

Appendix M: Recommended Scenario Cost Estimates

Phase 1				
	Unit	Quantity	Unit Price	Item Cost
1.25" Pavement Planing	SQ YD	9958	\$ 1.28	\$ 12,707.88
Surface course	CU YD	346	\$ 146.61	\$ 50,694.34
Tack Coat	GAL	747	\$ 2.09	\$ 1,557.91
intermediate course	CU YD	0	\$ 116.58	\$ -
asphalt concrete base	CU YD	0	\$ 135.67	\$ -
aggregate base	CU YD	0	\$ 45.91	\$ -
Subgrade Compaction	SQ YD	718	\$ 1.33	\$ 954.36
concrete walk	SQ FT	5758	\$ 5.15	\$ 29,679.47
Pavers	SQ FT	700	\$ 19.67	\$ 13,774.90
Stamped Asphalt Crosswalk	SQ YD	1391	\$ 40.00	\$ 55,650.93
curb type 6	FT	3325	\$ 16.33	\$ 54,313.54
Pavement Removed	SQ YD	0	\$ 8.75	\$ -
Curb Removed	FT	2000	\$ 4.88	\$ 9,760.00
Walk Removed	SQ FT	6750	\$ 1.69	\$ 11,407.50
Misc. Roadway (clearing and grubbing, monuments, etc.)	FT	500	\$ 10.00	\$ 5,000.00
Curb Ramps, safety	EACH	12	\$ 616.18	\$ 7,394.12
Seeding and Mulching	LUMP	1	\$ 871.85	\$ 871.85
curbed drainage	FT	1	\$ 5,000.00	\$ 5,000.00
Traffic Control (signing and pavement markings)	FT	1235	\$ 10.08	\$ 12,448.80
Signals	EACH	0	\$ 150,000.00	\$ -
Signal Improvements	EACH	1	\$ 200,000.00	\$ 200,000.00
Interconnect	EACH	0	\$ 20,000.00	\$ -
RRFB (Safety)	EACH	0	\$ 11,000.00	\$ -
Signals removed	EACH	0	\$ 4,000.00	\$ -
Street Lighting	FT	150	\$ 80.00	\$ 12,000.00
MOT	FT	1235	\$ 10.00	\$ 12,350.00
Trees	EACH	0	\$ 445.00	\$ -
Misc. (field office, mobilization, etc.)	EACH	1235	\$ 10.00	\$ 12,350.00
Layout Stakes	%	0.5		\$ 2,539.58
Total Construction Cost				\$ 510,455.19
Engineering Cost				\$ 76,568.28
Contingency				\$ 102,091.04
Environmental				\$ 15,313.66
Utility Coordination				\$ 12,761.38
Survey				\$ 7,656.83
Project Total Cost				\$ 724,846.37

Phase 2				
	Unit	Quantity	Unit Price	Item Cost
1.25" Pavement Planing	SQ YD	26726	\$ 1.28	\$ 34,104.77
Surface course	CU YD	1008	\$ 146.61	\$ 147,745.54
Tack Coat	GAL	2177	\$ 2.09	\$ 4,540.44
intermediate course	CU YD	112	\$ 116.58	\$ 13,018.92
asphalt concrete base	CU YD	511	\$ 135.67	\$ 69,260.67
aggregate base	CU YD	383	\$ 45.91	\$ 17,578.08
Subgrade Compaction	SQ YD	14115	\$ 1.33	\$ 18,772.99
concrete walk	SQ FT	102234	\$ 5.15	\$ 526,983.57
Pavers	SQ FT	4126	\$ 19.67	\$ 81,159.51
Stamped Asphalt Crosswalk	SQ YD	260	\$ 40.00	\$ 10,385.65
curb type 6	FT	19420	\$ 16.33	\$ 317,223.76
Pavement Removed	SQ YD	10335	\$ 8.75	\$ 90,391.98
Curb Removed	FT	14000	\$ 4.88	\$ 68,320.00
Walk Removed	SQ FT	52700	\$ 1.69	\$ 89,063.00
Misc. Roadway (clearing and grubbing, monuments, etc.)	FT	5660	\$ 10.00	\$ 56,600.00
Curb Ramps, safety	EACH	116	\$ 616.18	\$ 71,476.47
Seeding and Mulching	LUMP	1	\$ 15,521.09	\$ 15,521.09
curbed drainage	FT	5660	\$ 135.00	\$ 764,100.00
Traffic Control (signing and pavement markings)	FT	5660	\$ 10.08	\$ 57,052.80
Signals	EACH	1	\$ 150,000.00	\$ 150,000.00
Signal Modifications (Leffel)	EACH	0	\$ 62,500.00	\$ -
Interconnect	EACH	0	\$ 20,000.00	\$ -
RRFB (Safety)	EACH	3	\$ 11,000.00	\$ 33,000.00
Signals removed	EACH	2	\$ 4,000.00	\$ 8,000.00
Street Lighting	FT	5270	\$ 80.00	\$ 421,600.00
MOT	FT	5660	\$ 33.60	\$ 190,176.00
Trees	EACH	145	\$ 445.00	\$ 64,525.00
Misc. (field office, mobilization, etc.)	EACH	5660	\$ 24.64	\$ 139,462.40
Layout Stakes	%	0.5		\$ 17,300.31
Total Construction Cost				\$ 3,477,362.96
Engineering Cost				\$ 521,604.44
Contingency				\$ 695,472.59
Environmental				\$ 104,320.89
Utility Coordination				\$ 86,934.07
Survey				\$ 52,160.44
Project Total Cost				\$ 4,937,855.40

