

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-601-010

Original	Current
Unassigned/Unknown	Unassigned/Unknown
4	4
MIXED BITUMINOUS	MIXED BITUMINOUS
2	2
NOT DIVIDED	NOT DIVIDED
TH 72 TO CO RD 86	TH 72 TO CO RD 86
100	100
2019	2019
1.1	1.1
110	110
RURAL	RURAL
2 - RURAL : 150 - 1499	2 (RURAL : 150 - 1499)
2019	2019
0	0
No Special Message	No Special Message
2019 SAP 039-601-031 RC&OL	2019 SAP 039-601-031 RC&OL
	Interchange Override
	Segment Override

Culvert Information

Status: Original

Original	Current
97709	97709
1.92	1.92
1994	1994
CHRISTY CREEK	CHRISTY CREEK
STREAM CROSSING	STREAM CROSSING
1	1
12	12
10	10
96	96
120.00026276	120.00026276
100%	100%
	Comments
1	1
	Culvert Group Code

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4 * 951372.33 / 60 * 25 * 1.1	\$1,744,183
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 2112 * 45.57 / 20 * 25	\$481,219
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 15289.84 / 60 * 25	\$25,483
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	96 * 120.00026276 * 18.01 / 100 * 25 * 1.15	\$59,649
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	\$0 + \$1,744,183 + \$481,219 + \$25,483 + \$59,649	\$2,310,534

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :		Segment Nbr : 039-601-020
LAKE OF THE WOODS		
Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
8	Segment Length	8
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CR 86 TO S. JCT. CSAH 5	Termini	CR 86 TO S. JCT. CSAH 5
165	Present AADT	165
2019	Year of Count	2019
1.1	Projection Factor	1.1
182	Projected Traffic	182
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 039-601-029 M&OL	Comments	2015 SAP 039-601-029 M&OL
	Interchange Override	
	Segment Override	

Bridge Information		Status: Original
Original		Current
39501	Structure Number	39501
4.46	Milepoint	4.46
1960	Year Built	1960
S BR RAPID RIVER	Feature Crossed	S BR RAPID RIVER
	Type of Service	
	Number of Spans	
161	Bridge Length	161
32.1	Bridge Width	32.1
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Bridge Information		Status: Original
Original		Current
39503	Structure Number	39503
6.37	Milepoint	6.37
1966	Year Built	1966
N BR RAPID RIVER	Feature Crossed	N BR RAPID RIVER
	Type of Service	
	Number of Spans	
111	Bridge Length	111
32.7	Bridge Width	32.7
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information		Status: Original
Original		Current
39J34	Structure Number	39J34
6.99	Milepoint	6.99
2009	Year Built	2009
Kvalness Creek	Feature Crossed	Kvalness Creek
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1

10	Culvert Width	10
7	Culvert Height	7
126	Culvert Length	126
68	Area of Waterway Opening	68
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	8 * 951372.33 / 60 * 25 * 1.1	\$3,488,365
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	8 * 2112 * 45.57 / 20 * 25	\$962,438
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	8 * 15289.84 / 60 * 25	\$50,966
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	161 * 32.1 * 141 / 80 * 25 * 1.15	\$261,877
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	111 * 32.7 * 173 / 80 * 25 * 1.15	\$225,665
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	126 * 68 * 18.01 / 100 * 25 * 1.15	\$44,364
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Bridge + Culvert	\$0 + \$3,488,365 + \$962,438 + \$50,966 + \$261,877 + \$225,665 + \$44,364	\$5,033,675

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-601-050

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
S. JCT. CSAH 5 TO CSAH 3	Termini	S. JCT. CSAH 5 TO CSAH 3
250	Present AADT	250
2019	Year of Count	2019
1.1	Projection Factor	1.1
275	Projected Traffic	275
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 039-601-029 M&OL	Comments	2015 SAP 039-601-029 M&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
94201	Structure Number	94201
15.45	Milepoint	15.45
1991	Year Built	1991
W FK BAUDETTE RIVER	Feature Crossed	W FK BAUDETTE RIVER
	Type of Service	
2	Number of Barrels	2
10	Culvert Width	10
6	Culvert Height	6
60	Culvert Length	60
120.00026276	Area of Waterway Opening	120.00026276
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
96880	Structure Number	96880
12.6	Milepoint	12.6
1995	Year Built	1995
BAUDETTE RIVER	Feature Crossed	BAUDETTE RIVER
	Type of Service	
2	Number of Barrels	2
	Culvert Width	
	Culvert Height	
54	Culvert Length	54
240.00052552	Area of Waterway Opening	240.00052552
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
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Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4 * 951372.33 / 60 * 25 * 1.1	\$1,744,183
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 2112 * 45.57 / 20 * 25	\$481,219
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 15289.84 / 60 * 25	\$25,483
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	60 * 120.00026276 * 18.01 / 100 * 25 * 1.15	\$37,281
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	54 * 240.00052552 * 18.01 / 100 * 25 * 1.15	\$67,105
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert + Culvert	\$0 + \$1,744,183 + \$481,219 + \$25,483 + \$37,281 + \$67,105	\$2,355,271

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-601-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4.1	Segment Length	4.1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 3 TO 0.20 M SOUTH OF CSAH 27	Termini	CSAH 3 TO 0.20 M SOUTH OF CSAH 27
250	Present AADT	250
2019	Year of Count	2019
1.1	Projection Factor	1.1
275	Projected Traffic	275
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
No Special Message	Special Message Code	No Special Message
WIDENED GRADE AND BASE IN 2006. SURFACING DONE IN 2007.	Comments	WIDENED GRADE AND BASE IN 2006. SURFACING DONE IN 2007.
SAP 39-601-25		SAP 39-601-25
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.1 * 951372.33 / 60 * 25 * 1.1	\$1,787,787
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.1 * 2112 * 45.57 / 20 * 25	\$493,250
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.1 * 15289.84 / 60 * 25	\$26,120
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$1,787,787 + \$493,250 + \$26,120	\$2,307,157

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-601-075

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
0.20 M SOUTH OF CSAH 27 TO CSAH 27 (S LIMS BAUDETTE)	Termini	0.20 M SOUTH OF CSAH 27 TO CSAH 27 (S LIMS BAUDETTE)
1000	Present AADT	1000
2019	Year of Count	2019
1.1	Projection Factor	1.1
1100	Projected Traffic	1100
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 039-601-028 M&OL	Comments	2015 SAP 039-601-028 M&OL
RECONSTRUCTED UNDER SAP 39-601-022		RECONSTRUCTED UNDER SAP 39-601-022
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 2647155.73 / 60 * 25 * 1.15	\$253,686
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2904 * 45.57 / 15 * 25	\$44,112
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 76818.03 / 60 * 25	\$6,402
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$253,686 + \$44,112 + \$6,402	\$304,200

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Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-601-080

Original		Current
BAUDETTE	Municipality	BAUDETTE
0.35	Segment Length	0.35
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
(CSAH 27(S LIMS BAUDETTE) TO TH 11	Termini	(CSAH 27(S LIMS BAUDETTE) TO TH 11
1000	Present AADT	1000
2019	Year of Count	2019
1.1	Projection Factor	1.1
1100	Projected Traffic	1100
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 039-601-028 M&OL	Comments	2015 SAP 039-601-028 M&OL
RECONSTRUCTED UNDER SAP39-601-022		RECONSTRUCTED UNDER SAP39-601-022
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.35 * 2647155.73 / 60 * 25 * 1.15	\$443,950
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.35 * 2904 * 45.57 / 15 * 25	\$77,196
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.35 * 76818.03 / 60 * 25	\$11,203
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$443,950 + \$77,196 + \$11,203	\$532,349

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-602-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.3	Segment Length	3.3
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 3 TO 3.3 MI NO	Termini	CSAH 3 TO 3.3 MI NO
110	Present AADT	110
2019	Year of Count	2019
1.1	Projection Factor	1.1
121	Projected Traffic	121
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 039-602-020 M&OL	Comments	2016 SAP 039-602-020 M&OL
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
92283	Structure Number	92283
0.35	Milepoint	0.35
1966	Year Built	1966
WINTER ROAD RIVER	Feature Crossed	WINTER ROAD RIVER
	Type of Service	
	Number of Spans	
48.1	Bridge Length	48.1
30.2	Bridge Width	30.2
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.3 * 951372.33 / 60 * 25 * 1.1	\$1,438,951
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.3 * 2112 * 45.57 / 20 * 25	\$397,006
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.3 * 15289.84 / 60 * 25	\$21,024
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	48.1 * 30.2 * 173 / 80 * 25 * 1.15	\$90,312
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	\$0 + \$1,438,951 + \$397,006 + \$21,024 + \$90,312	\$1,947,293

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-602-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.2	Segment Length	3.2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
3.3 MI N CSAH 3 TO S LIMS WILLIAMS	Termini	3.3 MI N CSAH 3 TO S LIMS WILLIAMS
105	Present AADT	105
2019	Year of Count	2019
1.1	Projection Factor	1.1
116	Projected Traffic	116
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 039-602-020 M&OL	Comments	2016 SAP 039-602-020 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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.2 * 951372.33 / 60 * 25 * 1.1	\$1,395,346
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.2 * 2112 * 45.57 / 20 * 25	\$384,975
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.2 * 15289.84 / 60 * 25	\$20,386
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$1,395,346 + \$384,975 + \$20,386	\$1,800,707

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-602-030

Original		Current
WILLIAMS	Municipality	WILLIAMS
0.49	Segment Length	0.49
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S LIM WILLIAMS TO TH 11	Termini	S LIM WILLIAMS TO TH 11
105	Present AADT	105
2019	Year of Count	2019
1.1	Projection Factor	1.1
116	Projected Traffic	116
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 039-602-020 M&OL	Comments	2016 SAP 039-602-020 M&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
96820	Structure Number	96820
6.57	Milepoint	6.57
1989	Year Built	1989
WILLIAMS CREEK	Feature Crossed	WILLIAMS CREEK
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
93	Culvert Length	93
71.9997271	Area of Waterway Opening	71.9997271
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.49 * 951372.33 / 60 * 25 * 1.1	\$213,662
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.49 * 2112 * 45.57 / 20 * 25	\$58,949
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.49 * 15289.84 / 60 * 25	\$3,122
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	93 * 71.9997271 * 18.01 / 100 * 25 * 1.15	\$34,671
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	\$0 + \$213,662 + \$58,949 + \$3,122 + \$34,671	\$310,404

