SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-601-010

Original		Current
OWATONNA	Municipality	OWATONNA
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
26TH ST TO 0.50 M N	Termini	26TH ST TO 0.50 M N
2600	Present AADT	2600
2015	Year of Count	2015
1.1	Projection Factor	1.1
2860	Projected Traffic	2860
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1992	Latest Year SA funds	1992
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 1210468.28 / 60 * 25 * 1.1	$277,399
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2376 * 49.33 / 20 * 25	$73,255
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 22935.36 / 60 * 25	$4,778
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $277,399 + $73,255 + $4,778	$355,432

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-601-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4	Segment Length	4
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.50 M N OF 26TH STREET TO CSAH 12	Termini	0.50 M N OF 26TH STREET TO CSAH 12
2600	Present AADT	2600
2015	Year of Count	2015
1.1	Projection Factor	1.1
2860	Projected Traffic	2860
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1992	Latest Year SA funds	1992
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4 * 1210468.28 / 60 * 25 * 1.1	$2,219,192
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 2376 * 49.33 / 20 * 25	$586,040
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 22935.36 / 60 * 25	$38,226
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $2,219,192 + $586,040 + $38,226	$2,843,458

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-602-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5	Segment Length	5
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
COUNTY LINE TO CSAH 17	Termini	COUNTY LINE TO CSAH 17
3150	Present AADT	3150
2015	Year of Count	2015
1.1	Projection Factor	1.1
3465	Projected Traffic	3465
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
0	Latest Year SA funds	0
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
THTB NO AGREEMENT12/12 CO#94122	Comments	THTB NO AGREEMENT12/12 CO#94122
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5 * 1210468.28 / 60 * 25 * 1.1	$2,773,990
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5 * 2376 * 49.33 / 20 * 25	$732,551
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5 * 22935.36 / 60 * 25	$47,782
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $2,773,990 + $732,551 + $47,782	$3,554,323

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-602-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.2	Segment Length	1.2
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 17 TO DIVIDED ROADWAY	Termini	CSAH 17 TO DIVIDED ROADWAY
4500	Present AADT	4500
2015	Year of Count	2015
1.1	Projection Factor	1.1
4950	Projected Traffic	4950
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
0	Latest Year SA funds	0
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
THTB NO AGREEMENT12/12 CO#94122	Comments	THTB NO AGREEMENT12/12 CO#94122
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.2 * 1210468.28 / 60 * 25 * 1.1	$665,758
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.2 * 2376 * 49.33 / 20 * 25	$175,812
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.2 * 22935.36 / 60 * 25	$11,468
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $665,758 + $175,812 + $11,468	$853,038

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-602-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.4	Segment Length	0.4
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
DIVIDED	Existing Lane Description	DIVIDED
DIVIDED ROADWAY TO OWATONA CITY LIMITS	Termini	DIVIDED ROADWAY TO OWATONA CITY LIMITS
4500	Present AADT	4500
2015	Year of Count	2015
1.1	Projection Factor	1.1
4950	Projected Traffic	4950
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
0	Latest Year SA funds	0
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
THTB NO AGREEMENT12/12 CO#94122	Comments	THTB NO AGREEMENT12/12 CO#94122
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 1210468.28 / 60 * 25 * 1.1	$221,919
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2376 * 49.33 / 20 * 25	$58,604
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 22935.36 / 60 * 25	$3,823
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $221,919 + $58,604 + $3,823	$284,346

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-602-040

Original		Current
OWATONNA	Municipality	OWATONNA
0.96	Segment Length	0.96
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
DIVIDED	Existing Lane Description	DIVIDED
OWATONA CITY LIMITS TO 24TH AVE NW	Termini	OWATONA CITY LIMITS TO 24TH AVE NW
6500	Present AADT	6500
2015	Year of Count	2015
1.1	Projection Factor	1.1
7150	Projected Traffic	7150
RURAL	Design Type	RURAL
4 - RURAL : 7000 - 999999	Design Group	4 (RURAL : 7000 - 999999)
0	Latest Year SA funds	0
1	Number of Signal Legs	1
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
THTB NO AGREEMENT12/12 CO#94122	Comments	THTB NO AGREEMENT12/12 CO#94122
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.96 * 2538807.18 / 60 * 25 * 1.1	$1,117,075
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.96 * 3564 * 49.33 / 20 * 25	$210,975
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.96 * 265212.4 / 60 * 25	$106,085
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$35,156 + $1,117,075 + $210,975 + $106,085	$1,469,291

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-602-050

Original		Current
OWATONNA	Municipality	OWATONNA
1	Segment Length	1
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
DIVIDED	Existing Lane Description	DIVIDED
24TH AVE NW TO CSAH 45	Termini	24TH AVE NW TO CSAH 45
13800	Present AADT	13800
2015	Year of Count	2015
1.1	Projection Factor	1.1
15180	Projected Traffic	15180
RURAL	Design Type	RURAL
4 - RURAL : 7000 - 999999	Design Group	4 (RURAL : 7000 - 999999)
0	Latest Year SA funds	0
4	Number of Signal Legs	4
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
THTB NO AGREEMENT12/12 CO#94122	Comments	THTB NO AGREEMENT12/12 CO#94122
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	4 * 56250 / 40 * 25	$140,625
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 2538807.18 / 60 * 25 * 1.1	$1,163,620
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 3564 * 49.33 / 20 * 25	$219,765
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 265212.4 / 60 * 25	$110,505
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$140,625 + $1,163,620 + $219,765 + $110,505	$1,634,515

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-603-009

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.5	Segment Length	1.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S CO LINE TO TH 30	Termini	S CO LINE TO TH 30
900	Present AADT	900
2015	Year of Count	2015
1.1	Projection Factor	1.1
990	Projected Traffic	990
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 872568.71 / 60 * 25 * 1.1	$599,891
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 49.33 / 20 * 25	$195,347
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 13572.97 / 60 * 25	$8,483
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $599,891 + $195,347 + $8,483	$803,721

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-603-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.7	Segment Length	3.7
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 30 TO 3.7 MI N	Termini	TH 30 TO 3.7 MI N
415	Present AADT	415
2015	Year of Count	2015
1.1	Projection Factor	1.1
457	Projected Traffic	457
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1975	Latest Year SA funds	1975
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.7 * 872568.71 / 60 * 25 * 1.1	$1,479,731
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.7 * 2112 * 49.33 / 20 * 25	$481,855
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.7 * 13572.97 / 60 * 25	$20,925
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,479,731 + $481,855 + $20,925	$1,982,511

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-603-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.7	Segment Length	2.7
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
3.7 MI NO OF TH 30 TO SO JCT CSAH 4	Termini	3.7 MI NO OF TH 30 TO SO JCT CSAH 4
415	Present AADT	415
2015	Year of Count	2015
1.1	Projection Factor	1.1
457	Projected Traffic	457
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1975	Latest Year SA funds	1975
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74522	Structure Number	74522
5.96	Milepoint	5.96
1973	Year Built	1973
JUD DITCH # 2	Feature Crossed	JUD DITCH # 2
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
105.5	Bridge Length	105.5
34	Bridge Width	34
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.7 * 872568.71 / 60 * 25 * 1.1	$1,079,804
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.7 * 2112 * 49.33 / 20 * 25	$351,624
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.7 * 13572.97 / 60 * 25	$15,270
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	105.5 * 34 * 163 / 80 * 25 * 1.15	$210,120
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $1,079,804 + $351,624 + $15,270 + $210,120	$1,656,818

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-603-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S JCT CSAH 4 TO N JCT CSAH 4	Termini	S JCT CSAH 4 TO N JCT CSAH 4
415	Present AADT	415
2015	Year of Count	2015
1.1	Projection Factor	1.1
457	Projected Traffic	457
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1972	Latest Year SA funds	1972
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 872568.71 / 60 * 25 * 1.1	$199,964
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 49.33 / 20 * 25	$65,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 13572.97 / 60 * 25	$2,828
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $199,964 + $65,116 + $2,828	$267,908

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-603-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.1	Segment Length	2.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
N JCT CSAH 4 TO CSAH 45	Termini	N JCT CSAH 4 TO CSAH 45
820	Present AADT	820
2015	Year of Count	2015
1.1	Projection Factor	1.1
902	Projected Traffic	902
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1989	Latest Year SA funds	1989
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
95392	Structure Number	95392
9.74	Milepoint	9.74
1981	Year Built	1981
STREAM	Feature Crossed	STREAM
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
14.1	Culvert Width	14.1
8.9	Culvert Height	8.9
126	Culvert Length	126
98.99989386	Area of Waterway Opening	98.99989386
100%	Shared Structure	100%
PRECAST CONCRETE ARCH PIPE	Comments	PRECAST CONCRETE ARCH PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.1 * 872568.71 / 60 * 25 * 1.1	$839,847
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.1 * 2112 * 49.33 / 20 * 25	$273,486
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.1 * 13572.97 / 60 * 25	$11,876
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	126 * 98.99989386 * 16.61 / 100 * 25 * 1.15	$59,568
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $839,847 + $273,486 + $11,876 + $59,568	$1,184,777

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-603-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 45 TO 2.0 MI E	Termini	CSAH 45 TO 2.0 MI E
250	Present AADT	250
2015	Year of Count	2015
1.1	Projection Factor	1.1
275	Projected Traffic	275
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1969	Latest Year SA funds	1969
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-603-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.4	Segment Length	2.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.0 MI E CSAH 45 TO TH 218	Termini	2.0 MI E CSAH 45 TO TH 218
250	Present AADT	250
2015	Year of Count	2015
1.1	Projection Factor	1.1
275	Projected Traffic	275
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
95391	Structure Number	95391
13.72	Milepoint	13.72
1980	Year Built	1980
TURTLE CREEK	Feature Crossed	TURTLE CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
12.8	Culvert Width	12.8
8.1	Culvert Height	8.1
58	Culvert Length	58
162.99989048	Area of Waterway Opening	162.99989048
100%	Shared Structure	100%
PRECAST CONCRETE ARCH PIPE	Comments	PRECAST CONCRETE ARCH PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.4 * 872568.71 / 60 * 25 * 1.1	$959,826
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.4 * 2112 * 49.33 / 20 * 25	$312,555
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.4 * 13572.97 / 60 * 25	$13,573
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	58 * 162.99989048 * 16.61 / 100 * 25 * 1.15	$45,146
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $959,826 + $312,555 + $13,573 + $45,146	$1,331,100

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.6	Segment Length	0.6
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
WASECA CSAH 15 TO CSAH 32 (ALONG WEST CO LINE)	Termini	WASECA CSAH 15 TO CSAH 32 (ALONG WEST CO LINE)
170	Present AADT	170
2015	Year of Count	2015
1.1	Projection Factor	1.1
187	Projected Traffic	187
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-604-016 STEELE CO PORTION OF M&OL	Comments	2013 SAP 074-604-016 STEELE CO PORTION OF M&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.6 * 872568.71 / 60 * 25 * 1.1	$239,956
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.6 * 2112 * 49.33 / 20 * 25	$78,139
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.6 * 13572.97 / 60 * 25	$3,393
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $239,956 + $78,139 + $3,393	$321,488

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
WEST CO LINE TO CSAH 7	Termini	WEST CO LINE TO CSAH 7
85	Present AADT	85
2015	Year of Count	2015
1.8	Projection Factor	1.8
153	Projected Traffic	153
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROADWAY SECTION WAS RECLAIMED AND NEW SURFACING PLACED IN 2000	Comments	ROADWAY SECTION WAS RECLAIMED AND NEW SURFACING PLACED IN 2000
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 7 TO CR 82	Termini	CSAH 7 TO CR 82
240	Present AADT	240
2015	Year of Count	2015
1.1	Projection Factor	1.1
264	Projected Traffic	264
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1970	Latest Year SA funds	1970
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CR 82 TO CSAH 67	Termini	CR 82 TO CSAH 67
465	Present AADT	465
2015	Year of Count	2015
1.1	Projection Factor	1.1
512	Projected Traffic	512
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1970	Latest Year SA funds	1970
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-041

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 67 TO CSAH 30	Termini	CSAH 67 TO CSAH 30
405	Present AADT	405
2015	Year of Count	2015
1.1	Projection Factor	1.1
446	Projected Traffic	446
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1968	Latest Year SA funds	1968
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 872568.71 / 60 * 25 * 1.1	$199,964
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 49.33 / 20 * 25	$65,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 13572.97 / 60 * 25	$2,828
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $199,964 + $65,116 + $2,828	$267,908

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.2	Segment Length	1.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 30 TO 1.2 MI E	Termini	CSAH 30 TO 1.2 MI E
405	Present AADT	405
2015	Year of Count	2015
1.1	Projection Factor	1.1
446	Projected Traffic	446
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1968	Latest Year SA funds	1968
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
876328A	USDOT Number	876328A
7.1	Located at Milepoint	7.1
2	Mainline Tracks	2
SIGNALS & GATES	Protection Type	SIGNALS & GATES
2001	Last Year Protection Upgraded	2001
40	Crossing Length	40
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.2 * 872568.71 / 60 * 25 * 1.1	$479,913
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.2 * 2112 * 49.33 / 20 * 25	$156,277
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.2 * 13572.97 / 60 * 25	$6,786
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	325000 / 25 * 25	$325,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	40 * 1350 / 25 * 25	$54,000
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $479,913 + $156,277 + $6,786 + $325,000 + $54,000	$1,021,976

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.6	Segment Length	0.6
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.2 MI E OF CSAH 30 TO 0.40 MI NO OF CSAH 14	Termini	1.2 MI E OF CSAH 30 TO 0.40 MI NO OF CSAH 14
660	Present AADT	660
2015	Year of Count	2015
1.1	Projection Factor	1.1
726	Projected Traffic	726
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2009	Latest Year SA funds	2009
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2009 OVERLAY, SAP 74-604-012	Comments	2009 OVERLAY, SAP 74-604-012
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.6 * 872568.71 / 60 * 25 * 1.1	$239,956
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.6 * 2112 * 49.33 / 20 * 25	$78,139
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.6 * 13572.97 / 60 * 25	$3,393
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $239,956 + $78,139 + $3,393	$321,488

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-065

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.1	Segment Length	0.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.40 MI NO OF CSAH 14 TO 0.30 MI NO OF CSAH 14	Termini	0.40 MI NO OF CSAH 14 TO 0.30 MI NO OF CSAH 14
660	Present AADT	660
2015	Year of Count	2015
1.1	Projection Factor	1.1
726	Projected Traffic	726
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2009	Latest Year SA funds	2009
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2009 OVERLAY, SAP 74-604-012	Comments	2009 OVERLAY, SAP 74-604-012
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 3224471.48 / 60 * 25 * 1.15	$154,506
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2904 * 49.33 / 15 * 25	$23,876
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 1553.18 / 60 * 25	$65
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $154,506 + $23,876 + $65	$178,447

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-070

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.3	Segment Length	0.3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.30 MI NO OF CSAH 14 TO CSAH 14	Termini	0.30 MI NO OF CSAH 14 TO CSAH 14
660	Present AADT	660
2015	Year of Count	2015
1.1	Projection Factor	1.1
726	Projected Traffic	726
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2009	Latest Year SA funds	2009
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2009 OVERLAY, SAP 74-604-012	Comments	2009 OVERLAY, SAP 74-604-012
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 872568.71 / 60 * 25 * 1.1	$119,978
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2112 * 49.33 / 20 * 25	$39,069
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 13572.97 / 60 * 25	$1,697
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $119,978 + $39,069 + $1,697	$160,744

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : STEELE

Segment Nbr : 074-604-080

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.7	Segment Length	0.7
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 14 TO I 35	Termini	CSAH 14 TO I 35
1400	Present AADT	1400
2015	Year of Count	2015
1.1	Projection Factor	1.1
1540	Projected Traffic	1540
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1972	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	2018 SAP 074-604-017 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.7 * 1210468.28 / 60 * 25 * 1.1	$388,359
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.7 * 2376 * 49.33 / 20 * 25	$102,557
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.7 * 22935.36 / 60 * 25	$6,689
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $388,359 + $102,557 + $6,689	$497,605

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : STEELE

Segment Nbr : 074-604-090

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.8	Segment Length	0.8
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FAI 35 TO CSAH 3	Termini	FAI 35 TO CSAH 3
1050	Present AADT	1050
2015	Year of Count	2015
1.1	Projection Factor	1.1
1155	Projected Traffic	1155
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1972	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	2018 SAP 074-604-017 RC&OL
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74531	Structure Number	74531
11.6	Milepoint	11.6
1979	Year Built	1979
STRAIGHT RIVER (JD # 2)	Feature Crossed	STRAIGHT RIVER (JD # 2)
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
180.2	Bridge Length	180.2
40	Bridge Width	40
100%	Shared Structure	100%
CORRECTION - MOVED FROM SEGMENT NO. 110	Comments	CORRECTION - MOVED FROM SEGMENT NO. 110
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Culvert Information

Status: Original

Original		Current
95775	Structure Number	95775
11.41	Milepoint	11.41
1983	Year Built	1983
JUD DITCH # 2	Feature Crossed	JUD DITCH # 2
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12.8	Culvert Width	12.8
8.3	Culvert Height	8.3
108	Culvert Length	108
81.00050028	Area of Waterway Opening	81.00050028
100%	Shared Structure	100%
PRECAST CONCRETE ARCH PIPE CORRECTION - MOVED FROM SEGMENT NO. 110	Comments	PRECAST CONCRETE ARCH PIPE CORRECTION - MOVED FROM SEGMENT NO. 110
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result

Signal Leg	**TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear**	**0 * 56250 / 40 * 25**	**$0**
Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**0.8 * 872568.71 / 60 * 25 * 1.1**	**$319,942**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**0.8 * 2112 * 49.33 / 20 * 25**	**$104,185**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**0.8 * 13572.97 / 60 * 25**	**$4,524**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**180.2 * 40 * 147 / 80 * 25 * 1.15**	**$380,785**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**108 * 81.00050028 * 16.61 / 100 * 25 * 1.15**	**$41,775**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + Culvert**	**$0 + $319,942 + $104,185 + $4,524 + $380,785 + $41,775**	**$851,211**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-100

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 3 TO CSAH 45	Termini	CSAH 3 TO CSAH 45
270	Present AADT	270
2015	Year of Count	2015
1.1	Projection Factor	1.1
297	Projected Traffic	297
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2009	Latest Year SA funds	2009
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2009 OVERLAY, SAP 74-604-013	Comments	2009 OVERLAY, SAP 74-604-013
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-110

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4	Segment Length	4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 45 TO 4.0 MI E	Termini	CSAH 45 TO 4.0 MI E
440	Present AADT	440
2015	Year of Count	2015
1.1	Projection Factor	1.1
484	Projected Traffic	484
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROADWAY SECTION WAS RECLAIMED AND NEW SURFACING PLACED IN 2000	Comments	ROADWAY SECTION WAS RECLAIMED AND NEW SURFACING PLACED IN 2000
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4 * 872568.71 / 60 * 25 * 1.1	$1,599,709
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 2112 * 49.33 / 20 * 25	$520,925
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 13572.97 / 60 * 25	$22,622
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,599,709 + $520,925 + $22,622	$2,143,256

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-120

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.2	Segment Length	2.2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
4.0 MI E OF CSAH 45 TO TH 218	Termini	4.0 MI E OF CSAH 45 TO TH 218
440	Present AADT	440
2015	Year of Count	2015
1.1	Projection Factor	1.1
484	Projected Traffic	484
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.2 * 872568.71 / 60 * 25 * 1.1	$879,840
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.2 * 2112 * 49.33 / 20 * 25	$286,509
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.2 * 13572.97 / 60 * 25	$12,442
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $879,840 + $286,509 + $12,442	$1,178,791

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-130

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.2	Segment Length	0.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 218 TO 0.20 MI E	Termini	TH 218 TO 0.20 MI E
145	Present AADT	145
2015	Year of Count	2015
1.1	Projection Factor	1.1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
I & M RAIL LINK / CEDAR RIVER	RailRoad Name	I & M RAIL LINK / CEDAR RIVER
380273R	USDOT Number	380273R
17.2	Located at Milepoint	17.2
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 872568.71 / 60 * 25 * 1.1	$79,985
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2112 * 49.33 / 20 * 25	$26,046
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 13572.97 / 60 * 25	$1,131
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $79,985 + $26,046 + $1,131 + $1,500 + $43,200	$151,862

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-140

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.20 MI E OF TH 218 TO CR 57	Termini	0.20 MI E OF TH 218 TO CR 57
145	Present AADT	145
2015	Year of Count	2015
1.1	Projection Factor	1.1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 872568.71 / 60 * 25 * 1.1	$199,964
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 49.33 / 20 * 25	$65,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 13572.97 / 60 * 25	$2,828
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $199,964 + $65,116 + $2,828	$267,908

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-604-150

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.8	Segment Length	1.8
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CR 57 TO CSAH 16	Termini	CR 57 TO CSAH 16
145	Present AADT	145
2015	Year of Count	2015
1.1	Projection Factor	1.1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.8 * 872568.71 / 60 * 25 * 1.1	$719,869
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.8 * 2112 * 49.33 / 20 * 25	$234,416
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.8 * 13572.97 / 60 * 25	$10,180
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $719,869 + $234,416 + $10,180	$964,465

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-605-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W COUNTY LINE TO CSAH 7	Termini	W COUNTY LINE TO CSAH 7
75	Present AADT	75
2015	Year of Count	2015
2.1	Projection Factor	2.1
158	Projected Traffic	158
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-605-003 RC/OL	Comments	2013 SAP 074-605-003 RC/OL
DISTRICT ADJUSTED PROJECTION FACTOR TO ALLOW FOR PAVING NEEDS ON THIS SEGMENT. ROADWAY IS CURRENTLY PAVED AND WILL BE RECONSTRUCTED AS A PAVED ROUTE. APS 4-11-05		DISTRICT ADJUSTED PROJECTION FACTOR TO ALLOW FOR PAVING NEEDS ON THIS SEGMENT. ROADWAY IS CURRENTLY PAVED AND WILL BE RECONSTRUCTED AS A PAVED ROUTE. APS 4-11-05
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-606-045

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.6	Segment Length	0.6
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 14 TO CSAH 18	Termini	TH 14 TO CSAH 18
380	Present AADT	380
2015	Year of Count	2015
1.1	Projection Factor	1.1
418	Projected Traffic	418
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1987	Latest Year SA funds	1987
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.6 * 3224471.48 / 60 * 25 * 1.15	$927,036
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.6 * 2904 * 49.33 / 15 * 25	$143,254
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.6 * 1553.18 / 60 * 25	$388
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $927,036 + $143,254 + $388	$1,070,678

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-606-046

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 18 TO CSAH 60	Termini	CSAH 18 TO CSAH 60
380	Present AADT	380
2015	Year of Count	2015
1.1	Projection Factor	1.1
418	Projected Traffic	418
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1987	Latest Year SA funds	1987
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 872568.71 / 60 * 25 * 1.1	$559,898
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 2112 * 49.33 / 20 * 25	$182,324
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 13572.97 / 60 * 25	$7,918
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $559,898 + $182,324 + $7,918	$750,140

