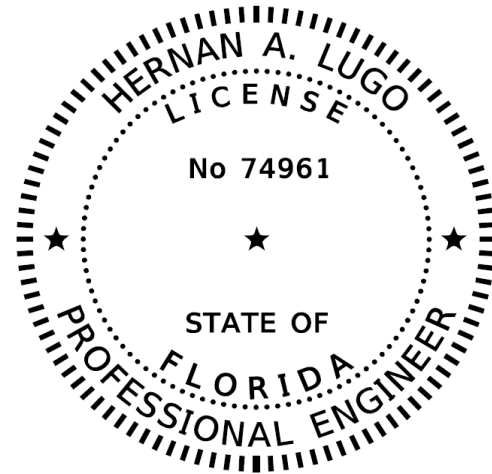


ESTIMATED QUANTITIES REPORT

Financial Project ID: 448929-1-52-01

Contract Number: CAN28

Project Description: SR 29 FROM N OF WAGON WHEEL RD TO S OF I-75



This document has been digitally signed and sealed by:

on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

HBC ENGINEERING COMPANY
5200 NW 33 AVE, SUITE 211
FT. LAUDERDALE, FL 33309
HERNAN A. LUGO. P.E. No.: 74961

The estimated quantities contained in this document:

1. Were developed in compliance with Florida Department of Transportation procedures, processes, and requirements.
2. Contain no known errors or omissions.
3. 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 44892915201	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				DA	175			175 Total Days	
0102 14	Traffic Control Officer	HR	4	175	700								Lane Closures	
0102 60	Work Zone Sign	ED	17	84	1428		2975						Phase IA	
			17	84	1428								Phase IB	
			17	7	119								Phase II	
0102 74 1	Channelizing Device-Types I, II, DI, VP, DRUM, Or LCD	ED	38	84	3192		6650						Phase IA	
			38	84	3192								Phase IB	
			38	7	266								Phase II	
0102 99	Portable Changeable Message Sign, Temporary	ED	2	98	196		378						Phase IA Includes 14 days prior construction	
			2	84	168								Phase IB	
			2	7	14								Phase II	
0102 909	Temporary Raised Rumble Strips	DA	2	84	168		350						Phase IA	
			2	84	168								Phase IB	
			2	7	14								Phase II	
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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	2167.9		44135		CL	476+24.92	498+06.49	LT	11364		
			2195.0				CL	476+24.92	498+07.23	RT	11365		
			19921.5				CL	499+64.86	697+97.10	LT	12789		
			19850.5				CL	499+67.82	697+96.95	RT	11372		
0104 11	Floating Turbidity Barrier	LF	150.0		300		CL	485+12.90	486+59.81	RT	12363		
			150.0				CL	486+89.32	488+36.23	RT	12365		
0104 18	Inlet Protection System	EA	1		24		CL	476+96.87	476+96.87	RT	15943		
			1				CL	491+59.71	491+62.76	LT	16028		
			1				CL	493+15.61	493+19.78	RT	16029		
			1				CL	493+15.65	493+19.83	LT	16030		
			1				CL	495+15.32	495+19.52	RT	16016		
			1				CL	495+15.48	495+19.65	LT	16017		
			1				CL	497+34.49	497+38.67	LT	16019		
			1				CL	497+34.51	497+38.69	RT	16018		
			1				CL	500+35.60	500+39.76	LT	16022		
			1				CL	500+35.61	500+39.75	RT	16020		
			1				CL	501+85.39	501+89.61	RT	16021		
			1				CL	501+85.57	501+89.75	LT	16023		
			1				CL	503+86.55	503+90.82	RT	16025		
			1				CL	504+87.73	504+90.77	RT	16024		
			1				CL	516+00.31	516+03.45	RT	16026		
			1				CL	535+92.33	535+92.33	RT	15955		
			1				CL	550+93.53	550+93.53	RT	15967		
			1				CL	567+66.18	567+66.18	RT	15979		
			1				CL	587+96.06	587+99.00	RT	16031		
			1				CL	607+95.52	607+98.42	RT	16032		
			1				CL	627+94.59	627+97.57	RT	16033		
			1				CL	647+96.36	647+96.36	RT	15991		
			1				CL	667+96.44	667+96.44	RT	16003		
			1				CL	687+94.49	687+97.52	RT	16027		
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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	
								ACI Cycle	P	F	P	F	Const. Phase	Alignment	Begin Station	End Station	Side			Element ID
0107 1	Litter Removal And Disposal	AC	175	30			6	2.436	14.617		503.86			CL	476+24.92	498+07.32	LT	9468		
			175	30			6	1.861	11.166					CL	476+24.92	498+07.37	RT	9481		
			175	30			6	52.425	314.553					CL	499+64.87	697+97.64	LT	9454		
			175	30			6	27.254	163.521					CL	499+67.67	697+96.94	RT	9431		
0107 2	Mowing	AC	175	30			6	1.551	9.307		238.13			CL	476+24.92	498+07.30	RT	10090		
			175	30			6	2.111	12.663					CL	476+25.09	498+07.24	LT	10156		
			175	30			6	11.092	66.550					CL	499+64.81	697+97.10	LT	10235		
			175	30			6	24.935	149.610					CL	499+67.67	697+96.93	RT	10139		
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Summary of Pavement