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-602-040

Original		Current
WILLIAMS	Municipality	WILLIAMS
0.51	Segment Length	0.51
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 11 TO NO LIMS OF WILLIAMS	Termini	TH 11 TO NO LIMS OF WILLIAMS
405	Present AADT	405
2019	Year of Count	2019
1.1	Projection Factor	1.1
446	Projected Traffic	446
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 039-602-018 SEALCOATING	Comments	2013 SAP 039-602-018 SEALCOATING
2006 SAP 39-602-016		2006 SAP 39-602-016
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN NATIONAL RAILWAY	RailRoad Name	CANADIAN NATIONAL RAILWAY
312204Y	USDOT Number	312204Y
0.05	Located at Milepoint	0.05
2	Mainline Tracks	2
SIGNALS ONLY	Protection Type	SIGNALS ONLY
2000	Last Year Protection Upgraded	2000
40	Crossing Length	40
	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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.51 * 951372.33 / 60 * 25 * 1.1	\$222,383
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.51 * 2112 * 45.57 / 20 * 25	\$61,355
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.51 * 15289.84 / 60 * 25	\$3,249
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	300000 / 25 * 25	\$300,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	40 * 1750 / 25 * 25	\$70,000

Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	\$0 + \$222,383 + \$61,355 + \$3,249 + \$300,000 + \$70,000	\$656,987
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SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-602-050

Original	Current
Unassigned/Unknown	Unassigned/Unknown
4.75	4.75
MIXED BITUMINOUS	MIXED BITUMINOUS
2	2
NOT DIVIDED	NOT DIVIDED
N LIM OF WILLIAMS TO CSAH 8	N LIM OF WILLIAMS TO CSAH 8
405	405
2019	2019
1.1	1.1
446	446
RURAL	RURAL
2 - RURAL : 150 - 1499	2 (RURAL : 150 - 1499)
2013	2013
0	0
No Special Message	No Special Message
2013 SAP 039-602-018	2013 SAP 039-602-018
SEALCOATING	SEALCOATING
SAP 39-602-016	SAP 39-602-016
	Interchange Override
	Segment Override

Culvert Information

Status: Original

Original	Current
93082	93082
12.09	12.09
1974	1974
CO DITCH # 1	CO DITCH # 1
1	1
14	14
8	8
115	115
82.00046659	82.00046659
100%	100%
1	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.75 * 951372.33 / 60 * 25 * 1.1	\$2,071,217
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.75 * 2112 * 45.57 / 20 * 25	\$571,448
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.75 * 15289.84 / 60 * 25	\$30,261
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	115 * 82.00046659 * 18.01 / 100 * 25 * 1.15	\$48,828

Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	\$0 + \$2,071,217 + \$571,448 + \$30,261 + \$48,828	\$2,721,754
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SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-602-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3	Segment Length	3
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 8 TO CSAH 11	Termini	CSAH 8 TO CSAH 11
245	Present AADT	245
2019	Year of Count	2019
1.1	Projection Factor	1.1
270	Projected Traffic	270
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 039-602-018	Comments	2013 SAP 039-602-018
SEALCOATING		SEALCOATING
SAP 39-602-016		SAP 39-602-016
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 951372.33 / 60 * 25 * 1.1	\$1,308,137
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 45.57 / 20 * 25	\$360,914
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 15289.84 / 60 * 25	\$19,112
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$1,308,137 + \$360,914 + \$19,112	\$1,688,163

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-602-065

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3	Segment Length	3
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 11 TO 3.0 MI NORTH	Termini	CSAH 11 TO 3.0 MI NORTH
245	Present AADT	245
2019	Year of Count	2019
1.1	Projection Factor	1.1
270	Projected Traffic	270
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 039-602-018	Comments	2013 SAP 039-602-018
SEALCOATING		SEALCOATING

Interchange Override
Segment Override

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 951372.33 / 60 * 25 * 1.1	\$1,308,137
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 45.57 / 20 * 25	\$360,914
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 15289.84 / 60 * 25	\$19,112
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$1,308,137 + \$360,914 + \$19,112	\$1,688,163

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-602-070

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
3.0 MI N TO 5.0 MI NORTH OF CSAH 11	Termini	3.0 MI N TO 5.0 MI NORTH OF CSAH 11
130	Present AADT	130
2019	Year of Count	2019
1.1	Projection Factor	1.1
143	Projected Traffic	143
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 039-602-018 SEALCOATING	Comments	2013 SAP 039-602-018 SEALCOATING
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 951372.33 / 60 * 25 * 1.1	\$872,091
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 45.57 / 20 * 25	\$240,610
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 15289.84 / 60 * 25	\$12,742
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$872,091 + \$240,610 + \$12,742	\$1,125,443

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-602-071

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
5.0 MI TO 5.5 MI N OF CSAH 11	Termini	5.0 MI TO 5.5 MI N OF CSAH 11
130	Present AADT	130
2019	Year of Count	2019
1.1	Projection Factor	1.1
143	Projected Traffic	143
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 039-602-018	Comments	2013 SAP 039-602-018
SEALCOATING		SEALCOATING

Interchange Override
Segment Override

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 951372.33 / 60 * 25 * 1.1	\$218,023
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 45.57 / 20 * 25	\$60,152
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 15289.84 / 60 * 25	\$3,185
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$218,023 + \$60,152 + \$3,185	\$281,360

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-602-080

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
5.5 M N CSAH 11 TO 0.5 M EAST	Termini	5.5 M N CSAH 11 TO 0.5 M EAST
130	Present AADT	130
2019	Year of Count	2019
1.1	Projection Factor	1.1
143	Projected Traffic	143
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 039-602-018	Comments	2013 SAP 039-602-018
SEALCOATING		SEALCOATING
GRADED AND SURFACED WITH MAINTENANCE FUNDS IN 2001.		GRADED AND SURFACED WITH MAINTENANCE 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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 951372.33 / 60 * 25 * 1.1	\$218,023
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 45.57 / 20 * 25	\$60,152
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 15289.84 / 60 * 25	\$3,185
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$218,023 + \$60,152 + \$3,185	\$281,360

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-603-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5	Segment Length	5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 2 TO CSAH 4	Termini	CSAH 2 TO CSAH 4
105	Present AADT	105
2019	Year of Count	2019
1.1	Projection Factor	1.1
116	Projected Traffic	116
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
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
93780	Structure Number	93780
3.86	Milepoint	3.86
1991	Year Built	1991
STREAM	Feature Crossed	STREAM
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
5	Culvert Height	5
84	Culvert Length	84
60.00013138	Area of Waterway Opening	60.00013138
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
94202	Structure Number	94202
0.57	Milepoint	0.57
1991	Year Built	1991
STREAM	Feature Crossed	STREAM
	Type of Service	
1	Number of Barrels	1
10	Culvert Width	10
4	Culvert Height	4
90	Culvert Length	90
39.99972879	Area of Waterway Opening	39.99972879
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5 * 951372.33 / 60 * 25 * 1.1	\$2,180,228
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5 * 2112 * 45.57 / 20 * 25	\$601,524
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5 * 15289.84 / 60 * 25	\$31,854
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	84 * 60.00013138 * 18.01 / 100 * 25 * 1.15	\$26,097
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	90 * 39.99972879 * 18.01 / 100 * 25 * 1.15	\$18,640
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert + Culvert	\$0 + \$2,180,228 + \$601,524 + \$31,854 + \$26,097 + \$18,640	\$2,858,343

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-603-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.9	Segment Length	3.9
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 4 TO 3.9 MI E	Termini	CSAH 4 TO 3.9 MI E
120	Present AADT	120
2019	Year of Count	2019
1.1	Projection Factor	1.1
132	Projected Traffic	132
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
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
97075	Structure Number	97075
7.69	Milepoint	7.69
1990	Year Built	1990
LITTLE PEPPERMINT CREEK	Feature Crossed	LITTLE PEPPERMINT CREEK
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
5	Culvert Height	5
80	Culvert Length	80
60.00013138	Area of Waterway Opening	60.00013138
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.9 * 951372.33 / 60 * 25 * 1.1	\$1,700,578
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.9 * 2112 * 45.57 / 20 * 25	\$469,189
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.9 * 15289.84 / 60 * 25	\$24,846
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	80 * 60.00013138 * 18.01 / 100 * 25 * 1.15	\$24,854
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	\$0 + \$1,700,578 + \$469,189 + \$24,846 + \$24,854	\$2,219,467

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-603-030

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
3.9 MI E OF CSAH 4 TO CSAH 6	Termini	3.9 MI E OF CSAH 4 TO CSAH 6
235	Present AADT	235
2019	Year of Count	2019
1.1	Projection Factor	1.1
259	Projected Traffic	259
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
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
97074	Structure Number	97074
9.09	Milepoint	9.09
1990	Year Built	1990
LITTLE PEPPERMINT CREEK	Feature Crossed	LITTLE PEPPERMINT CREEK
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
84	Culvert Length	84
71.9997271	Area of Waterway Opening	71.9997271
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 951372.33 / 60 * 25 * 1.1	\$872,091
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 45.57 / 20 * 25	\$240,610
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 15289.84 / 60 * 25	\$12,742
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	84 * 71.9997271 * 18.01 / 100 * 25 * 1.15	\$31,316
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	\$0 + \$872,091 + \$240,610 + \$12,742 + \$31,316	\$1,156,759

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-603-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5.1	Segment Length	5.1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 6 TO CSAH 1	Termini	CSAH 6 TO CSAH 1
90	Present AADT	90
2019	Year of Count	2019
1.1	Projection Factor	1.1
99	Projected Traffic	99
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 039-603-023 RC&OL	Comments	2016 SAP 039-603-023 RC&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
94220	Structure Number	94220
11.65	Milepoint	11.65
1991	Year Built	1991
PEPPERMINT CREEK	Feature Crossed	PEPPERMINT CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
12	Culvert Height	12
96	Culvert Length	96
144.00053059	Area of Waterway Opening	144.00053059
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5.1 * 951372.33 / 60 * 25 * 1.1	\$2,223,833
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5.1 * 2112 * 45.57 / 20 * 25	\$613,554
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5.1 * 15289.84 / 60 * 25	\$32,491
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	96 * 144.00053059 * 18.01 / 100 * 25 * 1.15	\$71,579
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	\$0 + \$2,223,833 + \$613,554 + \$32,491 + \$71,579	\$2,941,457

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-603-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.9	Segment Length	2.9
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 1 TO TH 11	Termini	CSAH 1 TO TH 11
300	Present AADT	300
2019	Year of Count	2019
1.1	Projection Factor	1.1
330	Projected Traffic	330
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 039-603-023 RC&OL	Comments	2016 SAP 039-603-023 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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.9 * 951372.33 / 60 * 25 * 1.1	\$1,264,532
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.9 * 2112 * 45.57 / 20 * 25	\$348,884
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.9 * 15289.84 / 60 * 25	\$18,475
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$1,264,532 + \$348,884 + \$18,475	\$1,631,891