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-606-047

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.8	Segment Length	1.8
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 60 TO TH 218	Termini	CSAH 60 TO TH 218
480	Present AADT	480
2015	Year of Count	2015
1.1	Projection Factor	1.1
528	Projected Traffic	528
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1986	Latest Year SA funds	1986
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.8 * 872568.71 / 60 * 25 * 1.1	$719,869
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.8 * 2112 * 49.33 / 20 * 25	$234,416
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.8 * 13572.97 / 60 * 25	$10,180
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $719,869 + $234,416 + $10,180	$964,465

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-606-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.7	Segment Length	1.7
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 218 TO JCT CO RD 57	Termini	TH 218 TO JCT CO RD 57
385	Present AADT	385
2015	Year of Count	2015
1.1	Projection Factor	1.1
424	Projected Traffic	424
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
92779	Structure Number	92779
5.26	Milepoint	5.26
1971	Year Built	1971
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
11.4	Culvert Width	11.4
7.3	Culvert Height	7.3
84	Culvert Length	84
63.99999662	Area of Waterway Opening	63.99999662
100%	Shared Structure	100%
STEEL ARCH PIPE	Comments	STEEL ARCH PIPE
1	Culvert Group Code	1

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380282P	USDOT Number	380282P
3.85	Located at Milepoint	3.85
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**1.7 * 872568.71 / 60 * 25 * 1.1**	**$679,876**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**1.7 * 2112 * 49.33 / 20 * 25**	**$221,393**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**1.7 * 13572.97 / 60 * 25**	**$9,614**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**84 * 63.99999662 * 16.61 / 100 * 25 * 1.15**	**$25,672**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**32 * 1350 / 25 * 25**	**$43,200**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert + RR Crossing Protection + RR Crossing Surface**	**$0 + $679,876 + $221,393 + $9,614 + $25,672 + $1,500 + $43,200**	**$981,255**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-606-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.4	Segment Length	3.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CR 57 TO 0.5 M W OF E CO LINE	Termini	CR 57 TO 0.5 M W OF E CO LINE
285	Present AADT	285
2015	Year of Count	2015
1.1	Projection Factor	1.1
314	Projected Traffic	314
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.4 * 872568.71 / 60 * 25 * 1.1	$1,359,753
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.4 * 2112 * 49.33 / 20 * 25	$442,786
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.4 * 13572.97 / 60 * 25	$19,228
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,359,753 + $442,786 + $19,228	$1,821,767

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-606-080

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.5 MI W TO E CO LINE	Termini	0.5 MI W TO E CO LINE
285	Present AADT	285
2015	Year of Count	2015
1.1	Projection Factor	1.1
314	Projected Traffic	314
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 872568.71 / 60 * 25 * 1.1	$199,964
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 49.33 / 20 * 25	$65,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 13572.97 / 60 * 25	$2,828
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $199,964 + $65,116 + $2,828	$267,908

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-607-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 21 TO 2.0 MILES NORTH	Termini	CSAH 21 TO 2.0 MILES NORTH
285	Present AADT	285
2015	Year of Count	2015
1.1	Projection Factor	1.1
314	Projected Traffic	314
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-607-021 RC/OL	Comments	2013 SAP 074-607-021 RC/OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-607-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.0 M N CSAH 21 TO CSAH 29	Termini	2.0 M N CSAH 21 TO CSAH 29
285	Present AADT	285
2015	Year of Count	2015
1.1	Projection Factor	1.1
314	Projected Traffic	314
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-607-021 RC/OL	Comments	2013 SAP 074-607-021 RC/OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-607-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4	Segment Length	4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 29 TO CSAH 32	Termini	CSAH 29 TO CSAH 32
590	Present AADT	590
2015	Year of Count	2015
1.1	Projection Factor	1.1
649	Projected Traffic	649
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
96793	Structure Number	96793
5.52	Milepoint	5.52
1990	Year Built	1990
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
7	Culvert Height	7
104	Culvert Length	104
82.00046659	Area of Waterway Opening	82.00046659
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
97199	Structure Number	97199
4.39	Milepoint	4.39
2000	Year Built	2000
Ditch	Feature Crossed	Ditch
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
54	Culvert Length	54
71.9997271	Area of Waterway Opening	71.9997271
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result

Signal Leg	**TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear**	**0 * 56250 / 40 * 25**	**$0**
Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**4 * 872568.71 / 60 * 25 * 1.1**	**$1,599,709**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**4 * 2112 * 49.33 / 20 * 25**	**$520,925**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**4 * 13572.97 / 60 * 25**	**$22,622**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**104 * 82.00046659 * 16.61 / 100 * 25 * 1.15**	**$40,725**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**54 * 71.9997271 * 16.61 / 100 * 25 * 1.15**	**$18,567**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert + Culvert**	**$0 + $1,599,709 + $520,925 + $22,622 + $40,725 + $18,567**	**$2,202,548**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-607-039

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.4	Segment Length	3.4
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 32 TO TOWNSHIP RD 14	Termini	CSAH 32 TO TOWNSHIP RD 14
820	Present AADT	820
2015	Year of Count	2015
1.1	Projection Factor	1.1
902	Projected Traffic	902
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2016	Latest Year SA funds	2016
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2016 SAP 074-607-022 CONCRETE PAVING, SA FUNDS TO SW 51ST	Comments	2016 SAP 074-607-022 CONCRETE PAVING, SA FUNDS TO SW 51ST
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
96808	Structure Number	96808
9.291	Milepoint	9.291
1990	Year Built	1990
CO DITCH # 5	Feature Crossed	CO DITCH # 5
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
7	Culvert Height	7
88	Culvert Length	88
67.99986186	Area of Waterway Opening	67.99986186
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.4 * 872568.71 / 60 * 25 * 1.1	$1,359,753
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.4 * 2112 * 49.33 / 20 * 25	$442,786
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.4 * 13572.97 / 60 * 25	$19,228
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	88 * 67.99986186 * 16.61 / 100 * 25 * 1.15	$28,576

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,359,753 + $442,786 + $19,228 + $28,576**	**$1,850,343**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-607-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.9	Segment Length	2.9
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TOWNSHIP RD 14 TO CSAH 18	Termini	TOWNSHIP RD 14 TO CSAH 18
1150	Present AADT	1150
2015	Year of Count	2015
1.1	Projection Factor	1.1
1265	Projected Traffic	1265
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1989	Latest Year SA funds	1989
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2016 SAP 074-607-020 CONCRETE PAVING, LOCAL FUNDS	Comments	2016 SAP 074-607-020 CONCRETE PAVING, LOCAL FUNDS
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
96710	Structure Number	96710
14.04	Milepoint	14.04
1989	Year Built	1989
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
82	Culvert Length	82
69.99979448	Area of Waterway Opening	69.99979448
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.9 * 872568.71 / 60 * 25 * 1.1	$1,159,789
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.9 * 2112 * 49.33 / 20 * 25	$377,670
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.9 * 13572.97 / 60 * 25	$16,401
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	82 * 69.99979448 * 16.61 / 100 * 25 * 1.15	$27,411

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,159,789 + $377,670 + $16,401 + $27,411**	**$1,581,271**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-607-080

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
DESIG. NON-EXIST	Existing Surface Type	DESIG. NON-EXIST
	Existing Surface Lanes	
	Existing Lane Description	
CSAH 18 TO SW 18TH STREET	Termini	CSAH 18 TO SW 18TH STREET
0	Present AADT	0
0	Year of Count	0
1.1	Projection Factor	1.1
0	Projected Traffic	0
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
	Latest Year SA funds	
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
THIS SEGMENT OF THE WEST BELTLINE IS SCHEDULED FOR CONSTRUCTION IN 2010 WITH FEDERAL AND LOCAL FUNDS.	Comments	THIS SEGMENT OF THE WEST BELTLINE IS SCHEDULED FOR CONSTRUCTION IN 2010 WITH FEDERAL AND LOCAL FUNDS.
SYSTEM REVISION - COMMISSIONER'S ORDER 88885.		SYSTEM REVISION - COMMISSIONER'S ORDER 88885.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Non-Existing Segment	If ExistingSurfaceType is DESIG. NON-EXIST, result is zero		$0
Total Segment Cost	Non-Existing Segment	$0	$0

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-607-085

Original		Current
OWATONNA	Municipality	OWATONNA
1.3	Segment Length	1.3
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
DIVIDED	Existing Lane Description	DIVIDED
SW 18TH ST TO S. LIM OWATONNA	Termini	SW 18TH ST TO S. LIM OWATONNA
0	Present AADT	0
0	Year of Count	0
1.1	Projection Factor	1.1
20900	Projected Traffic	20900
RURAL	Design Type	RURAL
4 - RURAL : 7000 - 999999	Design Group	4 (RURAL : 7000 - 999999)
2010	Latest Year SA funds	2010
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SYSTEM REVISION - COMMISSIONER'S ORDER 88885.	Comments	SYSTEM REVISION - COMMISSIONER'S ORDER 88885.
2010 GRADING, SP 74-607-15		2010 GRADING, SP 74-607-15
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.3 * 2538807.18 / 60 * 25 * 1.1	$1,512,706
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.3 * 3564 * 49.33 / 20 * 25	$285,695
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.3 * 265212.4 / 60 * 25	$143,657
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,512,706 + $285,695 + $143,657	$1,942,058

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-607-090

Original		Current
OWATONNA	Municipality	OWATONNA
0.5	Segment Length	0.5
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
DIVIDED	Existing Lane Description	DIVIDED
S LIM. OWATONNA TO PARK DRIVE	Termini	S LIM. OWATONNA TO PARK DRIVE
0	Present AADT	0
0	Year of Count	0
1.1	Projection Factor	1.1
20900	Projected Traffic	20900
RURAL	Design Type	RURAL
4 - RURAL : 7000 - 999999	Design Group	4 (RURAL : 7000 - 999999)
2010	Latest Year SA funds	2010
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SYSTEM REVISION - COMMISSIONER'S ORDER 88885.	Comments	SYSTEM REVISION - COMMISSIONER'S ORDER 88885.
2010 GRADING, SP 74-607-15		2010 GRADING, SP 74-607-15
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74551	Structure Number	74551
16.7	Milepoint	16.7
2011	Year Built	2011
Railroad	Feature Crossed	Railroad
HWY / R.R.	Type of Service	HWY / R.R.
1	Number of Spans	1
90	Bridge Length	90
72	Bridge Width	72
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 2538807.18 / 60 * 25 * 1.1	$581,810
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 3564 * 49.33 / 20 * 25	$109,883
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 265212.4 / 60 * 25	$55,253
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	90 * 72 * 163 / 80 * 25 * 1.15	$379,586

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$0 + $581,810 + $109,883 + $55,253 + $379,586**	**$1,126,532**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-607-100

Original		Current
OWATONNA	Municipality	OWATONNA
0.2	Segment Length	0.2
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
DIVIDED	Existing Lane Description	DIVIDED
PARK DRIVE TO OLD TH 14	Termini	PARK DRIVE TO OLD TH 14
0	Present AADT	0
0	Year of Count	0
1.1	Projection Factor	1.1
20900	Projected Traffic	20900
RURAL	Design Type	RURAL
4 - RURAL : 7000 - 999999	Design Group	4 (RURAL : 7000 - 999999)
2010	Latest Year SA funds	2010
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SYSTEM REVISION - COMMISSIONER'S ORDER 88885.	Comments	SYSTEM REVISION - COMMISSIONER'S ORDER 88885.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 2538807.18 / 60 * 25 * 1.1	$232,724
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 3564 * 49.33 / 20 * 25	$43,953
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 265212.4 / 60 * 25	$22,101
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $232,724 + $43,953 + $22,101	$298,778

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-607-110

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
DESIG. NON-EXIST	Existing Surface Type	DESIG. NON-EXIST
	Existing Surface Lanes	
	Existing Lane Description	
EXISTING TH 14 TO CSAH 34 (26TH ST.)	Termini	EXISTING TH 14 TO CSAH 34 (26TH ST.)
0	Present AADT	0
0	Year of Count	0
1.1	Projection Factor	1.1
0	Projected Traffic	0
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
	Latest Year SA funds	
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SYSTEM REVISION - COMMISSIONER'S ORDER 88885.	Comments	SYSTEM REVISION - COMMISSIONER'S ORDER 88885.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Non-Existing Segment	If ExistingSurfaceType is DESIG. NON-EXIST, result is zero		$0
Total Segment Cost	Non-Existing Segment	$0	$0

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-608-030

Original		Current
OWATONNA	Municipality	OWATONNA
0.38	Segment Length	0.38
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 35 TO CSAH 34	Termini	CSAH 35 TO CSAH 34
1750	Present AADT	1750
2015	Year of Count	2015
1.1	Projection Factor	1.1
1925	Projected Traffic	1925
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.38 * 1210468.28 / 60 * 25 * 1.1	$210,823
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.38 * 2376 * 49.33 / 20 * 25	$55,674
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.38 * 22935.36 / 60 * 25	$3,631
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $210,823 + $55,674 + $3,631	$270,128

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-608-040

Original		Current
OWATONNA	Municipality	OWATONNA
0.4	Segment Length	0.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
E LIM OWATONNA TO 0.40 MI E OF E LIMITS	Termini	E LIM OWATONNA TO 0.40 MI E OF E LIMITS
1100	Present AADT	1100
2015	Year of Count	2015
1.1	Projection Factor	1.1
1210	Projected Traffic	1210
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1997	Latest Year SA funds	1997
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 872568.71 / 60 * 25 * 1.1	$159,971
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2112 * 49.33 / 20 * 25	$52,092
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 13572.97 / 60 * 25	$2,262
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $159,971 + $52,092 + $2,262	$214,325

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-608-045

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4.9	Segment Length	4.9
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.40 MI E OF E LIM OWATONNA TO CSAH 12	Termini	0.40 MI E OF E LIM OWATONNA TO CSAH 12
1100	Present AADT	1100
2015	Year of Count	2015
1.1	Projection Factor	1.1
1210	Projected Traffic	1210
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1997	Latest Year SA funds	1997
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
96795	Structure Number	96795
3.69	Milepoint	3.69
1990	Year Built	1990
MEDFORD CREEK	Feature Crossed	MEDFORD CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
70	Culvert Length	70
94.00006231	Area of Waterway Opening	94.00006231
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.9 * 872568.71 / 60 * 25 * 1.1	$1,959,644
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.9 * 2112 * 49.33 / 20 * 25	$638,133
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.9 * 13572.97 / 60 * 25	$27,711
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	70 * 94.00006231 * 16.61 / 100 * 25 * 1.15	$31,422

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,959,644 + $638,133 + $27,711 + $31,422**	**$2,656,910**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-609-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.5	Segment Length	2.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 17 TO NORTH JCT CSAH 23	Termini	CSAH 17 TO NORTH JCT CSAH 23
420	Present AADT	420
2015	Year of Count	2015
1.1	Projection Factor	1.1
462	Projected Traffic	462
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2012	Latest Year SA funds	2012
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2012 SAP 074-609-016 BR# 74554 REPLACES 74512	Comments	2012 SAP 074-609-016 BR# 74554 REPLACES 74512
2012 SAP 074-609-018 OL		2012 SAP 074-609-018 OL
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74554	Structure Number	74554
2.07	Milepoint	2.07
2012	Year Built	2012
CRANE CREEK	Feature Crossed	CRANE CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
107.7	Bridge Length	107.7
35.3	Bridge Width	35.3
100%	Shared Structure	100%
2012 SAP 074-609-016 BR# 74554 REPLACES 74512	Comments	2012 SAP 074-609-016 BR# 74554 REPLACES 74512
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.5 * 872568.71 / 60 * 25 * 1.1	$999,818
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.5 * 2112 * 49.33 / 20 * 25	$325,578
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.5 * 13572.97 / 60 * 25	$14,139
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	107.7 * 35.3 * 163 / 80 * 25 * 1.15	$222,703

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$0 + $999,818 + $325,578 + $14,139 + $222,703**	**$1,562,238**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-609-025

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.1	Segment Length	0.1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
NORTH JCT CSAH 23 TO 0.10 MI SOUTH	Termini	NORTH JCT CSAH 23 TO 0.10 MI SOUTH
2250	Present AADT	2250
2015	Year of Count	2015
1.1	Projection Factor	1.1
2475	Projected Traffic	2475
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1996	Latest Year SA funds	1996
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 1210468.28 / 60 * 25 * 1.1	$55,480
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2376 * 49.33 / 20 * 25	$14,651
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 22935.36 / 60 * 25	$956
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $55,480 + $14,651 + $956	$71,087

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-609-030

Original		Current
OWATONNA	Municipality	OWATONNA
0.4	Segment Length	0.4
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.10 MI SOUTH OF NORTH JCT CSAH 23 TO SOUTH JCT CSAH 23	Termini	0.10 MI SOUTH OF NORTH JCT CSAH 23 TO SOUTH JCT CSAH 23
2250	Present AADT	2250
2015	Year of Count	2015
1.1	Projection Factor	1.1
2475	Projected Traffic	2475
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1996	Latest Year SA funds	1996
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 1210468.28 / 60 * 25 * 1.1	$221,919
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2376 * 49.33 / 20 * 25	$58,604
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 22935.36 / 60 * 25	$3,823
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $221,919 + $58,604 + $3,823	$284,346

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-609-033

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.2	Segment Length	0.2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
SOUTH JCT CSAH 23 TO FAI 35	Termini	SOUTH JCT CSAH 23 TO FAI 35
2250	Present AADT	2250
2015	Year of Count	2015
1.1	Projection Factor	1.1
2475	Projected Traffic	2475
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 1210468.28 / 60 * 25 * 1.1	$110,960
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2376 * 49.33 / 20 * 25	$29,302
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 22935.36 / 60 * 25	$1,911
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $110,960 + $29,302 + $1,911	$142,173

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-609-035

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.2	Segment Length	0.2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FAI 35 TO CSAH 45	Termini	FAI 35 TO CSAH 45
2250	Present AADT	2250
2015	Year of Count	2015
1.1	Projection Factor	1.1
2475	Projected Traffic	2475
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 1210468.28 / 60 * 25 * 1.1	$110,960
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2376 * 49.33 / 20 * 25	$29,302
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 22935.36 / 60 * 25	$1,911
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $110,960 + $29,302 + $1,911	$142,173

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-609-037

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.2	Segment Length	1.2
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 45 TO CSAH 1	Termini	CSAH 45 TO CSAH 1
190	Present AADT	190
2015	Year of Count	2015
1.1	Projection Factor	1.1
209	Projected Traffic	209
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
	Latest Year SA funds	
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
COUNTY ROAD ADDED TO CSAH SYSTEM IN 2008 TO COMPLETE THE LINK FROM CSAH 45 TO CSAH 1. SEGMENT WILL NEED REALIGNMENT.	Comments	COUNTY ROAD ADDED TO CSAH SYSTEM IN 2008 TO COMPLETE THE LINK FROM CSAH 45 TO CSAH 1. SEGMENT WILL NEED REALIGNMENT.
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
380309W	USDOT Number	380309W
3.9	Located at Milepoint	3.9
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
30	Crossing Length	30
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
876359Y	USDOT Number	876359Y
4	Located at Milepoint	4
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result

Signal Leg	**TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear**	**0 * 56250 / 40 * 25**	**$0**
Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**1.2 * 872568.71 / 60 * 25 * 1.1**	**$479,913**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**1.2 * 2112 * 49.33 / 20 * 25**	**$156,277**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**1.2 * 13572.97 / 60 * 25**	**$6,786**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**30 * 1350 / 25 * 25**	**$40,500**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**32 * 1350 / 25 * 25**	**$43,200**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface + RR Crossing Protection + RR Crossing Surface**	**$0 + $479,913 + $156,277 + $6,786 + $1,500 + $40,500 + $1,500 + $43,200**	**$729,676**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-609-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 1 TO CSAH 34	Termini	CSAH 1 TO CSAH 34
370	Present AADT	370
2015	Year of Count	2015
1.1	Projection Factor	1.1
407	Projected Traffic	407
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2012	Latest Year SA funds	2012
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2012 SAP 074-609-017 OL	Comments	2012 SAP 074-609-017 OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-609-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 34 TO CSAH 8	Termini	CSAH 34 TO CSAH 8
255	Present AADT	255
2015	Year of Count	2015
1.1	Projection Factor	1.1
281	Projected Traffic	281
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1997	Latest Year SA funds	1997
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
96794	Structure Number	96794
7.095	Milepoint	7.095
1995	Year Built	1995
MEDFORD CREEK	Feature Crossed	MEDFORD CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
12	Culvert Width	12
7	Culvert Height	7
58	Culvert Length	58
167.99972203	Area of Waterway Opening	167.99972203
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	58 * 167.99972203 * 16.61 / 100 * 25 * 1.15	$46,531
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $799,855 + $260,462 + $11,311 + $46,531	$1,118,159

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-610-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.5	Segment Length	2.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 12 TO N CO LINE	Termini	CSAH 12 TO N CO LINE
425	Present AADT	425
2015	Year of Count	2015
1.1	Projection Factor	1.1
468	Projected Traffic	468
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2015	Latest Year SA funds	2015
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2015 SAP 074-610-003 RC&OL	Comments	2015 SAP 074-610-003 RC&OL
2014 SAP 074-610-002 SMALL CULVERTS REPLACED		2014 SAP 074-610-002 SMALL CULVERTS REPLACED
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.5 * 872568.71 / 60 * 25 * 1.1	$999,818
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.5 * 2112 * 49.33 / 20 * 25	$325,578
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.5 * 13572.97 / 60 * 25	$14,139
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $999,818 + $325,578 + $14,139	$1,339,535

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-611-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.2	Segment Length	0.2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CR 64 TO CSAH 23	Termini	CR 64 TO CSAH 23
640	Present AADT	640
2015	Year of Count	2015
1.1	Projection Factor	1.1
704	Projected Traffic	704
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2003	Latest Year SA funds	2003
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
BITUMINOUS PAVEMENT RECLAMATION, 2" 2350 NON-WEAR, 2" 2350 WEAR, PAVED SHOULDERS (SAP 74-611-07, LET 4-22-03 APS)	Comments	BITUMINOUS PAVEMENT RECLAMATION, 2" 2350 NON-WEAR, 2" 2350 WEAR, PAVED SHOULDERS (SAP 74-611-07, LET 4-22-03 APS)
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 872568.71 / 60 * 25 * 1.1	$79,985
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2112 * 49.33 / 20 * 25	$26,046
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 13572.97 / 60 * 25	$1,131
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $79,985 + $26,046 + $1,131	$107,162

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-611-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.1	Segment Length	1.1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 23 TO N CO LINE	Termini	CSAH 23 TO N CO LINE
640	Present AADT	640
2015	Year of Count	2015
1.1	Projection Factor	1.1
704	Projected Traffic	704
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-611-009 RC&OL	Comments	2017 SAP 074-611-009 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.1 * 872568.71 / 60 * 25 * 1.1	$439,920
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.1 * 2112 * 49.33 / 20 * 25	$143,254
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.1 * 13572.97 / 60 * 25	$6,221
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $439,920 + $143,254 + $6,221	$589,395

