

Bucoda Main St. Reconstruction Project					JN 15116
30 Percent Version					
Demolition					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
1.01	Remove Buildings & Foundations	1	LS	120,000.00	\$120,000.00
1.02	Remove PVC Watermain	454	LF	15.00	\$6,810.00
1.03	Remove AC Watermain	580	LF	40.00	\$23,200.00
1.04	Remove Septic Tank incl. Pumpout	12	EA	1,500.00	\$18,000.00
1.05	Remove Sidewalk	2,000	SY	10.00	\$20,000.00
1.06	Remove Cement Concrete Roadway	2,385	SY	15.00	\$35,775.00
1.07	Remove Asphalt Concrete Roadway	2,790	SY	10.00	\$27,900.00
1.08	Remove Water Service	9	EA	250.00	\$2,250.00
1.09	Remove Catch Basin	4	EA	400.00	\$1,600.00
1.10	Remove Storm Pipe	50	LF	10.00	\$500.00
1.11	Remove Temporary Bypass Roads & Restore	1	LS	7,000.00	\$7,000.00
1.12	Remove Underground Communications	1	LS	2,000.00	\$2,000.00
1.13	Remove Bollard	6	EA	100.00	\$600.00
1.14	Remove Fence	1,500	LF	3.00	\$4,500.00
1.15	Remove Cement Concrete Driveway	270	SY	15.00	\$4,050.00
1.16	Remove Traffic Sign	6	EA	50.00	\$300.00
1.17	Remove Tree (Est.)	20	EA	500.00	\$10,000.00
1.18	Remove Fire Hydrant	4	EA	300.00	\$1,200.00
1.19	Abandon Watermain In-place	1	LS	2,500.00	\$2,500.00
				Subtotal	\$288,185.00
				Incl 7.9% WSST	\$310,951.62

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Traffic Control					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
2.01	Type A Traffic Control Signs	1	LS	3,000.00	\$3,000.00
2.02	Type B Traffic Control Signs	1	LS	6,000.00	\$6,000.00
2.03	Portable Changeable Message Sign (PCMS)	2,800	HR	5.00	\$14,000.00
2.04	Project Temporary Traffic Control	1	LS	15,000.00	\$15,000.00
2.05	Flaggers	2,000	HR	10.00	\$20,000.00
2.06	Temporary Precast Concrete Barriers	1	LS	50,000.00	\$50,000.00
2.07	Traffic Control Supervision	1	LS	5,000.00	\$5,000.00
2.08	Install & Maintain Temporary Bypass Roads	1	LS	18,000.00	\$18,000.00
				Subtotal	\$131,000.00
				Incl 7.9% WSST	\$141,349.00

Bucoda Main St. Reconstruction Project					JN 15116
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Bridge Culvert					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
3.01	Bridge/Culvert	1,376	LF	1,885.00	\$2,593,760.00
3.02	Plate Assembly (68 Bolts/LF @ \$3.00 / Bolt)	1,376	LF	204.00	\$280,704.00
3.03	Box Culvert Footings	1,400	CY	400.00	\$560,000.00
3.04	Controlled Density Fill	100	CY	125.00	\$12,500.00
3.05	Guard Rail System	520	LF	100.00	\$52,000.00
3.06	Cement Concrete Headwall	3,200	SF	45.00	\$144,000.00
3.07	Chain Link	670	LF	45.00	\$30,150.00
3.08	Structural Fill	11,491	Ton	25.00	\$287,275.00
				Subtotal	\$3,960,389.00
				Incl 7.9% WSST	\$4,273,259.73

Bucoda Main St. Reconstruction Project					JN 15116
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Construction Safety Systems					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
4.01	Trench Safety Systems	1	LS	50,000.00	\$50,000.00
4.02	Temporary Chain Link Fence	1,000	LF	5.00	\$5,000.00
4.03	High Visibilty Temporary Fence	1,500	LF	3.00	\$4,500.00
				Subtotal	\$59,500.00
				Incl 7.9% WSST	\$64,200.50

Bucoda Main St. Reconstruction Project					JN 15116
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Erosion Control					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
5.01	Filter Fabric Fence	400	LF	6.00	\$2,400.00
5.02	ESC Lead	1	LS	4,800.00	\$4,800.00
5.03	Inlet Protection	40	EA	125.00	\$5,000.00
5.04	Straw Wattles	1,500	LF	7.00	\$10,500.00
5.05	Temporary Stormwater Pump	1	LS	10.00	\$10.00
5.06	Temporary Stormwater Pumping Basin	1	LS	3,000.00	\$3,000.00
5.07	SPCC Plan	1	LS	2,500.00	\$2,500.00
5.08	Biodegradable Erosion Control Blanket	3,200	SY	6.00	\$19,200.00
				Subtotal	\$47,410.00
				Incl 7.9% WSST	\$51,155.39