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-604-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4.9	Segment Length	4.9
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 3 TO TH #11	Termini	CSAH 3 TO TH #11
115	Present AADT	115
2019	Year of Count	2019
1.1	Projection Factor	1.1
127	Projected Traffic	127
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 39-604-006	Comments	2009 OVERLAY, SAP 39-604-006
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
39510	Structure Number	39510
1.06	Milepoint	1.06
1985	Year Built	1985
WINTER ROAD RIVER	Feature Crossed	WINTER ROAD RIVER
	Type of Service	
	Number of Spans	
69.5	Bridge Length	69.5
35.3	Bridge Width	35.3
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.9 * 951372.33 / 60 * 25 * 1.1	\$2,136,624
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.9 * 2112 * 45.57 / 20 * 25	\$589,494
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.9 * 15289.84 / 60 * 25	\$31,217
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	69.5 * 35.3 * 173 / 80 * 25 * 1.15	\$152,529
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	\$0 + \$2,136,624 + \$589,494 + \$31,217 + \$152,529	\$2,909,864

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-604-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 11 TO COUNTY ROAD 98	Termini	TH 11 TO COUNTY ROAD 98
65	Present AADT	65
2019	Year of Count	2019
1.1	Projection Factor	1.1
72	Projected Traffic	72
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
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 NATIONAL RAILWAY	RailRoad Name	CANADIAN NATIONAL RAILWAY
312195C	USDOT Number	312195C
0	Located at Milepoint	0
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
30	Crossing Length	30
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 475686.17 / 60 * 25 * 1.1	\$305,232
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 546 * 10.75 / 2 * 25	\$102,716
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 0 / 60 * 25	\$0
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	2000 / 25 * 25	\$2,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	30 * 1750 / 25 * 25	\$52,500
Total Segment Cost	Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	\$305,232 + \$102,716 + \$0 + \$2,000 + \$52,500	\$462,448

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :		Segment Nbr : 039-604-050
Original	Current	
Unassigned/Unknown	Municipality	Unassigned/Unknown
5	Segment Length	5
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CO RD 98 TO CSAH 8	Termini	CO RD 98 TO CSAH 8
50	Present AADT	50
2019	Year of Count	2019
1.1	Projection Factor	1.1
55	Projected Traffic	55
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 SAP 039-604-007 NEW CULVERT 39J35	Comments	2013 SAP 039-604-007 NEW CULVERT 39J35
	Interchange Override	
	Segment Override	

Culvert Information		Status: Original
Original	Current	
39J36	Structure Number	39J36
7.904	Milepoint	7.904
2013	Year Built	2013
	Feature Crossed	
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
14	Culvert Width	14
6	Culvert Height	6
36	Culvert Length	36
80	Area of Waterway Opening	80
100%	Shared Structure	100%
SAP 039-598-065	Comments	SAP 039-598-065
1	Culvert Group Code	1

Culvert Information		Status: Original
Original	Current	
94219	Structure Number	94219
	Milepoint	
1991	Year Built	1991
JUD DITCH	Feature Crossed	JUD DITCH
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
54	Culvert Length	54
70.99976079	Area of Waterway Opening	70.99976079
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information		Status: Original
Original	Current	
39J35	Structure Number	39J35

7.743	Milepoint	7.743
2013	Year Built	2013
	Feature Crossed	
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
14	Culvert Width	14
8	Culvert Height	8
42	Culvert Length	42
112	Area of Waterway Opening	112
100%	Shared Structure	100%
2013 SAP 039-604-007 NEW CULVERT 39J35	Comments	2013 SAP 039-604-007 NEW CULVERT 39J35
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	$\text{Length} * \text{UnitCost} / \text{ConstrLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$5 * 475686.17 / 60 * 25 * 1.1$	\$1,090,114
Preservation	$\text{Length} * \text{Quantity} * \text{UnitCost} / \text{PreservationLifeCycle} * \text{StatutoryNeedsYear}$	$5 * 546 * 10.75 / 2 * 25$	\$366,844
ROW	$\text{Length} * \text{UnitCost} / \text{ROWLifeCycle} * \text{StatutoryNeedsYear}$	$5 * 0 / 60 * 25$	\$0
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$36 * 80 * 18.01 / 100 * 25 * 1.15$	\$14,912
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$54 * 70.99976079 * 18.01 / 100 * 25 * 1.15$	\$19,852
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$42 * 112 * 18.01 / 100 * 25 * 1.15$	\$24,357
Total Segment Cost	Construction + Preservation + ROW + Culvert + Culvert + Culvert	$\$1,090,114 + \$366,844 + \$0 + \$14,912 + \$19,852 + \$24,357$	\$1,516,079

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-604-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.2	Segment Length	2.2
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 8 TO LAKE OF THE WOODS	Termini	CSAH 8 TO LAKE OF THE WOODS
50	Present AADT	50
2019	Year of Count	2019
1.1	Projection Factor	1.1
55	Projected Traffic	55
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
2004	Latest Year SA funds	2004
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	$\text{Length} * \text{UnitCost} / \text{ConstrLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$2.2 * 475686.17 / 60 * 25 * 1.1$	\$479,650
Preservation	$\text{Length} * \text{Quantity} * \text{UnitCost} / \text{PreservationLifeCycle} * \text{StatutoryNeedsYear}$	$2.2 * 546 * 10.75 / 2 * 25$	\$161,411
ROW	$\text{Length} * \text{UnitCost} / \text{ROWLifeCycle} * \text{StatutoryNeedsYear}$	$2.2 * 0 / 60 * 25$	\$0
Total Segment Cost	Construction + Preservation + ROW	\$479,650 + \$161,411 + \$0	\$641,061

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-604-070

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.0 MI N OF CSAH 8 TO CSAH 20	Termini	2.0 MI N OF CSAH 8 TO CSAH 20
60	Present AADT	60
2019	Year of Count	2019
1.1	Projection Factor	1.1
66	Projected Traffic	66
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
2004	Latest Year SA funds	2004
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	2 * 475686.17 / 60 * 25 * 1.1	\$436,046
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 546 * 10.75 / 2 * 25	\$146,738
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 0 / 60 * 25	\$0
Total Segment Cost	Construction + Preservation + ROW	\$436,046 + \$146,738 + \$0	\$582,784

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	LAKE OF THE WOODS	Segment Nbr : 039-605-020
Original	Current	
Unassigned/Unknown	Municipality	Unassigned/Unknown
5	Segment Length	5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S J CSAH 1 TO N JCT CSAH 1	Termini	S J CSAH 1 TO N JCT CSAH 1
145	Present AADT	145
2019	Year of Count	2019
1.1	Projection Factor	1.1
160	Projected Traffic	160
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	
93749	Structure Number	93749
1.88	Milepoint	1.88
1986	Year Built	1986
STREAM	Feature Crossed	STREAM
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
61	Culvert Length	61
71.9997271	Area of Waterway Opening	71.9997271
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information		Status: Original
Original	Current	
96545	Structure Number	96545
4.92	Milepoint	4.92
1988	Year Built	1988
W FK BAUDETTE RIVER	Feature Crossed	W FK BAUDETTE RIVER
	Type of Service	
2	Number of Barrels	2
12	Culvert Width	12
8	Culvert Height	8
140	Culvert Length	140
191.99998986	Area of Waterway Opening	191.99998986
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information		Status: Original
Original	Current	
97921	Structure Number	97921
3.2	Milepoint	3.2

1994	Year Built	1994
BAUDETTE RIVER	Feature Crossed	BAUDETTE RIVER
	Type of Service	
2	Number of Barrels	2
12	Culvert Width	12
12	Culvert Height	12
60	Culvert Length	60
287.99998479	Area of Waterway Opening	287.99998479
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5 * 951372.33 / 60 * 25 * 1.1	\$2,180,228
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5 * 2112 * 45.57 / 20 * 25	\$601,524
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5 * 15289.84 / 60 * 25	\$31,854
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	61 * 71.9997271 * 18.01 / 100 * 25 * 1.15	\$22,741
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	140 * 191.99998986 * 18.01 / 100 * 25 * 1.15	\$139,181
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	60 * 287.99998479 * 18.01 / 100 * 25 * 1.15	\$89,474
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert + Culvert + Culvert	\$0 + \$2,180,228 + \$601,524 + \$31,854 + \$22,741 + \$139,181 + \$89,474	\$3,065,002

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-606-010

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
CSAH 3 TO TH 11	Termini	CSAH 3 TO TH 11
180	Present AADT	180
2019	Year of Count	2019
1.1	Projection Factor	1.1
198	Projected Traffic	198
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
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
39517	Structure Number	39517
2.19	Milepoint	2.19
1996	Year Built	1996
WINTER ROAD RIVER	Feature Crossed	WINTER ROAD RIVER
	Type of Service	
	Number of Spans	
75.6	Bridge Length	75.6
39.3	Bridge Width	39.3
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.2 * 951372.33 / 60 * 25 * 1.1	\$959,300
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.2 * 2112 * 45.57 / 20 * 25	\$264,671
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.2 * 15289.84 / 60 * 25	\$14,016
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	75.6 * 39.3 * 173 / 80 * 25 * 1.15	\$184,718
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	\$0 + \$959,300 + \$264,671 + \$14,016 + \$184,718	\$1,422,705

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-606-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4.5	Segment Length	4.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 11 TO TH 172	Termini	TH 11 TO TH 172
235	Present AADT	235
2019	Year of Count	2019
1.1	Projection Factor	1.1
259	Projected Traffic	259
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
SURFACED 2008, SAP 39-606-017	Comments	SURFACED 2008, SAP 39-606-017
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
39J18	Structure Number	39J18
6.48	Milepoint	6.48
2003	Year Built	2003
WABANICA CREEK	Feature Crossed	WABANICA CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
	Culvert Width	
	Culvert Height	
72	Culvert Length	72
193.99992248	Area of Waterway Opening	193.99992248
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN NATIONAL RAILWAY	RailRoad Name	CANADIAN NATIONAL RAILWAY
312190T	USDOT Number	312190T
0	Located at Milepoint	0
1	Mainline Tracks	1
SIGNALS ONLY	Protection Type	SIGNALS ONLY
2000	Last Year Protection Upgraded	2000
40	Crossing Length	40
	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 * 61250 / 40 * 25	\$0

Construction	$\text{Length} * \text{UnitCost} / \text{ConstrLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$4.5 * 951372.33 / 60 * 25 * 1.1$	\$1,962,205
Preservation	$\text{Length} * \text{Quantity} * \text{UnitCost} / \text{PreservationLifeCycle} * \text{StatutoryNeedsYear}$	$4.5 * 2112 * 45.57 / 20 * 25$	\$541,372
ROW	$\text{Length} * \text{UnitCost} / \text{ROWLifeCycle} * \text{StatutoryNeedsYear}$	$4.5 * 15289.84 / 60 * 25$	\$28,668
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$72 * 193.99992248 * 18.01 / 100 * 25 * 1.15$	\$72,325
RR Crossing Protection	$\text{UnitCost} / \text{RRCrossingLifeCycle} * \text{StatutoryNeedsYear}$	$300000 / 25 * 25$	\$300,000
RR Crossing Surface	$\text{SurfaceLength} * \text{UnitCost} / \text{RRCrossingLifeCycle} * \text{StatutoryNeedsYear}$	$40 * 1750 / 25 * 25$	\$70,000
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert + RR Crossing Protection + RR Crossing Surface	$\$0 + \$1,962,205 + \$541,372 + \$28,668 + \$72,325 + \$300,000 + \$70,000$	\$2,974,570

