

Cost Estimate
Bayshore West Subdivision RID Street Reconstruction

MASS No.	Work Description	Unit	Est. Quant.	Unit Price	Total Price
Street Improvements					
20.04	Unusable Excavation	CY	27,800	\$13.00	\$361,400
20.04	Usable Excavation	CY	9,300	\$9.00	\$83,700
20.05	Type II Classified Fill & Backfill	Ton	26,300	\$12.00	\$315,600
20.05	Type IIA Classified Fill & Backfill	Ton	39,400	\$14.00	\$551,600
20.06	Leveling Course	Ton	2,400	\$25.00	\$60,000
20.17	Remove Existing Sidewalk	SY	1,300	\$8.00	\$10,400
20.18	Remove Existing Curb & Gutter	LF	11,400	\$5.00	\$57,000
20.19	Remove Existing Pavement	SY	21,700	\$2.50	\$54,250
20.22	Geotextile	SY	27,800	\$2.00	\$55,600
20.30	Stormwater Pollution Prevention Plan	LS	1	\$5,000.00	\$5,000
30.02	PCC Curb & Gutter (All Types)	LF	11,400	\$18.00	\$205,200
30.03	PCC Sidewalk (4" thick)	SY	2,900	\$40.00	\$116,000
30.07	PCC Curb Ramp with Detectable Warning	EA	8	\$1,800.00	\$14,400
30.05	Concrete Modular Block Wall	SF	250	\$45.00	\$11,250
40.02	AC Pavement	Ton	2,400	\$70.00	\$168,000
70.22	Existing Driveway Connection	EA	133	\$1,000.00	\$133,000
65.02	Construction Survey Measurement	LS	1	\$15,000.00	\$15,000
65.02	Survey Monument In Case	EA	40	\$300.00	\$12,000
70.03	Adjust Manhole Ring	EA	31	\$400.00	\$12,400
70.36	Remove Existing Pipe	LF	2,001	\$15.00	\$30,015
70.06	Remove Existing Catch Basin	EA	12	\$800.00	\$9,600
70.06	Remove Existing Manhole	EA	11	\$600.00	\$6,600
70.07	Adjust Valve Box	EA	35	\$300.00	\$10,500
70.11	Adjust Cleanout	EA	5	\$300.00	\$1,500
70.14	Reset Fence	LF	100	\$40.00	\$4,000
70.16	Insulation Board (R=10)	SF	250,400	\$1.25	\$313,000
70.17	Traffic Marking	LS	1	\$5,000.00	\$5,000
70.18	Remove and Relocate Existing Sign	EA	10	\$300.00	\$3,000
70.19	Traffic Maintenance	LS	1	\$20,000.00	\$20,000
75.05	Seeding	MSF	60	\$250.00	\$15,000
TOTAL					\$2,660,015

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Drainage Improvements					
20.07	Trench Excavation & Backfill	LF	7,970	\$20.00	\$159,400
20.07	Trench Dewatering	LS	1	\$10,000.00	\$10,000
20.09	Furnish Trench Backfill (Type II)	Ton	7,030	\$10.00	\$70,300
20.11	Furnish Bedding Material (Class C)	Ton	3,360	\$15.00	\$50,400
20.13	Disposal of Unsuitable or Surplus Material	CY	1,990	\$10.00	\$19,900
20.14	Mechanical Compaction	LF	9,150	\$2.00	\$18,300
55.02	F & I 12" CPEP (Type S)	LF	780	\$30.00	\$23,400
55.02	F & I 18" CPEP (Type S)	LF	2,280	\$40.00	\$91,200
55.05	Construct Type I Manhole	EA	19	\$3,000.00	\$57,000
55.06	Construct Catch Basin	EA	25	\$2,400.00	\$60,000
55.09	Construct Storm Drain Cleanout	EA	4	\$1,000.00	\$4,000
55.14	F & I 8" Fin Drain	LF	6,090	\$30.00	\$182,700
55.12	Construct Oil and Grit Separator	EA	1	\$35,000.00	\$35,000
65.02	Construction Survey Measurement	LS	1	\$4,000.00	\$4,000
70.24	Heat Trace System	LF	1,630	\$20.00	\$32,600
TOTAL					\$818,200

Illumination Improvements					
65.02	Construction Survey Measurement	LS	1	\$3,000.00	\$3,000
80.02	Trench & Backfill (2' W x 3' D)	LF	6,160	\$8.00	\$49,280
80.04	Driven Pile Luminaire Pole Foundation	EA	45	\$1,400.00	\$63,000
80.04	Load Center Foundation (Type 1A)	EA	2	\$2,000.00	\$4,000
80.05	29 ft. Slip Base Luminaire Pole	EA	45	\$3,000.00	\$135,000
80.05	Remove Luminaire Pole Assembly	EA	31	\$750.00	\$23,250
80.06	Luminaire Arm 8 Ft Length	EA	45	\$400.00	\$18,000
80.07	2-inch Steel Conduit	LF	6,360	\$10.00	\$63,600
80.08	Type IA Junction Box	EA	56	\$525.00	\$29,400
80.10	3 Conductor 8 AWG XHHW-2 Cable	LF	6,360	\$2.00	\$12,720
80.14	Single-Meter Pad-Mount Load Center, Type 1A	EA	2	\$5,000.00	\$10,000
80.23	Luminaire 150 W, Medium, Full Cutoff, Type II	EA	45	\$400.00	\$18,000
TOTAL					\$429,250

Schedule A - Roadway Improvements	\$2,660,000
Schedule B - Drainage Improvements	\$818,000
Schedule C - Illumination Improvements	\$429,000
Schedule D - Utility Relocations	\$50,000
Construction Contingency (15%)	\$594,000
TOTAL ESTIMATED CONSTRUCTION COST	\$4,551,000