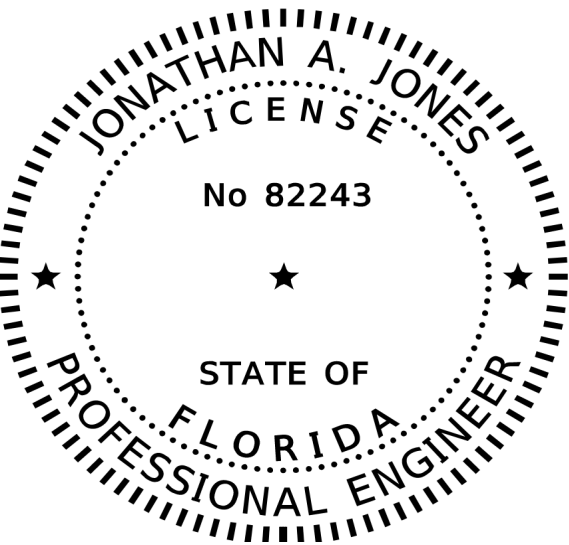


ESTIMATED QUANTITIES REPORT

County Project No.: 210248
Contract Number: TBD
Project Description: Richmond Avenue Pedestrian Bridge Replacement



This item has been digitally signed and sealed by:

on the date adjacent to the seal.

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Patel, Greene & Associates, LLC
215 East Main Street
Bartow, FL 33830
Jonathan A. Jones, P.E. No. 82243

The estimated quantities contained in this document:

1. Contain no known errors or omissions.
2. Match the pay item numbers and quantities in Designer Interface for AASHTOWare Project Preconstruction™.