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.3	Segment Length	2.3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 17 TO SERVICE ROAD I 35	Termini	CSAH 17 TO SERVICE ROAD I 35
1550	Present AADT	1550
2015	Year of Count	2015
1.1	Projection Factor	1.1
1705	Projected Traffic	1705
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1983	Latest Year SA funds	1983
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.3 * 1210468.28 / 60 * 25 * 1.1	$1,276,035
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.3 * 2376 * 49.33 / 20 * 25	$336,973
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.3 * 22935.36 / 60 * 25	$21,980
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,276,035 + $336,973 + $21,980	$1,634,988

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-031

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.3	Segment Length	0.3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
ON SERVICE ROAD OF FAI 35 NORTH TO CSAH 23	Termini	ON SERVICE ROAD OF FAI 35 NORTH TO CSAH 23
3950	Present AADT	3950
2015	Year of Count	2015
1.1	Projection Factor	1.1
4345	Projected Traffic	4345
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2005	Latest Year SA funds	2005
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SAP 74-612-31 CONCRETE MEDIANS AND SURFACING, LET 4-7-05, APS.	Comments	SAP 74-612-31 CONCRETE MEDIANS AND SURFACING, LET 4-7-05, APS.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 1210468.28 / 60 * 25 * 1.1	$166,439
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2376 * 49.33 / 20 * 25	$43,953
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 22935.36 / 60 * 25	$2,867
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $166,439 + $43,953 + $2,867	$213,259

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.3	Segment Length	0.3
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 23 TO W LIM MEDFORD	Termini	CSAH 23 TO W LIM MEDFORD
3950	Present AADT	3950
2015	Year of Count	2015
1.1	Projection Factor	1.1
4345	Projected Traffic	4345
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1959	Latest Year SA funds	1959
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
CONSTRUCTED UNDER SP7480-98 (TH 35), LET 2-22-02 (ROUNDABOUT PROJECT). WAS NOT PREVIOUSLY REPORTED. APS ROUNDABOUT IMPROVEMENT AND MILL & OVERLAY PROJECT COMPLETED BY MNDOT IN 2014.	Comments	CONSTRUCTED UNDER SP7480-98 (TH 35), LET 2-22-02 (ROUNDABOUT PROJECT). WAS NOT PREVIOUSLY REPORTED. APS ROUNDABOUT IMPROVEMENT AND MILL & OVERLAY PROJECT COMPLETED BY MNDOT IN 2014.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 3224471.48 / 60 * 25 * 1.15	$463,518
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2904 * 49.33 / 15 * 25	$71,627
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 1553.18 / 60 * 25	$194
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $463,518 + $71,627 + $194	$535,339

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-045

Original		Current
MEDFORD	Municipality	MEDFORD
0.04	Segment Length	0.04
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W LIM MEDFORD TO 0.04 M E	Termini	W LIM MEDFORD TO 0.04 M E
3950	Present AADT	3950
2015	Year of Count	2015
1.1	Projection Factor	1.1
4345	Projected Traffic	4345
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-612-039 BRIDGE REPLACEMENT #74556	Comments	2014 SAP 074-612-039 BRIDGE REPLACEMENT #74556
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74556	Structure Number	74556
3.062	Milepoint	3.062
2014	Year Built	2014
STRAIGHT RIVER	Feature Crossed	STRAIGHT RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
227.135	Bridge Length	227.135
52.333	Bridge Width	52.333
100%	Shared Structure	100%
2014 SAP 074-612-039 BRIDGE REPLACEMENT #74556	Comments	2014 SAP 074-612-039 BRIDGE REPLACEMENT #74556
BRIDGE REPLACEMENT (SAP 074-612-039) COMPLETED AS JOINT PROJECT WITH ROADWAY RECONSTRUCTION (SAP 074-612-040)		BRIDGE REPLACEMENT (SAP 074-612-039) COMPLETED AS JOINT PROJECT WITH ROADWAY RECONSTRUCTION (SAP 074-612-040)
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.04 * 3224471.48 / 60 * 25 * 1.15	$61,802
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.04 * 2904 * 49.33 / 15 * 25	$9,550
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.04 * 1553.18 / 60 * 25	$26

Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**227.135 * 52.333 * 147 / 80 * 25 * 1.15**	**$627,950**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$0 + $61,802 + $9,550 + $26 + $627,950**	**$699,328**

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	STEELE	Segment Nbr : 074-612-050

Original		Current
MEDFORD	Municipality	MEDFORD
0.11	Segment Length	0.11
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.04 M E OF WEST LIMITS MEDFORD TO 4TH STREET	Termini	0.04 M E OF WEST LIMITS MEDFORD TO 4TH STREET
3950	Present AADT	3950
2015	Year of Count	2015
1.1	Projection Factor	1.1
4345	Projected Traffic	4345
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-612-040 RECONST	Comments	2014 SAP 074-612-040 RECONST
ROADWAY RECONSTRUCTION PROJECT (SAP 074-612-040) COMPLETED IN 2014		ROADWAY RECONSTRUCTION PROJECT (SAP 074-612-040) COMPLETED IN 2014
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.11 * 3224471.48 / 60 * 25 * 1.15	$169,957
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.11 * 2904 * 49.33 / 15 * 25	$26,263
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.11 * 1553.18 / 60 * 25	$71
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $169,957 + $26,263 + $71	$196,291

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-051

Original		Current
MEDFORD	Municipality	MEDFORD
0.25	Segment Length	0.25
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
4TH ST TO CSAH 45	Termini	4TH ST TO CSAH 45
3950	Present AADT	3950
2015	Year of Count	2015
1.1	Projection Factor	1.1
4345	Projected Traffic	4345
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-612-040 RECONST	Comments	2014 SAP 074-612-040 RECONST
ROADWAY RECONSTRUCTION PROJECT (SAP 074-612-040) COMPLETED IN 2014		ROADWAY RECONSTRUCTION PROJECT (SAP 074-612-040) COMPLETED IN 2014
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.25 * 3224471.48 / 60 * 25 * 1.15	$386,265
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.25 * 2904 * 49.33 / 15 * 25	$59,689
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.25 * 1553.18 / 60 * 25	$162
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $386,265 + $59,689 + $162	$446,116

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	**STEELE**	**Segment Nbr : 074-612-060**

Original		Current
MEDFORD	Municipality	MEDFORD
0.03	Segment Length	0.03
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 45 TO SOO LINE RR	Termini	CSAH 45 TO SOO LINE RR
2400	Present AADT	2400
2015	Year of Count	2015
1.1	Projection Factor	1.1
2640	Projected Traffic	2640
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-612-040 RECONST	Comments	2014 SAP 074-612-040 RECONST
ROADWAY RECONSTRUCTION PROJECT (SAP 074-612-040) COMPLETED IN 2014		ROADWAY RECONSTRUCTION PROJECT (SAP 074-612-040) COMPLETED IN 2014
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.03 * 3224471.48 / 60 * 25 * 1.15	$46,352
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.03 * 2904 * 49.33 / 15 * 25	$7,163
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.03 * 1553.18 / 60 * 25	$19
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $46,352 + $7,163 + $19	$53,534

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-061

Original		Current
MEDFORD	Municipality	MEDFORD
0.37	Segment Length	0.37
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
SOO LINE RR TO 0.37 MI EAST	Termini	SOO LINE RR TO 0.37 MI EAST
2450	Present AADT	2450
2015	Year of Count	2015
1.1	Projection Factor	1.1
2695	Projected Traffic	2695
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1991	Latest Year SA funds	1991
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380314T	USDOT Number	380314T
3.33	Located at Milepoint	3.33
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
50	Crossing Length	50
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
876366J	USDOT Number	876366J
3.7	Located at Milepoint	3.7
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
2000	Last Year Protection Upgraded	2000
40	Crossing Length	40
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**0.37 * 3224471.48 / 60 * 25 * 1.15**	**$571,672**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**0.37 * 2904 * 49.33 / 15 * 25**	**$88,340**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**0.37 * 1553.18 / 60 * 25**	**$239**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**50 * 1350 / 25 * 25**	**$67,500**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**325000 / 25 * 25**	**$325,000**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**40 * 1350 / 25 * 25**	**$54,000**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface + RR Crossing Protection + RR Crossing Surface**	**$0 + $571,672 + $88,340 + $239 + $1,500 + $67,500 + $325,000 + $54,000**	**$1,108,251**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-065

Original		Current
MEDFORD	Municipality	MEDFORD
0.6	Segment Length	0.6
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.37 MI E OF SOO LINE RR TO EAST LIMITS MEDFORD	Termini	0.37 MI E OF SOO LINE RR TO EAST LIMITS MEDFORD
2450	Present AADT	2450
2015	Year of Count	2015
1.1	Projection Factor	1.1
2695	Projected Traffic	2695
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.6 * 1210468.28 / 60 * 25 * 1.1	$332,879
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.6 * 2376 * 49.33 / 20 * 25	$87,906
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.6 * 22935.36 / 60 * 25	$5,734
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $332,879 + $87,906 + $5,734	$426,519

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-070

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.6	Segment Length	1.6
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
EAST LIMITS MEDFORD TO CSAH 13	Termini	EAST LIMITS MEDFORD TO CSAH 13
2450	Present AADT	2450
2015	Year of Count	2015
1.1	Projection Factor	1.1
2695	Projected Traffic	2695
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74535	Structure Number	74535
4.732	Milepoint	4.732
1994	Year Built	1994
MEDFORD CREEK	Feature Crossed	MEDFORD CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
93.6	Bridge Length	93.6
47.3	Bridge Width	47.3
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.6 * 1210468.28 / 60 * 25 * 1.1	$887,677
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.6 * 2376 * 49.33 / 20 * 25	$234,416
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.6 * 22935.36 / 60 * 25	$15,290
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	93.6 * 47.3 * 163 / 80 * 25 * 1.15	$259,342
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $887,677 + $234,416 + $15,290 + $259,342	$1,396,725

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-080

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.1	Segment Length	3.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 13 TO CSAH 8	Termini	CSAH 13 TO CSAH 8
495	Present AADT	495
2015	Year of Count	2015
1.1	Projection Factor	1.1
545	Projected Traffic	545
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
	Latest Year SA funds	
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SAP 74-612-36 RECLAIM AND SURFACE, LET 4-6-06 APS.	Comments	SAP 74-612-36 RECLAIM AND SURFACE, LET 4-6-06 APS.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.1 * 872568.71 / 60 * 25 * 1.1	$1,239,775
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.1 * 2112 * 49.33 / 20 * 25	$403,717
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.1 * 13572.97 / 60 * 25	$17,532
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,239,775 + $403,717 + $17,532	$1,661,024

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-090

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4	Segment Length	4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 8 TO CSAH 10	Termini	CSAH 8 TO CSAH 10
640	Present AADT	640
2015	Year of Count	2015
1.1	Projection Factor	1.1
704	Projected Traffic	704
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1997	Latest Year SA funds	1997
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4 * 872568.71 / 60 * 25 * 1.1	$1,599,709
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 2112 * 49.33 / 20 * 25	$520,925
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 13572.97 / 60 * 25	$22,622
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,599,709 + $520,925 + $22,622	$2,143,256

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-612-100

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 10 TO E CO LINE	Termini	CSAH 10 TO E CO LINE
640	Present AADT	640
2015	Year of Count	2015
1.1	Projection Factor	1.1
704	Projected Traffic	704
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1997	Latest Year SA funds	1997
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-613-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.5	Segment Length	1.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 12 TO N CO LINE	Termini	CSAH 12 TO N CO LINE
780	Present AADT	780
2015	Year of Count	2015
1.1	Projection Factor	1.1
858	Projected Traffic	858
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-613-006 RC&OL	Comments	2014 SAP 074-613-006 RC&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
92566	Structure Number	92566
1.37	Milepoint	1.37
1969	Year Built	1969
RUSH CREEK	Feature Crossed	RUSH CREEK
	Type of Service	
1	Number of Barrels	1
19.3	Culvert Width	19.3
12.3	Culvert Height	12.3
78	Culvert Length	78
185.00022569	Area of Waterway Opening	185.00022569
100%	Shared Structure	100%
STEEL ARCH PIPE	Comments	STEEL ARCH PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 872568.71 / 60 * 25 * 1.1	$599,891
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 49.33 / 20 * 25	$195,347
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 13572.97 / 60 * 25	$8,483
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	78 * 185.00022569 * 16.61 / 100 * 25 * 1.15	$68,909
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $599,891 + $195,347 + $8,483 + $68,909	$872,630

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-613-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.6	Segment Length	3.6
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
ALONG N CO LINE TO 3.6 MI E	Termini	ALONG N CO LINE TO 3.6 MI E
780	Present AADT	780
2015	Year of Count	2015
1.1	Projection Factor	1.1
858	Projected Traffic	858
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1970	Latest Year SA funds	1970
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
74J01	Structure Number	74J01
2.1	Milepoint	2.1
1997	Year Built	1997
RUSH CREEK	Feature Crossed	RUSH CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
10	Culvert Width	10
10	Culvert Height	10
82	Culvert Length	82
199.99972034	Area of Waterway Opening	199.99972034
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
97936	Structure Number	97936
1.58	Milepoint	1.58
1995	Year Built	1995
RUSH CREEK	Feature Crossed	RUSH CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
10	Culvert Width	10
10	Culvert Height	10
74	Culvert Length	74
199.99972034	Area of Waterway Opening	199.99972034
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result

Signal Leg	**TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear**	**0 * 56250 / 40 * 25**	**$0**
Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**3.6 * 872568.71 / 60 * 25 * 1.1**	**$1,439,738**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**3.6 * 2112 * 49.33 / 20 * 25**	**$468,832**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**3.6 * 13572.97 / 60 * 25**	**$20,359**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**82 * 199.99972034 * 16.61 / 100 * 25 * 1.15**	**$78,316**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**74 * 199.99972034 * 16.61 / 100 * 25 * 1.15**	**$70,675**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert + Culvert**	**$0 + $1,439,738 + $468,832 + $20,359 + $78,316 + $70,675**	**$2,077,920**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-614-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.1	Segment Length	2.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
ALONG SO CO LINE	Termini	ALONG SO CO LINE
215	Present AADT	215
2015	Year of Count	2015
1.1	Projection Factor	1.1
237	Projected Traffic	237
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-614-033 RC&OL	Comments	2017 SAP 074-614-033 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.1 * 872568.71 / 60 * 25 * 1.1	$839,847
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.1 * 2112 * 49.33 / 20 * 25	$273,486
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.1 * 13572.97 / 60 * 25	$11,876
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $839,847 + $273,486 + $11,876	$1,125,209

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-614-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.2	Segment Length	1.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S CO LINE TO S LIMS ELLENDALE	Termini	S CO LINE TO S LIMS ELLENDALE
600	Present AADT	600
2015	Year of Count	2015
1.1	Projection Factor	1.1
660	Projected Traffic	660
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-614-033 RC&OL	Comments	2017 SAP 074-614-033 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.2 * 872568.71 / 60 * 25 * 1.1	$479,913
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.2 * 2112 * 49.33 / 20 * 25	$156,277
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.2 * 13572.97 / 60 * 25	$6,786
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $479,913 + $156,277 + $6,786	$642,976

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-614-030

Original		Current
ELLENDALE	Municipality	ELLENDALE
0.75	Segment Length	0.75
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
SO CITY LIM TO NO CITY LIM ELLENDALE	Termini	SO CITY LIM TO NO CITY LIM ELLENDALE
830	Present AADT	830
2015	Year of Count	2015
1.1	Projection Factor	1.1
913	Projected Traffic	913
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.75 * 872568.71 / 60 * 25 * 1.1	$299,945
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.75 * 2112 * 49.33 / 20 * 25	$97,673
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.75 * 13572.97 / 60 * 25	$4,242
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $299,945 + $97,673 + $4,242	$401,860

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-614-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4.4	Segment Length	4.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
N CITY LIMS ELLENDALE TO 0.5 MI. EAST OF CO RD 67	Termini	N CITY LIMS ELLENDALE TO 0.5 MI. EAST OF CO RD 67
830	Present AADT	830
2015	Year of Count	2015
1.1	Projection Factor	1.1
913	Projected Traffic	913
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1993	Latest Year SA funds	1993
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
97329	Structure Number	97329
5.82	Milepoint	5.82
1992	Year Built	1992
JUD DITCH # 2;LAT 2	Feature Crossed	JUD DITCH # 2;LAT 2
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
8	Culvert Width	8
8	Culvert Height	8
98	Culvert Length	98
124.000128	Area of Waterway Opening	124.000128
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.4 * 872568.71 / 60 * 25 * 1.1	$1,759,680
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.4 * 2112 * 49.33 / 20 * 25	$573,017
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.4 * 13572.97 / 60 * 25	$24,884
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	98 * 124.000128 * 16.61 / 100 * 25 * 1.15	$58,030

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,759,680 + $573,017 + $24,884 + $58,030**	**$2,415,611**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-614-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.5	Segment Length	2.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.5 MI. EAST OF CO RD 67 TO CSAH 4	Termini	0.5 MI. EAST OF CO RD 67 TO CSAH 4
690	Present AADT	690
2015	Year of Count	2015
1.1	Projection Factor	1.1
759	Projected Traffic	759
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2001	Latest Year SA funds	2001
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROAD SEGMENT WAS RECLAIMED AND OVERLAYED WITH 3.5 INCHES OF BITUMINOUS WITH STATE AID FUNDS IN 2001	Comments	ROAD SEGMENT WAS RECLAIMED AND OVERLAYED WITH 3.5 INCHES OF BITUMINOUS WITH STATE AID FUNDS IN 2001
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
876321C	USDOT Number	876321C
9.15	Located at Milepoint	9.15
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
1999	Last Year Protection Upgraded	1999
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.5 * 872568.71 / 60 * 25 * 1.1	$999,818
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.5 * 2112 * 49.33 / 20 * 25	$325,578
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.5 * 13572.97 / 60 * 25	$14,139
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	325000 / 25 * 25	$325,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $999,818 + $325,578 + $14,139 + $325,000 + $43,200**	**$1,707,735**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-615-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.4	Segment Length	2.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2 MI W CSAH 24 TO FREEBORN CO CSAH 37	Termini	2 MI W CSAH 24 TO FREEBORN CO CSAH 37
95	Present AADT	95
2015	Year of Count	2015
1.6	Projection Factor	1.6
152	Projected Traffic	152
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
95530	Structure Number	95530
1.16	Milepoint	1.16
1979	Year Built	1979
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
11.5	Culvert Width	11.5
7.25	Culvert Height	7.25
50	Culvert Length	50
65.99992924	Area of Waterway Opening	65.99992924
100%	Shared Structure	100%
PRECAST CONCRETE ARCH PIPE	Comments	PRECAST CONCRETE ARCH PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.4 * 872568.71 / 60 * 25 * 1.1	$959,826
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.4 * 2112 * 49.33 / 20 * 25	$312,555
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.4 * 13572.97 / 60 * 25	$13,573
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	50 * 65.99992924 * 16.61 / 100 * 25 * 1.15	$15,759

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $959,826 + $312,555 + $13,573 + $15,759**	**$1,301,713**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-615-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.4 MI E OF CSAH 24 TO 1.8 MI E OF CSAH 24	Termini	0.4 MI E OF CSAH 24 TO 1.8 MI E OF CSAH 24
560	Present AADT	560
2015	Year of Count	2015
1.1	Projection Factor	1.1
616	Projected Traffic	616
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 872568.71 / 60 * 25 * 1.1	$559,898
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 2112 * 49.33 / 20 * 25	$182,324
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 13572.97 / 60 * 25	$7,918
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $559,898 + $182,324 + $7,918	$750,140

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-615-025

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.6	Segment Length	0.6
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FROM 1.8 MI E OF CSAH 24 TO 2.4 MI E OF CSAH 24	Termini	FROM 1.8 MI E OF CSAH 24 TO 2.4 MI E OF CSAH 24
560	Present AADT	560
2015	Year of Count	2015
1.1	Projection Factor	1.1
616	Projected Traffic	616
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2001	Latest Year SA funds	2001
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROAD SEGMENT WAS GRADED AND BITUMINOUS SURFACING PLACED WITH STATE AID FUNDS IN 2001	Comments	ROAD SEGMENT WAS GRADED AND BITUMINOUS SURFACING PLACED WITH STATE AID FUNDS IN 2001
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.6 * 872568.71 / 60 * 25 * 1.1	$239,956
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.6 * 2112 * 49.33 / 20 * 25	$78,139
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.6 * 13572.97 / 60 * 25	$3,393
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $239,956 + $78,139 + $3,393	$321,488

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-615-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.4 MI E OF CSAH 24 TO W CITY LIM BLOOMING PRAIRIE	Termini	2.4 MI E OF CSAH 24 TO W CITY LIM BLOOMING PRAIRIE
560	Present AADT	560
2015	Year of Count	2015
1.1	Projection Factor	1.1
616	Projected Traffic	616
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 872568.71 / 60 * 25 * 1.1	$559,898
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 2112 * 49.33 / 20 * 25	$182,324
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 13572.97 / 60 * 25	$7,918
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $559,898 + $182,324 + $7,918	$750,140

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-615-040

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.33	Segment Length	0.33
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 46 (W CITY LIM) TO 4TH AVE SW	Termini	CSAH 46 (W CITY LIM) TO 4TH AVE SW
640	Present AADT	640
2015	Year of Count	2015
1.1	Projection Factor	1.1
704	Projected Traffic	704
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1996	Latest Year SA funds	1996
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.33 * 872568.71 / 60 * 25 * 1.1	$131,976
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.33 * 2112 * 49.33 / 20 * 25	$42,976
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.33 * 13572.97 / 60 * 25	$1,866
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $131,976 + $42,976 + $1,866	$176,818

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-615-050

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.3	Segment Length	0.3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
4TH AVE SW TO 1ST AVE SW	Termini	4TH AVE SW TO 1ST AVE SW
640	Present AADT	640
2015	Year of Count	2015
1.1	Projection Factor	1.1
704	Projected Traffic	704
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1981	Latest Year SA funds	1981
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 3224471.48 / 60 * 25 * 1.15	$463,518
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2904 * 49.33 / 15 * 25	$71,627
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 1553.18 / 60 * 25	$194
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $463,518 + $71,627 + $194	$535,339

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-615-060

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.48	Segment Length	0.48
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1ST AVE SW TO TH 218	Termini	1ST AVE SW TO TH 218
1050	Present AADT	1050
2015	Year of Count	2015
1.1	Projection Factor	1.1
1155	Projected Traffic	1155
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1981	Latest Year SA funds	1981
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.48 * 3224471.48 / 60 * 25 * 1.15	$741,628
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.48 * 2904 * 49.33 / 15 * 25	$114,603
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.48 * 1553.18 / 60 * 25	$311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $741,628 + $114,603 + $311	$856,542