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name :

LAKE OF THE WOODS

Segment Nbr : 039-607-010

Original

Current

Unassigned/Unknown	Municipality	Unassigned/Unknown
3	Segment Length	3
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 72 TO 3.0 MILES EAST	Termini	TH 72 TO 3.0 MILES EAST
45	Present AADT	45
2019	Year of Count	2019
1.1	Projection Factor	1.1
50	Projected Traffic	50
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
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
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 475686.17 / 60 * 25 * 1.1	\$654,068
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 546 * 10.75 / 2 * 25	\$220,106
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 0 / 60 * 25	\$0
Total Segment Cost	Construction + Preservation + ROW	\$654,068 + \$220,106 + \$0	\$874,174

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-607-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.3	Segment Length	3.3
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
3.0 MI E OF TH 72 TO CSAH 16	Termini	3.0 MI E OF TH 72 TO CSAH 16
45	Present AADT	45
2019	Year of Count	2019
1.1	Projection Factor	1.1
50	Projected Traffic	50
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
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	

Bridge Information

Status: Original

Original		Current
39505	Structure Number	39505
4.26	Milepoint	4.26
1978	Year Built	1978
RAPID RIVER	Feature Crossed	RAPID RIVER
	Type of Service	
	Number of Spans	
167.3	Bridge Length	167.3
33.6	Bridge Width	33.6
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Culvert Information

Status: Original

Original		Current
93519	Structure Number	93519
3.87	Milepoint	3.87
1980	Year Built	1980
DITCH # 2	Feature Crossed	DITCH # 2
	Type of Service	
1	Number of Barrels	1
10	Culvert Width	10
8	Culvert Height	8
44	Culvert Length	44
80.00053397	Area of Waterway Opening	80.00053397
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
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Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	$3.3 * 475686.17 / 60 * 25 * 1.1$	\$719,475
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	$3.3 * 546 * 10.75 / 2 * 25$	\$242,117
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	$3.3 * 0 / 60 * 25$	\$0
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	$167.3 * 33.6 * 141 / 80 * 25 * 1.15$	\$284,841
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	$44 * 80.00053397 * 18.01 / 100 * 25 * 1.15$	\$18,226
Total Segment Cost	Construction + Preservation + ROW + Bridge + Culvert	$\$719,475 + \$242,117 + \$0 + \$284,841 + \$18,226$	\$1,264,659

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-608-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
6	Segment Length	6
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 17 TO CSAH 2	Termini	CSAH 17 TO CSAH 2
440	Present AADT	440
2019	Year of Count	2019
1.1	Projection Factor	1.1
484	Projected Traffic	484
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 039-608-021 M&OL	Comments	2012 SAP 039-608-021 M&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
97192	Structure Number	97192
	Milepoint	
1991	Year Built	1991
CO DITCH #1	Feature Crossed	CO DITCH #1
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
32	Culvert Length	32
71.9997271	Area of Waterway Opening	71.9997271
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
97193	Structure Number	97193
	Milepoint	
1991	Year Built	1991
CO DITCH #1	Feature Crossed	CO DITCH #1
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
32	Culvert Length	32
71.9997271	Area of Waterway Opening	71.9997271
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
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Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	6 * 951372.33 / 60 * 25 * 1.1	\$2,616,274
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	6 * 2112 * 45.57 / 20 * 25	\$721,829
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	6 * 15289.84 / 60 * 25	\$38,225
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	32 * 71.9997271 * 18.01 / 100 * 25 * 1.15	\$11,930
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	32 * 71.9997271 * 18.01 / 100 * 25 * 1.15	\$11,930
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert + Culvert	\$0 + \$2,616,274 + \$721,829 + \$38,225 + \$11,930 + \$11,930	\$3,400,188

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	LAKE OF THE WOODS	Segment Nbr : 039-608-030
Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5	Segment Length	5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 2 TO CSAH 12	Termini	CSAH 2 TO CSAH 12
455	Present AADT	455
2019	Year of Count	2019
1.1	Projection Factor	1.1
501	Projected Traffic	501
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2002	Latest Year SA funds	2002
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
7255	Structure Number	7255
9.67	Milepoint	9.67
1959	Year Built	1959
STREAM	Feature Crossed	STREAM
	Type of Service	
	Number of Spans	
44	Bridge Length	44
30	Bridge Width	30
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information		Status: Original
Original		Current
92721	Structure Number	92721
6.98	Milepoint	6.98
1970	Year Built	1970
DITCH	Feature Crossed	DITCH
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
62	Culvert Length	62
70.99976079	Area of Waterway Opening	70.99976079
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information		Status: Original
Original		Current
92722	Structure Number	92722
7.98	Milepoint	7.98
1971	Year Built	1971
DITCH	Feature Crossed	DITCH

	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
62	Culvert Length	62
70.99976079	Area of Waterway Opening	70.99976079
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
97911	Structure Number	97911
9.52	Milepoint	9.52
1994	Year Built	1994
S BR ZIPPLE CRK	Feature Crossed	S BR ZIPPLE CRK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
40	Culvert Length	40
71.9997271	Area of Waterway Opening	71.9997271
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5 * 951372.33 / 60 * 25 * 1.1	\$2,180,228
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5 * 2112 * 45.57 / 20 * 25	\$601,524
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5 * 15289.84 / 60 * 25	\$31,854
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	44 * 30 * 173 / 80 * 25 * 1.15	\$82,067
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	62 * 70.99976079 * 18.01 / 100 * 25 * 1.15	\$22,793
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	62 * 70.99976079 * 18.01 / 100 * 25 * 1.15	\$22,793
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	40 * 71.9997271 * 18.01 / 100 * 25 * 1.15	\$14,912
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Culvert + Culvert + Culvert	\$0 + \$2,180,228 + \$601,524 + \$31,854 + \$82,067 + \$22,793 + \$22,793 + \$14,912	\$2,956,171

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-608-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
7.2	Segment Length	7.2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 12 TO TH 172	Termini	CSAH 12 TO TH 172
550	Present AADT	550
2019	Year of Count	2019
1.1	Projection Factor	1.1
605	Projected Traffic	605
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 039-608-023 RC&OL	Comments	2017 SAP 039-608-023 RC&OL
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
39504	Structure Number	39504
15.09	Milepoint	15.09
1977	Year Built	1977
BOSTICK CREEK	Feature Crossed	BOSTICK CREEK
	Type of Service	
	Number of Spans	
75.2	Bridge Length	75.2
41.2	Bridge Width	41.2
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	7.2 * 951372.33 / 60 * 25 * 1.1	\$3,139,529
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	7.2 * 2112 * 45.57 / 20 * 25	\$866,195
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	7.2 * 15289.84 / 60 * 25	\$45,870
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	75.2 * 41.2 * 173 / 80 * 25 * 1.15	\$192,623
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	\$0 + \$3,139,529 + \$866,195 + \$45,870 + \$192,623	\$4,244,217

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-609-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5.5	Segment Length	5.5
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 17 TO CSAH 2	Termini	CSAH 17 TO CSAH 2
55	Present AADT	55
2019	Year of Count	2019
1.1	Projection Factor	1.1
61	Projected Traffic	61
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
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
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5.5 * 475686.17 / 60 * 25 * 1.1	\$1,199,126
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5.5 * 546 * 10.75 / 2 * 25	\$403,528
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5.5 * 0 / 60 * 25	\$0
Total Segment Cost	Construction + Preservation + ROW	\$1,199,126 + \$403,528 + \$0	\$1,602,654

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-611-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
6	Segment Length	6
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 17 TO CSAH 2	Termini	CSAH 17 TO CSAH 2
200	Present AADT	200
2019	Year of Count	2019
1.1	Projection Factor	1.1
220	Projected Traffic	220
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 039-611-006	Comments	2012 SAP 039-611-006
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
39J24	Structure Number	39J24
	Milepoint	
1995	Year Built	1995
	Feature Crossed	
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
7	Culvert Height	7
60	Culvert Length	60
55.00029983	Area of Waterway Opening	55.00029983
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
95925	Structure Number	95925
0.085	Milepoint	0.085
1984	Year Built	1984
JUD DITCH # 24	Feature Crossed	JUD DITCH # 24
	Type of Service	
1	Number of Barrels	1
10	Culvert Width	10
7	Culvert Height	7
90	Culvert Length	90
55.00029983	Area of Waterway Opening	55.00029983
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	6 * 951372.33 / 60 * 25 * 1.1	\$2,616,274
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	6 * 2112 * 45.57 / 20 * 25	\$721,829
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	6 * 15289.84 / 60 * 25	\$38,225
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	60 * 55.00029983 * 18.01 / 100 * 25 * 1.15	\$17,087
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	90 * 55.00029983 * 18.01 / 100 * 25 * 1.15	\$25,631
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert + Culvert	\$0 + \$2,616,274 + \$721,829 + \$38,225 + \$17,087 + \$25,631	\$3,419,046

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-612-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 2 TO 2.0 MI E	Termini	CSAH 2 TO 2.0 MI E
45	Present AADT	45
2019	Year of Count	2019
1.1	Projection Factor	1.1
50	Projected Traffic	50
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
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
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 475686.17 / 60 * 25 * 1.1	\$436,046
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 546 * 10.75 / 2 * 25	\$146,738
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 0 / 60 * 25	\$0
Total Segment Cost	Construction + Preservation + ROW	\$436,046 + \$146,738 + \$0	\$582,784

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-612-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3	Segment Length	3
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.0 MI E CSAH 2 TO CSAH 8	Termini	2.0 MI E CSAH 2 TO CSAH 8
45	Present AADT	45
2019	Year of Count	2019
1.1	Projection Factor	1.1
50	Projected Traffic	50
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
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
93083	Structure Number	93083
4.95	Milepoint	4.95
1974	Year Built	1974
DITCH	Feature Crossed	DITCH
	Type of Service	
1	Number of Barrels	1
14	Culvert Width	14
10	Culvert Height	10
60	Culvert Length	60
98.99989386	Area of Waterway Opening	98.99989386
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
93974	Structure Number	93974
3.9	Milepoint	3.9
1986	Year Built	1986
ZIPPLE CREEK	Feature Crossed	ZIPPLE CREEK
	Type of Service	
2	Number of Barrels	2
	Culvert Width	
	Culvert Height	
46	Culvert Length	46
34.99989724	Area of Waterway Opening	34.99989724
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
R0534	Structure Number	R0534
2.24	Milepoint	2.24