Phase 3				
	Unit	Quantity	Unit Price	Item Cost
1.25" Pavement Planing	SQ YD	13053	\$ 1.28	\$ 16,656.72
Surface course	CU YD	675	\$ 146.61	\$ 98,932.34
Tack Coat	GAL	1458	\$ 2.09	\$ 3,040.34
intermediate course	CU YD	310	\$ 116.58	\$ 36,163.86
asphalt concrete base	CU YD	1418	\$ 135.67	\$ 192,391.78
aggregate base	CU YD	1064	\$ 45.91	\$ 48,828.26
Subgrade Compaction	SQ YD	11508	\$ 1.33	\$ 15,305.07
concrete walk	SQ FT	32914	\$ 5.15	\$ 169,661.18
Pavers	SQ FT	13222	\$ 19.67	\$ 260,071.99
Stamped Asphalt Crosswalk	SQ YD	0	\$ 40.00	\$ -
curb type 6	FT	10496	\$ 16.33	\$ 171,451.11
Pavement Removed	SQ YD	899	\$ 8.75	\$ 7,861.99
Curb Removed	FT	6200	\$ 4.88	\$ 30,256.00
Walk Removed	SQ FT	31000	\$ 1.69	\$ 52,390.00
Misc. Roadway (clearing and grubbing, monuments, etc.)	FT	4315	\$ 10.00	\$ 43,150.00
Curb Ramps, safety	EACH	32	\$ 616.18	\$ 19,717.65
Seeding and Mulching	LUMP	1	\$ 15,774.60	\$ 15,774.60
curbed drainage	FT	4315	\$ 150.00	\$ 647,250.00
Traffic Control (signing and pavement markings)	FT	4315	\$ 10.08	\$ 43,495.20
Signals	EACH	0	\$ 150,000.00	\$ -
Signal Modifications (Leffel)	EACH	0	\$ 62,500.00	\$ -
Interconnect	EACH	0	\$ 20,000.00	\$ -
RRFB (Safety)	EACH	2	\$ 11,000.00	\$ 22,000.00
Signals removed	EACH	0	\$ 4,000.00	\$ -
Street Lighting	FT	2600	\$ 80.00	\$ 208,000.00
MOT	FT	4315	\$ 33.60	\$ 144,984.00
Trees	EACH	0	\$ 445.00	\$ -
Misc. (field office, mobilization, etc.)	EACH	4315	\$ 24.64	\$ 106,321.60
Layout Stakes	%	0.5		\$ 11,768.52
Total Construction Cost				\$ 2,365,472.21
Engineering Cost				\$ 354,820.83
Contingency				\$ 473,094.44
Environmental				\$ 70,964.17
Utility Coordination				\$ 59,136.81
Survey				\$ 35,482.08
Project Total Cost				\$ 3,358,970.53