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-615-070

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.26	Segment Length	0.26
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 218 TO DODGE CO LINE	Termini	TH 218 TO DODGE CO LINE
1050	Present AADT	1050
2015	Year of Count	2015
1.1	Projection Factor	1.1
1155	Projected Traffic	1155
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1983	Latest Year SA funds	1983
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380260P	USDOT Number	380260P
7	Located at Milepoint	7
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
46	Crossing Length	46
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.26 * 3224471.48 / 60 * 25 * 1.15	$401,715
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.26 * 2904 * 49.33 / 15 * 25	$62,077
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.26 * 1553.18 / 60 * 25	$168
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	46 * 1350 / 25 * 25	$62,100
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $401,715 + $62,077 + $168 + $1,500 + $62,100	$527,560

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-616-010

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.04	Segment Length	0.04
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 218 TO N LIM BLOOMING PRAIR	Termini	TH 218 TO N LIM BLOOMING PRAIR
415	Present AADT	415
2015	Year of Count	2015
1.1	Projection Factor	1.1
457	Projected Traffic	457
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380264S	USDOT Number	380264S
0.02	Located at Milepoint	0.02
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
32	Crossing Length	32
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.04 * 872568.71 / 60 * 25 * 1.1	$15,997
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.04 * 2112 * 49.33 / 20 * 25	$5,209
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.04 * 13572.97 / 60 * 25	$226
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $15,997 + $5,209 + $226 + $1,500 + $43,200	$66,132

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-616-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.5	Segment Length	3.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
N LIM BLOOMING PRAIRIE TO 1.0 MI S CSAH 4	Termini	N LIM BLOOMING PRAIRIE TO 1.0 MI S CSAH 4
415	Present AADT	415
2015	Year of Count	2015
1.1	Projection Factor	1.1
457	Projected Traffic	457
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
74J19	Structure Number	74J19
1.93	Milepoint	1.93
2011	Year Built	2011
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
4	Culvert Height	4
64	Culvert Length	64
39	Area of Waterway Opening	39
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.5 * 872568.71 / 60 * 25 * 1.1	$1,399,746
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.5 * 2112 * 49.33 / 20 * 25	$455,809
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.5 * 13572.97 / 60 * 25	$19,794
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	64 * 39 * 16.61 / 100 * 25 * 1.15	$11,919

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,399,746 + $455,809 + $19,794 + $11,919**	**$1,887,268**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-616-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.0 MI S OF CSAH 4 TO CSAH 4	Termini	1.0 MI S OF CSAH 4 TO CSAH 4
415	Present AADT	415
2015	Year of Count	2015
1.1	Projection Factor	1.1
457	Projected Traffic	457
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1965	Latest Year SA funds	1965
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-616-031

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 4 TO 1.0 MI N CSAH 4	Termini	CSAH 4 TO 1.0 MI N CSAH 4
325	Present AADT	325
2015	Year of Count	2015
1.1	Projection Factor	1.1
358	Projected Traffic	358
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1965	Latest Year SA funds	1965
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-616-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.5	Segment Length	3.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1 MI N OF CSAH 4 TO CSAH 6	Termini	1 MI N OF CSAH 4 TO CSAH 6
325	Present AADT	325
2015	Year of Count	2015
1.1	Projection Factor	1.1
358	Projected Traffic	358
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.5 * 872568.71 / 60 * 25 * 1.1	$1,399,746
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.5 * 2112 * 49.33 / 20 * 25	$455,809
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.5 * 13572.97 / 60 * 25	$19,794
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,399,746 + $455,809 + $19,794	$1,875,349

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-616-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 6 TO 1.0 MI N	Termini	CSAH 6 TO 1.0 MI N
185	Present AADT	185
2015	Year of Count	2015
1.1	Projection Factor	1.1
204	Projected Traffic	204
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1970	Latest Year SA funds	1970
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-616-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.0 MI N OF CSAH 6 TO TH 14	Termini	1.0 MI N OF CSAH 6 TO TH 14
185	Present AADT	185
2015	Year of Count	2015
1.1	Projection Factor	1.1
204	Projected Traffic	204
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
193372Y	USDOT Number	193372Y
12	Located at Milepoint	12
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $799,855 + $260,462 + $11,311 + $1,500 + $43,200	$1,116,328

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	STEELE	Segment Nbr : 074-617-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.8	Segment Length	2.8
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 7 TO TWO MILES SOUTH OF TH 14	Termini	CSAH 7 TO TWO MILES SOUTH OF TH 14
360	Present AADT	360
2015	Year of Count	2015
1.1	Projection Factor	1.1
396	Projected Traffic	396
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1990	Latest Year SA funds	1990
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
THE NORTH TWO MILES OF THE ORIGINAL SEGMENT WAS RECLAIMED AND OVERLAYED WITH BITUMINOUS IN 2001, REFER TO SEGMENT 015	Comments	THE NORTH TWO MILES OF THE ORIGINAL SEGMENT WAS RECLAIMED AND OVERLAYED WITH BITUMINOUS IN 2001, REFER TO SEGMENT 015
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.8 * 872568.71 / 60 * 25 * 1.1	$1,119,797
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.8 * 2112 * 49.33 / 20 * 25	$364,647
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.8 * 13572.97 / 60 * 25	$15,835
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,119,797 + $364,647 + $15,835	$1,500,279

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-617-015

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FROM TWO MILES SOUTH OF TH 14 TO TH 14	Termini	FROM TWO MILES SOUTH OF TH 14 TO TH 14
360	Present AADT	360
2015	Year of Count	2015
1.1	Projection Factor	1.1
396	Projected Traffic	396
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2001	Latest Year SA funds	2001
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROAD SEGMENT WAS RECLAIMED AND OVERLAYED WITH 3.5" OF BITUMINOUS WITH STATE AID FUNDS IN 2001	Comments	ROAD SEGMENT WAS RECLAIMED AND OVERLAYED WITH 3.5" OF BITUMINOUS WITH STATE AID FUNDS IN 2001
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74538	Structure Number	74538
4.73	Milepoint	4.73
1999	Year Built	1999
Crane Creek	Feature Crossed	Crane Creek
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
91	Bridge Length	91
38.5	Bridge Width	38.5
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
193394Y	USDOT Number	193394Y
3.6	Located at Milepoint	3.6
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
48	Crossing Length	48
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result

Signal Leg	**TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear**	**0 * 56250 / 40 * 25**	**$0**
Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**2 * 872568.71 / 60 * 25 * 1.1**	**$799,855**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**2 * 2112 * 49.33 / 20 * 25**	**$260,462**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**2 * 13572.97 / 60 * 25**	**$11,311**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**91 * 38.5 * 163 / 80 * 25 * 1.15**	**$205,228**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**48 * 1350 / 25 * 25**	**$64,800**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + RR Crossing Protection + RR Crossing Surface**	**$0 + $799,855 + $260,462 + $11,311 + $205,228 + $1,500 + $64,800**	**$1,343,156**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-617-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.5	Segment Length	3.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 14 TO CSAH 9	Termini	TH 14 TO CSAH 9
750	Present AADT	750
2015	Year of Count	2015
1.1	Projection Factor	1.1
825	Projected Traffic	825
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-617-013 M&OL 0.28N OF TH14 2012 SAP 074-617-012 M&OL	Comments	2013 SAP 074-617-013 M&OL 0.28N OF TH14 2012 SAP 074-617-012 M&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.5 * 872568.71 / 60 * 25 * 1.1	$1,399,746
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.5 * 2112 * 49.33 / 20 * 25	$455,809
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.5 * 13572.97 / 60 * 25	$19,794
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,399,746 + $455,809 + $19,794	$1,875,349

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-617-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.5	Segment Length	1.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 9 TO CSAH 12	Termini	CSAH 9 TO CSAH 12
330	Present AADT	330
2015	Year of Count	2015
1.1	Projection Factor	1.1
363	Projected Traffic	363
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2012	Latest Year SA funds	2012
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2012 SAP 074-617-012 M&OL	Comments	2012 SAP 074-617-012 M&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 872568.71 / 60 * 25 * 1.1	$599,891
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 49.33 / 20 * 25	$195,347
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 13572.97 / 60 * 25	$8,483
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $599,891 + $195,347 + $8,483	$803,721

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-617-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 12 TO CSAH 23	Termini	CSAH 12 TO CSAH 23
330	Present AADT	330
2015	Year of Count	2015
1.1	Projection Factor	1.1
363	Projected Traffic	363
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
	Latest Year SA funds	
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ADDED TO CSAH SYSTEM TO COMPLETE CONNECTION TO CSAH 23	Comments	ADDED TO CSAH SYSTEM TO COMPLETE CONNECTION TO CSAH 23
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CO RD 64 TO 1.0 MI S OF CSAH 12	Termini	CO RD 64 TO 1.0 MI S OF CSAH 12
425	Present AADT	425
2015	Year of Count	2015
1.1	Projection Factor	1.1
468	Projected Traffic	468
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-618-027 RC&OL	Comments	2017 SAP 074-618-027 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-011

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 12 TO 1.0 MI S	Termini	CSAH 12 TO 1.0 MI S
425	Present AADT	425
2015	Year of Count	2015
1.1	Projection Factor	1.1
468	Projected Traffic	468
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-618-027 RC&OL	Comments	2017 SAP 074-618-027 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3	Segment Length	3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W CO LINE TO OLD TH 14	Termini	W CO LINE TO OLD TH 14
275	Present AADT	275
2015	Year of Count	2015
1.1	Projection Factor	1.1
303	Projected Traffic	303
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000	Comments	ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
92567	Structure Number	92567
4.3	Milepoint	4.3
1968	Year Built	1968
CRANE CREEK	Feature Crossed	CRANE CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12.8	Culvert Width	12.8
8.3	Culvert Height	8.3
90	Culvert Length	90
85	Area of Waterway Opening	85
100%	Shared Structure	100%
STEEL PIPE ARCH	Comments	STEEL PIPE ARCH
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 872568.71 / 60 * 25 * 1.1	$1,199,782
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 49.33 / 20 * 25	$390,694
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 13572.97 / 60 * 25	$16,966
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	90 * 85 * 16.61 / 100 * 25 * 1.15	$36,532

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,199,782 + $390,694 + $16,966 + $36,532**	**$1,643,974**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.7	Segment Length	2.7
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
OLD TH 14 TO CSAH 33	Termini	OLD TH 14 TO CSAH 33
570	Present AADT	570
2015	Year of Count	2015
1.1	Projection Factor	1.1
627	Projected Traffic	627
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2012	Latest Year SA funds	2012
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2012 SAP 074-618-021 M&OL	Comments	2012 SAP 074-618-021 M&OL
ROADWAY SECTION RECLAIMED AND NEW SURFACING PLACED IN 2000		ROADWAY SECTION RECLAIMED AND NEW SURFACING PLACED IN 2000
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
193397U	USDOT Number	193397U
6.5	Located at Milepoint	6.5
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.7 * 872568.71 / 60 * 25 * 1.1	$1,079,804
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.7 * 2112 * 49.33 / 20 * 25	$351,624
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.7 * 13572.97 / 60 * 25	$15,270
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $1,079,804 + $351,624 + $15,270 + $1,500 + $43,200**	**$1,491,398**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 33 TO 1.0 MI E	Termini	CSAH 33 TO 1.0 MI E
470	Present AADT	470
2015	Year of Count	2015
1.1	Projection Factor	1.1
517	Projected Traffic	517
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1997	Latest Year SA funds	1997
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-045

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.0 MI E TO 2.0 MI E OF CSAH 33	Termini	1.0 MI E TO 2.0 MI E OF CSAH 33
710	Present AADT	710
2015	Year of Count	2015
1.1	Projection Factor	1.1
781	Projected Traffic	781
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1997	Latest Year SA funds	1997
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.0 MI E CSAH 33 TO CSAH 17	Termini	2.0 MI E CSAH 33 TO CSAH 17
710	Present AADT	710
2015	Year of Count	2015
1.1	Projection Factor	1.1
781	Projected Traffic	781
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1997	Latest Year SA funds	1997
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-051

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.5	Segment Length	1.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 17 TO CSAH 7	Termini	CSAH 17 TO CSAH 7
870	Present AADT	870
2015	Year of Count	2015
1.1	Projection Factor	1.1
957	Projected Traffic	957
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-618-025 RC/OL	Comments	2013 SAP 074-618-025 RC/OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 872568.71 / 60 * 25 * 1.1	$599,891
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 49.33 / 20 * 25	$195,347
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 13572.97 / 60 * 25	$8,483
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $599,891 + $195,347 + $8,483	$803,721

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-059

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.2	Segment Length	0.2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 7 TO 0.2 MI E	Termini	CSAH 7 TO 0.2 MI E
870	Present AADT	870
2015	Year of Count	2015
1.1	Projection Factor	1.1
957	Projected Traffic	957
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-618-026 RC/OL	Comments	2013 SAP 074-618-026 RC/OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 872568.71 / 60 * 25 * 1.1	$79,985
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2112 * 49.33 / 20 * 25	$26,046
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 13572.97 / 60 * 25	$1,131
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $79,985 + $26,046 + $1,131	$107,162

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.8	Segment Length	0.8
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.2 MI E OF CSAH 7 TO T-64	Termini	0.2 MI E OF CSAH 7 TO T-64
870	Present AADT	870
2015	Year of Count	2015
1.1	Projection Factor	1.1
957	Projected Traffic	957
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-618-026 RC/OL	Comments	2013 SAP 074-618-026 RC/OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.8 * 872568.71 / 60 * 25 * 1.1	$319,942
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.8 * 2112 * 49.33 / 20 * 25	$104,185
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.8 * 13572.97 / 60 * 25	$4,524
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $319,942 + $104,185 + $4,524	$428,651

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-061

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.5	Segment Length	1.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
T-64 TO CSAH 45	Termini	T-64 TO CSAH 45
1400	Present AADT	1400
2015	Year of Count	2015
1.1	Projection Factor	1.1
1540	Projected Traffic	1540
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-618-024 RC/OL E OF TH35	Comments	2013 SAP 074-618-024 RC/OL E OF TH35
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74510	Structure Number	74510
14.5	Milepoint	14.5
1966	Year Built	1966
STRAIGHT RIVER	Feature Crossed	STRAIGHT RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
91.4	Bridge Length	91.4
30.4	Bridge Width	30.4
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
876343C	USDOT Number	876343C
15.3	Located at Milepoint	15.3
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
2001	Last Year Protection Upgraded	2001
40	Crossing Length	40
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**1.5 * 1210468.28 / 60 * 25 * 1.1**	**$832,197**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**1.5 * 2376 * 49.33 / 20 * 25**	**$219,765**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**1.5 * 22935.36 / 60 * 25**	**$14,335**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**91.4 * 30.4 * 163 / 80 * 25 * 1.15**	**$162,763**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**325000 / 25 * 25**	**$325,000**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**40 * 1350 / 25 * 25**	**$54,000**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + RR Crossing Protection + RR Crossing Surface**	**$0 + $832,197 + $219,765 + $14,335 + $162,763 + $325,000 + $54,000**	**$1,608,060**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-070

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 45 TO CSAH 6	Termini	CSAH 45 TO CSAH 6
85	Present AADT	85
2015	Year of Count	2015
1.8	Projection Factor	1.8
153	Projected Traffic	153
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-618-023 OL	Comments	2013 SAP 074-618-023 OL
PART OF THE SOUTH BELT LINE		PART OF THE SOUTH BELT LINE
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-080

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.2	Segment Length	1.2
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 6 TO TH 218	Termini	CSAH 6 TO TH 218
85	Present AADT	85
2015	Year of Count	2015
1.1	Projection Factor	1.1
94	Projected Traffic	94
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
0	Latest Year SA funds	0
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
PART OF THE SOUTH BELTLINE	Comments	PART OF THE SOUTH BELTLINE
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.2 * 436284.36 / 60 * 25 * 1.1	$239,956
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.2 * 546 * 10.01 / 2 * 25	$81,982
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.2 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$239,956 + $81,982 + $0	$321,938

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-618-090

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.8	Segment Length	1.8
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 218 TO CSAH 43	Termini	TH 218 TO CSAH 43
160	Present AADT	160
2015	Year of Count	2015
1.1	Projection Factor	1.1
176	Projected Traffic	176
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
0	Latest Year SA funds	0
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
PART OF THE SOUTH BELTLINE CO 93231 CORRECT SEC#	Comments	PART OF THE SOUTH BELTLINE CO 93231 CORRECT SEC#
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380285K	USDOT Number	380285K
17.95	Located at Milepoint	17.95
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.8 * 872568.71 / 60 * 25 * 1.1	$719,869
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.8 * 2112 * 49.33 / 20 * 25	$234,416
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.8 * 13572.97 / 60 * 25	$10,180
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $719,869 + $234,416 + $10,180 + $1,500 + $43,200	$1,009,165

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-010

Original		Current
OWATONNA	Municipality	OWATONNA
0.08	Segment Length	0.08
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 45 TO NO OAK ST	Termini	CSAH 45 TO NO OAK ST
6500	Present AADT	6500
2015	Year of Count	2015
1.1	Projection Factor	1.1
7150	Projected Traffic	7150
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1966	Latest Year SA funds	1966
1	Number of Signal Legs	1
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74509	Structure Number	74509
0.03	Milepoint	0.03
1965	Year Built	1965
STRAIGHT RIVER	Feature Crossed	STRAIGHT RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
111.9	Bridge Length	111.9
51.8	Bridge Width	51.8
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.08 * 3224471.48 / 60 * 25 * 1.15	$123,605
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.08 * 2904 * 49.33 / 15 * 25	$19,101
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.08 * 1553.18 / 60 * 25	$52
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	111.9 * 51.8 * 163 / 80 * 25 * 1.15	$339,543
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$35,156 + $123,605 + $19,101 + $52 + $339,543	$517,457

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-020

Original		Current
OWATONNA	Municipality	OWATONNA
0.35	Segment Length	0.35
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
N OAK TO N GROVE ST OWATONNA	Termini	N OAK TO N GROVE ST OWATONNA
6500	Present AADT	6500
2015	Year of Count	2015
1.1	Projection Factor	1.1
7150	Projected Traffic	7150
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
2	Number of Signal Legs	2
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	2 * 56250 / 40 * 25	$70,313
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.35 * 3224471.48 / 60 * 25 * 1.15	$540,771
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.35 * 2904 * 49.33 / 15 * 25	$83,565
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.35 * 1553.18 / 60 * 25	$227
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$70,313 + $540,771 + $83,565 + $227	$694,876

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-030

Original		Current
OWATONNA	Municipality	OWATONNA
0.2	Segment Length	0.2
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
N GROVE ST TO PINE ST	Termini	N GROVE ST TO PINE ST
5400	Present AADT	5400
2015	Year of Count	2015
1.1	Projection Factor	1.1
5940	Projected Traffic	5940
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1978	Latest Year SA funds	1978
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 3224471.48 / 60 * 25 * 1.15	$309,012
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2904 * 49.33 / 15 * 25	$47,751
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 1553.18 / 60 * 25	$129
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $309,012 + $47,751 + $129	$356,892

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-031

Original		Current
OWATONNA	Municipality	OWATONNA
0.53	Segment Length	0.53
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
PINE ST TO WILLOW ST	Termini	PINE ST TO WILLOW ST
5400	Present AADT	5400
2015	Year of Count	2015
1.1	Projection Factor	1.1
5940	Projected Traffic	5940
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1978	Latest Year SA funds	1978
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
187033F	USDOT Number	187033F
0.67	Located at Milepoint	0.67
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
1999	Last Year Protection Upgraded	1999
160	Crossing Length	160
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.53 * 3224471.48 / 60 * 25 * 1.15	$818,881
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.53 * 2904 * 49.33 / 15 * 25	$126,541
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.53 * 1553.18 / 60 * 25	$343
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	325000 / 25 * 25	$325,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	160 * 1350 / 25 * 25	$216,000
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $818,881 + $126,541 + $343 + $325,000 + $216,000	$1,486,765

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-032

Original		Current
OWATONNA	Municipality	OWATONNA
0.52	Segment Length	0.52
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
WILLOW ST TO PARTRIDGE AV	Termini	WILLOW ST TO PARTRIDGE AV
4250	Present AADT	4250
2015	Year of Count	2015
1.1	Projection Factor	1.1
4675	Projected Traffic	4675
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2002	Latest Year SA funds	2002
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SEGMENT WAS RECONSTRUCTED UNDER PROJECT NO. SAP 74-619-17	Comments	SEGMENT WAS RECONSTRUCTED UNDER PROJECT NO. SAP 74-619-17
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.52 * 1210468.28 / 60 * 25 * 1.1	$288,495
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.52 * 2376 * 49.33 / 20 * 25	$76,185
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.52 * 22935.36 / 60 * 25	$4,969
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $288,495 + $76,185 + $4,969	$369,649

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-040

Original		Current
OWATONNA	Municipality	OWATONNA
0.3	Segment Length	0.3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
PARTRIDGE AVE TO 0.30 MILE EAST	Termini	PARTRIDGE AVE TO 0.30 MILE EAST
3250	Present AADT	3250
2015	Year of Count	2015
1.1	Projection Factor	1.1
3575	Projected Traffic	3575
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2001	Latest Year SA funds	2001
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROAD SEGMENT WAS RECLAIMED AND OVERLAYED WITH 3.5" OF BITUMINOUS WITH STATE AID FUNDS IN 2001	Comments	ROAD SEGMENT WAS RECLAIMED AND OVERLAYED WITH 3.5" OF BITUMINOUS WITH STATE AID FUNDS IN 2001
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 1210468.28 / 60 * 25 * 1.1	$166,439
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2376 * 49.33 / 20 * 25	$43,953
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 22935.36 / 60 * 25	$2,867
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $166,439 + $43,953 + $2,867	$213,259

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-042

Original		Current
OWATONNA	Municipality	OWATONNA
0.1	Segment Length	0.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.30 MI EAST OF PARTRIDGE AVE TO E LIM	Termini	0.30 MI EAST OF PARTRIDGE AVE TO E LIM
2150	Present AADT	2150
2015	Year of Count	2015
1.1	Projection Factor	1.1
2365	Projected Traffic	2365
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2001	Latest Year SA funds	2001
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROAD SEGMENT WAS RECLAIMED AND OVERLAYED WITH 3.5" OF BITUMINOUS WITH STATE AID FUNDS IN 2001	Comments	ROAD SEGMENT WAS RECLAIMED AND OVERLAYED WITH 3.5" OF BITUMINOUS WITH STATE AID FUNDS IN 2001
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 1210468.28 / 60 * 25 * 1.1	$55,480
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2376 * 49.33 / 20 * 25	$14,651
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 22935.36 / 60 * 25	$956
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $55,480 + $14,651 + $956	$71,087

