

Appendix J: Scenario Cost Estimates

Scenario A

	Unit	Quantity	Unit Price	Item Cost
1.25" Pavement Planing	SQ YD	60179	\$ 1.28	\$ 76,794.70
Surface course	CU YD	2475	\$ 146.61	\$ 362,871.60
Tack Coat	GAL	5346	\$ 2.09	\$ 11,151.59
intermediate course	CU YD	540	\$ 116.58	\$ 62,922.26
asphalt concrete base	CU YD	2467	\$ 135.67	\$ 334,746.46
aggregate base	CU YD	1851	\$ 45.91	\$ 84,957.30
Subgrade Compaction	SQ YD	33960	\$ 1.33	\$ 45,166.35
concrete walk	SQ FT	192150	\$ 5.15	\$ 990,473.21
Pavers	SQ FT	13559	\$ 19.67	\$ 266,714.13
Stamped Asphalt Crosswalk	SQ YD	1057	\$ 40.00	\$ 42,291.90
curb type 6	FT	28144	\$ 16.33	\$ 459,731.90
Pavement Removed	SQ YD	20895	\$ 8.75	\$ 182,742.52
Curb Removed	FT	22000	\$ 4.88	\$ 107,360.00
Walk Removed	SQ FT	110000	\$ 1.69	\$ 185,900.00
Misc. Roadway (clearing and grubbing, monuments, etc.)	FT	14072	\$ 10.00	\$ 140,720.76
Curb Ramps, safety	EACH	116	\$ 616.18	\$ 71,476.47
Seeding and Mulching	LUMP	1	\$ 51,110.49	\$ 51,110.49
curbed drainage	FT	14072	\$ 135.00	\$ 1,899,730.23
Traffic Control (signing and pavement markings)	FT	14072	\$ 10.08	\$ 141,846.52
Signals	EACH	2	\$ 125,000.00	\$ 250,000.00
Signal Modifications (Leffel)	EACH	1	\$ 62,500.00	\$ 62,500.00
Interconnect	EACH	1	\$ 20,000.00	\$ 20,000.00
RRFB (Safety)	EACH	4	\$ 11,000.00	\$ 44,000.00
Signals removed	EACH	2	\$ 4,000.00	\$ 8,000.00
Street Lighting	FT	10560	\$ 80.00	\$ 844,800.00
MOT	FT	14072	\$ 15.00	\$ 211,081.14
Trees	EACH	164	\$ 445.00	\$ 72,980.00
Misc. (field office, mobilization, etc.)	EACH	14072	\$ 24.64	\$ 346,735.95
Layout Stakes	%	0.5		\$ 37,070.00
Total Construction Cost				\$ 7,415,875.47
Engineering Cost				\$ 1,490,214.12
Contingency				\$ 2,235,321.18
Environmental				\$ 223,532.12
Utility Coordination				\$ 186,276.77
Survey				\$ 149,021.41
Project Total Cost				\$ 11,700,241.07

Scenario B

	Unit	Quantity	Unit Price	Item Cost
1.25" Pavement Planing	SQ YD	71492	\$ 1.28	\$ 91,231.51
Surface course	CU YD	2865	\$ 146.61	\$ 419,972.13
Tack Coat	GAL	6187	\$ 2.09	\$ 12,906.37
intermediate course	CU YD	535	\$ 116.58	\$ 62,375.81
asphalt concrete base	CU YD	2446	\$ 135.67	\$ 331,839.40
aggregate base	CU YD	1834	\$ 45.91	\$ 84,219.50
Subgrade Compaction	SQ YD	26972	\$ 1.33	\$ 35,872.93
concrete walk	SQ FT	117303	\$ 5.15	\$ 604,660.79
Pavers	SQ FT	26386	\$ 19.67	\$ 519,015.48
Stamped Asphalt Crosswalk	SQ YD	913	\$ 40.00	\$ 36,513.33
curb type 6	FT	28533	\$ 16.33	\$ 466,079.20
Curb Removed	FT	19000	\$ 4.88	\$ 92,720.00
Walk Removed	SQ FT	95000	\$ 1.69	\$ 160,550.00
Misc. Roadway (clearing and grubbing, monuments, etc.)	FT	13979	\$ 10.00	\$ 139,789.11
Curb Ramps, safety	EACH	98	\$ 616.18	\$ 60,385.30
Seeding and Mulching	LUMP	1	\$ 50,773.09	\$ 50,773.09
curbed drainage	FT	13979	\$ 135.00	\$ 1,887,153.01
Traffic Control (signing and pavement markings)	FT	13979	\$ 10.08	\$ 140,907.42
Signals Standard	EACH	1	\$ 125,000.00	\$ 125,000.00
signals - major urban intersection*	EACH	1	\$ 200,000.00	\$ 200,000.00
RRFB (Safety)	EACH	4	\$ 11,000.00	\$ 44,000.00
Street Lighting	FT	10560	\$ 80.00	\$ 844,800.00
MOT	FT	13979	\$ 33.60	\$ 469,691.42
Trees	EACH	184	\$ 445.00	\$ 81,880.00
Misc. (field office, mobilization, etc.)	EACH	13979	\$ 24.64	\$ 344,440.37
Layout Stakes	%	0.5		\$ 36,776.58
Total Construction Cost				\$ 7,343,552.76
Engineering Cost				\$ 1,478,418.54
Contingency				\$ 2,217,627.80
Environmental				\$ 221,762.78
Utility Coordination				\$ 184,802.32
Survey				\$ 147,841.85
Project Total Cost				\$ 11,594,006.05