2004	Year Built	2004
South Branch Zippel Creek	Feature Crossed	South Branch Zippel Creek
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Barrels	3
0	Culvert Width	0
0	Culvert Height	0
50	Culvert Length	50
0	Area of Waterway Opening	0
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
R0621	Structure Number	R0621
4.89	Milepoint	4.89
1979	Year Built	1979
South Zippel Creek	Feature Crossed	South Zippel Creek
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10.25	Culvert Width	10.25
6.75	Culvert Height	6.75
55	Culvert Length	55
0	Area of Waterway Opening	0
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	$\text{Length} * \text{UnitCost} / \text{ConstrLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$3 * 475686.17 / 60 * 25 * 1.1$	\$654,068
Preservation	$\text{Length} * \text{Quantity} * \text{UnitCost} / \text{PreservationLifeCycle} * \text{StatutoryNeedsYear}$	$3 * 546 * 10.75 / 2 * 25$	\$220,106
ROW	$\text{Length} * \text{UnitCost} / \text{ROWLifeCycle} * \text{StatutoryNeedsYear}$	$3 * 0 / 60 * 25$	\$0
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$60 * 98.99989386 * 18.01 / 100 * 25 * 1.15$	\$30,757
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$46 * 34.99989724 * 18.01 / 100 * 25 * 1.15$	\$8,336
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$50 * 0 * 18.01 / 100 * 25 * 1.15$	\$0
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$55 * 0 * 18.01 / 100 * 25 * 1.15$	\$0
Total Segment Cost	Construction + Preservation + ROW + Culvert + Culvert + Culvert + Culvert	$\$654,068 + \$220,106 + \$0 + \$30,757 + \$8,336 + \$0 + \$0$	\$913,267

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-613-010

Original		Current
WILLIAMS	Municipality	WILLIAMS
0.74	Segment Length	0.74
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 2 TO 0.74 MI E	Termini	CSAH 2 TO 0.74 MI E
130	Present AADT	130
2019	Year of Count	2019
1.1	Projection Factor	1.1
143	Projected Traffic	143
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 39-613-003, 2006	Comments	SAP 39-613-003, 2006
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
93081	Structure Number	93081
0.09	Milepoint	0.09
1974	Year Built	1974
WILLIAMS CREEK	Feature Crossed	WILLIAMS CREEK
	Type of Service	
1	Number of Barrels	1
14	Culvert Width	14
8	Culvert Height	8
108	Culvert Length	108
82.00046659	Area of Waterway Opening	82.00046659
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.74 * 2647155.73 / 60 * 25 * 1.15	\$938,637
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.74 * 2904 * 45.57 / 15 * 25	\$163,214
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.74 * 76818.03 / 60 * 25	\$23,686
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	108 * 82.00046659 * 18.01 / 100 * 25 * 1.15	\$45,856
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	\$0 + \$938,637 + \$163,214 + \$23,686 + \$45,856	\$1,171,393

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-613-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.2	Segment Length	0.2
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
E. LIM WILLIAMS TO CR #61	Termini	E. LIM WILLIAMS TO CR #61
130	Present AADT	130
2019	Year of Count	2019
1.1	Projection Factor	1.1
143	Projected Traffic	143
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
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
Construction	$\text{Length} * \text{UnitCost} / \text{ConstrLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$0.2 * 475686.17 / 60 * 25 * 1.1$	\$43,605
Preservation	$\text{Length} * \text{Quantity} * \text{UnitCost} / \text{PreservationLifeCycle} * \text{StatutoryNeedsYear}$	$0.2 * 546 * 10.75 / 2 * 25$	\$14,674
ROW	$\text{Length} * \text{UnitCost} / \text{ROWLifeCycle} * \text{StatutoryNeedsYear}$	$0.2 * 0 / 60 * 25$	\$0
Total Segment Cost	Construction + Preservation + ROW	\$43,605 + \$14,674 + \$0	\$58,279

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-613-021

Original

Current

Unassigned/Unknown	Municipality	Unassigned/Unknown
4.7	Segment Length	4.7
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CR #61 TO T.H. #11	Termini	CR #61 TO T.H. #11
45	Present AADT	45
2019	Year of Count	2019
1.1	Projection Factor	1.1
50	Projected Traffic	50
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
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

93745	Structure Number	93745
4.56	Milepoint	4.56
1986	Year Built	1986
STREAM	Feature Crossed	STREAM
	Type of Service	
1	Number of Barrels	1
14	Culvert Width	14
10	Culvert Height	10
74	Culvert Length	74
115.00043121	Area of Waterway Opening	115.00043121
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

RailRoadCrossing Information

Status: Original

Original

Current

BURLINGTON NORTHERN SANTA FE UNION PACIFIC	RailRoad Name	BURLINGTON NORTHERN SANTA FE UNION PACIFIC
312201D	USDOT Number	312201D
4.6	Located at Milepoint	4.6
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
1978	Last Year Protection Upgraded	1978
30	Crossing Length	30
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
--------------------	---------------------	-----------------------------	--------------------

Construction	$\text{Length} * \text{UnitCost} / \text{ConstrLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$4.7 * 475686.17 / 60 * 25 * 1.1$	\$1,024,707
Preservation	$\text{Length} * \text{Quantity} * \text{UnitCost} / \text{PreservationLifeCycle} * \text{StatutoryNeedsYear}$	$4.7 * 546 * 10.75 / 2 * 25$	\$344,833
ROW	$\text{Length} * \text{UnitCost} / \text{ROWLifeCycle} * \text{StatutoryNeedsYear}$	$4.7 * 0 / 60 * 25$	\$0
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$74 * 115.00043121 * 18.01 / 100 * 25 * 1.15$	\$44,064
RR Crossing Protection	$\text{UnitCost} / \text{RRCrossingLifeCycle} * \text{StatutoryNeedsYear}$	$2000 / 25 * 25$	\$2,000
RR Crossing Surface	$\text{SurfaceLength} * \text{UnitCost} / \text{RRCrossingLifeCycle} * \text{StatutoryNeedsYear}$	$30 * 1750 / 25 * 25$	\$52,500
Total Segment Cost	Construction + Preservation + ROW + Culvert + RR Crossing Protection + RR Crossing Surface	$\$1,024,707 + \$344,833 + \$0 + \$44,064 + \$2,000 + \$52,500$	\$1,468,104

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	LAKE OF THE WOODS	Segment Nbr : 039-614-010
Original	Current	
Unassigned/Unknown	Municipality	Unassigned/Unknown
6.2	Segment Length	6.2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 3 TO TH 11	Termini	CSAH 3 TO TH 11
90	Present AADT	90
2019	Year of Count	2019
1.1	Projection Factor	1.1
99	Projected Traffic	99
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 039-614-008 M&OL	Comments	2017 SAP 039-614-008 M&OL
	Interchange Override	
	Segment Override	

Bridge Information		Status: Original
Original	Current	
93611	Structure Number	93611
0.96	Milepoint	0.96
1982	Year Built	1982
WINTER ROAD RIVER	Feature Crossed	WINTER ROAD RIVER
	Type of Service	
	Number of Spans	
50	Bridge Length	50
32	Bridge Width	32
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information		Status: Original
Original	Current	
93610	Structure Number	93610
5.92	Milepoint	5.92
1982	Year Built	1982
STREAM	Feature Crossed	STREAM
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
52	Culvert Length	52
95.99999493	Area of Waterway Opening	95.99999493
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 * 61250 / 40 * 25	\$0

Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	$6.2 * 951372.33 / 60 * 25 * 1.1$	\$2,703,483
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	$6.2 * 2112 * 45.57 / 20 * 25$	\$745,890
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	$6.2 * 15289.84 / 60 * 25$	\$39,499
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	$50 * 32 * 173 / 80 * 25 * 1.15$	\$99,475
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	$52 * 95.99999493 * 18.01 / 100 * 25 * 1.15$	\$25,848
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Culvert	$\$0 + \$2,703,483 + \$745,890 + \$39,499 + \$99,475 + \$25,848$	\$3,614,195

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-615-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.2	Segment Length	3.2
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 14 TO CSAH 4	Termini	CSAH 14 TO CSAH 4
30	Present AADT	30
2019	Year of Count	2019
1.1	Projection Factor	1.1
33	Projected Traffic	33
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
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
93975	Structure Number	93975
1.9	Milepoint	1.9
1975	Year Built	1975
CANFIELD CREEK	Feature Crossed	CANFIELD CREEK
	Type of Service	
3	Number of Barrels	3
	Culvert Width	
	Culvert Height	
40	Culvert Length	40
37.99979617	Area of Waterway Opening	37.99979617
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.2 * 475686.17 / 60 * 25 * 1.1	\$697,673
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.2 * 546 * 10.75 / 2 * 25	\$234,780
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.2 * 0 / 60 * 25	\$0
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	40 * 37.99979617 * 18.01 / 100 * 25 * 1.15	\$7,870
Total Segment Cost	Construction + Preservation + ROW + Culvert	\$697,673 + \$234,780 + \$0 + \$7,870	\$940,323

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-616-030

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
CSAH 1 TO T.H. 72	Termini	CSAH 1 TO T.H. 72
60	Present AADT	60
2019	Year of Count	2019
1.1	Projection Factor	1.1
66	Projected Traffic	66
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4 * 951372.33 / 60 * 25 * 1.1	\$1,744,183
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 2112 * 45.57 / 20 * 25	\$481,219
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 15289.84 / 60 * 25	\$25,483
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$1,744,183 + \$481,219 + \$25,483	\$2,250,885

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-616-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.6	Segment Length	3.6
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 72 TO CSAH 7	Termini	TH 72 TO CSAH 7
45	Present AADT	45
2019	Year of Count	2019
1.1	Projection Factor	1.1
50	Projected Traffic	50
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
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
91729	Structure Number	91729
7.789	Milepoint	7.789
1978	Year Built	1978
HAY CREEK (JD #20)	Feature Crossed	HAY CREEK (JD #20)
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
10	Culvert Height	10
118	Culvert Length	118
120.00026276	Area of Waterway Opening	120.00026276
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.6 * 475686.17 / 60 * 25 * 1.1	\$784,882
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.6 * 546 * 10.75 / 2 * 25	\$264,128
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.6 * 0 / 60 * 25	\$0
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	118 * 120.00026276 * 18.01 / 100 * 25 * 1.15	\$73,319
Total Segment Cost	Construction + Preservation + ROW + Culvert	\$784,882 + \$264,128 + \$0 + \$73,319	\$1,122,329

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-617-010

Original	Current
Unassigned/Unknown	Unassigned/Unknown
3.4	3.4
MIXED BITUMINOUS	MIXED BITUMINOUS
2	2
NOT DIVIDED	NOT DIVIDED
2.4 MI. S. JCT. CSAH 11 TO 1 MI. N. OF JCT. CSAH 11	2.4 MI. S. JCT. CSAH 11 TO 1 MI. N. OF JCT. CSAH 11
270	270
2019	2019
1.1	1.1
297	297
RURAL	RURAL
2 - RURAL : 150 - 1499	2 (RURAL : 150 - 1499)
2014	2014
0	0
No Special Message	No Special Message
2014 SP 039-617-008 RECONST W/ CULVERT R&R 39J37	2014 SP 039-617-008 RECONST W/ CULVERT R&R 39J37
ESTABLISHED ON C.O. #90696	ESTABLISHED ON C.O. #90696
	Interchange Override
	Segment Override