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	Location Description	Side			Element ID
0327 70 6	Milling Exist Asph Pavt, 1 1/2 Avg Depth	SY	5819.9		84149		CL	476+24.92	498+07.33		LT/RT	3114		
			937.2				CL	476+24.92	493+15.41		LT	3131		
			1391.4				CL	476+24.92	498+07.40		RT	3166		
			201.5				CL	486+35.74	487+22.15		LT	8759		
			108.6				CL	486+37.65	487+11.80		RT	8800		
			437.2				CL	493+15.51	498+07.34		LT	3161		
			11153.3				CL	499+67.39	697+96.89		LT	5969		
			52878.6				CL	499+67.41	697+96.93		LT	3092		
			11221.6				CL	499+67.61	697+96.89		RT	5992		
0337 7 83	Asphalt Concrete Friction Course, Traffic C, FC-12.5, PG 76-22	TN	480.14		6942.3		CL	476+24.92	498+07.33		LT/RT	4167		
			77.31				CL	476+24.92	493+15.34		LT	4184		
			114.79				CL	476+24.92	498+07.40		RT	4219		
			16.62				CL	486+35.74	487+22.15		LT	17873		
			8.96				CL	486+37.65	487+11.80		RT	17865		
			36.07				CL	493+15.51	498+07.34		LT	4214		
			920.15				CL	499+67.39	697+96.89		LT	6443		
			4362.48				CL	499+67.41	697+96.93		LT	4145		
			925.78				CL	499+67.61	697+96.89		RT	6464		
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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 3	Performance Turf, Sod And Soil - Shoulder Treatment Index 570-010	SY			316.4		12258		CL	476+24.92	486+43.49	LT	3247		
					286.0				CL	476+24.92	486+47.30	RT	3254		
					170.6				CL	487+05.59	493+15.38	RT	3240		
					91.7				CL	487+17.72	490+07.58	LT	3560		
					5240.8				CL	502+58.02	679+42.89	LT	5618		
					5614.2				CL	507+13.54	697+96.88	RT	5636		
					538.7				CL	679+77.27	697+96.88	LT	5617		
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Summary of Signing and Pavement Marking

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		
0546 72 3	Ground-In Rumble Strips, 8" Sinusoidal	GM	0.1912		12.681		CL	476+24.92	486+36.20	LT	90098		
			0.0786				CL	476+24.92	480+40.02	LT	90143		
			0.1912				CL	476+24.92	486+32.78	RT	90101		
			0.3386				CL	480+40.10	498+27.61	LT	90153		
			0.2059				CL	487+21.55	498+07.40	RT	90107		
			0.2054				CL	487+21.56	498+07.37	LT	90104		
			0.4797				CL	499+47.60	524+80.01	LT	90130		
			3.7560				CL	499+67.54	697+96.88	LT	90110		
			3.7545				CL	499+71.29	697+96.88	RT	90120		
			3.2797				CL	524+80.09	697+96.88	LT	90135		
			0.2000				CL1	465+68.69	476+24.92	LT/RT	90142		
0700 1 111	Single Post Sign, F&I Ground Mount, Up To 12 SF	AS	1		26		CL	474+60.89	474+60.89	RT	70023		
			1				CL	480+39.92	480+39.92	RT	63286		
			1				CL	496+36.98	496+36.98	LT	64110		
			1				CL	496+37.31	496+37.31	RT	63938		
			1				CL	503+90.14	503+90.14	LT	66324		
			1				CL	505+90.16	505+90.16	LT	58690		
			1				CL	507+90.44	507+90.44	LT	58694		
			1				CL	509+90.86	509+90.86	LT	58671		
			1				CL	511+90.33	511+90.33	LT	66341		
			1				CL	513+90.96	513+90.96	LT	66352		
			1				CL	515+90.07	515+90.07	LT	66367		
			1				CL	517+90.04	517+90.04	LT	66371		
			1				CL	518+38.18	518+38.18	RT	66230		
			1				CL	519+07.58	519+07.58	LT	65743		
			1				CL	519+07.87	519+07.87	RT	65746		
			1				CL	519+62.44	519+62.44	LT	65712		
			1				CL	519+90.16	519+90.16	LT	66293		
			1				CL	521+90.08	521+90.08	LT	57342		
			1				CL	531+94.42	531+94.42	LT	64402		
			1				CL	532+49.26	532+49.26	LT	64371		

