\$1,500.00	\$37,500.00
	Shutoff Valve	Per the Plans	EA	1	\$750.00	\$750.00
	Spray Heads	Per the Plans	EA	1095	\$75.00	\$82,125.00
	Strip Series Heads	Per the Plans	EA	66	\$75.00	\$4,950.00
	Controller	Raindbird ESPLXME2 (24 Station)	EA	1	\$2,500.00	\$2,500.00
	Rain Sensor	Rainbird "Raingauge"	EA	1	\$400.00	\$400.00
	Mainline	PVC Class 200 SDR 21	LF	4385	\$12.00	\$52,620.00
	Laterals	PVC SCH 40	LF	12137	\$10.00	\$121,370.00
	Sleeves	PVC SCH 40	LF	6238	\$12.00	\$74,856.00
	Maintenance (Monthly wet check, on-call head repairs)	1 Year Maintenance	LS	1	\$15,000.00	\$15,000.00
						\$392,071.00
					Contingency (8%)	\$31,365.68
						\$423,436.68