Culvert Information

Status: Original

Original	Current
39J37	39J37
0	0
2014	2014
	Structure Number
	Milepoint
	Year Built
	Feature Crossed
STREAM CROSSING	STREAM CROSSING
1	1
12	12
6	6
44	44
72	72
100%	100%
2014 SP 039-617-008 RECONST W/ CULVERT R&R 39J37	2014 SP 039-617-008 RECONST W/ CULVERT R&R 39J37
1	1
	Culvert Group Code

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.4 * 951372.33 / 60 * 25 * 1.1	\$1,482,555
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.4 * 2112 * 45.57 / 20 * 25	\$409,036
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.4 * 15289.84 / 60 * 25	\$21,661

Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	44 * 72 * 18.01 / 100 * 25 * 1.15	\$16,404
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	\$0 + \$1,482,555 + \$409,036 + \$21,661 + \$16,404	\$1,929,656

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :		Segment Nbr : 039-617-020
LAKE OF THE WOODS		
Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4.3	Segment Length	4.3
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 11 TO CSAH 9	Termini	1.0 MI N OF CSAH 11 TO CSAH 9
270	Present AADT	270
2019	Year of Count	2019
1.1	Projection Factor	1.1
297	Projected Traffic	297
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 SP 039-617-008 RECONST	Comments	2014 SP 039-617-008 RECONST
	Interchange Override	
	Segment Override	

Culvert Information		Status: Original
Original		Current
39J26	Structure Number	39J26
5.39	Milepoint	5.39
1999	Year Built	1999
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
7	Culvert Width	7
5	Culvert Height	5
60	Culvert Length	60
50.00046828	Area of Waterway Opening	50.00046828
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information		Status: Original
Original		Current
39J27	Structure Number	39J27
6.49	Milepoint	6.49
2003	Year Built	2003
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
10	Culvert Width	10
4	Culvert Height	4
56	Culvert Length	56
75.99959234	Area of Waterway Opening	75.99959234
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information		Status: Original
Original		Current
93785	Structure Number	93785
3.45	Milepoint	3.45

1987	Year Built	1987
CO DITCH # 22	Feature Crossed	CO DITCH # 22
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
76	Culvert Length	76
95.99999493	Area of Waterway Opening	95.99999493
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.3 * 951372.33 / 60 * 25 * 1.1	\$1,874,996
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.3 * 2112 * 45.57 / 20 * 25	\$517,311
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.3 * 15289.84 / 60 * 25	\$27,394
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	60 * 50.00046828 * 18.01 / 100 * 25 * 1.15	\$15,534
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	56 * 75.99959234 * 18.01 / 100 * 25 * 1.15	\$22,037
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	76 * 95.99999493 * 18.01 / 100 * 25 * 1.15	\$37,778
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert + Culvert + Culvert	\$0 + \$1,874,996 + \$517,311 + \$27,394 + \$15,534 + \$22,037 + \$37,778	\$2,495,050

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-617-030

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
CSAH 9 TO ROCKY POINT	Termini	CSAH 9 TO ROCKY POINT
270	Present AADT	270
2019	Year of Count	2019
1.1	Projection Factor	1.1
297	Projected Traffic	297
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 SP 039-617-008 RECONST	Comments	2014 SP 039-617-008 RECONST
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 951372.33 / 60 * 25 * 1.1	\$654,068
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 45.57 / 20 * 25	\$180,457
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 15289.84 / 60 * 25	\$9,556
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$654,068 + \$180,457 + \$9,556	\$844,081

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-618-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
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
ALONG E CO LINE TO TH 11	Termini	ALONG E CO LINE TO TH 11
125	Present AADT	125
2019	Year of Count	2019
1.1	Projection Factor	1.1
138	Projected Traffic	138
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
	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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.9 * 951372.33 / 60 * 25 * 1.1	\$392,441
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.9 * 2112 * 45.57 / 20 * 25	\$108,274
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.9 * 15289.84 / 60 * 25	\$5,734
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$392,441 + \$108,274 + \$5,734	\$506,449

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-619-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3	Segment Length	3
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 72 TO COUNTY ROAD 89	Termini	TH 72 TO COUNTY ROAD 89
40	Present AADT	40
2019	Year of Count	2019
1.1	Projection Factor	1.1
44	Projected Traffic	44
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
1998	Latest Year SA funds	1998
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	3 * 475686.17 / 60 * 25 * 1.1	\$654,068
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 546 * 10.75 / 2 * 25	\$220,106
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 0 / 60 * 25	\$0
Total Segment Cost	Construction + Preservation + ROW	\$654,068 + \$220,106 + \$0	\$874,174

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	LAKE OF THE WOODS	Segment Nbr : 039-619-020
Original	Current	
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.6	Segment Length	2.6
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CO RD 89 TO TH 11	Termini	CO RD 89 TO TH 11
40	Present AADT	40
2019	Year of Count	2019
1.1	Projection Factor	1.1
44	Projected Traffic	44
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
1998	Latest Year SA funds	1998
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	
39J06	Structure Number	39J06
4.68	Milepoint	4.68
1999	Year Built	1999
Silver Creek	Feature Crossed	Silver Creek
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
68	Culvert Length	68
120.00026276	Area of Waterway Opening	120.00026276
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information		Status: Original
Original	Current	
39J07	Structure Number	39J07
3.11	Milepoint	3.11
1998	Year Built	1998
W Branch Silver Creek	Feature Crossed	W Branch Silver Creek
	Type of Service	
1	Number of Barrels	1
10	Culvert Width	10
6	Culvert Height	6
105	Culvert Length	105
60.00013138	Area of Waterway Opening	60.00013138
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information		Status: Original
Original	Current	
96844	Structure Number	96844
3.7	Milepoint	3.7

1989	Year Built	1989
SILVER CREEK	Feature Crossed	SILVER CREEK
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
77	Culvert Length	77
65.99992924	Area of Waterway Opening	65.99992924
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	$\text{Length} * \text{UnitCost} / \text{ConstrLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$2.6 * 475686.17 / 60 * 25 * 1.1$	\$566,859
Preservation	$\text{Length} * \text{Quantity} * \text{UnitCost} / \text{PreservationLifeCycle} * \text{StatutoryNeedsYear}$	$2.6 * 546 * 10.75 / 2 * 25$	\$190,759
ROW	$\text{Length} * \text{UnitCost} / \text{ROWLifeCycle} * \text{StatutoryNeedsYear}$	$2.6 * 0 / 60 * 25$	\$0
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$68 * 120.00026276 * 18.01 / 100 * 25 * 1.15$	\$42,252
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$105 * 60.00013138 * 18.01 / 100 * 25 * 1.15$	\$32,621
Culvert	$\text{CulvertLength} * \text{Area} * \text{UnitCost} / \text{CulvertLifeCycle} * \text{StatutoryNeedsYear} * \text{DevelopmentCost}$	$77 * 65.99992924 * 18.01 / 100 * 25 * 1.15$	\$26,314
Total Segment Cost	Construction + Preservation + ROW + Culvert + Culvert + Culvert	$\$566,859 + \$190,759 + \$0 + \$42,252 + \$32,621 + \$26,314$	\$858,805

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-620-010

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
CSAH 8 TO 1.5 MILES NORTH	Termini	CSAH 8 TO 1.5 MILES NORTH
335	Present AADT	335
2019	Year of Count	2019
1.1	Projection Factor	1.1
369	Projected Traffic	369
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
SURFACED 2008, SAP 39-620-003	Comments	SURFACED 2008, SAP 39-620-003
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 951372.33 / 60 * 25 * 1.1	\$654,068
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 45.57 / 20 * 25	\$180,457
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 15289.84 / 60 * 25	\$9,556
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$654,068 + \$180,457 + \$9,556	\$844,081

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-622-010

Original		Current
BAUDETTE	Municipality	BAUDETTE
0.35	Segment Length	0.35
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
5TH ST S TO TH 11	Termini	5TH ST S TO TH 11
1000	Present AADT	1000
2019	Year of Count	2019
1.1	Projection Factor	1.1
1100	Projected Traffic	1100
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2018	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2018 SAP 039-622-006 M&OL	Comments	2018 SAP 039-622-006 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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.35 * 2647155.73 / 60 * 25 * 1.15	\$443,950
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.35 * 2904 * 45.57 / 15 * 25	\$77,196
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.35 * 76818.03 / 60 * 25	\$11,203
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$443,950 + \$77,196 + \$11,203	\$532,349

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-622-020

Original		Current
BAUDETTE	Municipality	BAUDETTE
0.14	Segment Length	0.14
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 11 TO 2ND STREET NW (CSAH 26)	Termini	TH 11 TO 2ND STREET NW (CSAH 26)
910	Present AADT	910
2019	Year of Count	2019
1.1	Projection Factor	1.1
1001	Projected Traffic	1001
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2005	Latest Year SA funds	2005
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
CONSTRUCTED UNDER SAP 393-622-005. NEW DESIGNATION IN 2006.	Comments	CONSTRUCTED UNDER SAP 393-622-005. NEW DESIGNATION IN 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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.14 * 2647155.73 / 60 * 25 * 1.15	\$177,580
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.14 * 2904 * 45.57 / 15 * 25	\$30,878
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.14 * 76818.03 / 60 * 25	\$4,481
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$177,580 + \$30,878 + \$4,481	\$212,939

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-623-010

Original		Current
BAUDETTE	Municipality	BAUDETTE
0.14	Segment Length	0.14
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 11 TO 2ND ST N	Termini	TH 11 TO 2ND ST N
830	Present AADT	830
2019	Year of Count	2019
1.1	Projection Factor	1.1
913	Projected Traffic	913
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2007	Latest Year SA funds	2007
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
1ST BLOCK - SURFACE CONSTRUCTED WITH LOCAL FUNDS IN 1999	Comments	1ST BLOCK - SURFACE CONSTRUCTED WITH LOCAL FUNDS IN 1999
2ND BLOCK - SURFACE CONSTRUCTED WITH STATE AID FUNDS IN 2007		2ND BLOCK - SURFACE CONSTRUCTED WITH STATE AID FUNDS IN 2007
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.14 * 2647155.73 / 60 * 25 * 1.15	\$177,580
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.14 * 2904 * 45.57 / 15 * 25	\$30,878
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.14 * 76818.03 / 60 * 25	\$4,481
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$177,580 + \$30,878 + \$4,481	\$212,939