Phase 4				
	Unit	Quantity	Unit Price	Item Cost
1.25" Pavement Planing	SQ YD	2146	\$ 1.28	\$ 2,738.83
Surface course	CU YD	473	\$ 146.61	\$ 69,276.68
Tack Coat	GAL	1021	\$ 2.09	\$ 2,128.98
intermediate course	CU YD	557	\$ 116.58	\$ 64,958.55
asphalt concrete base	CU YD	2547	\$ 135.67	\$ 345,579.52
aggregate base	CU YD	1910	\$ 45.91	\$ 87,706.69
Subgrade Compaction	SQ YD	18340	\$ 1.33	\$ 24,392.36
concrete walk	SQ FT	58017	\$ 5.15	\$ 299,060.02
Pavers	SQ FT	0	\$ 19.67	\$ -
Stamped Asphalt Crosswalk	SQ YD	431	\$ 40.00	\$ 17,254.44
curb type 6	FT	7259	\$ 16.33	\$ 118,569.53
Pavement Removed	SQ YD	11040	\$ 8.75	\$ 96,557.81
Curb Removed	FT	3900	\$ 4.88	\$ 19,032.00
Walk Removed	SQ FT	24455	\$ 1.69	\$ 41,328.95
Misc. Roadway (clearing and grubbing, monuments, etc.)	FT	2518	\$ 10.00	\$ 25,175.00
Curb Ramps, safety	EACH	16	\$ 616.18	\$ 9,858.82
Seeding and Mulching	LUMP	1	\$ 9,264.87	\$ 9,264.87
curbed drainage	FT	2518	\$ 135.00	\$ 339,862.50
Traffic Control (signing and pavement markings)	FT	2518	\$ 10.08	\$ 25,376.40
Signals	EACH	2	\$ 200,000.00	\$ 400,000.00
Signal Modifications (Leffel)	EACH	0	\$ 62,500.00	\$ -
Interconnect	EACH	2	\$ 20,000.00	\$ 40,000.00
RRFB (Safety)	EACH	0	\$ 11,000.00	\$ -
Signals removed	EACH	2	\$ 4,000.00	\$ 8,000.00
Street Lighting	FT	1079	\$ 80.00	\$ 86,319.83
MOT	FT	2518	\$ 33.60	\$ 84,588.00
Trees	EACH	10	\$ 445.00	\$ 4,450.00
Misc. (field office, mobilization, etc.)	EACH	2518	\$ 24.64	\$ 62,031.20
Layout Stakes	%	0.50%		\$ 11,417.55
Total Construction Cost				\$ 2,294,928.54
Engineering Cost				\$ 344,239.28
Contingency				\$ 458,985.71
Environmental				\$ 68,847.86
Utility Coordination				\$ 57,373.21
Survey				\$ 34,423.93
Project Total Cost				\$ 3,258,798.53

Total Recommended Scenario				
	Unit	Quantity	Unit Price	Item Cost
1.25" Pavement Planing	SQ YD	51883	\$ 1.28	\$ 66,208.19
Surface course	CU YD	2501	\$ 146.61	\$ 366,648.91
Tack Coat	GAL	5402	\$ 2.09	\$ 11,267.67
intermediate course	CU YD	979	\$ 116.58	\$ 114,141.33
asphalt concrete base	CU YD	4476	\$ 135.67	\$ 607,231.98
aggregate base	CU YD	3357	\$ 45.91	\$ 154,113.03
Subgrade Compaction	SQ YD	44680	\$ 1.33	\$ 59,424.77
concrete walk	SQ FT	198922	\$ 5.15	\$ 1,025,384.25
Stamped Asphalt Crosswalk	SQ YD	18048	\$ 40.00	\$ 721,924.56
Pavers	SQ FT	2082	\$ 19.67	\$ 40,958.36
curb type 6	FT	40500	\$ 16.33	\$ 661,557.94
Pavement Removed	SQ YD	22275	\$ 8.75	\$ 194,811.78
Curb Removed	FT	26100	\$ 4.88	\$ 127,368.00
Walk Removed	SQ FT	114905	\$ 1.69	\$ 194,189.45
Misc. Roadway (clearing and grubbing, monuments, etc.)	FT	12993	\$ 10.00	\$ 129,925.00
Curb Ramps, safety	EACH	176	\$ 616.18	\$ 108,447.06
Seeding and Mulching	LUMP	4	\$ 9,264.87	\$ 37,059.47
curbed drainage	FT	12494	\$ 135.00	\$ 1,686,622.50
Traffic Control (signing and pavement markings)	FT	13728	\$ 10.08	\$ 138,373.20
Signals	EACH	3	\$150,000.00	\$ 450,000.00
Signal Improvements	EACH	1	\$200,000.00	\$ 200,000.00
Interconnect	EACH	2	\$ 20,000.00	\$ 40,000.00
RRFB (Safety)	EACH	5	\$ 11,000.00	\$ 55,000.00
Signals removed	EACH	4	\$ 4,000.00	\$ 16,000.00
Street Lighting	FT	9099	\$ 80.00	\$ 727,919.83
MOT	FT	13728	\$ 15.00	\$ 205,912.50
Trees	EACH	155	\$ 445.00	\$ 68,975.00
Misc. (field office, mobilization, etc.)	EACH	13728	\$ 24.64	\$ 338,245.60
Layout Stakes	%	0.5		\$ 42,738.55
Total Construction Cost				\$ 8,590,448.94
Engineering Cost				\$ 1,288,567.34
Contingency				\$ 1,718,089.79
Environmental				\$ 257,713.47
Utility Coordination				\$ 214,761.22
Survey				\$ 128,856.73
Project Total Cost				\$ 12,198,437.50