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-043

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
E LIM OWATONNA TO CSAH 43	Termini	E LIM OWATONNA TO CSAH 43
2150	Present AADT	2150
2015	Year of Count	2015
1.1	Projection Factor	1.1
2365	Projected Traffic	2365
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2001	Latest Year SA funds	2001
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROAD SEGMENT WAS RECLAIMED AND OVERLAYED WITH 3.5" OF BITUMINOUS WITH STATE AID FUNDS IN 2001	Comments	ROAD SEGMENT WAS RECLAIMED AND OVERLAYED WITH 3.5" OF BITUMINOUS WITH STATE AID FUNDS IN 2001
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 1210468.28 / 60 * 25 * 1.1	$1,109,596
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2376 * 49.33 / 20 * 25	$293,020
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 22935.36 / 60 * 25	$19,113
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,109,596 + $293,020 + $19,113	$1,421,729

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-045

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.1	Segment Length	2.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 43 TO 2.10 MI E	Termini	CSAH 43 TO 2.10 MI E
840	Present AADT	840
2015	Year of Count	2015
1.1	Projection Factor	1.1
924	Projected Traffic	924
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2006	Latest Year SA funds	2006
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
RECLAMATION SURFACE AND BASE AND PAVING IN 2006 (SAP 74-619-19, APS)	Comments	RECLAMATION SURFACE AND BASE AND PAVING IN 2006 (SAP 74-619-19, APS)
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
95528	Structure Number	95528
5.29	Milepoint	5.29
1977	Year Built	1977
MAPLE CREEK	Feature Crossed	MAPLE CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
4	Number of Barrels	4
12.8	Culvert Width	12.8
8.1	Culvert Height	8.1
50	Culvert Length	50
326.99974727	Area of Waterway Opening	326.99974727
100%	Shared Structure	100%
PRECAST CONCRETE ARCH PIPE	Comments	PRECAST CONCRETE ARCH PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.1 * 872568.71 / 60 * 25 * 1.1	$839,847
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.1 * 2112 * 49.33 / 20 * 25	$273,486
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.1 * 13572.97 / 60 * 25	$11,876
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	50 * 326.99974727 * 16.61 / 100 * 25 * 1.15	$78,077

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $839,847 + $273,486 + $11,876 + $78,077**	**$1,203,286**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.6	Segment Length	2.6
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.1 MI E CSAH 43 TO RICE LAKE PARK ROAD	Termini	2.1 MI E CSAH 43 TO RICE LAKE PARK ROAD
650	Present AADT	650
2015	Year of Count	2015
1.1	Projection Factor	1.1
715	Projected Traffic	715
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2006	Latest Year SA funds	2006
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
BASE AND SURFACE RECLAMED AND PAVED IN 2006 (SAP 74-619-19 APS)	Comments	BASE AND SURFACE RECLAMED AND PAVED IN 2006 (SAP 74-619-19 APS)
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.6 * 872568.71 / 60 * 25 * 1.1	$1,039,811
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.6 * 2112 * 49.33 / 20 * 25	$338,601
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.6 * 13572.97 / 60 * 25	$14,704
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,039,811 + $338,601 + $14,704	$1,393,116

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-619-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
RICE LAKE ST PARK ROAD TO E CO LINE	Termini	RICE LAKE ST PARK ROAD TO E CO LINE
650	Present AADT	650
2015	Year of Count	2015
1.1	Projection Factor	1.1
715	Projected Traffic	715
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2006	Latest Year SA funds	2006
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
BASE AND SURFACE RECLAIMED AND PAVED IN 2006 (SAP 74-619-19 APS)	Comments	BASE AND SURFACE RECLAIMED AND PAVED IN 2006 (SAP 74-619-19 APS)
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-620-010

Original		Current
MEDFORD	Municipality	MEDFORD
0.25	Segment Length	0.25
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 12 TO CSAH 45	Termini	CSAH 12 TO CSAH 45
345	Present AADT	345
2015	Year of Count	2015
1.1	Projection Factor	1.1
380	Projected Traffic	380
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.25 * 3224471.48 / 60 * 25 * 1.15	$386,265
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.25 * 2904 * 49.33 / 15 * 25	$59,689
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.25 * 1553.18 / 60 * 25	$162
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $386,265 + $59,689 + $162	$446,116

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-621-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W CO LINE TO CSAH 7	Termini	W CO LINE TO CSAH 7
770	Present AADT	770
2015	Year of Count	2015
1.1	Projection Factor	1.1
847	Projected Traffic	847
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000	Comments	ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-621-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 7 TO CSAH 28	Termini	CSAH 7 TO CSAH 28
770	Present AADT	770
2015	Year of Count	2015
1.1	Projection Factor	1.1
847	Projected Traffic	847
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000	Comments	ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-621-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 28 TO CSAH 14	Termini	CSAH 28 TO CSAH 14
770	Present AADT	770
2015	Year of Count	2015
1.1	Projection Factor	1.1
847	Projected Traffic	847
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000	Comments	ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-622-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.1	Segment Length	1.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 9 TO 1.10 MI. NORTH	Termini	CSAH 9 TO 1.10 MI. NORTH
110	Present AADT	110
2015	Year of Count	2015
1.6	Projection Factor	1.6
176	Projected Traffic	176
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
8911X	Structure Number	8911X
	Milepoint	
1958	Year Built	1958
CRANE CREEK	Feature Crossed	CRANE CREEK
	Type of Service	
3	Number of Barrels	3
	Culvert Width	
	Culvert Height	
350	Culvert Length	350
504.00024248	Area of Waterway Opening	504.00024248
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.1 * 872568.71 / 60 * 25 * 1.1	$439,920
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.1 * 2112 * 49.33 / 20 * 25	$143,254
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.1 * 13572.97 / 60 * 25	$6,221
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	350 * 504.00024248 * 16.61 / 100 * 25 * 1.15	$842,377

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $439,920 + $143,254 + $6,221 + $842,377**	**$1,431,772**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-622-011

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.10 MI. NORTH OF CSAH 9 TO CSAH 12	Termini	1.10 MI. NORTH OF CSAH 9 TO CSAH 12
110	Present AADT	110
2015	Year of Count	2015
1.6	Projection Factor	1.6
176	Projected Traffic	176
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 872568.71 / 60 * 25 * 1.1	$559,898
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 2112 * 49.33 / 20 * 25	$182,324
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 13572.97 / 60 * 25	$7,918
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $559,898 + $182,324 + $7,918	$750,140

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-623-003

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 18 TO 1 MILE EAST	Termini	CSAH 18 TO 1 MILE EAST
930	Present AADT	930
2015	Year of Count	2015
1.1	Projection Factor	1.1
1023	Projected Traffic	1023
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
	Latest Year SA funds	
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ADDED TO SYSTEM TO COMPLETE REGIONAL CONNECTION TO WASECA COUNTY SYSTEM.	Comments	ADDED TO SYSTEM TO COMPLETE REGIONAL CONNECTION TO WASECA COUNTY SYSTEM.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-623-006

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.2	Segment Length	2.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1 MILE EAST OF CSAH 18 TO CSAH 11	Termini	1 MILE EAST OF CSAH 18 TO CSAH 11
930	Present AADT	930
2015	Year of Count	2015
1.1	Projection Factor	1.1
1023	Projected Traffic	1023
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
	Latest Year SA funds	
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ADDED TO CSAH SYSTEM TO COMPLETE A DIRECT CONNECTION TO WASECA COUNTY REGIONAL CONNECTION	Comments	ADDED TO CSAH SYSTEM TO COMPLETE A DIRECT CONNECTION TO WASECA COUNTY REGIONAL CONNECTION
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.2 * 872568.71 / 60 * 25 * 1.1	$879,840
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.2 * 2112 * 49.33 / 20 * 25	$286,509
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.2 * 13572.97 / 60 * 25	$12,442
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $879,840 + $286,509 + $12,442	$1,178,791

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-623-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.7	Segment Length	1.7
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 11 TO 1.7 MI E	Termini	CSAH 11 TO 1.7 MI E
1000	Present AADT	1000
2015	Year of Count	2015
1.1	Projection Factor	1.1
1100	Projected Traffic	1100
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2003	Latest Year SA funds	2003
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
BITUMINOUS PAVEMENT RECLAMATION, 2" 2350 NON-WEAR, 2" 2350 WEAR, PAVED SHOULDERS (SAP 74-623-10, LET 4-22-03 APS)	Comments	BITUMINOUS PAVEMENT RECLAMATION, 2" 2350 NON-WEAR, 2" 2350 WEAR, PAVED SHOULDERS (SAP 74-623-10, LET 4-22-03 APS)
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
95377	Structure Number	95377
4.625	Milepoint	4.625
1980	Year Built	1980
JUD DITCH # 6	Feature Crossed	JUD DITCH # 6
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
11.5	Culvert Width	11.5
7.3	Culvert Height	7.3
74	Culvert Length	74
131.99985848	Area of Waterway Opening	131.99985848
100%	Shared Structure	100%
PRECAST CONCRETE ARCH PIPE	Comments	PRECAST CONCRETE ARCH PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.7 * 872568.71 / 60 * 25 * 1.1	$679,876
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.7 * 2112 * 49.33 / 20 * 25	$221,393
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.7 * 13572.97 / 60 * 25	$9,614

Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**74 * 131.99985848 * 16.61 / 100 * 25 * 1.15**	**$46,646**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $679,876 + $221,393 + $9,614 + $46,646**	**$957,529**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-623-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.4	Segment Length	2.4
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.7 M E CSAH 11 TO SERVICE ROAD	Termini	1.7 M E CSAH 11 TO SERVICE ROAD
1000	Present AADT	1000
2015	Year of Count	2015
1.1	Projection Factor	1.1
1100	Projected Traffic	1100
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2003	Latest Year SA funds	2003
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
BITUMINOUS PAVEMENT RECLAMATION, 2" 2350 NON-WEAR, 2" 2350 WEAR, PAVED SHOULDERS (SAP 74-623-10, LET 4-22-03 APS)	Comments	BITUMINOUS PAVEMENT RECLAMATION, 2" 2350 NON-WEAR, 2" 2350 WEAR, PAVED SHOULDERS (SAP 74-623-10, LET 4-22-03 APS)
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.4 * 872568.71 / 60 * 25 * 1.1	$959,826
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.4 * 2112 * 49.33 / 20 * 25	$312,555
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.4 * 13572.97 / 60 * 25	$13,573
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $959,826 + $312,555 + $13,573	$1,285,954

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-623-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.6	Segment Length	0.6
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
ALONG FAI 35 TO CSAH 12	Termini	ALONG FAI 35 TO CSAH 12
1100	Present AADT	1100
2015	Year of Count	2015
1.1	Projection Factor	1.1
1210	Projected Traffic	1210
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.6 * 872568.71 / 60 * 25 * 1.1	$239,956
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.6 * 2112 * 49.33 / 20 * 25	$78,139
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.6 * 13572.97 / 60 * 25	$3,393
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $239,956 + $78,139 + $3,393	$321,488

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-623-040

Original		Current
MEDFORD	Municipality	MEDFORD
1.5	Segment Length	1.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 12 TO CSAH 9	Termini	CSAH 12 TO CSAH 9
2450	Present AADT	2450
2015	Year of Count	2015
1.1	Projection Factor	1.1
2695	Projected Traffic	2695
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 1210468.28 / 60 * 25 * 1.1	$832,197
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2376 * 49.33 / 20 * 25	$219,765
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 22935.36 / 60 * 25	$14,335
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $832,197 + $219,765 + $14,335	$1,066,297

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-623-050

Original		Current
OWATONNA	Municipality	OWATONNA
0.7	Segment Length	0.7
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 9 TO 0.70 MI S	Termini	CSAH 9 TO 0.70 MI S
2250	Present AADT	2250
2015	Year of Count	2015
1.1	Projection Factor	1.1
2475	Projected Traffic	2475
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
8911Y	Structure Number	8911Y
9.95	Milepoint	9.95
1958	Year Built	1958
CRANE CREEK	Feature Crossed	CRANE CREEK
	Type of Service	
3	Number of Barrels	3
	Culvert Width	
	Culvert Height	
350	Culvert Length	350
504.00024248	Area of Waterway Opening	504.00024248
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.7 * 3224471.48 / 60 * 25 * 1.15	$1,081,541
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.7 * 2904 * 49.33 / 15 * 25	$167,130
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.7 * 1553.18 / 60 * 25	$453
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	350 * 504.00024248 * 16.61 / 100 * 25 * 1.15	$842,377

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,081,541 + $167,130 + $453 + $842,377**	**$2,091,501**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-623-060

Original		Current
OWATONNA	Municipality	OWATONNA
0.9	Segment Length	0.9
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.70 MI SOUTH OF CSAH 9 TO SOUTH LIMITS OF OWATONNA	Termini	0.70 MI SOUTH OF CSAH 9 TO SOUTH LIMITS OF OWATONNA
3950	Present AADT	3950
2015	Year of Count	2015
1.1	Projection Factor	1.1
4345	Projected Traffic	4345
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.9 * 1210468.28 / 60 * 25 * 1.1	$499,318
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.9 * 2376 * 49.33 / 20 * 25	$131,859
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.9 * 22935.36 / 60 * 25	$8,601
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $499,318 + $131,859 + $8,601	$639,778

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-623-070

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S LIMS TO N LIMS OWATONNA (26TH ST NW0	Termini	S LIMS TO N LIMS OWATONNA (26TH ST NW0
3950	Present AADT	3950
2015	Year of Count	2015
1.1	Projection Factor	1.1
4345	Projected Traffic	4345
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 1210468.28 / 60 * 25 * 1.1	$277,399
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2376 * 49.33 / 20 * 25	$73,255
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 22935.36 / 60 * 25	$4,778
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $277,399 + $73,255 + $4,778	$355,432

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-623-080

Original		Current
OWATONNA	Municipality	OWATONNA
0.8	Segment Length	0.8
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
N LIMS OWATONNA (26TH ST NW) TO 0.80 MI S	Termini	N LIMS OWATONNA (26TH ST NW) TO 0.80 MI S
2900	Present AADT	2900
2015	Year of Count	2015
1.1	Projection Factor	1.1
3190	Projected Traffic	3190
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.8 * 1210468.28 / 60 * 25 * 1.1	$443,838
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.8 * 2376 * 49.33 / 20 * 25	$117,208
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.8 * 22935.36 / 60 * 25	$7,645
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $443,838 + $117,208 + $7,645	$568,691

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-624-009

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 15 TO TH 30	Termini	CSAH 15 TO TH 30
200	Present AADT	200
2015	Year of Count	2015
1.1	Projection Factor	1.1
220	Projected Traffic	220
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-624-011 RC&OL	Comments	2017 SAP 074-624-011 RC&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
95529	Structure Number	95529
0.58	Milepoint	0.58
1978	Year Built	1978
STREAM	Feature Crossed	STREAM
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
17.4	Culvert Width	17.4
11.5	Culvert Height	11.5
92	Culvert Length	92
158.00005893	Area of Waterway Opening	158.00005893
100%	Shared Structure	100%
STEEL ARCH PIPE	Comments	STEEL ARCH PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	92 * 158.00005893 * 16.61 / 100 * 25 * 1.15	$69,415
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $799,855 + $260,462 + $11,311 + $69,415	$1,141,043

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-624-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 30 TO 1.0 MI N	Termini	TH 30 TO 1.0 MI N
245	Present AADT	245
2015	Year of Count	2015
1.1	Projection Factor	1.1
270	Projected Traffic	270
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-624-011 RC&OL	Comments	2017 SAP 074-624-011 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-624-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.0 MI N TO 2.0 MI N TH 30	Termini	1.0 MI N TO 2.0 MI N TH 30
245	Present AADT	245
2015	Year of Count	2015
1.1	Projection Factor	1.1
270	Projected Traffic	270
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-624-011 RC&OL	Comments	2017 SAP 074-624-011 RC&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
95732	Structure Number	95732
3.4	Milepoint	3.4
1982	Year Built	1982
STRAIGHT RIVER	Feature Crossed	STRAIGHT RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
11.5	Culvert Width	11.5
7.3	Culvert Height	7.3
52	Culvert Length	52
131.99985848	Area of Waterway Opening	131.99985848
100%	Shared Structure	100%
PRECAST CONCRETE ARCH PIPE	Comments	PRECAST CONCRETE ARCH PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	52 * 131.99985848 * 16.61 / 100 * 25 * 1.15	$32,778
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $399,927 + $130,231 + $5,655 + $32,778	$568,591

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-624-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.0 MI N TH 30 TO CSAH 26	Termini	2.0 MI N TH 30 TO CSAH 26
140	Present AADT	140
2015	Year of Count	2015
1.1	Projection Factor	1.1
154	Projected Traffic	154
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-624-011 RC&OL	Comments	2017 SAP 074-624-011 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-626-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.5	Segment Length	1.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 45 TO 1.5 MI E	Termini	CSAH 45 TO 1.5 MI E
300	Present AADT	300
2015	Year of Count	2015
1.1	Projection Factor	1.1
330	Projected Traffic	330
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-626-017 RC&OL	Comments	2017 SAP 074-626-017 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 872568.71 / 60 * 25 * 1.1	$599,891
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 49.33 / 20 * 25	$195,347
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 13572.97 / 60 * 25	$8,483
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $599,891 + $195,347 + $8,483	$803,721

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-626-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.5 MI E CSAH 45 TO CSAH 27	Termini	1.5 MI E CSAH 45 TO CSAH 27
300	Present AADT	300
2015	Year of Count	2015
1.1	Projection Factor	1.1
330	Projected Traffic	330
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-626-017 RC&OL	Comments	2017 SAP 074-626-017 RC&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
74J14	Structure Number	74J14
2	Milepoint	2
2010	Year Built	2010
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
7	Culvert Height	7
62	Culvert Length	62
83	Area of Waterway Opening	83
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 872568.71 / 60 * 25 * 1.1	$199,964
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 49.33 / 20 * 25	$65,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 13572.97 / 60 * 25	$2,828
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	62 * 83 * 16.61 / 100 * 25 * 1.15	$24,574
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $199,964 + $65,116 + $2,828 + $24,574	$292,482

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-626-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 27 TO 0.5 MI E	Termini	CSAH 27 TO 0.5 MI E
270	Present AADT	270
2015	Year of Count	2015
1.1	Projection Factor	1.1
297	Projected Traffic	297
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-626-017 RC&OL	Comments	2017 SAP 074-626-017 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 872568.71 / 60 * 25 * 1.1	$199,964
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 49.33 / 20 * 25	$65,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 13572.97 / 60 * 25	$2,828
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $199,964 + $65,116 + $2,828	$267,908

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-626-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.5	Segment Length	2.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.5 MI E CSAH 27 TO 3.0 MI E	Termini	0.5 MI E CSAH 27 TO 3.0 MI E
270	Present AADT	270
2015	Year of Count	2015
1.1	Projection Factor	1.1
297	Projected Traffic	297
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-626-017 RC&OL	Comments	2017 SAP 074-626-017 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.5 * 872568.71 / 60 * 25 * 1.1	$999,818
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.5 * 2112 * 49.33 / 20 * 25	$325,578
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.5 * 13572.97 / 60 * 25	$14,139
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $999,818 + $325,578 + $14,139	$1,339,535

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-626-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.1	Segment Length	2.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 24 TO TH 218	Termini	CSAH 24 TO TH 218
270	Present AADT	270
2015	Year of Count	2015
1.1	Projection Factor	1.1
297	Projected Traffic	297
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-626-017 RC&OL	Comments	2017 SAP 074-626-017 RC&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
74J13	Structure Number	74J13
5.77	Milepoint	5.77
2007	Year Built	2007
STRAIGHT RIVER	Feature Crossed	STRAIGHT RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
14	Culvert Width	14
8	Culvert Height	8
60	Culvert Length	60
112.00053228	Area of Waterway Opening	112.00053228
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.1 * 872568.71 / 60 * 25 * 1.1	$839,847
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.1 * 2112 * 49.33 / 20 * 25	$273,486
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.1 * 13572.97 / 60 * 25	$11,876
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	60 * 112.00053228 * 16.61 / 100 * 25 * 1.15	$32,091
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $839,847 + $273,486 + $11,876 + $32,091	$1,157,300

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-626-055

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.2	Segment Length	1.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 218 TO CSAH 16	Termini	TH 218 TO CSAH 16
105	Present AADT	105
2015	Year of Count	2015
1.5	Projection Factor	1.5
158	Projected Traffic	158
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-626-018 RC&OL	Comments	2017 SAP 074-626-018 RC&OL
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
380268U	USDOT Number	380268U
7.15	Located at Milepoint	7.15
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.2 * 872568.71 / 60 * 25 * 1.1	$479,913
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.2 * 2112 * 49.33 / 20 * 25	$156,277
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.2 * 13572.97 / 60 * 25	$6,786
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $479,913 + $156,277 + $6,786 + $1,500 + $43,200	$687,676

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-626-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.4	Segment Length	0.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 16 TO E CO LINE	Termini	CSAH 16 TO E CO LINE
105	Present AADT	105
2015	Year of Count	2015
1.5	Projection Factor	1.5
158	Projected Traffic	158
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-626-018 RC&OL	Comments	2017 SAP 074-626-018 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 872568.71 / 60 * 25 * 1.1	$159,971
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2112 * 49.33 / 20 * 25	$52,092
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 13572.97 / 60 * 25	$2,262
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $159,971 + $52,092 + $2,262	$214,325

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-626-070

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.3	Segment Length	0.3
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CO RD 79 TO 0.3 MI N	Termini	CO RD 79 TO 0.3 MI N
105	Present AADT	105
2015	Year of Count	2015
1.1	Projection Factor	1.1
116	Projected Traffic	116
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
1986	Latest Year SA funds	1986
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 436284.36 / 60 * 25 * 1.1	$59,989
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 546 * 10.01 / 2 * 25	$20,495
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$59,989 + $20,495 + $0	$80,484

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-627-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 26 TO CSAH 4	Termini	CSAH 26 TO CSAH 4
225	Present AADT	225
2015	Year of Count	2015
1.1	Projection Factor	1.1
248	Projected Traffic	248
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-627-003 RC/OL	Comments	2013 SAP 074-627-003 RC/OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
74J16	Structure Number	74J16
0.2	Milepoint	0.2
2010	Year Built	2010
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
52	Culvert Length	52
71	Area of Waterway Opening	71
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	52 * 71 * 16.61 / 100 * 25 * 1.15	$17,631
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $799,855 + $260,462 + $11,311 + $17,631	$1,089,259

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-628-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.1	Segment Length	2.1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 30 TO CSAH 21	Termini	TH 30 TO CSAH 21
365	Present AADT	365
2015	Year of Count	2015
1.1	Projection Factor	1.1
402	Projected Traffic	402
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
89080	Structure Number	89080
0.6	Milepoint	0.6
1920	Year Built	1920
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
6	Culvert Height	6
55	Culvert Length	55
60	Area of Waterway Opening	60
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.1 * 872568.71 / 60 * 25 * 1.1	$839,847
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.1 * 2112 * 49.33 / 20 * 25	$273,486
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.1 * 13572.97 / 60 * 25	$11,876
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	55 * 60 * 16.61 / 100 * 25 * 1.15	$15,759
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $839,847 + $273,486 + $11,876 + $15,759	$1,140,968