Bucoda Main St. Reconstruction Project					JN 15116
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Stormwater Systems					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
6.01	Type 1L Catch Basin	8	EA	2,500.00	\$20,000.00
6.02	Type 2-48 inch Catch Basin	8	EA	3,500.00	\$28,000.00
6.03	Catch Basin Inlet	27	EA	1,500.00	\$40,500.00
6.04	Stormwater Pumping Station	1	LS	375,000.00	\$375,000.00
6.05	12 inch Ductile Iron Storm Pipe	100	LF	10.00	\$1,000.00
6.06	12 inch PVC Storm Pipe	2,300	LF	60.00	\$138,000.00
6.07	8 inch PVC Storm Pipe	1,000	LF	55.00	\$55,000.00
6.08	6 inch C900 PVC Force Main Pipe	160	LF	55.00	\$8,800.00
6.09	18 inch PVC Diffuser System	1	LS	6,000.00	\$6,000.00
6.10	Quarry Spalls/Riprap	3,400	CY	50.00	\$170,000.00
6.11	Geo-Textile	12,000	SY	4.00	\$48,000.00
6.12	Bypass Manhole	1	LS	10,000.00	\$10,000.00
6.13	Storm Filter (Water Quality Treatment Device)	1	LS	126,000.00	\$126,000.00
				Subtotal	\$1,026,300.00
				Incl 7.9% WSST	\$1,107,377.70

Bucoda Main St. Reconstruction Project					JN 15116
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Roadway					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
7.01	HMA CL 1/2 inch PG 64-22	2,072	Ton	95.00	\$196,840.00
7.02	Cement Concrete Sidewalk Public	1,322	SY	50.00	\$66,100.00
7.03	Cement Concrete Sidewalk Private	100	SY	50.00	\$5,000.00
7.04	Cement Concrete Curb and Gutter	3,500	LF	28.00	\$98,000.00
7.05	Cement Concrete Ramps and Approaches	300	SY	10.00	\$3,000.00
7.06	Striping and Painting	1	LS	2,000.00	\$2,000.00
7.07	Ballast	4,398	Ton	25.00	\$109,950.00
7.08	C.S.T.C.	901	Ton	28.00	\$25,228.00
7.09	Modular Block Wall	2,000	SF	40.00	\$80,000.00
7.10	Cement Concrete Retaining Wall	500	SF	45.00	\$22,500.00
7.11	Cement Concrete Stairs and Ramps Private	100	SY	125.00	\$12,500.00
7.12	Embankment	12,521	Ton	35.00	\$438,235.00
				Subtotal	\$1,059,353.00
					\$1,143,041.89

Bucoda Main St. Reconstruction Project					JN 15116
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Watermain					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
8.01	8-inch Diam. Watermain Including Import Trench Backfill	2,000	LF	50.00	\$100,000.00
8.02	8-inch Gate Valve	5	EA	1,850.00	\$9,250.00
8.03	8-inch x 8-inch Tee	3	EA	350.00	\$1,050.00
8.04	Blow-Off Assembly	2	EA	2,750.00	\$5,500.00
8.05	Hydrant Assembly	5	EA	10.00	\$50.00
8.06	8-inch 11.25-degree Bend	2	EA	250.00	\$500.00
8.07	8-inch 45-degree Bend	4	EA	250.00	\$1,000.00
8.08	1-inch Combination Air/Vacuum Valve Assembly	2	EA	2,750.00	\$5,500.00
8.09	Connect to Existing 8-inch Watermain	1	EA	2,000.00	\$2,000.00
8.1	Controlled Density Fill	50	CY	125.00	\$6,250.00
8.11	Watermain Markers	10	EA	45.00	\$450.00
8.12	Valve and Fitting Markers	10	EA	45.00	\$450.00
8.13	Adjust Water Service Meter	16	EA	300.00	\$4,800.00
				Subtotal	\$136,800.00
				Incl 7.9% WSST	\$147,607.20

Bucoda Main St. Reconstruction Project					JN 15116
30 Percent Version					
Power and Communications					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
9.01	Utility Coordination	1	LS	10,000.00	\$10,000.00
9.02	Remove Utility Pole	4	EA	800.00	\$3,200.00
9.03	Relocate Utility Pole	10	EA	4,000.00	\$40,000.00
9.04	Reconstruct Service Lines	25	EA	2,500.00	\$62,500.00
9.05	Underground Power	100	LF	10.00	\$1,000.00
9.06	Underground Communications	400	LF	100.00	\$40,000.00
9.07	Pad Mount Transformer	1	EA	35,000.00	\$35,000.00
9.08	Remove Existing Power and Communications Service	12	EA	500.00	\$6,000.00
9.09	New Utility Pole	10	EA	3500	\$35,000.00
				Subtotal	\$232,700.00
				Incl 7.9% WSST	\$251,083.30
Note: Power and Communications Costs Shown Require Verification with Purveyors.					

