Replat of Lot 1, Block 3, Boyer Farm Estates

James A. Sewell Associates, LLC

Engineer's Opinion of Probable Construction Cost

Samuelson Ave. Frontage Improvements

Date: January 30, 2025

Payment Reference	Description	Estimated Quantity	Unit	Estimated Unit Cost	Estimated Cost	Percent Complete	Remaining Estimated Cost
202.A.2	Ditch and Sidewalk Subgrade Grading	320	LF	$ 4.50	$ 1,440	100%	$ -
202.B.1	Haul Unsuitable Materials	180	CY	$ 8.00	$ 1,440	100%	$ -
202.C.2	Temporary Dust Abatement	20	HRS	$ 70.00	$ 1,400	100%	$ -
307.A.1	Boulevard Surface Repair	1,240	SY	$ 10.00	$ 12,400	0%	$ 12,400
703.A.1	Concrete Sidewalk	1,400	SF	$ 7.00	$ 9,800	100%	$ -
802.A.1	Type-1 Crushed Rock Base	50	TON	$ 21.00	$ 1,050	100%	$ -
1103.A.1	Construction Traffic Control	1	LS	$ 2,500.00	$ 2,500	100%	$ -
2010.A.1	Mobilization (assumed 10%)	1	LS	$ 3,223.00	$ 3,223	100%	$ -
2030.B.1	Miscellaneous Utility Adjustments	1	LS	$ 1,000.00	$ 1,000	100%	$ -
2060.A.1	Sidewalk ADA Dome Panel	2	EA	$ 600.00	$ 1,200	100%	$ -
3000.A.1	Construction Staking (2%)	1	LS	$ 645.00	$ 645	100%	$ -
3000.B.1	Construction Contract Admin. and Oversight (5%)	1	LS	$ 1,612.00	$ 1,612	90%	$ 161
3000.C.1	Materials Testing (1%)	1	LS	$ 323.00	$ 323	100%	$ -
				Subtotal Estimated Cost:	**$ 38,033.00**		**$ 12,561**

Subdivision Improvements

Payment Reference	Description	Estimated Quantity	Unit	Estimated Unit Cost	Estimated Cost	Percent Complete	Remaining Estimated Cost
202.A.1	Roadway Excavation	820	CY	$ 10.00	$ 8,200	100%	$ -
202.A.2	Stormwater Swale Excavation	440	CY	$ 12.00	$ 5,280	100%	$ -
202.B.1	Stockpile Excavated Material Onsite	1,260	CY	$ 2.00	$ 2,520	100%	$ -
202.C.1	Temporary Dust Abatement	40	HRS	$ 80.00	$ 3,200	100%	$ -
205.A.1	Trench and Pit Dewatering	5	DAYS	$ 500.00	$ 2,500	100%	$ -
307.A.1	Boulevard Surface Repair (topsoil and hydroseed)	1,120	SY	$ 10.00	$ 11,200	0%	$ 11,200
307.A.2	Swale Surface Repair (topsoil and hydroseed)	2,640	SY	$ 8.00	$ 21,120	0%	$ 21,120
401.A.1	6" Dia. Hydrant Lateral	30	LF	$ 49.00	$ 1,470	100%	$ -
401.A.2	8" Dia. Water Main	680	LF	$ 75.00	$ 51,000	100%	$ -
401.B.1	8x8x6 D.I. Tee	1	EA	$ 600.00	$ 600	100%	$ -
401.B.2	8x8x10 D.I. Tee	1	EA	$ 800.00	$ 800	100%	$ -
402.A.1	6" Dia. Gate Valve	1	EA	$ 1,460.00	$ 1,460	100%	$ -
402.A.2	8" Dia. Gate Valve	3	EA	$ 2,100.00	$ 6,300	100%	$ -
403.A.1	Fire Hydrant	1	EA	$ 3,450.00	$ 3,450	100%	$ -

501.A.1	8" Dia. Sanitary Sewer Main	580	LF	$ 75.00	$ 43,500	100%	$ -
502.A.1	48" Dia. Sewer Manhole	2	EA	$ 3,000.00	$ 6,000	80%	$ 1,200
601.A.1	12" Dia. CMP Culvert	900	LF	$ 50.00	$ 45,000	100%	$ -
602.A.1	Catch Basin	4	EA	$ 2,500.00	$ 10,000	100%	$ -
703.A.1	Concrete Sidewalk	3,180	SF	$ 7.00	$ 22,260	90%	$ 2,226
703.B.1	Concrete Curb and Gutter	1,270	LF	$ 8.00	$ 10,160	100%	$ -
703.C.1	Concrete Driveway Approach	570	SF	$ 12.00	$ 6,840	0%	$ 6,840
802.A.1	Type-1 Crushed Rock Base	520	TON	$ 35.00	$ 18,200	100%	$ -
802.B.1	Class I Rock Cap - Road Section	2,000	TON	$ 25.00	$ 50,000	100%	$ -
802.B.2	Class I Rock Cap - Energy Dissipation Pads	2	CY	$ 300.00	$ 600	0%	$ 600
810.A.1	Plant Mix Pavement	360	TON	$ 100.00	$ 36,000	100%	$ -
1003.A.1	Erosion Control	1	LS	$ 2,500.00	$ 2,500	100%	$ -
1103.A.1	Construction Traffic Control	1	LS	$ 2,000.00	$ 2,000	100%	$ -
2010.A.1	Mobilization (assumed 10%)	1	LS	$ 39,006.00	$ 39,006	100%	$ -
2030.A.1	Dry Utilities	1	LS	$ 8,500.00	$ 8,500	100%	$ -
2030.B.1	Miscellaneous Utility Adjustments	1	LS	$ 1,000.00	$ 1,000	50%	$ 500
2050.A.1	Subgrade Separation Fabric	2,400	SY	$ 2.00	$ 4,800	100%	$ -
2055.A.1	Miscellaneous Signs	6	EA	$ 300.00	$ 1,800	100%	$ -
2060.A.1	Sidewalk ADA Dome Panel	3	EA	$ 600.00	$ 1,800	100%	$ -
3000.A.1	Construction Staking (2%)	1	LS	$ 7,802.00	$ 7,802	100%	$ -
3000.A.2	Property Corners (1%)	1	LS	$ 3,901.00	$ 3,901	100%	$ -
3000.B.1	Construction Contract Admin. and Oversight (5%)	1	LS	$ 19,503.00	$ 19,503	90%	$ 1,950
3000.C.1	Materials Testing (1%)	1	LS	$ 3,901.00	$ 3,901	100%	$ -
				Subtotal Estimated Cost:	**$ 410,153.00**		**$ 45,636**
				Total Estimated Cost:	**$ 448,186.00**		**$ 58,198**