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-629-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W CO LINE TO CSAH 7	Termini	W CO LINE TO CSAH 7
235	Present AADT	235
2015	Year of Count	2015
1.1	Projection Factor	1.1
259	Projected Traffic	259
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1983	Latest Year SA funds	1983
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
92892	Structure Number	92892
0.83	Milepoint	0.83
1972	Year Built	1972
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
14	Culvert Width	14
14	Culvert Height	14
118	Culvert Length	118
152.00026107	Area of Waterway Opening	152.00026107
100%	Shared Structure	100%
STEEL PIPE	Comments	STEEL PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	118 * 152.00026107 * 16.61 / 100 * 25 * 1.15	$85,651
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $399,927 + $130,231 + $5,655 + $85,651	$621,464

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-630-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4.5	Segment Length	4.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 4 TO CSAH 7	Termini	CSAH 4 TO CSAH 7
690	Present AADT	690
2015	Year of Count	2015
1.1	Projection Factor	1.1
759	Projected Traffic	759
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000	Comments	ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
92780	Structure Number	92780
3.57	Milepoint	3.57
1971	Year Built	1971
CO DITCH # 5	Feature Crossed	CO DITCH # 5
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
15.3	Culvert Width	15.3
9.3	Culvert Height	9.3
72	Culvert Length	72
108.99955696	Area of Waterway Opening	108.99955696
100%	Shared Structure	100%
STEEL ARCH PIPE	Comments	STEEL ARCH PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.5 * 872568.71 / 60 * 25 * 1.1	$1,799,673
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.5 * 2112 * 49.33 / 20 * 25	$586,040
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.5 * 13572.97 / 60 * 25	$25,449
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	72 * 108.99955696 * 16.61 / 100 * 25 * 1.15	$37,477

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,799,673 + $586,040 + $25,449 + $37,477**	**$2,448,639**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-631-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.1	Segment Length	0.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 30 TO 0.10 MI E	Termini	CSAH 30 TO 0.10 MI E
280	Present AADT	280
2015	Year of Count	2015
1.1	Projection Factor	1.1
308	Projected Traffic	308
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2015	Latest Year SA funds	2015
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2015 SAP 074-631-006 RC&OL	Comments	2015 SAP 074-631-006 RC&OL
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74523	Structure Number	74523
0.02	Milepoint	0.02
1973	Year Built	1973
STRAIGHT RIVER	Feature Crossed	STRAIGHT RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
114	Bridge Length	114
32	Bridge Width	32
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 872568.71 / 60 * 25 * 1.1	$39,993
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2112 * 49.33 / 20 * 25	$13,023
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 13572.97 / 60 * 25	$566
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	114 * 32 * 163 / 80 * 25 * 1.15	$213,693
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $39,993 + $13,023 + $566 + $213,693	$267,275

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-631-011

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.2	Segment Length	3.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.1 MI E OF CSAH 30 TO CSAH 45	Termini	0.1 MI E OF CSAH 30 TO CSAH 45
280	Present AADT	280
2015	Year of Count	2015
1.1	Projection Factor	1.1
308	Projected Traffic	308
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2015	Latest Year SA funds	2015
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2015 SAP 074-631-006 RC&OL	Comments	2015 SAP 074-631-006 RC&OL
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
876335K	USDOT Number	876335K
1.4	Located at Milepoint	1.4
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
2000	Last Year Protection Upgraded	2000
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.2 * 872568.71 / 60 * 25 * 1.1	$1,279,767
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.2 * 2112 * 49.33 / 20 * 25	$416,740
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.2 * 13572.97 / 60 * 25	$18,097
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $1,279,767 + $416,740 + $18,097 + $1,500 + $43,200	$1,759,304

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-632-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W CO LINE TO 1.0 MI E (T-16)	Termini	W CO LINE TO 1.0 MI E (T-16)
260	Present AADT	260
2015	Year of Count	2015
1.1	Projection Factor	1.1
286	Projected Traffic	286
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1991	Latest Year SA funds	1991
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-632-011

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.0 MI E OF W CO LINE TO CSAH 7	Termini	1.0 MI E OF W CO LINE TO CSAH 7
260	Present AADT	260
2015	Year of Count	2015
1.1	Projection Factor	1.1
286	Projected Traffic	286
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1991	Latest Year SA funds	1991
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 872568.71 / 60 * 25 * 1.1	$559,898
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 2112 * 49.33 / 20 * 25	$182,324
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 13572.97 / 60 * 25	$7,918
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $559,898 + $182,324 + $7,918	$750,140

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-632-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 7 TO 2.0 MI NO	Termini	CSAH 7 TO 2.0 MI NO
240	Present AADT	240
2015	Year of Count	2015
1.1	Projection Factor	1.1
264	Projected Traffic	264
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000	Comments	ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-632-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.0 MI NO OF CSAH 7 TO CSAH 18	Termini	2.0 MI NO OF CSAH 7 TO CSAH 18
240	Present AADT	240
2015	Year of Count	2015
1.1	Projection Factor	1.1
264	Projected Traffic	264
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000	Comments	ROADWAY SECTION RECLAIMED AND SURFACING PLACED IN 2000
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-633-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.2	Segment Length	1.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W CO LINE TO 1.0 MI S CSAH 18	Termini	W CO LINE TO 1.0 MI S CSAH 18
355	Present AADT	355
2015	Year of Count	2015
1.1	Projection Factor	1.1
391	Projected Traffic	391
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2008	Latest Year SA funds	2008
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
RESURFACED UNDER SAP 74-633-004 FORCE ACCOUNT PROJ IN 2008 RLL	Comments	RESURFACED UNDER SAP 74-633-004 FORCE ACCOUNT PROJ IN 2008 RLL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.2 * 872568.71 / 60 * 25 * 1.1	$479,913
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.2 * 2112 * 49.33 / 20 * 25	$156,277
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.2 * 13572.97 / 60 * 25	$6,786
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $479,913 + $156,277 + $6,786	$642,976

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-633-011

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.0 MI S TO CSAH 18	Termini	1.0 MI S TO CSAH 18
355	Present AADT	355
2015	Year of Count	2015
1.1	Projection Factor	1.1
391	Projected Traffic	391
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2012	Latest Year SA funds	2012
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2012 SAP 074-633-005 M,RC&OL	Comments	2012 SAP 074-633-005 M,RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-634-003

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.9	Segment Length	0.9
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 7 (39TH AVE.W.) TO 24TH AVE. W.	Termini	CSAH 7 (39TH AVE.W.) TO 24TH AVE. W.
9900	Present AADT	9900
2015	Year of Count	2015
1.1	Projection Factor	1.1
10890	Projected Traffic	10890
RURAL	Design Type	RURAL
4 - RURAL : 7000 - 999999	Design Group	4 (RURAL : 7000 - 999999)
0	Latest Year SA funds	0
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SYSTEM REVISION - COMMISSIONER'S ORDER 88885.	Comments	SYSTEM REVISION - COMMISSIONER'S ORDER 88885.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.9 * 2538807.18 / 60 * 25 * 1.1	$1,047,258
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.9 * 3564 * 49.33 / 20 * 25	$197,789
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.9 * 265212.4 / 60 * 25	$99,455
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,047,258 + $197,789 + $99,455	$1,344,502

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-634-006

Original		Current
OWATONNA	Municipality	OWATONNA
0.35	Segment Length	0.35
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
24TH AVE. W. TO 0.35 E OF 24TH AVE. W.	Termini	24TH AVE. W. TO 0.35 E OF 24TH AVE. W.
9900	Present AADT	9900
2015	Year of Count	2015
1.1	Projection Factor	1.1
10890	Projected Traffic	10890
RURAL	Design Type	RURAL
4 - RURAL : 7000 - 999999	Design Group	4 (RURAL : 7000 - 999999)
2009	Latest Year SA funds	2009
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SYSTEM REVISION - COMMISSIONER' S ORDER 88885.	Comments	SYSTEM REVISION - COMMISSIONER' S ORDER 88885.
GRADED 2009, SAP 74-634-017		GRADED 2009, SAP 74-634-017
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.35 * 2538807.18 / 60 * 25 * 1.1	$407,267
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.35 * 3564 * 49.33 / 20 * 25	$76,918
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.35 * 265212.4 / 60 * 25	$38,677
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $407,267 + $76,918 + $38,677	$522,862

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-634-007

Original		Current
OWATONNA	Municipality	OWATONNA
0.45	Segment Length	0.45
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.35 MI E OF 24TH AVE. W. TO CSAH 45	Termini	0.35 MI E OF 24TH AVE. W. TO CSAH 45
9900	Present AADT	9900
2015	Year of Count	2015
1.1	Projection Factor	1.1
10890	Projected Traffic	10890
RURAL	Design Type	RURAL
4 - RURAL : 7000 - 999999	Design Group	4 (RURAL : 7000 - 999999)
1960	Latest Year SA funds	1960
1	Number of Signal Legs	1
No Special Message	Special Message Code	No Special Message
2016 SAP 074-634-023 M&OL SIGNALS	Comments	2016 SAP 074-634-023 M&OL SIGNALS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.45 * 2538807.18 / 60 * 25 * 1.1	$523,629
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.45 * 3564 * 49.33 / 20 * 25	$98,894
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.45 * 265212.4 / 60 * 25	$49,727
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$35,156 + $523,629 + $98,894 + $49,727	$707,406

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-634-010

Original		Current
OWATONNA	Municipality	OWATONNA
0.77	Segment Length	0.77
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 45 TO CSAH 1	Termini	CSAH 45 TO CSAH 1
9600	Present AADT	9600
2015	Year of Count	2015
1.1	Projection Factor	1.1
10560	Projected Traffic	10560
RURAL	Design Type	RURAL
4 - RURAL : 7000 - 999999	Design Group	4 (RURAL : 7000 - 999999)
2005	Latest Year SA funds	2005
1	Number of Signal Legs	1
No Special Message	Special Message Code	No Special Message
2016 SAP 074-634-023 M&OL SIGNALS	Comments	2016 SAP 074-634-023 M&OL SIGNALS
SAP 74-634-11 GRADE AND SURFACE, 4-7-05, APS.		SAP 74-634-11 GRADE AND SURFACE, 4-7-05, APS.
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74521	Structure Number	74521
1.825	Milepoint	1.825
1972	Year Built	1972
STRAIGHT RIVER	Feature Crossed	STRAIGHT RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
156	Bridge Length	156
44.2	Bridge Width	44.2
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
876356D	USDOT Number	876356D
1.75	Located at Milepoint	1.75
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
2004	Last Year Protection Upgraded	2004
56	Crossing Length	56
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380306B	USDOT Number	380306B

2	Located at Milepoint	2
1	Mainline Tracks	1
SIGNALS ONLY	Protection Type	SIGNALS ONLY
2002	Last Year Protection Upgraded	2002
54	Crossing Length	54
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.77 * 2538807.18 / 60 * 25 * 1.1	$895,987
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.77 * 3564 * 49.33 / 20 * 25	$169,219
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.77 * 265212.4 / 60 * 25	$85,089
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	156 * 44.2 * 147 / 80 * 25 * 1.15	$364,260
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	325000 / 25 * 25	$325,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	56 * 1350 / 25 * 25	$75,600
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	275000 / 25 * 25	$275,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	54 * 1350 / 25 * 25	$72,900
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + RR Crossing Protection + RR Crossing Surface + RR Crossing Protection + RR Crossing Surface	$35,156 + $895,987 + $169,219 + $85,089 + $364,260 + $325,000 + $75,600 + $275,000 + $72,900	$2,298,211

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-634-020

Original		Current
OWATONNA	Municipality	OWATONNA
0.5	Segment Length	0.5
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 1 TO ST PAUL ROAD	Termini	CSAH 1 TO ST PAUL ROAD
7000	Present AADT	7000
2015	Year of Count	2015
1.1	Projection Factor	1.1
7700	Projected Traffic	7700
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-634-021 CONCRETE OL	Comments	2014 SAP 074-634-021 CONCRETE OL
2009 GRADING, SP 74-634-010		2009 GRADING, SP 74-634-010
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 3224471.48 / 60 * 25 * 1.15	$772,530
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2904 * 49.33 / 15 * 25	$119,379
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 1553.18 / 60 * 25	$324
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $772,530 + $119,379 + $324	$892,233

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-634-030

Original		Current
OWATONNA	Municipality	OWATONNA
1	Segment Length	1
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
ST PAUL RD TO CSAH 8	Termini	ST PAUL RD TO CSAH 8
5400	Present AADT	5400
2015	Year of Count	2015
1.1	Projection Factor	1.1
5940	Projected Traffic	5940
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2009	Latest Year SA funds	2009
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SP 74-634-010 2009 GRADING, AGG BASE, CONC PAVEMENT, CONC C & G, STORMSEWER & BIKE PATH(SAP153-020-044).	Comments	SP 74-634-010 2009 GRADING, AGG BASE, CONC PAVEMENT, CONC C & G, STORMSEWER & BIKE PATH(SAP153-020-044).
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 3224471.48 / 60 * 25 * 1.15	$1,545,059
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2904 * 49.33 / 15 * 25	$238,757
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 1553.18 / 60 * 25	$647
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,545,059 + $238,757 + $647	$1,784,463

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-634-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.6	Segment Length	2.6
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 8 TO CSAH 9	Termini	CSAH 8 TO CSAH 9
470	Present AADT	470
2015	Year of Count	2015
1.1	Projection Factor	1.1
517	Projected Traffic	517
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1975	Latest Year SA funds	1975
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.6 * 872568.71 / 60 * 25 * 1.1	$1,039,811
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.6 * 2112 * 49.33 / 20 * 25	$338,601
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.6 * 13572.97 / 60 * 25	$14,704
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,039,811 + $338,601 + $14,704	$1,393,116

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-634-050

Original		Current
OWATONNA	Municipality	OWATONNA
2	Segment Length	2
DESIG. NON-EXIST	Existing Surface Type	DESIG. NON-EXIST
0	Existing Surface Lanes	0
	Existing Lane Description	
CSAH 8 TO CSAH 43	Termini	CSAH 8 TO CSAH 43
0	Present AADT	0
0	Year of Count	0
1.1	Projection Factor	1.1
0	Projected Traffic	0
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
	Latest Year SA funds	
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
PART OF THE NORTH BELTLINE	Comments	PART OF THE NORTH BELTLINE
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Non-Existing Segment	If ExistingSurfaceType is DESIG. NON-EXIST, result is zero		$0
Total Segment Cost	Non-Existing Segment	$0	$0

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-635-005

Original		Current
OWATONNA	Municipality	OWATONNA
0.2	Segment Length	0.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 8 TO 0.2 MI EAST	Termini	CSAH 8 TO 0.2 MI EAST
2850	Present AADT	2850
2015	Year of Count	2015
1.1	Projection Factor	1.1
3135	Projected Traffic	3135
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2002	Latest Year SA funds	2002
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SEGMENT GRADED WITH STATE AID FUNDS IN 2002. BRIDGE 74542 WAS CONSTRUCTED WITH BRIDGE BONDING FUNDS	Comments	SEGMENT GRADED WITH STATE AID FUNDS IN 2002. BRIDGE 74542 WAS CONSTRUCTED WITH BRIDGE BONDING FUNDS
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74542	Structure Number	74542
0.17	Milepoint	0.17
2002	Year Built	2002
Maple Creek	Feature Crossed	Maple Creek
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
78.6	Bridge Length	78.6
78.6	Bridge Width	78.6
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 3224471.48 / 60 * 25 * 1.15	$309,012
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2904 * 49.33 / 15 * 25	$47,751
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 1553.18 / 60 * 25	$129
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	78.6 * 78.6 * 163 / 80 * 25 * 1.15	$361,893
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $309,012 + $47,751 + $129 + $361,893	$718,785

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-635-010

Original		Current
OWATONNA	Municipality	OWATONNA
0.3	Segment Length	0.3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
O.2 MI E OF CSAH 8 TO E LIMS OWATONNA	Termini	O.2 MI E OF CSAH 8 TO E LIMS OWATONNA
1100	Present AADT	1100
2015	Year of Count	2015
1.1	Projection Factor	1.1
1210	Projected Traffic	1210
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-635-009 ROADWAY RECONSTRUCTION	Comments	2014 SAP 074-635-009 ROADWAY RECONSTRUCTION
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 3224471.48 / 60 * 25 * 1.15	$463,518
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2904 * 49.33 / 15 * 25	$71,627
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 1553.18 / 60 * 25	$194
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $463,518 + $71,627 + $194	$535,339

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-635-011

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
E LIMS OWATONNA TO 0.50 MILES EAST OF CITY LIMITS	Termini	E LIMS OWATONNA TO 0.50 MILES EAST OF CITY LIMITS
1100	Present AADT	1100
2015	Year of Count	2015
1.1	Projection Factor	1.1
1210	Projected Traffic	1210
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-635-009 ROADWAY RECONSTRUCTION	Comments	2014 SAP 074-635-009 ROADWAY RECONSTRUCTION
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 872568.71 / 60 * 25 * 1.1	$199,964
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 49.33 / 20 * 25	$65,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 13572.97 / 60 * 25	$2,828
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $199,964 + $65,116 + $2,828	$267,908

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-635-013

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.7	Segment Length	0.7
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.50 MILES EAST TO 1.20 MILES EAST OF CITY LIMITS	Termini	0.50 MILES EAST TO 1.20 MILES EAST OF CITY LIMITS
1100	Present AADT	1100
2015	Year of Count	2015
1.1	Projection Factor	1.1
1210	Projected Traffic	1210
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 074-635-008 BR APPROACH REPAIR 74543	Comments	2013 SAP 074-635-008 BR APPROACH REPAIR 74543
2006 SAP 74-635-07		2006 SAP 74-635-07
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74543	Structure Number	74543
1.44	Milepoint	1.44
2006	Year Built	2006
MAPLE CREEK	Feature Crossed	MAPLE CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
77.83	Bridge Length	77.83
39.33	Bridge Width	39.33
100%	Shared Structure	100%
2013 SAP 074-635-008 BR APPROACH REPAIR 74543	Comments	2013 SAP 074-635-008 BR APPROACH REPAIR 74543
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.7 * 872568.71 / 60 * 25 * 1.1	$279,949
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.7 * 2112 * 49.33 / 20 * 25	$91,162
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.7 * 13572.97 / 60 * 25	$3,959
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	77.83 * 39.33 * 163 / 80 * 25 * 1.15	$179,311

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$0 + $279,949 + $91,162 + $3,959 + $179,311**	**$554,381**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-635-015

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.8	Segment Length	0.8
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.2 MILES EAST OF CITY LIMITS TO CSAH 43	Termini	1.2 MILES EAST OF CITY LIMITS TO CSAH 43
1100	Present AADT	1100
2015	Year of Count	2015
1.1	Projection Factor	1.1
1210	Projected Traffic	1210
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-635-010 RC&OL	Comments	2014 SAP 074-635-010 RC&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.8 * 872568.71 / 60 * 25 * 1.1	$319,942
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.8 * 2112 * 49.33 / 20 * 25	$104,185
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.8 * 13572.97 / 60 * 25	$4,524
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $319,942 + $104,185 + $4,524	$428,651

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-636-010

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.26	Segment Length	0.26
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S CO LINE TO 0.26 MI N	Termini	S CO LINE TO 0.26 MI N
690	Present AADT	690
2015	Year of Count	2015
1.1	Projection Factor	1.1
759	Projected Traffic	759
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 074-636-002 RC&OL tied to 020-602-016	Comments	2017 SAP 074-636-002 RC&OL tied to 020-602-016
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.26 * 872568.71 / 60 * 25 * 1.1	$103,981
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.26 * 2112 * 49.33 / 20 * 25	$33,860
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.26 * 13572.97 / 60 * 25	$1,470
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $103,981 + $33,860 + $1,470	$139,311

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-637-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.5	Segment Length	3.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 8 AND EAST 3.5 MI	Termini	CSAH 8 AND EAST 3.5 MI
130	Present AADT	130
2015	Year of Count	2015
1.2	Projection Factor	1.2
156	Projected Traffic	156
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1965	Latest Year SA funds	1965
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.5 * 872568.71 / 60 * 25 * 1.1	$1,399,746
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.5 * 2112 * 49.33 / 20 * 25	$455,809
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.5 * 13572.97 / 60 * 25	$19,794
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,399,746 + $455,809 + $19,794	$1,875,349

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-637-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.3	Segment Length	1.3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
3.5 M NE CSAH 8 TO 1.0 M W OF EAST CO LINE	Termini	3.5 M NE CSAH 8 TO 1.0 M W OF EAST CO LINE
130	Present AADT	130
2015	Year of Count	2015
1.2	Projection Factor	1.2
156	Projected Traffic	156
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1969	Latest Year SA funds	1969
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.3 * 872568.71 / 60 * 25 * 1.1	$519,906
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.3 * 2112 * 49.33 / 20 * 25	$169,301
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.3 * 13572.97 / 60 * 25	$7,352
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $519,906 + $169,301 + $7,352	$696,559

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-637-021

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.7	Segment Length	1.7
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.0 MI W OF E CO LINE TO DODGE CO CSAH 20	Termini	1.0 MI W OF E CO LINE TO DODGE CO CSAH 20
130	Present AADT	130
2015	Year of Count	2015
1.2	Projection Factor	1.2
156	Projected Traffic	156
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1992	Latest Year SA funds	1992
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.7 * 872568.71 / 60 * 25 * 1.1	$679,876
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.7 * 2112 * 49.33 / 20 * 25	$221,393
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.7 * 13572.97 / 60 * 25	$9,614
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $679,876 + $221,393 + $9,614	$910,883

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-638-010

Original		Current
ELLENDALE	Municipality	ELLENDALE
0.32	Segment Length	0.32
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 14 TO U.P. RR	Termini	CSAH 14 TO U.P. RR
445	Present AADT	445
2015	Year of Count	2015
1.1	Projection Factor	1.1
490	Projected Traffic	490
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2001	Latest Year SA funds	2001
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.32 * 3224471.48 / 60 * 25 * 1.15	$494,419
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.32 * 2904 * 49.33 / 15 * 25	$76,402
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.32 * 1553.18 / 60 * 25	$207
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $494,419 + $76,402 + $207	$571,028

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-638-020

Original		Current
ELLENDALE	Municipality	ELLENDALE
0.8	Segment Length	0.8
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
U.P. RR TO TH 30 ON 8TH AV S	Termini	U.P. RR TO TH 30 ON 8TH AV S
465	Present AADT	465
2015	Year of Count	2015
1.1	Projection Factor	1.1
512	Projected Traffic	512
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
876310P	USDOT Number	876310P
0.32	Located at Milepoint	0.32
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.8 * 3224471.48 / 60 * 25 * 1.15	$1,236,047
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.8 * 2904 * 49.33 / 15 * 25	$191,006
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.8 * 1553.18 / 60 * 25	$518
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	325000 / 25 * 25	$325,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $1,236,047 + $191,006 + $518 + $325,000 + $43,200	$1,795,771

