

Appendix N

Draft Project Planning Cost Estimates for Preferred Planning Alignment Concept

CSAH 1 Corridor Preservation Study

Preferred Planning Alignment Concept
 Estimation of Project Costs

DRAFT

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	TOTAL ESTIMATED COST
Environmental Review (EAW Scoping/EIS)	\$ 800,000
SEGMENT 1 - Baldwin Avenue to Cates Avenue	
CSAH 1 (1.1 miles, 2-lane rural w/ 10' shoulders/turn lanes)	
<i>Construction</i>	\$ 2,558,000
<i>Project Delivery (20%)</i>	\$ 511,600
<i>150' Right-of-Way (\$50K/acre)</i>	\$ 998,600
Cabot Ave Extension (500', 2-lane paved rural w/ 4' shoulders)	
<i>Construction</i>	\$ 71,000
<i>Project Delivery (20%)</i>	\$ 14,200
<i>66' Right-of-Way (\$50K/acre)</i>	\$ 34,000
Cates Ave Reconstruction (1200', 2-lane paved rural w/ 4' shoulders)	
<i>Construction</i>	\$ 170,500
<i>Project Delivery (20%)</i>	\$ 34,100
SUBTOTAL - SEGMENT 1	\$ 4,392,000
SEGMENT 2 - Cates Avenue to CSAH 78	
CSAH 1 (1.9 miles, 2-lane rural w/ 10' shoulders/turn lanes)	
<i>Construction</i>	\$ 3,900,000
<i>Project Delivery (20%)</i>	\$ 780,000
<i>120' Right-of-Way (\$50K/acre, 2 relocate)</i>	\$ 1,873,300
Dahle Ave Extension (1200', 2-lane urban w/ 8' shoulders)	
<i>Construction</i>	\$ 628,000
<i>Project Delivery (20%)</i>	\$ 125,600
<i>66' Right-of-Way (\$50K/acre)</i>	\$ 144,000
Hester Street Extension (2600', 2-lane urban w/ 8' shoulders)	
<i>Construction</i>	\$ 834,000
<i>Project Delivery (20%)</i>	\$ 166,800
<i>66' Right-of-Way (\$50K/acre)</i>	\$ 189,400
SUBTOTAL - SEGMENT 2	\$ 8,641,100
SEGMENT 3 - CSAH 78 to Cannon Lane	
CSAH 1 (2200', 2-lane urban w/ 10' shoulders/turn lanes)	
<i>Road Construction</i>	\$ 125,000
<i>Bridge over Railroad/CR 78 (65'x400')</i>	\$ 2,860,000
<i>Bridge over River/Floodplain (65'x1800')</i>	\$ 13,640,000
<i>Project Delivery (20%)</i>	\$ 3,325,000
<i>200' Right-of-Way (\$50K/acre)</i>	\$ 500,000
Schilling Drive/Cannon Lane Alignment (800' 2-lane urban with 8' shoulders/turn lanes)	
<i>Construction</i>	\$ 260,000
<i>Project Delivery (20%)</i>	\$ 52,000
<i>66' Right-of-Way (\$50K/acre, plus relocate)</i>	\$ 276,500
SUBTOTAL - SEGMENT 3	\$ 21,038,500

SEGMENT 4 - Cannon Lane to TH 246		
CSAH 1 (1.7 miles, 2-lane urban w/ 8' shoulders/turn lanes)		
	Road Construction	\$ 5,479,000
	Retaining Wall	\$ 1,134,000
	TH 3 Traffic Signal Revisions	\$ 250,000
	TH 3/CSAH 1 Signal/Roundabout	\$ 600,000
	Project Delivery (20%)	\$ 1,492,600
	150' Right-of-Way (\$50K/acre, 3 relocate)	\$ 1,900,000
Stafford Rd Extension (1800', 2-lane urban w/ 8' shoulders)		
	Construction	\$ 580,000
	Project Delivery (20%)	\$ 116,000
	66' Right-of-Way (\$50K/acre)	\$ 106,000
Timberline Drive Realignment (1000', 2-lane urban w/ 4' shoulders, cul de sac)		
	Construction	\$ 142,000
	Project Delivery (20%)	\$ 28,400
	66' Right-of-Way (\$50K/acre)	\$ 56,800
SUBTOTAL - SEGMENT 4		\$ 11,884,800
TH 3 Access Improvements - Cannon River to CSAH 1		
CSAH 20 South Realignment (1300', 2-lane rural w/ 10' shoulders/turn lanes)		
	Road Construction	\$ 870,800
	Project Delivery (20%)	\$ 174,160
	100' Right-of-Way (\$50K/acre)	\$ 137,800
CSAH 20 North Realignment and Access Restriction (RI/RO)		
	Construction	\$ 100,000
	Project Delivery (20%)	\$ 20,000
	66' Right-of-Way (\$50K/acre)	\$ 23,000
Stafford Road Extension to CSAH 20 (2950', 2-lane urban w/ 10' shoulders/turn lanes)		
	Construction	\$ 950,000
	Project Delivery (20%)	\$ 190,000
	66' Right-of-Way (\$50K/acre)	\$ 210,000
TH 3 at Hester Street Permanent Traffic Signal		
	Construction	\$ 250,000
	Project Delivery (20%)	\$ 50,000
SUBTOTAL - TH 3 Access		\$ 2,975,760
TH 246 Access Improvements - Realignment of CSAH 22		
CSAH 22 Realignment (1950', 2-lane rural w/ 10' shoulders/turn lanes)		
	Road Construction	\$ 1,006,250
	Project Delivery (20%)	\$ 201,250
	100' Right-of-Way (\$50K/acre)	\$ 206,600
SUBTOTAL - TH 246 Access		\$ 1,414,100
TOTAL ESTIMATED PROJECT COSTS		\$ 51,146,260