

APPENDIX I – CONSTRUCTION COST ESTIMATES

Construction Cost Estimate
Improvement Concept 2

Pavement Cost

Widening Areas	2,000 SY	\$80.00	\$160,000
Mill and overlay	10,000 SY	\$12.00	\$120,000
			\$280,000

Miscellaneous Items

	Qty.	Units	\$ per Unit	
Earthwork	5,000	CY	\$10.00	\$50,000
Install curb and gutter	2,000	LF	\$25.00	\$50,000
Sidewalk (4")	1,000	SY	\$50.00	\$50,000
Signalization	1	Ea.	\$150,000	\$150,000
Drainage, erosion control, etc.			30% paving	\$84,000
Maintenance of Traffic	1	LS		\$50,000
Lighting along north side	1	LS		\$50,000

\$764,000	Subtotal
\$191,000	Contingency (25%)
\$28,650.00	Mobilization (3%)
\$14,325.00	Demobilization (1.5%)

TOTAL CONSTRUCTION COST
USE

\$997,975
\$1,000,000

Construction Cost Estimate

Improvement Concept 3

Pavement Cost

Mill and overlay	2,600 SY	\$12.00	\$31,200
Replacement	6,600 SY	\$80.00	\$528,000

\$559,200**Miscellaneous Items**

	Qty.	Units	\$ per Unit	
Earthwork	5,000	CY	\$10.00	\$50,000
Install curb and gutter	5,200	LF	\$25.00	\$130,000
Sidewalk (4")	1,500	SY	\$50.00	\$75,000
Remove Concrete Sidewalk	300	SY	\$20.00	\$6,000
Landscaped Pedestrian Barrier	1,100	SF	\$75.00	\$82,500
Signalization	0.5	Ea.	\$150,000	\$75,000
Drainage, erosion control, etc.			30% paving	\$167,760
Maintenance of Traffic	1	LS		\$100,000
Lighting	1	LS		\$100,000

\$1,873,460	Subtotal
\$468,365	Contingency (25%)
\$70,254.75	Mobilization (3%)
\$35,127.38	Demobilization (1.5%)
\$2,447,207	
\$2,500,000	

TOTAL CONSTRUCTION COST
USE

Construction Cost Estimate

Improvement Concept 4

Pavement Cost

Widening Areas	1,300 SY	\$80.00	\$104,000
Mill and overlay	14,200 SY	\$12.00	\$170,400
Replacement	5,000 SY	\$80.00	\$400,000
			\$674,400

Miscellaneous Items

	Qty.	Units	\$ per Unit	
Earthwork	5,000	CY	\$10.00	\$50,000
Install curb and gutter	5,200	LF	\$25.00	\$130,000
Sidewalk (4")	1,400	SY	\$50.00	\$70,000
Remove Concrete Sidewalk	300	SY	\$20.00	\$6,000
Landscaped Pedestrian Barrier	1,100	SF	\$75.00	\$82,500
Signalization	0.5	Ea.	\$150,000	\$75,000
Drainage, erosion control, etc.			30% paving	\$202,320
Maintenance of Traffic	1	LS		\$100,000
Lighting	1	LS		\$100,000
Bridge	1	LS		\$4,700,000

\$6,590,220	Subtotal
\$1,647,555	Contingency (25%)
\$247,133.25	Mobilization (3%)
\$123,566.63	Demobilization (1.5%)
\$8,608,475	
\$8,600,000	

TOTAL CONSTRUCTION COST
USE

Construction Cost Estimate

Improvement Concept 5

Pavement Cost

Mill and overlay	3,100 SY	\$12.00	\$37,200
Replacement	8,900 SY	\$80.00	\$712,000

\$749,200**Miscellaneous Items**

	Qty.	Units	\$ per Unit	
Earthwork	8,000	CY	\$10.00	\$80,000
Install curb and gutter	8,800	LF	\$25.00	\$220,000
Sidewalk (4")	3,100	SY	\$50.00	\$155,000
Signalization	1.5	Ea.	\$150,000	\$225,000
Remove Concrete Sidewalk	300	SY	\$20.00	\$6,000
Landscaped Pedestrian Barrier	1,100	SF	\$75.00	\$82,500
Drainage, erosion control, etc.			30% paving	\$224,760
Maintenance of Traffic	1	LS		\$100,000
Lighting	1	LS		\$100,000
Bridge	1	LS		\$4,700,000

\$7,354,460	Subtotal
\$1,838,615	Contingency (25%)
\$275,792.25	Mobilization (3%)
\$137,896.13	Demobilization (1.5%)
\$9,606,763	
\$9,600,000	

TOTAL CONSTRUCTION COST
USE

Construction Cost Estimate

Improvement Concept 6

Pavement Cost

Mill and overlay	3,300 SY	\$12.00	\$39,600
Replacement	14,000 SY	\$80.00	\$1,120,000

\$1,159,600**Miscellaneous Items**

	Qty.	Units	\$ per Unit	
Earthwork	8,000	CY	\$10.00	\$80,000
Install curb and gutter	11,100	LF	\$25.00	\$277,500
Sidewalk (4")	4,000	SY	\$50.00	\$200,000
Signalization	0.5	Ea.	\$150,000	\$75,000
Remove Concrete Sidewalk	300	SY	\$20.00	\$6,000
Landscaped Pedestrian Barrier	1,100	SF	\$75.00	\$82,500
Drainage, erosion control, etc.			30% paving	\$347,880
Maintenance of Traffic	1	LS		\$150,000
Lighting	1	LS		\$200,000
Bridge	1	LS		\$4,700,000

\$8,398,480	Subtotal
\$2,099,620	Contingency (25%)
\$314,943.00	Mobilization (3%)
\$157,471.50	Demobilization (1.5%)
\$10,970,515	
\$11,000,000	

TOTAL CONSTRUCTION COST
USE