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-640-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 19 TO RICE LAKE STATE PARK	Termini	CSAH 19 TO RICE LAKE STATE PARK
70	Present AADT	70
2015	Year of Count	2015
2.2	Projection Factor	2.2
154	Projected Traffic	154
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2006	Latest Year SA funds	2006
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
BASE AND SURFACE RECLAIMED AND PAVED IN 2006 (SAP 74-640-04 APS)	Comments	BASE AND SURFACE RECLAIMED AND PAVED IN 2006 (SAP 74-640-04 APS)
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 872568.71 / 60 * 25 * 1.1	$199,964
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 49.33 / 20 * 25	$65,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 13572.97 / 60 * 25	$2,828
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $199,964 + $65,116 + $2,828	$267,908

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-641-010

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.23	Segment Length	0.23
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 15 TO MAIN ST	Termini	CSAH 15 TO MAIN ST
500	Present AADT	500
2015	Year of Count	2015
1.1	Projection Factor	1.1
550	Projected Traffic	550
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.23 * 3224471.48 / 60 * 25 * 1.15	$355,364
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.23 * 2904 * 49.33 / 15 * 25	$54,914
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.23 * 1553.18 / 60 * 25	$149
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $355,364 + $54,914 + $149	$410,427

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-641-020

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.17	Segment Length	0.17
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
MAIN ST TO 2ND ST NW	Termini	MAIN ST TO 2ND ST NW
770	Present AADT	770
2015	Year of Count	2015
1.1	Projection Factor	1.1
847	Projected Traffic	847
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1974	Latest Year SA funds	1974
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-641-003 M&OL W/ LOCAL FUNDS	Comments	2014 SAP 074-641-003 M&OL W/ LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.17 * 3224471.48 / 60 * 25 * 1.15	$262,660
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.17 * 2904 * 49.33 / 15 * 25	$40,589
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.17 * 1553.18 / 60 * 25	$110
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $262,660 + $40,589 + $110	$303,359

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-641-030

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.26	Segment Length	0.26
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2ND ST TO 5TH ST	Termini	2ND ST TO 5TH ST
770	Present AADT	770
2015	Year of Count	2015
1.1	Projection Factor	1.1
847	Projected Traffic	847
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1979	Latest Year SA funds	1979
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-641-003 M&OL W/ LOCAL FUNDS	Comments	2014 SAP 074-641-003 M&OL W/ LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.26 * 3224471.48 / 60 * 25 * 1.15	$401,715
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.26 * 2904 * 49.33 / 15 * 25	$62,077
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.26 * 1553.18 / 60 * 25	$168
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $401,715 + $62,077 + $168	$463,960

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-641-040

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.25	Segment Length	0.25
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
5TH ST TO TH 218	Termini	5TH ST TO TH 218
600	Present AADT	600
2015	Year of Count	2015
1.1	Projection Factor	1.1
660	Projected Traffic	660
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1979	Latest Year SA funds	1979
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 074-641-003 M&OL W/ LOCAL FUNDS	Comments	2014 SAP 074-641-003 M&OL W/ LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.25 * 3224471.48 / 60 * 25 * 1.15	$386,265
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.25 * 2904 * 49.33 / 15 * 25	$59,689
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.25 * 1553.18 / 60 * 25	$162
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $386,265 + $59,689 + $162	$446,116

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-642-010

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.14	Segment Length	0.14
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CENTER AVE TO 2ND AVE NW	Termini	CENTER AVE TO 2ND AVE NW
1200	Present AADT	1200
2015	Year of Count	2015
1.1	Projection Factor	1.1
1320	Projected Traffic	1320
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2015	Latest Year SA funds	2015
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2015 SAP 074-642-004 RECONST - CONCRETE PAVING	Comments	2015 SAP 074-642-004 RECONST - CONCRETE PAVING
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.14 * 872568.71 / 60 * 25 * 1.1	$55,990
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.14 * 2112 * 49.33 / 20 * 25	$18,232
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.14 * 13572.97 / 60 * 25	$792
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $55,990 + $18,232 + $792	$75,014

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-642-020

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.15	Segment Length	0.15
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2ND AVE NW TO TH 218	Termini	2ND AVE NW TO TH 218
1600	Present AADT	1600
2015	Year of Count	2015
1.1	Projection Factor	1.1
1760	Projected Traffic	1760
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2015	Latest Year SA funds	2015
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2015 SAP 074-642-004 RECONST - CONCRETE PAVING	Comments	2015 SAP 074-642-004 RECONST - CONCRETE PAVING
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.15 * 3224471.48 / 60 * 25 * 1.15	$231,759
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.15 * 2904 * 49.33 / 15 * 25	$35,814
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.15 * 1553.18 / 60 * 25	$97
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $231,759 + $35,814 + $97	$267,670

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-642-030

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.1	Segment Length	0.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 218 TO 5TH AVE NE	Termini	TH 218 TO 5TH AVE NE
150	Present AADT	150
2015	Year of Count	2015
1.1	Projection Factor	1.1
165	Projected Traffic	165
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2015	Latest Year SA funds	2015
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2015 SAP 074-642-004 RECONST - CONCRETE PAVING	Comments	2015 SAP 074-642-004 RECONST - CONCRETE PAVING
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380261W	USDOT Number	380261W
0.34	Located at Milepoint	0.34
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
49	Crossing Length	49
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 3224471.48 / 60 * 25 * 1.15	$154,506
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2904 * 49.33 / 15 * 25	$23,876
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 1553.18 / 60 * 25	$65
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	49 * 1350 / 25 * 25	$66,150
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $154,506 + $23,876 + $65 + $1,500 + $66,150	$246,097

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-642-040

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
0.25	Segment Length	0.25
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
MAIN ST TO TH 30	Termini	MAIN ST TO TH 30
235	Present AADT	235
2015	Year of Count	2015
1.1	Projection Factor	1.1
259	Projected Traffic	259
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1985	Latest Year SA funds	1985
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.25 * 3224471.48 / 60 * 25 * 1.15	$386,265
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.25 * 2904 * 49.33 / 15 * 25	$59,689
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.25 * 1553.18 / 60 * 25	$162
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $386,265 + $59,689 + $162	$446,116

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-643-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.8	Segment Length	2.8
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 19 TO CSAH 8	Termini	CSAH 19 TO CSAH 8
720	Present AADT	720
2015	Year of Count	2015
1.1	Projection Factor	1.1
792	Projected Traffic	792
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
96796	Structure Number	96796
2.4	Milepoint	2.4
1993	Year Built	1993
MAPLE CREEK	Feature Crossed	MAPLE CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
4	Number of Barrels	4
12	Culvert Width	12
9	Culvert Height	9
64	Culvert Length	64
423.99970851	Area of Waterway Opening	423.99970851
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.8 * 872568.71 / 60 * 25 * 1.1	$1,119,797
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.8 * 2112 * 49.33 / 20 * 25	$364,647
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.8 * 13572.97 / 60 * 25	$15,835
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	64 * 423.99970851 * 16.61 / 100 * 25 * 1.15	$129,584
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $1,119,797 + $364,647 + $15,835 + $129,584	$1,629,863

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-643-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.9	Segment Length	1.9
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 14 TO CSAH 19	Termini	TH 14 TO CSAH 19
950	Present AADT	950
2015	Year of Count	2015
1.1	Projection Factor	1.1
1045	Projected Traffic	1045
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
0	Latest Year SA funds	0
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
PART OF THE EAST BELTLINE	Comments	PART OF THE EAST BELTLINE
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74519	Structure Number	74519
3.6	Milepoint	3.6
1969	Year Built	1969
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
54	Bridge Length	54
32	Bridge Width	32
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
193376B	USDOT Number	193376B
4.2	Located at Milepoint	4.2
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**1.9 * 872568.71 / 60 * 25 * 1.1**	**$759,862**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**1.9 * 2112 * 49.33 / 20 * 25**	**$247,439**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**1.9 * 13572.97 / 60 * 25**	**$10,745**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**54 * 32 * 163 / 80 * 25 * 1.15**	**$101,223**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**32 * 1350 / 25 * 25**	**$43,200**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + RR Crossing Protection + RR Crossing Surface**	**$0 + $759,862 + $247,439 + $10,745 + $101,223 + $1,500 + $43,200**	**$1,163,969**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-643-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 18 TO TH 14	Termini	CSAH 18 TO TH 14
440	Present AADT	440
2015	Year of Count	2015
1.1	Projection Factor	1.1
484	Projected Traffic	484
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
0	Latest Year SA funds	0
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
PART OF THE EAST BELTLINE	Comments	PART OF THE EAST BELTLINE
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
74J05	Structure Number	74J05
4.9	Milepoint	4.9
2000	Year Built	2000
Ditch	Feature Crossed	Ditch
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
10	Culvert Width	10
6	Culvert Height	6
54	Culvert Length	54
120.00026276	Area of Waterway Opening	120.00026276
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 872568.71 / 60 * 25 * 1.1	$199,964
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 49.33 / 20 * 25	$65,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 13572.97 / 60 * 25	$2,828
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	54 * 120.00026276 * 16.61 / 100 * 25 * 1.15	$30,944
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $199,964 + $65,116 + $2,828 + $30,944	$298,852

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-005

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
SO CO LINE TO TH 30	Termini	SO CO LINE TO TH 30
700	Present AADT	700
2015	Year of Count	2015
1.1	Projection Factor	1.1
770	Projected Traffic	770
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1985	Latest Year SA funds	1985
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 872568.71 / 60 * 25 * 1.1	$799,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 49.33 / 20 * 25	$260,462
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 13572.97 / 60 * 25	$11,311
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $799,855 + $260,462 + $11,311	$1,071,628

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.5	Segment Length	2.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 30 CR 55	Termini	TH 30 CR 55
770	Present AADT	770
2015	Year of Count	2015
1.1	Projection Factor	1.1
847	Projected Traffic	847
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2004	Latest Year SA funds	2004
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
RECONSTRUCTED SAP 74-645-21(BRIDGES) SAP 74-645-22 (ROADWAY)	Comments	RECONSTRUCTED SAP 74-645-21(BRIDGES) SAP 74-645-22 (ROADWAY)
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74544	Structure Number	74544
3.76	Milepoint	3.76
2005	Year Built	2005
JUD DITCH # 2	Feature Crossed	JUD DITCH # 2
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
62	Bridge Length	62
47.3	Bridge Width	47.3
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Bridge Information

Status: Original

Original		Current
74545	Structure Number	74545
4.01	Milepoint	4.01
2005	Year Built	2005
JUD DITCH # 2	Feature Crossed	JUD DITCH # 2
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
61.8	Bridge Length	61.8
47.3	Bridge Width	47.3
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**2.5 * 872568.71 / 60 * 25 * 1.1**	**$999,818**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**2.5 * 2112 * 49.33 / 20 * 25**	**$325,578**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**2.5 * 13572.97 / 60 * 25**	**$14,139**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**62 * 47.3 * 163 / 80 * 25 * 1.15**	**$171,786**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**61.8 * 47.3 * 163 / 80 * 25 * 1.15**	**$171,232**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + Bridge**	**$0 + $999,818 + $325,578 + $14,139 + $171,786 + $171,232**	**$1,682,553**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-011

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3	Segment Length	3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CR 55 TO CSAH 4	Termini	CR 55 TO CSAH 4
770	Present AADT	770
2015	Year of Count	2015
1.1	Projection Factor	1.1
847	Projected Traffic	847
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2007	Latest Year SA funds	2007
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
74J12	Structure Number	74J12
5.77	Milepoint	5.77
2007	Year Built	2007
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
14	Culvert Width	14
6	Culvert Height	6
70	Culvert Length	70
84.00039921	Area of Waterway Opening	84.00039921
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 872568.71 / 60 * 25 * 1.1	$1,199,782
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 49.33 / 20 * 25	$390,694
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 13572.97 / 60 * 25	$16,966
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	70 * 84.00039921 * 16.61 / 100 * 25 * 1.15	$28,079

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,199,782 + $390,694 + $16,966 + $28,079**	**$1,635,521**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-012

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
7.5	Segment Length	7.5
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 4 TO 0.2 MI S OF OWATONNA	Termini	CSAH 4 TO 0.2 MI S OF OWATONNA
3750	Present AADT	3750
2015	Year of Count	2015
1.1	Projection Factor	1.1
4125	Projected Traffic	4125
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2016	Latest Year SA funds	2016
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2016 SAP 074-645-034 CONCRETE PAVING TO TH14	Comments	2016 SAP 074-645-034 CONCRETE PAVING TO TH14
2015 SAP 074-645-035 SMALL CULVERTS REPLACED		2015 SAP 074-645-035 SMALL CULVERTS REPLACED
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
6743	Structure Number	6743
12.66	Milepoint	12.66
1951	Year Built	1951
TURTLE CREEK	Feature Crossed	TURTLE CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
53	Bridge Length	53
44.5	Bridge Width	44.5
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information

Status: Original

Original		Current
2055	Structure Number	2055
14.49	Milepoint	14.49
1924	Year Built	1924
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
6	Culvert Height	6
60	Culvert Length	60
60.00013138	Area of Waterway Opening	60.00013138
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current

6210	Structure Number	6210
8.38	Milepoint	8.38
1924	Year Built	1924
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
10	Culvert Width	10
4	Culvert Height	4
58	Culvert Length	58
80.00053397	Area of Waterway Opening	80.00053397
100%	Shared Structure	100%
PRECAST CONCRETE BOX	Comments	PRECAST CONCRETE BOX
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	7.5 * 1210468.28 / 60 * 25 * 1.1	$4,160,985
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	7.5 * 2376 * 49.33 / 20 * 25	$1,098,826
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	7.5 * 22935.36 / 60 * 25	$71,673
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	53 * 44.5 * 163 / 80 * 25 * 1.15	$138,157
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	60 * 60.00013138 * 16.61 / 100 * 25 * 1.15	$17,191
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	58 * 80.00053397 * 16.61 / 100 * 25 * 1.15	$22,158
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Culvert + Culvert	$0 + $4,160,985 + $1,098,826 + $71,673 + $138,157 + $17,191 + $22,158	$5,508,990

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-016

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.2	Segment Length	0.2
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.20 MI S TO OWATONNA S LIMS	Termini	0.20 MI S TO OWATONNA S LIMS
3750	Present AADT	3750
2015	Year of Count	2015
1.1	Projection Factor	1.1
4125	Projected Traffic	4125
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2016	Latest Year SA funds	2016
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2016 SAP 074-645-034 CONCRETE PAVING TO TH14 ADJUSTED PROJECTION FACTOR AT DISTRICT LEVEL TO ALLOW FOR 4-LANE DESIGN. JUSTIFICATION WITH DSAE CONCURRENCE WILL BE SUBMITTED FOR SALT RECORDS. APS 5-6-04	Comments	2016 SAP 074-645-034 CONCRETE PAVING TO TH14 ADJUSTED PROJECTION FACTOR AT DISTRICT LEVEL TO ALLOW FOR 4-LANE DESIGN. JUSTIFICATION WITH DSAE CONCURRENCE WILL BE SUBMITTED FOR SALT RECORDS. APS 5-6-04
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 1210468.28 / 60 * 25 * 1.1	$110,960
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2376 * 49.33 / 20 * 25	$29,302
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 22935.36 / 60 * 25	$1,911
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $110,960 + $29,302 + $1,911	$142,173

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-018

Original		Current
OWATONNA	Municipality	OWATONNA
0.1	Segment Length	0.1
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
DIVIDED	Existing Lane Description	DIVIDED
S LIM OWATONNA TO 0.10 M N	Termini	S LIM OWATONNA TO 0.10 M N
7500	Present AADT	7500
2015	Year of Count	2015
1.1	Projection Factor	1.1
8250	Projected Traffic	8250
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1971	Latest Year SA funds	1971
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 3224471.48 / 60 * 25 * 1.15	$154,506
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2904 * 49.33 / 15 * 25	$23,876
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 1553.18 / 60 * 25	$65
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $154,506 + $23,876 + $65	$178,447

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-020

Original		Current
OWATONNA	Municipality	OWATONNA
0.52	Segment Length	0.52
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
DIVIDED	Existing Lane Description	DIVIDED
0.1 M N OF S LIM OWATONNA TO BARNEY ST	Termini	0.1 M N OF S LIM OWATONNA TO BARNEY ST
8100	Present AADT	8100
2015	Year of Count	2015
1.1	Projection Factor	1.1
8910	Projected Traffic	8910
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1971	Latest Year SA funds	1971
4	Number of Signal Legs	4
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	4 * 56250 / 40 * 25	$140,625
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.52 * 3224471.48 / 60 * 25 * 1.15	$803,431
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.52 * 2904 * 49.33 / 15 * 25	$124,154
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.52 * 1553.18 / 60 * 25	$337
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$140,625 + $803,431 + $124,154 + $337	$1,068,547

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-025

Original		Current
OWATONNA	Municipality	OWATONNA
0.15	Segment Length	0.15
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
BARNEY ST TO HOLLY ST	Termini	BARNEY ST TO HOLLY ST
9800	Present AADT	9800
2015	Year of Count	2015
1.1	Projection Factor	1.1
10780	Projected Traffic	10780
URBAN	Design Type	URBAN
6 - URBAN : 10000 - 19999	Design Group	6 (URBAN : 10000 - 19999)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.15 * 4248056.63 / 60 * 25 * 1.15	$305,329
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.15 * 3696 * 49.33 / 15 * 25	$45,581
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.15 * 807187.19 / 60 * 25	$50,449
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $305,329 + $45,581 + $50,449	$401,359

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-030

Original		Current
OWATONNA	Municipality	OWATONNA
0.38	Segment Length	0.38
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
HOLLY ST TO NORTHVIEW ST	Termini	HOLLY ST TO NORTHVIEW ST
10900	Present AADT	10900
2015	Year of Count	2015
1.1	Projection Factor	1.1
11990	Projected Traffic	11990
URBAN	Design Type	URBAN
6 - URBAN : 10000 - 19999	Design Group	6 (URBAN : 10000 - 19999)
1988	Latest Year SA funds	1988
2	Number of Signal Legs	2
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	2 * 56250 / 40 * 25	$70,313
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.38 * 4248056.63 / 60 * 25 * 1.15	$773,500
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.38 * 3696 * 49.33 / 15 * 25	$115,472
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.38 * 807187.19 / 60 * 25	$127,805
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$70,313 + $773,500 + $115,472 + $127,805	$1,087,090

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-040

Original		Current
OWATONNA	Municipality	OWATONNA
0.38	Segment Length	0.38
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
NORTHVIEW ST TO MILL ST	Termini	NORTHVIEW ST TO MILL ST
10900	Present AADT	10900
2015	Year of Count	2015
1.1	Projection Factor	1.1
11990	Projected Traffic	11990
URBAN	Design Type	URBAN
6 - URBAN : 10000 - 19999	Design Group	6 (URBAN : 10000 - 19999)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.38 * 4248056.63 / 60 * 25 * 1.15	$773,500
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.38 * 3696 * 49.33 / 15 * 25	$115,472
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.38 * 807187.19 / 60 * 25	$127,805
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $773,500 + $115,472 + $127,805	$1,016,777

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-050

Original		Current
OWATONNA	Municipality	OWATONNA
0.08	Segment Length	0.08
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
MILL ST TO MAIN ST (CSAH 48)	Termini	MILL ST TO MAIN ST (CSAH 48)
12600	Present AADT	12600
2015	Year of Count	2015
1.1	Projection Factor	1.1
13860	Projected Traffic	13860
URBAN	Design Type	URBAN
6 - URBAN : 10000 - 19999	Design Group	6 (URBAN : 10000 - 19999)
1988	Latest Year SA funds	1988
1	Number of Signal Legs	1
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.08 * 4248056.63 / 60 * 25 * 1.15	$162,842
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.08 * 3696 * 49.33 / 15 * 25	$24,310
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.08 * 807187.19 / 60 * 25	$26,906
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$35,156 + $162,842 + $24,310 + $26,906	$249,214

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-051

Original		Current
OWATONNA	Municipality	OWATONNA
0.21	Segment Length	0.21
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
MAIN ST TO PEARL ST	Termini	MAIN ST TO PEARL ST
9800	Present AADT	9800
2015	Year of Count	2015
1.1	Projection Factor	1.1
10780	Projected Traffic	10780
URBAN	Design Type	URBAN
6 - URBAN : 10000 - 19999	Design Group	6 (URBAN : 10000 - 19999)
1981	Latest Year SA funds	1981
3	Number of Signal Legs	3
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	3 * 56250 / 40 * 25	$105,469
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.21 * 4248056.63 / 60 * 25 * 1.15	$427,461
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.21 * 3696 * 49.33 / 15 * 25	$63,813
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.21 * 807187.19 / 60 * 25	$70,629
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$105,469 + $427,461 + $63,813 + $70,629	$667,372

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-052

Original		Current
OWATONNA	Municipality	OWATONNA
0.1	Segment Length	0.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
PEARL ST TO ROSE ST	Termini	PEARL ST TO ROSE ST
9800	Present AADT	9800
2015	Year of Count	2015
1.1	Projection Factor	1.1
10780	Projected Traffic	10780
URBAN	Design Type	URBAN
6 - URBAN : 10000 - 19999	Design Group	6 (URBAN : 10000 - 19999)
2000	Latest Year SA funds	2000
1	Number of Signal Legs	1
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
3921	Structure Number	3921
17.06	Milepoint	17.06
1923	Year Built	1923
STRAIGHT RIVER	Feature Crossed	STRAIGHT RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
129.1	Bridge Length	129.1
63.3	Bridge Width	63.3
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 4248056.63 / 60 * 25 * 1.15	$203,553
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 3696 * 49.33 / 15 * 25	$30,387
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 807187.19 / 60 * 25	$33,633
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	129.1 * 63.3 * 163 / 80 * 25 * 1.15	$478,702
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$35,156 + $203,553 + $30,387 + $33,633 + $478,702	$781,431

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-053

Original		Current
OWATONNA	Municipality	OWATONNA
0.55	Segment Length	0.55
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
4	Existing Surface Lanes	4
DIVIDED	Existing Lane Description	DIVIDED
ROSE ST TO BR 74007	Termini	ROSE ST TO BR 74007
9900	Present AADT	9900
2015	Year of Count	2015
1.1	Projection Factor	1.1
10890	Projected Traffic	10890
URBAN	Design Type	URBAN
6 - URBAN : 10000 - 19999	Design Group	6 (URBAN : 10000 - 19999)
2003	Latest Year SA funds	2003
3	Number of Signal Legs	3
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2003 RESEARCH PROJECT, BITUMINOUS INTERLAYER, GLASS GRID, 2350 NON-WEAR& WEAR (SAP 74-645-27 AND -28 APS)	Comments	2003 RESEARCH PROJECT, BITUMINOUS INTERLAYER, GLASS GRID, 2350 NON-WEAR& WEAR (SAP 74-645-27 AND -28 APS)
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74007	Structure Number	74007
17.44	Milepoint	17.44
1968	Year Built	1968
UP RR	Feature Crossed	UP RR
HWY / R.R.	Type of Service	HWY / R.R.
0	Number of Spans	0
158.5	Bridge Length	158.5
80.7	Bridge Width	80.7
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Bridge Information