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-625-010

Original		Current
WILLIAMS	Municipality	WILLIAMS
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
TH 11 TO MAIN STREET	Termini	TH 11 TO MAIN STREET
320	Present AADT	320
2019	Year of Count	2019
1.1	Projection Factor	1.1
352	Projected Traffic	352
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 039-625-006 M&OL	Comments	2017 SAP 039-625-006 M&OL
2006 SAP 039-625-005		2006 SAP 039-625-005
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN NATIONAL RAILWAY	RailRoad Name	CANADIAN NATIONAL RAILWAY
312202K	USDOT Number	312202K
0.06	Located at Milepoint	0.06
1	Mainline Tracks	1
SIGNALS ONLY	Protection Type	SIGNALS ONLY
2000	Last Year Protection Upgraded	2000
48	Crossing Length	48
	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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.08 * 2647155.73 / 60 * 25 * 1.15	\$101,474
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.08 * 2904 * 45.57 / 15 * 25	\$17,645
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.08 * 76818.03 / 60 * 25	\$2,561
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	300000 / 25 * 25	\$300,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	48 * 1750 / 25 * 25	\$84,000

Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	\$0 + \$101,474 + \$17,645 + \$2,561 + \$300,000 + \$84,000	\$505,680
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SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-625-020

Original		Current
WILLIAMS	Municipality	WILLIAMS
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
MELONEY TO CHILGREN	Termini	MELONEY TO CHILGREN
320	Present AADT	320
2019	Year of Count	2019
1.1	Projection Factor	1.1
352	Projected Traffic	352
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2017	Latest Year SA funds	2017
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 039-625-006 M&OL	Comments	2017 SAP 039-625-006 M&OL
2006 SAP 39-625-005		2006 SAP 39-625-005
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.08 * 2647155.73 / 60 * 25 * 1.15	\$101,474
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.08 * 2904 * 45.57 / 15 * 25	\$17,645
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.08 * 76818.03 / 60 * 25	\$2,561
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$101,474 + \$17,645 + \$2,561	\$121,680

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-625-030

Original		Current
WILLIAMS	Municipality	WILLIAMS
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
CHILGREN TO CSAH 13	Termini	CHILGREN TO CSAH 13
195	Present AADT	195
2019	Year of Count	2019
1.1	Projection Factor	1.1
215	Projected Traffic	215
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 039-625-006 M&OL	Comments	2017 SAP 039-625-006 M&OL
2006 SAP 39-625-005		2006 SAP 39-625-005
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 951372.33 / 60 * 25 * 1.1	\$174,418
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2112 * 45.57 / 20 * 25	\$48,122
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 15289.84 / 60 * 25	\$2,548
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$174,418 + \$48,122 + \$2,548	\$225,088

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-626-008

Original		Current
BAUDETTE	Municipality	BAUDETTE
0.12	Segment Length	0.12
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 72 TO MAIN AVE	Termini	TH 72 TO MAIN AVE
630	Present AADT	630
2019	Year of Count	2019
1.1	Projection Factor	1.1
693	Projected Traffic	693
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2007	Latest Year SA funds	2007
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SAP 39-626-004	Comments	SAP 39-626-004
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.12 * 2647155.73 / 60 * 25 * 1.15	\$152,211
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.12 * 2904 * 45.57 / 15 * 25	\$26,467
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.12 * 76818.03 / 60 * 25	\$3,841
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$152,211 + \$26,467 + \$3,841	\$182,519

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-626-010

Original		Current
BAUDETTE	Municipality	BAUDETTE
0.12	Segment Length	0.12
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
MAIN TO 2ND AVE W	Termini	MAIN TO 2ND AVE W
630	Present AADT	630
2019	Year of Count	2019
1.1	Projection Factor	1.1
693	Projected Traffic	693
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
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
SAP 39-626-004	Comments	SAP 39-626-004
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.12 * 2647155.73 / 60 * 25 * 1.15	\$152,211
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.12 * 2904 * 45.57 / 15 * 25	\$26,467
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.12 * 76818.03 / 60 * 25	\$3,841
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$152,211 + \$26,467 + \$3,841	\$182,519

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-626-020

Original		Current
BAUDETTE	Municipality	BAUDETTE
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
2ND AVE W TO CN RR	Termini	2ND AVE W TO CN RR
215	Present AADT	215
2019	Year of Count	2019
1.1	Projection Factor	1.1
237	Projected Traffic	237
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2007	Latest Year SA funds	2007
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
SAP 39-626-004	Comments	SAP 39-626-004
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN NATIONAL RAILWAY	RailRoad Name	CANADIAN NATIONAL RAILWAY
312244W	USDOT Number	312244W
0.1	Located at Milepoint	0.1
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
1980	Last Year Protection Upgraded	1980
40	Crossing Length	40
	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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.08 * 2647155.73 / 60 * 25 * 1.15	\$101,474
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.08 * 2904 * 45.57 / 15 * 25	\$17,645
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.08 * 76818.03 / 60 * 25	\$2,561
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	350000 / 25 * 25	\$350,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	40 * 1750 / 25 * 25	\$70,000
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	\$0 + \$101,474 + \$17,645 + \$2,561 + \$350,000 + \$70,000	\$541,680

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-626-030

Original		Current
BAUDETTE	Municipality	BAUDETTE
0.28	Segment Length	0.28
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CN RR TO AIRPORT	Termini	CN RR TO AIRPORT
215	Present AADT	215
2019	Year of Count	2019
1.1	Projection Factor	1.1
237	Projected Traffic	237
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
No Special Message	Special Message Code	No Special Message
SAP 39-626-030	Comments	SAP 39-626-030
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.28 * 951372.33 / 60 * 25 * 1.1	\$122,093
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.28 * 2112 * 45.57 / 20 * 25	\$33,685
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.28 * 15289.84 / 60 * 25	\$1,784
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$122,093 + \$33,685 + \$1,784	\$157,562

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-626-031

Original		Current
BAUDETTE	Municipality	BAUDETTE
0.06	Segment Length	0.06
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
AIRPORT SOUTH LIMITS TO TERMINAL BUILDING APPROACH	Termini	AIRPORT SOUTH LIMITS TO TERMINAL BUILDING APPROACH
215	Present AADT	215
2019	Year of Count	2019
1.1	Projection Factor	1.1
237	Projected Traffic	237
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
No Special Message	Special Message Code	No Special Message
SAP 39-626-004	Comments	SAP 39-626-004
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.06 * 951372.33 / 60 * 25 * 1.1	\$26,163
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.06 * 2112 * 45.57 / 20 * 25	\$7,218
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.06 * 15289.84 / 60 * 25	\$382
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$26,163 + \$7,218 + \$382	\$33,763

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-627-010

Original		Current
BAUDETTE	Municipality	BAUDETTE
0.23	Segment Length	0.23
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 1 TO MAIN AV	Termini	CSAH 1 TO MAIN AV
435	Present AADT	435
2019	Year of Count	2019
1.1	Projection Factor	1.1
479	Projected Traffic	479
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 039-627-004 M&OL	Comments	2015 SAP 039-627-004 M&OL
CONSTRUCTED UNDER SAP 39-601-22. RECONSTRUCTION OF 27 RESULTED FROM THE NEED FOR A STORM SEWER OUTLET FOR CSAH 1 PROJECT. CURB AND GUTTER ON THE NORTH SIDE WAS NOT REPLACED AND NEITHER WAS THE EXISTING STORM SEWER SERVING CSAH 27, ALTHOUGH SEVERAL CB'S ON 27 WERE TIED INTO THE CSAH 1 SS.		CONSTRUCTED UNDER SAP 39-601-22. RECONSTRUCTION OF 27 RESULTED FROM THE NEED FOR A STORM SEWER OUTLET FOR CSAH 1 PROJECT. CURB AND GUTTER ON THE NORTH SIDE WAS NOT REPLACED AND NEITHER WAS THE EXISTING STORM SEWER SERVING CSAH 27, ALTHOUGH SEVERAL CB'S ON 27 WERE TIED INTO THE CSAH 1 SS.

Interchange Override
Segment Override

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.23 * 2647155.73 / 60 * 25 * 1.15	\$291,739
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.23 * 2904 * 45.57 / 15 * 25	\$50,729
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.23 * 76818.03 / 60 * 25	\$7,362
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$291,739 + \$50,729 + \$7,362	\$349,830

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-630-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
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
TH 172 TO 0.4 MI N	Termini	TH 172 TO 0.4 MI N
55	Present AADT	55
2019	Year of Count	2019
1.1	Projection Factor	1.1
61	Projected Traffic	61
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
SURFACE CONSTRUCTED WITH MAINTENANCE FUNDS IN 2008.	Comments	SURFACE CONSTRUCTED WITH MAINTENANCE FUNDS IN 2008.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 951372.33 / 60 * 25 * 1.1	\$174,418
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2112 * 45.57 / 20 * 25	\$48,122
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 15289.84 / 60 * 25	\$2,548
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$174,418 + \$48,122 + \$2,548	\$225,088

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-631-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
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
TH 172 TO 0.7 MI E	Termini	TH 172 TO 0.7 MI E
235	Present AADT	235
2019	Year of Count	2019
1.1	Projection Factor	1.1
259	Projected Traffic	259
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
SURFACED 2008, SAP 39-631-004	Comments	SURFACED 2008, SAP 39-631-004
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.7 * 951372.33 / 60 * 25 * 1.1	\$305,232
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.7 * 2112 * 45.57 / 20 * 25	\$84,213
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.7 * 15289.84 / 60 * 25	\$4,460
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$305,232 + \$84,213 + \$4,460	\$393,905

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-631-011

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
0.70 MI TO 0.80 MI E OF TH 172	Termini	0.70 MI TO 0.80 MI E OF TH 172
235	Present AADT	235
2019	Year of Count	2019
1.1	Projection Factor	1.1
259	Projected Traffic	259
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
SURFACED 2008, SAP 39-631-004	Comments	SURFACED 2008, SAP 39-631-004
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 951372.33 / 60 * 25 * 1.1	\$43,605
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2112 * 45.57 / 20 * 25	\$12,030
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 15289.84 / 60 * 25	\$637
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$43,605 + \$12,030 + \$637	\$56,272

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-631-020

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
0.8 MI E OF TH 172 TO 1.1 MI SE OF TH 172	Termini	0.8 MI E OF TH 172 TO 1.1 MI SE OF TH 172
235	Present AADT	235
2019	Year of Count	2019
1.1	Projection Factor	1.1
259	Projected Traffic	259
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2008	Latest Year SA funds	2008
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 2647155.73 / 60 * 25 * 1.15	\$380,529
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2904 * 45.57 / 15 * 25	\$66,168
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 76818.03 / 60 * 25	\$9,602
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$380,529 + \$66,168 + \$9,602	\$456,299

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-632-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
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
TH 172 TO RAINY RIVER	Termini	TH 172 TO RAINY RIVER
280	Present AADT	280
2019	Year of Count	2019
1.1	Projection Factor	1.1
308	Projected Traffic	308
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
SURFACED 2008, SAP 39-632-004	Comments	SURFACED 2008, SAP 39-632-004
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.7 * 951372.33 / 60 * 25 * 1.1	\$305,232
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.7 * 2112 * 45.57 / 20 * 25	\$84,213
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.7 * 15289.84 / 60 * 25	\$4,460
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$305,232 + \$84,213 + \$4,460	\$393,905