Summary of Lump Sum Items								
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0101 1	Mobilization	LS	1		1			
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Summary of Temporary Traffic Control Plan Items														
Pay Item Number	Pay Item Description	Units of Measure	Number Required	Duration (Days)	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
					P	F	P	F	Units	P	F	Const. Phase		
0102 1	Maintenance of Traffic	LS	1		1		1		DA	90		ALL	90 Total Construction Days	
0102 60	Work Zone Sign	ED	26	15	390		3315					Phase I		
			31	75	2325							Phase II		
			300	2	600							Phase II	Active Detour	
0102 74 1	Channelizing Device- Type I, II, DI, VP, Drum, or LCD	ED	8	14	112		2877					Phase I	14 Days in Advance	
			8	15	120							Phase I		
			31	75	2325							Phase II		
			20	16	320							Phase II	Active Detour	
0102 99	Portable Changeable Message Sign, Temporary	ED	2	14	28		288					Phase I	14 Days in Advance	
			2	15	30							Phase I		
			2	75	150							Phase II		
			5	16	80							Phase II	Active Detour	
0102 115	Type III Barricades	ED	12	2	24		24					Phase II	Active Detour	
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Summary of Pedestrian Longitudinal Channelizing Devices																
Pay Item Number	Pay Item Description	Units of Measure	Duration (Days)	Length (FT)	Quantity		Total Quantity		Location						Design Notes	Construction Remarks
					P	F	P	F	Const. Phase	Alignment	Begin Station	End Station	Side	Element ID		
0102 74 8	Channelizing Device - Pedestrian LCD (Longitudinal Channelizing Device)	FD	90	6	540		1128		ALL	BL_RichmondAve	101+47.00	101+47.00	RT			
			90	6	540				ALL	BL_RichmondAve	103+32.00	103+32.00	RT			
			2	12	24				Phase II	BL_RichmondAve	103+31.00	103+43.00	LT		Active Detour	
			2	12	24				Phase II	BL_RichmondAve	103+31.00	103+43.00	RT		Active Detour	
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Summary of Erosion Control and Sediment Control Devices													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0104 10 3	Sediment Barrier	LF	219.5		492		BL_RichmondAve	101+46.37	101+99.73	RT			
			272.2				BL_RichmondAve	102+84.35	103+21.70	RT			
0104 11	Floating Turbidity Barrier	LF	67.8		153		BL_RichmondAve	102+08.01	102+14.13	RT			
			85.0				BL_RichmondAve	102+73.12	102+83.46	RT			
0104 15	Soil Tracking Protection Device	EA	2		2		BL_RichmondAve	101+47.50	103+31.30	RT			
0104 18	Inlet Protection System	EA	1		1		BL_RichmondAve	101+56.00	101+56.00	RT			
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Summary of Litter Removal and Mowing																				
Pay Item Number	Pay Item Description	Units of Measure	Duration (Days)	Frequency (Days)	Length (FT)	Width (FT)	Cycles	Quantity			Total Quantity		Location						Design Notes	Construction Remarks
								AC / Cycle	P	F	P	F	Const. Phase	Alignment	Begin Station	End Station	Side	Element ID		
0107 1	Litter Removal	AC	90	30	58.5	60	3	0.08	0.240		0.57		ALL	BL_RichmondAve	101+47.50	102+06.00	RT			
			90	30	47.3	100	3	0.11	0.330				ALL	BL_RichmondAve	102+84.00	103+31.30	RT			
0107 2	Mowing	AC	90	30	58.5	60	3	0.08	0.240		0.57		ALL	BL_RichmondAve	101+47.50	101+81.00	RT			
			90	30	47.3	100	3	0.11	0.330				ALL	BL_RichmondAve	102+84.00	103+31.30	RT			
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Summary of Clearing Grubbing and Removal Items																		
Pay Item Number	Pay Item Description	Units of Measure	Length (FT)	Width (FT)	Quantity		Total Quantity		Secondary Quantity			Location					Design Notes	Construction Remarks
					P	F	P	F	Units	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0110 1 1	Clearing & Grubbing	LS			1		1		AC	0.017		BL_RichmondAve	101+46.41	101+90.99	RT	6921	0.040 Total AC	
										0.023		BL_RichmondAve	103+00.32	103+31.27	RT	6922		
0110 4 10	Removal Of Existing Concrete	SY			29.4		71					BL_RichmondAve	101+50.88	102+05.16	RT	3967	Sidewalk	
					41.6							BL_RichmondAve	102+85.76	103+31.16	RT	3968	Sidewalk	
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Summary of Earthwork													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0120 1	Regular Excavation	CY	0.60		0.6		BL_RichmondAve	101+47.50	103+31.30	RT	3061		
0120 6	Embankment	CY	82.90		82.9		BL_RichmondAve	101+47.50	103+31.30	RT	3067		
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Summary of Drainage														
Pay Item Number	Label	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
				P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0425 14 1		Grate for Existing Drainage Structure, Furnish and Install	SF	15.0		15		BL_RichmondAve	101+53.00	101+56.00	RT			
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Summary of Railing													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0515 2211	Pedestrian/Bicycle Railing, Steel, 42 Type 1 Picket Infill	LF	14.6		141		BL_RichmondAve	101+58.64	101+80.50	RT	3057		
			25.3				BL_RichmondAve	101+66.00	101+80.50	RT	3056		
			51.3				BL_RichmondAve	103+01.00	103+12.38	RT	3058		
			50.1				BL_RichmondAve	103+11.88	103+11.88	RT	3059		
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Summary of Sidewalk and Detectable Warnings													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0522 1	Sidewalk Concrete And Driveways, 4" Thick	SY	35.5		79		BL_RichmondAve	101+47.56	101+80.45	RT	3697		
			43.6				BL_RichmondAve	103+05.90	103+31.29	RT	3698		
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Summary of Walls													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Wall No.	Alignment	Begin Station	End Station	Side		
0400 0 11	Concrete Class NS, Gravity Wall Index 400-011	CY	8.40		8.4		1	BL_RichmondAve	103+05.84	103+11.54	RT		
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Summary of Performance Turf															
Pay Item Number	Pay Item Description	Units of Measure	Length (FT)	Width (FT)	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
					P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0570 1 2	Performance Turf, Sod	SY			11.4		181		BL_RichmondAve	101+46.43	101+80.94	RT	8441	1:2 SLOPE	
					3.3				BL_RichmondAve	101+46.61	101+58.98	RT	8445	FLAT	
					3.9				BL_RichmondAve	101+50.80	101+65.22	RT	8444	FLAT	
					11.0				BL_RichmondAve	101+51.74	101+80.99	RT	8442	1:2 SLOPE	
					27.8				BL_RichmondAve	101+53.96	102+05.16	RT	6202	FLAT	
					8.3				BL_RichmondAve	101+81.04	101+90.96	RT	8357	1:2 SLOPE	
					9.0				BL_RichmondAve	101+81.06	101+90.96	RT	8356	1:2 SLOPE	
					38.8				BL_RichmondAve	102+85.76	103+31.16	RT	6203	FLAT	
					25.3				BL_RichmondAve	102+99.33	103+12.36	RT	8415	1:2 SLOPE	
					8.3				BL_RichmondAve	103+03.22	103+14.87	RT	6359	1:2 SLOPE	
					26.3				BL_RichmondAve	103+12.43	103+31.24	RT	6330	1:2 SLOPE	
					3.2				BL_RichmondAve	103+12.45	103+31.24	RT	6328	1:2 SLOPE	
					2.1				BL_RichmondAve	103+12.45	103+31.24	RT	6291	FLAT	
					2.1				BL_RichmondAve	103+12.65	103+31.21	RT	6294	FLAT	
...															
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Summary of Structure Quantities													
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description		
FOUNDATION	0455 34 3	Prestressed Concrete Piling, 18" SQ	LF	108.0		226					END BENT 1		
				118.0							END BENT 2		
	0455 115	Pile Redrive	EA	2		4					END BENT 1		
				2							END BENT 2		
	455137	Load Test (Dynamic), Data Collection and Analysis	EA	2		4					END BENT 1		
				2							END BENT 2		
	0455137 2	Load Test (Dynamic), Verification Test	EA	1		1					END BENT 2		
SUBSTRUCTURE	0400 4 5	Concrete Class IV, Bridge Substructure	CY	6.71		13.4					END BENT 1		
				6.71							END BENT 2		
	0415 1 5	Reinforcing Steel - Bridge Substructure	LB	849.0		1698					END BENT 1		
				849.0							END BENT 2		
APPROACH SLABS	0400 2 10	Concrete Class II, Approach Slabs	CY	4.74		9.5					APPROACH SLAB 1		
				4.74							APPROACH SLAB 2		
	0415 1 9	Reinforcing Steel - Approach Slabs	LB	886.5		1773					APPROACH SLAB 1		
				886.5							APPROACH SLAB 2		
SUPERSTRUCTURE	0460 7	Prefabricated Steel Pedestrian Bridge	SF	880.0		880					BRIDGE		
RAILING/ BARRIERS	0515 2211	Pedestrian / Bicycle Railing, Steel, 42" Type 1	LF	21.0		39					APPROACH SLAB 1		
				17.7							APPROACH SLAB 2		

Summary of Structure Quantities													
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description		
	...												
	...												
	...												