Status: Original

Original		Current
5335	Structure Number	5335
17.3	Milepoint	17.3
1935	Year Built	1935
CSAH 45	Feature Crossed	CSAH 45
R.R. / HWY	Type of Service	R.R. / HWY
0	Number of Spans	0
140.6	Bridge Length	140.6
0	Bridge Width	0
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result

Signal Leg	**TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear**	**3 * 56250 / 40 * 25**	**$105,469**
Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**0.55 * 4248056.63 / 60 * 25 * 1.15**	**$1,119,540**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**0.55 * 3696 * 49.33 / 15 * 25**	**$167,130**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**0.55 * 807187.19 / 60 * 25**	**$184,980**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**158.5 * 80.7 * 147 / 80 * 25 * 1.15**	**$675,722**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**140.6 * 0 * 163 / 80 * 25 * 1.15**	**$0**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + Bridge**	**$105,469 + $1,119,540 + $167,130 + $184,980 + $675,722 + $0**	**$2,252,841**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-055

Original		Current
OWATONNA	Municipality	OWATONNA
0.24	Segment Length	0.24
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
4	Existing Surface Lanes	4
DIVIDED	Existing Lane Description	DIVIDED
BRIDGE 74007 TO STATE AVE	Termini	BRIDGE 74007 TO STATE AVE
9900	Present AADT	9900
2015	Year of Count	2015
1.1	Projection Factor	1.1
10890	Projected Traffic	10890
URBAN	Design Type	URBAN
6 - URBAN : 10000 - 19999	Design Group	6 (URBAN : 10000 - 19999)
1984	Latest Year SA funds	1984
1	Number of Signal Legs	1
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.24 * 4248056.63 / 60 * 25 * 1.15	$488,527
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.24 * 3696 * 49.33 / 15 * 25	$72,929
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.24 * 807187.19 / 60 * 25	$80,719
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$35,156 + $488,527 + $72,929 + $80,719	$677,331

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-056

Original		Current
OWATONNA	Municipality	OWATONNA
0.12	Segment Length	0.12
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
4	Existing Surface Lanes	4
DIVIDED	Existing Lane Description	DIVIDED
STATE AVE TO FRONTAGE LANE	Termini	STATE AVE TO FRONTAGE LANE
4550	Present AADT	4550
2015	Year of Count	2015
1.1	Projection Factor	1.1
5005	Projected Traffic	5005
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2002	Latest Year SA funds	2002
1	Number of Signal Legs	1
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
CONSTRUCTED IN 2002 AND 2003. OWATONNA CITY CONTRACT. (SAP 74-645-20, LET 6-28-02. APS).	Comments	CONSTRUCTED IN 2002 AND 2003. OWATONNA CITY CONTRACT. (SAP 74-645-20, LET 6-28-02. APS).
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.12 * 3224471.48 / 60 * 25 * 1.15	$185,407
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.12 * 2904 * 49.33 / 15 * 25	$28,651
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.12 * 1553.18 / 60 * 25	$78
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$35,156 + $185,407 + $28,651 + $78	$249,292

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-057

Original		Current
OWATONNA	Municipality	OWATONNA
0.61	Segment Length	0.61
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FRONTAGE LANE TO 0.60 MI N AND W OF STATE AVE	Termini	FRONTAGE LANE TO 0.60 MI N AND W OF STATE AVE
4550	Present AADT	4550
2015	Year of Count	2015
1.1	Projection Factor	1.1
5005	Projected Traffic	5005
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2006	Latest Year SA funds	2006
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SAP 74-645-026, 2006	Comments	SAP 74-645-026, 2006
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.61 * 3224471.48 / 60 * 25 * 1.15	$942,486
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.61 * 2904 * 49.33 / 15 * 25	$145,642
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.61 * 1553.18 / 60 * 25	$395
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $942,486 + $145,642 + $395	$1,088,523

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-059

Original		Current
OWATONNA	Municipality	OWATONNA
0.18	Segment Length	0.18
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FROM 0.60 MI N AND W OF STATE AVE TO 0.50 MI S OF CSAH 34	Termini	FROM 0.60 MI N AND W OF STATE AVE TO 0.50 MI S OF CSAH 34
3400	Present AADT	3400
2015	Year of Count	2015
1.1	Projection Factor	1.1
3740	Projected Traffic	3740
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1984	Latest Year SA funds	1984
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.18 * 1210468.28 / 60 * 25 * 1.1	$99,864
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.18 * 2376 * 49.33 / 20 * 25	$26,372
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.18 * 22935.36 / 60 * 25	$1,720
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $99,864 + $26,372 + $1,720	$127,956

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-061

Original		Current
OWATONNA	Municipality	OWATONNA
0.5	Segment Length	0.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FROM 0.50 MI S OF CSAH 34 TO CSAH 34	Termini	FROM 0.50 MI S OF CSAH 34 TO CSAH 34
3400	Present AADT	3400
2015	Year of Count	2015
1.1	Projection Factor	1.1
3740	Projected Traffic	3740
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2002	Latest Year SA funds	2002
1	Number of Signal Legs	1
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
2016 SAP 074-634-023 M&OL SIGNALS @ CSAH 45 CONSTRUCTED IN 2002, 2003, 2004 UNDER FP # STPX 7402(169) (SP 74-645-19, LET 8-12-02. APS)	Comments	2016 SAP 074-634-023 M&OL SIGNALS @ CSAH 45 CONSTRUCTED IN 2002, 2003, 2004 UNDER FP # STPX 7402(169) (SP 74-645-19, LET 8-12-02. APS)
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 1210468.28 / 60 * 25 * 1.1	$277,399
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2376 * 49.33 / 20 * 25	$73,255
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 22935.36 / 60 * 25	$4,778
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$35,156 + $277,399 + $73,255 + $4,778	$390,588

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-063

Original		Current
OWATONNA	Municipality	OWATONNA
2.8	Segment Length	2.8
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 34 TO BRIDGE 74518	Termini	CSAH 34 TO BRIDGE 74518
3150	Present AADT	3150
2015	Year of Count	2015
1.1	Projection Factor	1.1
3465	Projected Traffic	3465
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2002	Latest Year SA funds	2002
1	Number of Signal Legs	1
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
2016 SAP 074-634-023 M&OL SIGNALS @ CSAH 45 CONSTRUCTED IN 2002, 2003, 2004 UNDER FP # STPX 7402(169) (SP 74-645-19, LET 8-12-02. APS)	Comments	2016 SAP 074-634-023 M&OL SIGNALS @ CSAH 45 CONSTRUCTED IN 2002, 2003, 2004 UNDER FP # STPX 7402(169) (SP 74-645-19, LET 8-12-02. APS)
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74518	Structure Number	74518
21.62	Milepoint	21.62
1969	Year Built	1969
STRAIGHT RIVER	Feature Crossed	STRAIGHT RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
189.6	Bridge Length	189.6
42.2	Bridge Width	42.2
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.8 * 1210468.28 / 60 * 25 * 1.1	$1,553,434
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.8 * 2376 * 49.33 / 20 * 25	$410,228
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.8 * 22935.36 / 60 * 25	$26,758

Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**189.6 * 42.2 * 147 / 80 * 25 * 1.15**	**$422,684**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$35,156 + $1,553,434 + $410,228 + $26,758 + $422,684**	**$2,448,260**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-068

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
BRIDGE 74518 TO 5TH AVE SE AT S LIMITS MEDFORD	Termini	BRIDGE 74518 TO 5TH AVE SE AT S LIMITS MEDFORD
2500	Present AADT	2500
2015	Year of Count	2015
1.1	Projection Factor	1.1
2750	Projected Traffic	2750
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2002	Latest Year SA funds	2002
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
CONSTRUCTED IN 2002, 2003, 2004 UNDER FP # STPX 7402(169)	Comments	CONSTRUCTED IN 2002, 2003, 2004 UNDER FP # STPX 7402(169)
(SP 74-645-19, LET 8-12-02. APS)		(SP 74-645-19, LET 8-12-02. APS)
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 1210468.28 / 60 * 25 * 1.1	$776,717
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 2376 * 49.33 / 20 * 25	$205,114
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 22935.36 / 60 * 25	$13,379
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $776,717 + $205,114 + $13,379	$995,210

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-080

Original		Current
MEDFORD	Municipality	MEDFORD
0.38	Segment Length	0.38
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
5TH AVE SE AT S LIMITS MEDFORD TO CENTRAL AVE, MEDFORD	Termini	5TH AVE SE AT S LIMITS MEDFORD TO CENTRAL AVE, MEDFORD
2700	Present AADT	2700
2015	Year of Count	2015
1.1	Projection Factor	1.1
2970	Projected Traffic	2970
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2002	Latest Year SA funds	2002
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
SEGMENET SEAL COATED UNDER FP # STPX 7402(169)	Comments	SEGMENET SEAL COATED UNDER FP # STPX 7402(169)
(SP 74-645-19, LET 8-12-02. APS)		(SP 74-645-19, LET 8-12-02. APS)
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.38 * 3224471.48 / 60 * 25 * 1.15	$587,123
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.38 * 2904 * 49.33 / 15 * 25	$90,728
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.38 * 1553.18 / 60 * 25	$246
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $587,123 + $90,728 + $246	$678,097

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-082

Original		Current
MEDFORD	Municipality	MEDFORD
0.14	Segment Length	0.14
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CENTRAL AVE TO 2ND AVE NW	Termini	CENTRAL AVE TO 2ND AVE NW
3300	Present AADT	3300
2015	Year of Count	2015
1.1	Projection Factor	1.1
3630	Projected Traffic	3630
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2002	Latest Year SA funds	2002
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
SEGMENT SEAL COATED UNDER FP # STPX 7402(169)	Comments	SEGMENT SEAL COATED UNDER FP # STPX 7402(169)
(SP 74-645-19, LET 8-12-02. APS)		(SP 74-645-19, LET 8-12-02. APS)
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.14 * 3224471.48 / 60 * 25 * 1.15	$216,308
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.14 * 2904 * 49.33 / 15 * 25	$33,426
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.14 * 1553.18 / 60 * 25	$91
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $216,308 + $33,426 + $91	$249,825

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	STEELE	Segment Nbr : 074-645-090

Original		Current
MEDFORD	Municipality	MEDFORD
0.16	Segment Length	0.16
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2ND AVE NW TO N LIMITS MEDFORD	Termini	2ND AVE NW TO N LIMITS MEDFORD
3300	Present AADT	3300
2015	Year of Count	2015
1.1	Projection Factor	1.1
3630	Projected Traffic	3630
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2002	Latest Year SA funds	2002
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
CONSTRUCTED IN 2002, 2003, 2004 UNDER FP # 7402(169)	Comments	CONSTRUCTED IN 2002, 2003, 2004 UNDER FP # 7402(169)
(SP 74-645-19, LET 8-12-02. APS)		(SP 74-645-19, LET 8-12-02. APS)
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.16 * 1210468.28 / 60 * 25 * 1.1	$88,768
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.16 * 2376 * 49.33 / 20 * 25	$23,442
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.16 * 22935.36 / 60 * 25	$1,529
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $88,768 + $23,442 + $1,529	$113,739

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-645-100

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
NO LIMS MEDFORD TO NO CO LINE	Termini	NO LIMS MEDFORD TO NO CO LINE
3300	Present AADT	3300
2015	Year of Count	2015
1.1	Projection Factor	1.1
3630	Projected Traffic	3630
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2002	Latest Year SA funds	2002
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
74517	Structure Number	74517
24.2	Milepoint	24.2
1969	Year Built	1969
STRAIGHT RIVER	Feature Crossed	STRAIGHT RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
164.3	Bridge Length	164.3
42.2	Bridge Width	42.2
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 1210468.28 / 60 * 25 * 1.1	$776,717
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 2376 * 49.33 / 20 * 25	$205,114
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 22935.36 / 60 * 25	$13,379
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	164.3 * 42.2 * 147 / 80 * 25 * 1.15	$366,282
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $776,717 + $205,114 + $13,379 + $366,282	$1,361,492

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-646-010

Original		Current
BLOOMING PRAIRIE	Municipality	BLOOMING PRAIRIE
1	Segment Length	1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 15 TO TH 30	Termini	CSAH 15 TO TH 30
400	Present AADT	400
2015	Year of Count	2015
1.1	Projection Factor	1.1
440	Projected Traffic	440
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1976	Latest Year SA funds	1976
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 872568.71 / 60 * 25 * 1.1	$399,927
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 49.33 / 20 * 25	$130,231
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 13572.97 / 60 * 25	$5,655
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $399,927 + $130,231 + $5,655	$535,813

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-647-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.2	Segment Length	0.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 4 TO 0.20 MI SO	Termini	CSAH 4 TO 0.20 MI SO
160	Present AADT	160
2015	Year of Count	2015
1.1	Projection Factor	1.1
176	Projected Traffic	176
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1977	Latest Year SA funds	1977
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 3224471.48 / 60 * 25 * 1.15	$309,012
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2904 * 49.33 / 15 * 25	$47,751
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 1553.18 / 60 * 25	$129
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $309,012 + $47,751 + $129	$356,892

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-647-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.1	Segment Length	0.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.20 MI SO CSAH 4 TO TH 218	Termini	0.20 MI SO CSAH 4 TO TH 218
160	Present AADT	160
2015	Year of Count	2015
1.1	Projection Factor	1.1
176	Projected Traffic	176
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1989	Latest Year SA funds	1989
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380272J	USDOT Number	380272J
0.25	Located at Milepoint	0.25
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 872568.71 / 60 * 25 * 1.1	$39,993
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2112 * 49.33 / 20 * 25	$13,023
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 13572.97 / 60 * 25	$566
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $39,993 + $13,023 + $566 + $1,500 + $43,200	$98,282

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-648-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.6	Segment Length	0.6
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 14 TO 18TH ST SE	Termini	TH 14 TO 18TH ST SE
2650	Present AADT	2650
2015	Year of Count	2015
1.1	Projection Factor	1.1
2915	Projected Traffic	2915
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.6 * 1210468.28 / 60 * 25 * 1.1	$332,879
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.6 * 2376 * 49.33 / 20 * 25	$87,906
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.6 * 22935.36 / 60 * 25	$5,734
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $332,879 + $87,906 + $5,734	$426,519

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-648-020

Original		Current
OWATONNA	Municipality	OWATONNA
1.27	Segment Length	1.27
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
18TH ST SE TO 1.27 MI N OF 18TH ST SE	Termini	18TH ST SE TO 1.27 MI N OF 18TH ST SE
4150	Present AADT	4150
2015	Year of Count	2015
1.1	Projection Factor	1.1
4565	Projected Traffic	4565
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.27 * 1210468.28 / 60 * 25 * 1.1	$704,593
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.27 * 2376 * 49.33 / 20 * 25	$186,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.27 * 22935.36 / 60 * 25	$12,137
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $704,593 + $186,068 + $12,137	$902,798

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-648-030

Original		Current
OWATONNA	Municipality	OWATONNA
0.17	Segment Length	0.17
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.27 MI N OF 18TH ST SE TO CHAMBERS AVE	Termini	1.27 MI N OF 18TH ST SE TO CHAMBERS AVE
5300	Present AADT	5300
2015	Year of Count	2015
1.1	Projection Factor	1.1
5830	Projected Traffic	5830
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1999	Latest Year SA funds	1999
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.17 * 3224471.48 / 60 * 25 * 1.15	$262,660
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.17 * 2904 * 49.33 / 15 * 25	$40,589
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.17 * 1553.18 / 60 * 25	$110
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $262,660 + $40,589 + $110	$303,359

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-648-040

Original		Current
OWATONNA	Municipality	OWATONNA
0.16	Segment Length	0.16
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CHAMBERS TO LINCOLN AVE	Termini	CHAMBERS TO LINCOLN AVE
5900	Present AADT	5900
2015	Year of Count	2015
1.1	Projection Factor	1.1
6490	Projected Traffic	6490
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1998	Latest Year SA funds	1998
1	Number of Signal Legs	1
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.16 * 3224471.48 / 60 * 25 * 1.15	$247,209
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.16 * 2904 * 49.33 / 15 * 25	$38,201
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.16 * 1553.18 / 60 * 25	$104
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$35,156 + $247,209 + $38,201 + $104	$320,670

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-648-050

Original		Current
OWATONNA	Municipality	OWATONNA
0.24	Segment Length	0.24
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
LINCOLN AVE TO GROVE AVE	Termini	LINCOLN AVE TO GROVE AVE
6100	Present AADT	6100
2015	Year of Count	2015
1.1	Projection Factor	1.1
6710	Projected Traffic	6710
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1998	Latest Year SA funds	1998
2	Number of Signal Legs	2
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	2 * 56250 / 40 * 25	$70,313
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.24 * 3224471.48 / 60 * 25 * 1.15	$370,814
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.24 * 2904 * 49.33 / 15 * 25	$57,302
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.24 * 1553.18 / 60 * 25	$155
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$70,313 + $370,814 + $57,302 + $155	$498,584

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-648-060

Original		Current
OWATONNA	Municipality	OWATONNA
0.12	Segment Length	0.12
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
GROVE AVE TO ELM AVE	Termini	GROVE AVE TO ELM AVE
7900	Present AADT	7900
2015	Year of Count	2015
1.1	Projection Factor	1.1
8690	Projected Traffic	8690
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1998	Latest Year SA funds	1998
2	Number of Signal Legs	2
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	2 * 56250 / 40 * 25	$70,313
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.12 * 3224471.48 / 60 * 25 * 1.15	$185,407
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.12 * 2904 * 49.33 / 15 * 25	$28,651
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.12 * 1553.18 / 60 * 25	$78
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$70,313 + $185,407 + $28,651 + $78	$284,449

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-648-070

Original		Current
OWATONNA	Municipality	OWATONNA
0.1	Segment Length	0.1
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
ELM AVE TO E PARK SQ	Termini	ELM AVE TO E PARK SQ
7900	Present AADT	7900
2015	Year of Count	2015
1.1	Projection Factor	1.1
8690	Projected Traffic	8690
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2005	Latest Year SA funds	2005
1	Number of Signal Legs	1
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
SAP 74-648-06 MILL AND OVERLAY, LET 5-27-05, APS.	Comments	SAP 74-648-06 MILL AND OVERLAY, LET 5-27-05, APS.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 3224471.48 / 60 * 25 * 1.15	$154,506
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2904 * 49.33 / 15 * 25	$23,876
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 1553.18 / 60 * 25	$65
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$35,156 + $154,506 + $23,876 + $65	$213,603

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-648-080

Original		Current
OWATONNA	Municipality	OWATONNA
0.03	Segment Length	0.03
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
E PARK SQUARE TO S CEDAR AVE	Termini	E PARK SQUARE TO S CEDAR AVE
10800	Present AADT	10800
2015	Year of Count	2015
1.1	Projection Factor	1.1
11880	Projected Traffic	11880
URBAN	Design Type	URBAN
6 - URBAN : 10000 - 19999	Design Group	6 (URBAN : 10000 - 19999)
2005	Latest Year SA funds	2005
1	Number of Signal Legs	1
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
SAP 74-648-06 MILL AND OVERLAY, LET 5-27-05, APS.	Comments	SAP 74-648-06 MILL AND OVERLAY, LET 5-27-05, APS.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	1 * 56250 / 40 * 25	$35,156
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.03 * 4248056.63 / 60 * 25 * 1.15	$61,066
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.03 * 3696 * 49.33 / 15 * 25	$9,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.03 * 807187.19 / 60 * 25	$10,090
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$35,156 + $61,066 + $9,116 + $10,090	$115,428

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	STEELE	Segment Nbr : 074-648-090

Original		Current
OWATONNA	Municipality	OWATONNA
0.12	Segment Length	0.12
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
4	Existing Surface Lanes	4
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S CEDAR AVE TO OAK AVE	Termini	S CEDAR AVE TO OAK AVE
10800	Present AADT	10800
2015	Year of Count	2015
1.1	Projection Factor	1.1
11880	Projected Traffic	11880
URBAN	Design Type	URBAN
6 - URBAN : 10000 - 19999	Design Group	6 (URBAN : 10000 - 19999)
2005	Latest Year SA funds	2005
2	Number of Signal Legs	2
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
SAP 74-648-06 MILL AND OVERLAY, LET 5-27-05, APS.	Comments	SAP 74-648-06 MILL AND OVERLAY, LET 5-27-05, APS.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	2 * 56250 / 40 * 25	$70,313
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.12 * 4248056.63 / 60 * 25 * 1.15	$244,263
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.12 * 3696 * 49.33 / 15 * 25	$36,465
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.12 * 807187.19 / 60 * 25	$40,359
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$70,313 + $244,263 + $36,465 + $40,359	$391,400

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-649-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.1	Segment Length	1.1
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 45 TO RICE COUNTY LINE	Termini	CSAH 45 TO RICE COUNTY LINE
1000	Present AADT	1000
2015	Year of Count	2015
1.1	Projection Factor	1.1
1100	Projected Traffic	1100
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
0	Latest Year SA funds	0
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
THIS WILL BE A 10 TON CONNECTION TO RICE COUNTY'S 10 TON ROAD. IT SERVICES AN ACTIVE GRAVEL PIT, CONCRETE BLOCK PLANT, CEMENT BAGGING PLANT AND A WASTE RECYCLING PLANT.	Comments	THIS WILL BE A 10 TON CONNECTION TO RICE COUNTY'S 10 TON ROAD. IT SERVICES AN ACTIVE GRAVEL PIT, CONCRETE BLOCK PLANT, CEMENT BAGGING PLANT AND A WASTE RECYCLING PLANT.
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
380317N	USDOT Number	380317N
0.01	Located at Milepoint	0.01
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
32	Crossing Length	32
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.1 * 872568.71 / 60 * 25 * 1.1	$439,920
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.1 * 2112 * 49.33 / 20 * 25	$143,254
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.1 * 13572.97 / 60 * 25	$6,221
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500

RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**32 * 1350 / 25 * 25**	**$43,200**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $439,920 + $143,254 + $6,221 + $1,500 + $43,200**	**$634,095**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-660-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.7	Segment Length	2.7
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 45 TO TH 218	Termini	CSAH 45 TO TH 218
415	Present AADT	415
2015	Year of Count	2015
1.1	Projection Factor	1.1
457	Projected Traffic	457
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1994	Latest Year SA funds	1994
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.7 * 872568.71 / 60 * 25 * 1.1	$1,079,804
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.7 * 2112 * 49.33 / 20 * 25	$351,624
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.7 * 13572.97 / 60 * 25	$15,270
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,079,804 + $351,624 + $15,270	$1,446,698

Roadway Segment Information

Status : Original

County Name : STEELE

Segment Nbr : 074-667-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.5	Segment Length	2.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 14 TO CSAH 4	Termini	CSAH 14 TO CSAH 4
235	Present AADT	235
2015	Year of Count	2015
1.1	Projection Factor	1.1
259	Projected Traffic	259
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1983	Latest Year SA funds	1983
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.5 * 872568.71 / 60 * 25 * 1.1	$999,818
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.5 * 2112 * 49.33 / 20 * 25	$325,578
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.5 * 13572.97 / 60 * 25	$14,139
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $999,818 + $325,578 + $14,139	$1,339,535