Summary of Signing and Pavement Marking

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		
			1				CL	540+60.07	540+60.07	LT	65130		
			1				CL	540+60.37	540+60.37	RT	70112		
			1				CL1	465+68.56	465+68.56	RT	68238		
			1				CL1	465+91.12	465+91.12	LT	69407		
			1				CL1	465+91.12	465+91.12	RT	69663		
			1				CL1	474+85.86	474+85.86	RT	70054		
0700 1 112	Single Post Sign, F&I Ground Mount, 12-20 SF	AS	1		2		CL	532+98.69	532+98.69	RT	64955		
			1				CL	532+99.28	532+99.28	LT	64713		
0700 1 600	Single Post Sign, Remove	AS	1		14		CL	465+43.70	465+43.70	RT	68428		
			1				CL	496+36.98	496+36.98	LT	65144		
			1				CL	496+37.30	496+37.30	RT	65172		
			1				CL	519+07.57	519+07.57	LT	66284		
			1				CL	519+07.88	519+07.88	RT	66270		
			1				CL	531+94.44	531+94.44	LT	65175		
			1				CL	532+98.70	532+98.70	RT	65181		
			1				CL	532+99.30	532+99.30	LT	65178		
			1				CL	538+75.54	538+75.54	RT	70146		
			1				CL	538+75.85	538+75.85	LT	66413		
			1				CL1	465+68.54	465+68.54	RT	67797		
			1				CL1	472+69.06	472+69.06	LT	69275		
			1				CL1	472+69.14	472+69.14	RT	69689		
			1				CL1	474+85.87	474+85.87	RT	70057		
0700 2 113	Multi- Post Sign, F&I Ground Mount, 21-30 SF	AS	1		2		CL	478+95.99	478+95.99	LT	88107		
			1				CL	531+27.03	531+27.03	RT	87659		
0700 2 600	Multi- Post Sign, Remove	AS	1		2		CL	478+95.99	478+95.99	LT	70156		
			1				CL	531+27.02	531+27.02	RT	77251		
0705 10 2	Object Marker, Type 2	EA	1		36		CL	479+50.38	479+50.38	LT	80459		
			1				CL	479+75.29	479+75.29	LT	77734		
			1				CL	482+45.61	482+45.61	LT	78297		
			1				CL	482+71.47	482+71.47	LT	78300		
			1				CL	502+94.41	502+94.41	LT	77728		

Summary of Signing and Pavement Marking

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		
			1				CL	503+91.52	503+91.52	RT	77725		
			1				CL	504+83.80	504+83.80	RT	77722		
			1				CL	519+30.10	519+30.10	RT	77719		
			1				CL	519+78.56	519+78.56	RT	77716		
			1				CL	521+81.76	521+81.76	RT	62046		
			1				CL	535+87.19	535+87.19	RT	77713		
			1				CL	540+96.78	540+96.78	RT	62020		
			1				CL	550+88.90	550+88.90	RT	77707		
			1				CL	560+51.45	560+51.45	RT	61994		
			1				CL	567+60.14	567+60.14	RT	77704		
			1				CL	579+68.38	579+68.38	RT	61968		
			1				CL	580+20.33	580+20.33	RT	77701		
			1				CL	587+91.92	587+91.92	RT	77692		
			1				CL	589+18.68	589+18.68	RT	61942		
			1				CL	589+75.23	589+75.23	RT	77689		
			1				CL	607+92.66	607+92.66	RT	61916		
			1				CL	608+98.31	608+98.31	RT	77683		
			1				CL	617+96.30	617+96.30	RT	61890		
			1				CL	622+69.75	622+69.75	RT	77680		
			1				CL	623+19.75	623+19.75	RT	77677		
			1				CL	627+91.32	627+91.32	RT	77674		
			1				CL	637+03.42	637+03.42	RT	61864		
			1				CL	638+18.86	638+18.86	RT	77671		
			1				CL	638+21.89	638+21.89	RT	77668		
			1				CL	638+70.81	638+70.81	RT	77665		
			1				CL	647+90.45	647+90.45	RT	77662		
			1				CL	656+11.18	656+11.18	RT	61838		
			1				CL	667+90.57	667+90.57	RT	77659		
			1				CL	675+13.43	675+13.43	RT	61808		
			1				CL	687+89.98	687+89.98	RT	77656		
			1				CL	691+99.31	691+99.31	RT	61772		