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-633-010

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
TH 172 TO E & NO TO TH 172	Termini	TH 172 TO E & NO TO TH 172
230	Present AADT	230
2019	Year of Count	2019
1.1	Projection Factor	1.1
253	Projected Traffic	253
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2018	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2018 SAP 039-633-003 Reconst	Comments	2018 SAP 039-633-003 Reconst
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.8 * 951372.33 / 60 * 25 * 1.1	\$348,837
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.8 * 2112 * 45.57 / 20 * 25	\$96,244
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.8 * 15289.84 / 60 * 25	\$5,097
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$348,837 + \$96,244 + \$5,097	\$450,178

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-634-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.3	Segment Length	1.3
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 8 TO 0.30 MI N OF STATE PARK BOUNDRY	Termini	CSAH 8 TO 0.30 MI N OF STATE PARK BOUNDRY
105	Present AADT	105
2019	Year of Count	2019
1.1	Projection Factor	1.1
116	Projected Traffic	116
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
SURFACED 2008, SAP 39-634-003	Comments	SURFACED 2008, SAP 39-634-003
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.3 * 951372.33 / 60 * 25 * 1.1	\$566,859
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.3 * 2112 * 45.57 / 20 * 25	\$156,396
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.3 * 15289.84 / 60 * 25	\$8,282
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$566,859 + \$156,396 + \$8,282	\$731,537

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-635-005

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 3 TO CSAH 1	Termini	CSAH 3 TO CSAH 1
160	Present AADT	160
2019	Year of Count	2019
1.1	Projection Factor	1.1
176	Projected Traffic	176
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 39-635-011	Comments	2009 OVERLAY, SAP 39-635-011
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 951372.33 / 60 * 25 * 1.1	\$872,091
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 45.57 / 20 * 25	\$240,610
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 15289.84 / 60 * 25	\$12,742
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$872,091 + \$240,610 + \$12,742	\$1,125,443

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-635-010

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
CSAH 1 TO W BANK BAUDETTE RIVER	Termini	CSAH 1 TO W BANK BAUDETTE RIVER
335	Present AADT	335
2019	Year of Count	2019
1.1	Projection Factor	1.1
369	Projected Traffic	369
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 39-635-011	Comments	2009 OVERLAY, SAP 39-635-011
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.6 * 951372.33 / 60 * 25 * 1.1	\$261,627
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.6 * 2112 * 45.57 / 20 * 25	\$72,183
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.6 * 15289.84 / 60 * 25	\$3,822
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$261,627 + \$72,183 + \$3,822	\$337,632

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-635-011

Original	Current
Unassigned/Unknown	Unassigned/Unknown
0.4	0.4
MIXED BITUMINOUS	MIXED BITUMINOUS
2	2
NOT DIVIDED	NOT DIVIDED
W BANK OF BAUDETTE RIVER TO W LIM OF BAUDETTE	W BANK OF BAUDETTE RIVER TO W LIM OF BAUDETTE
335	335
2019	2019
1.1	1.1
369	369
RURAL	RURAL
2 - RURAL : 150 - 1499	2 (RURAL : 150 - 1499)
2009	2009
0	0
No Special Message	No Special Message
2009 OVERLAY, SAP 39-635-011	2009 OVERLAY, SAP 39-635-011
	Interchange Override
	Segment Override

Bridge Information

Status: Original

Original	Current
39508	39508
2.73	2.73
1985	1985
BAUDETTE RIVER	BAUDETTE RIVER
	Type of Service
	Number of Spans
92.3	92.3
35	35
100%	100%
	Comments
1 (0-149)	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 951372.33 / 60 * 25 * 1.1	\$174,418
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2112 * 45.57 / 20 * 25	\$48,122
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 15289.84 / 60 * 25	\$2,548
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	92.3 * 35 * 173 / 80 * 25 * 1.15	\$200,846
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	\$0 + \$174,418 + \$48,122 + \$2,548 + \$200,846	\$425,934

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-635-020

Original		Current
BAUDETTE	Municipality	BAUDETTE
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W LIM BAUDETTE TO TH 72	Termini	W LIM BAUDETTE TO TH 72
185	Present AADT	185
2019	Year of Count	2019
1.1	Projection Factor	1.1
204	Projected Traffic	204
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 39-625-011	Comments	2009 OVERLAY, SAP 39-625-011
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 951372.33 / 60 * 25 * 1.1	\$436,046
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 45.57 / 20 * 25	\$120,305
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 15289.84 / 60 * 25	\$6,371
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$436,046 + \$120,305 + \$6,371	\$562,722

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-635-030

Original		Current
BAUDETTE	Municipality	BAUDETTE
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
TH 72 TO E LIMS BAUDETTE	Termini	TH 72 TO E LIMS BAUDETTE
135	Present AADT	135
2019	Year of Count	2019
1.1	Projection Factor	1.1
149	Projected Traffic	149
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 39-635-011	Comments	2009 OVERLAY, SAP 39-635-011
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 951372.33 / 60 * 25 * 1.1	\$218,023
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 45.57 / 20 * 25	\$60,152
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 15289.84 / 60 * 25	\$3,185
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$218,023 + \$60,152 + \$3,185	\$281,360

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-635-040

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
E LIMS BAUDETTE TO TH 11	Termini	E LIMS BAUDETTE TO TH 11
135	Present AADT	135
2019	Year of Count	2019
1.1	Projection Factor	1.1
149	Projected Traffic	149
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 39-635-011	Comments	2009 OVERLAY, SAP 39-635-011
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 951372.33 / 60 * 25 * 1.1	\$218,023
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 45.57 / 20 * 25	\$60,152
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 15289.84 / 60 * 25	\$3,185
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$218,023 + \$60,152 + \$3,185	\$281,360

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-636-010

Original		Current
BAUDETTE	Municipality	BAUDETTE
0.79	Segment Length	0.79
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
9TH AVE SE - CSAH 35 to TH 11	Termini	9TH AVE SE - CSAH 35 to TH 11
140	Present AADT	140
2019	Year of Count	2019
1.1	Projection Factor	1.1
154	Projected Traffic	154
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
	Latest Year SA funds	
0	Number of Signal Legs	0
	Special Message Code	
CO#395931 2017	Comments	CO#395931 2017
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.79 * 951372.33 / 60 * 25 * 1.1	\$344,476
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.79 * 2112 * 45.57 / 20 * 25	\$95,041
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.79 * 15289.84 / 60 * 25	\$5,033
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$344,476 + \$95,041 + \$5,033	\$444,550

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-638-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.31	Segment Length	0.31
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
30th AVE NW FROM TH 172 TO CSAH 8	Termini	30th AVE NW FROM TH 172 TO CSAH 8
730	Present AADT	730
2019	Year of Count	2019
1.1	Projection Factor	1.1
803	Projected Traffic	803
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
	Latest Year SA funds	
0	Number of Signal Legs	0
	Special Message Code	
CO 96071 2017	Comments	CO 96071 2017
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.31 * 951372.33 / 60 * 25 * 1.1	\$135,174
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.31 * 2112 * 45.57 / 20 * 25	\$37,294
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.31 * 15289.84 / 60 * 25	\$1,975
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	\$0 + \$135,174 + \$37,294 + \$1,975	\$174,443

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :		Segment Nbr : 039-639-010
LAKE OF THE WOODS		
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
T.H.#11 TO T.H.#172	Termini	T.H.#11 TO T.H.#172
285	Present AADT	285
2019	Year of Count	2019
1.1	Projection Factor	1.1
314	Projected Traffic	314
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 039-639-003 M&OL	Comments	2016 SAP 039-639-003 M&OL
SAP 39-639-002, 2007		SAP 39-639-002, 2007
	Interchange Override	
	Segment Override	

Culvert Information		Status: Original
Original	Current	
95304	Structure Number	95304
0.19	Milepoint	0.19
1979	Year Built	1979
KELLY CREEK	Feature Crossed	KELLY CREEK
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
50	Culvert Length	50
85.00036552	Area of Waterway Opening	85.00036552
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

RailRoadCrossing Information		Status: Original
Original	Current	
CANADIAN NATIONAL RAILWAY	RailRoad Name	CANADIAN NATIONAL RAILWAY
312187K	USDOT Number	312187K
0.01	Located at Milepoint	0.01
1	Mainline Tracks	1
NONE	Protection Type	NONE
2001	Last Year Protection Upgraded	2001
40	Crossing Length	40
	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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 951372.33 / 60 * 25 * 1.1	\$872,091
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 45.57 / 20 * 25	\$240,610
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 15289.84 / 60 * 25	\$12,742
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	50 * 85.00036552 * 18.01 / 100 * 25 * 1.15	\$22,006
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	0 / 25 * 25	\$0
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	40 * 1750 / 25 * 25	\$70,000
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert + RR Crossing Protection + RR Crossing Surface	\$0 + \$872,091 + \$240,610 + \$12,742 + \$22,006 + \$0 + \$70,000	\$1,217,449

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-649-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
7.7	Segment Length	7.7
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
INTERNATIONAL BORDER TO CR #331	Termini	INTERNATIONAL BORDER TO CR #331
130	Present AADT	130
2019	Year of Count	2019
1.1	Projection Factor	1.1
143	Projected Traffic	143
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
SB APPROVED MILEAGE SEGMENT	Special Message Code	SB APPROVED MILEAGE SEGMENT
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	7.7 * 475686.17 / 60 * 25 * 1.1	\$1,678,776
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	7.7 * 546 * 10.75 / 2 * 25	\$564,939
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	7.7 * 0 / 60 * 25	\$0
Total Segment Cost	Construction + Preservation + ROW	\$1,678,776 + \$564,939 + \$0	\$2,243,715

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : LAKE OF THE WOODS Segment Nbr : 039-649-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.8	Segment Length	3.8
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CR #331TO YOUNG'S BAY RESORT	Termini	CR #331TO YOUNG'S BAY RESORT
200	Present AADT	200
2019	Year of Count	2019
1.1	Projection Factor	1.1
220	Projected Traffic	220
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
R0623	Structure Number	R0623
8.61	Milepoint	8.61
2005	Year Built	2005
Mitchell Creek	Feature Crossed	Mitchell Creek
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
0	Culvert Width	0
4	Culvert Height	4
60	Culvert Length	60
0	Area of Waterway Opening	0
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 * 61250 / 40 * 25	\$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.8 * 951372.33 / 60 * 25 * 1.1	\$1,656,973
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.8 * 2112 * 45.57 / 20 * 25	\$457,158
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.8 * 15289.84 / 60 * 25	\$24,209
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	60 * 0 * 18.01 / 100 * 25 * 1.15	\$0

Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	\$0 + \$1,656,973 + \$457,158 + \$24,209 + \$0	\$2,138,340
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