Bucoda Main St. Reconstruction Project					JN 15116
30 Percent Version					
Landscaping					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
10.01	Topsoil Type A	1,100	CY	45.00	\$49,500.00
10.02	Sod	20,000	SF	2.50	\$50,000.00
10.03	Trees	30	EA	250.00	\$7,500.00
10.04	Shrubs	90	EA	150.00	\$13,500.00
10.05	Relocate Existing Shrub	30	EA	10.00	\$300.00
10.06	Relocate Existing Tree	10	EA	300.00	\$3,000.00
10.07	Bark Mulch	500	CY	25.00	\$12,500.00
10.08	Decorative Landscape Rock	500	CY	70.00	\$35,000.00
10.09	Irrigation System	1	LS	60,000.00	\$60,000.00
				Subtotal	\$231,300.00
				Incl 7.9% WSST	\$249,572.70
Items and Values Shown are a Placemark Only. Actual Landscape					
Requirements are yet to be Determined.					

Bucoda Main St. Reconstruction Project					JN 15116
30 Percent Version					
Miscellaneous Items					7/1/2016
Opinion of Probable Construction Cost					
ITEM #	ITEM	QTY	UNIT	UNIT COST	EXTENSION
11.01	Clearing and Grubbing	1	LS	50,000.00	\$50,000.00
11.02	Trimming and Cleanup	1	LS	20,000.00	\$20,000.00
11.03	Seeding Fertilizing and Mulching	1	LS	12,000.00	\$12,000.00
11.04	Potholing	20	EA	350.00	\$7,000.00
11.05	Sawcutting	500	LF	3.50	\$1,750.00
				Subtotal	\$90,750.00
				Incl 7.9% WSST	\$97,919.25

Bucoda Main St. Reconstruction Project		JN 15116
30 Percent Version		
Property Acquisition		7/1/2016
Opinion of Probable Construction Cost		
ADDRESS/PARCEL No.	ASSESSED VALUE LAND & BUILDINGS	ESTIMATED ACQUISITION COST
608 S Main St.	\$74,900	\$93,625.00
#35200700800		
604 S Main St.	\$76,850	\$96,062.50
#35200701400		
706 S Main St.	\$12,700	\$15,875.00
#35200802000		
702 S Main St.	\$12,950	\$16,187.50
#35200802200		
101 Martina St. W	\$64,400	\$80,500.00
#64132600501		
605 S Main St.	\$91,400	\$114,250.00
#64132600800		
701 S Main St.	\$32,500	\$40,625.00
#64143000100		
#64143000100	\$22,300	\$27,875.00
#64143000100		
708 S Main St.	\$19,950	\$24,937.50
#35200801900		
Land Only	\$14,300	\$17,875.00
#35200700200		
108 11th St. S	\$71,400	\$89,250.00
#64132601000		
Land Only	\$12,700	\$15,875.00
#35200700600		

	EASEMENT ACQUISITION	
ADDRESS/PARCEL No.	ASSESSED VALUE LAND & BUILDINGS	
110 11th W	\$38,700	\$5,000.00
#64132601200		
Land Only	\$12,800	\$1,000.00
#64132601300		
703 S Nenant St	\$65,800	\$5,000.00
#35200800100		
	Total	\$643,937.50

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30 Percent Version		
Summary		
		7/1/2016
Opinion of Probable Construction Cost		
ITEM #	Item	Schedule Totals
1	Demolition	\$288,185.00
2	Traffic Control	\$131,000.00
3	Bridge Culvert	\$3,960,389.00
4	Safety Systems	\$59,500.00
5	Erosion Control	\$47,410.00
6	Storm System	\$1,026,300.00
7	Roadway	\$1,059,353.00
8	Watermain	\$136,800.00
9	Power & Communications	\$232,700.00
10	Landscaping	\$231,300.00
11	Miscellaneous Items	\$90,750.00
12	Property Acquisition	\$643,937.50
	Total	\$7,907,624.50
	Incl 7.9% WSST	\$8,532,326.84
Note: 10 Percent Contingency Built Into Costs.		