Summary of Signing and Pavement Marking

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		
0706 1 3	Raised Pavement Marker, Type B	EA	758		758		CL	465+91.10	697+95.37	LT	37499		
0710 90	Painted Pavement Marking, Final Surface	LS	1		1		CL	465+68.69	697+96.96	LT/RT	N/A		
0711 11125	Thermoplastic, Standard, White, Solid, 24 For Stop Line And Crosswalk	LF	19.5		35		CL	486+60.17	486+79.76	LT	58905		
			15.7				CL	486+73.94	486+89.53	RT	58913		
0711 16101	Thermoplastic, Standard, Other Surfaces, White, Solid, 6	GM	0.1906		8.348		CL	476+24.92	486+32.75	LT	81419		
			0.1913				CL	476+24.92	486+33.50	RT	81422		
			0.0076				CL	486+32.74	486+62.01	LT	48741		
			0.0083				CL	486+33.56	486+62.85	RT	48745		
			0.0048				CL	486+62.09	486+68.27	LT	48742		
			0.0012				CL	486+62.92	486+63.55	RT	48748		
			0.0017				CL	486+85.07	486+86.77	RT	48747		
			0.0078				CL	486+86.77	487+15.98	RT	48746		
			0.0046				CL	486+91.38	486+96.22	LT	48743		
			0.0078				CL	486+96.25	487+25.77	LT	48744		
			0.2069				CL	487+16.02	498+07.37	RT	1794		
			0.2046				CL	487+25.83	498+07.37	LT	1788		
			3.7560				CL	499+67.53	697+96.88	LT	1811		
			3.7552				CL	499+67.55	697+96.88	RT	1831		
0711 16201	Thermoplastic, Standard, Other Surfaces, Yellow, Solid, 6	GM	0.4134		2.217		CL	476+24.92	498+07.39	RT	2166		
			0.3347				CL	480+40.05	498+07.39	LT	2181		
			0.0033				CL	486+73.49	486+73.94	RT	58917		
			0.0033				CL	486+74.33	486+74.77	RT	58918		
			0.0057				CL	486+78.91	486+79.40	LT	58919		
			0.0057				CL	486+79.76	486+80.25	LT	58920		
			0.4759				CL	499+67.56	524+80.01	RT	2170		
			0.7752				CL	499+67.60	540+60.33	LT	2175		
			0.2000				CL1	465+68.69	476+24.92	RT	89437		
0711 16231	Thermoplastic, Other Surfaces, Yellow, Skip, 6	GM	0.0729		3.541		CL	476+24.92	480+10.02	LT	2191		
			0.2936				CL	525+10.01	540+60.31	RT	2208		
			2.9747				CL	540+90.37	697+96.88	LT	2220		
			0.2001				CL1	465+68.69	476+25.21	LT	91546		

Summary of Signing and Pavement Marking

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
0711 17 1	Thermoplastic, Remove Existing Thermoplastic Pavement Markings- Surface To Remain	SF	528.3		528		CL1	465+68.69	476+25.21	LT	91545		
0713 107	Preformed/Permanent Tape, Remove	SF	80.0		160		CL	498+07.37	499+67.51	LT	48402	White Tape	
			80.0				CL	498+07.40	499+67.54	RT	48403	White Tape	
0713 107	Preformed/Permanent Tape, Remove	SF	80.0		160		CL	498+07.39	499+67.53	LT	48399	Yellow Tape	
			80.0				CL	498+07.39	499+67.53	RT	48400	Yellow Tape	
0713103101	Permanent Tape, White, Solid, 6 For Concrete Bridges	GM	0.0303		0.061		CL	498+07.37	499+67.51	LT	48402		
			0.0303				CL	498+07.40	499+67.54	RT	48403		
0713103201	Permanent Tape, Yellow, Solid, 6 For Concrete Bridges	GM	0.0303		0.061		CL	498+07.39	499+67.53	LT	48399		
			0.0303				CL	498+07.39	499+67.53	RT	48400		
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