Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-601-010

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 2 TO CSAH 4	Termini	CSAH 2 TO CSAH 4
140	Present AADT	140
2015	Year of Count	2015
1.1	Projection Factor	1.1
154	Projected Traffic	154
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1996	Latest Year SA funds	1996
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
9967	Structure Number	9967
1.34	Milepoint	1.34
1951	Year Built	1951
JUD DITCH # 14	Feature Crossed	JUD DITCH # 14
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
38.8	Bridge Length	38.8
27.4	Bridge Width	27.4
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 893911.9 / 60 * 25 * 1.1	$1,229,129
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 56.87 / 20 * 25	$450,410
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 88125.9 / 60 * 25	$110,157
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	38.8 * 27.4 * 163 / 80 * 25 * 1.15	$62,276
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $1,229,129 + $450,410 + $110,157 + $62,276	$1,851,972

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : FARIBAULT

Segment Nbr : 022-601-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5.5	Segment Length	5.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FROM CSAH 4 TO CSAH 16	Termini	FROM CSAH 4 TO CSAH 16
280	Present AADT	280
2015	Year of Count	2015
1	Projection Factor	1
280	Projected Traffic	280
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1990	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	2018: 022-601-023 Microsurfacing
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22587	Structure Number	22587
7.56	Milepoint	7.56
1989	Year Built	1989
JUD DITCH # 12	Feature Crossed	JUD DITCH # 12
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
59.3	Bridge Length	59.3
36	Bridge Width	36
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information

Status: Original

Original		Current
96910	Structure Number	96910
3.99	Milepoint	3.99
1989	Year Built	1989
JUD DITCH # 14	Feature Crossed	JUD DITCH # 14
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
10	Culvert Height	10
60	Culvert Length	60
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
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**5.5 * 893911.9 / 60 * 25 * 1.1**	**$2,253,403**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**5.5 * 2112 * 56.87 / 20 * 25**	**$825,752**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**5.5 * 88125.9 / 60 * 25**	**$201,955**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**59.3 * 36 * 163 / 80 * 25 * 1.15**	**$125,053**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**60 * 120.00026276 * 16.61 / 100 * 25 * 1.15**	**$34,383**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + Culvert**	**$0 + $2,253,403 + $825,752 + $201,955 + $125,053 + $34,383**	**$3,440,546**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-601-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FROM CSAH 16 TO 1.0 MI. NORTH	Termini	FROM CSAH 16 TO 1.0 MI. NORTH
530	Present AADT	530
2015	Year of Count	2015
1	Projection Factor	1
530	Projected Traffic	530
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
2003 - 2" OVERLAY PLACED IN 2003 USING STATE AID FUNDS	Comments	2003 - 2" OVERLAY PLACED IN 2003 USING STATE AID FUNDS
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
195471D	USDOT Number	195471D
0.02	Located at Milepoint	0.02
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
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 893911.9 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 56.87 / 20 * 25	$150,137
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 88125.9 / 60 * 25	$36,719
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	30 * 1350 / 25 * 25	$40,500
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $409,710 + $150,137 + $36,719 + $1,500 + $40,500	$638,566

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-601-050

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
1.0 MI N TO 3.2 MI N OF CSAH 16	Termini	1.0 MI N TO 3.2 MI N OF CSAH 16
350	Present AADT	350
2015	Year of Count	2015
1	Projection Factor	1
350	Projected Traffic	350
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
2003 - 2" OVERLAY PLACED IN 2003 USING STATE AID FUNDS - SPECIAL RESURFACING	Comments	2003 - 2" OVERLAY PLACED IN 2003 USING STATE AID FUNDS - SPECIAL RESURFACING
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.2 * 893911.9 / 60 * 25 * 1.1	$901,361
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.2 * 2112 * 56.87 / 20 * 25	$330,301
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.2 * 88125.9 / 60 * 25	$80,782
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $901,361 + $330,301 + $80,782	$1,312,444

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-601-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.6	Segment Length	2.6
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
3.2 MI N OF CSAH 16 TO S LIMS HUNTLEY	Termini	3.2 MI N OF CSAH 16 TO S LIMS HUNTLEY
350	Present AADT	350
2015	Year of Count	2015
1	Projection Factor	1
350	Projected Traffic	350
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 022-601-022 NEW BR 22612 2003 - 2" OVERLAY PLACED IN 2003 USING STATE AID FUNDS - SPECIAL RESURFACING 2004 - CHANGED LENGTH OF BRIDGE 22505 REPLACEMENT	Comments	2012 SAP 022-601-022 NEW BR 22612 2003 - 2" OVERLAY PLACED IN 2003 USING STATE AID FUNDS - SPECIAL RESURFACING 2004 - CHANGED LENGTH OF BRIDGE 22505 REPLACEMENT
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22505	Structure Number	22505
13.5	Milepoint	13.5
1965	Year Built	1965
CENTER CREEK	Feature Crossed	CENTER CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
70	Bridge Length	70
30	Bridge Width	30
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Bridge Information

Status: Original

Original		Current
22612	Structure Number	22612
12.66	Milepoint	12.66
2012	Year Built	2012
SOUTH CREEK	Feature Crossed	SOUTH CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
51	Bridge Length	51
39.33	Bridge Width	39.33
100%	Shared Structure	100%
NEW BRIDGE 22612 BUILT IN 2012 SAP 022-601-022	Comments	NEW BRIDGE 22612 BUILT IN 2012 SAP 022-601-022
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost

Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.6 * 893911.9 / 60 * 25 * 1.1	$1,065,245
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.6 * 2112 * 56.87 / 20 * 25	$390,356
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.6 * 88125.9 / 60 * 25	$95,470
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	70 * 30 * 163 / 80 * 25 * 1.15	$123,014
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	51 * 39.33 * 163 / 80 * 25 * 1.15	$117,498
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Bridge	$0 + $1,065,245 + $390,356 + $95,470 + $123,014 + $117,498	$1,791,583

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-601-070

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
SOUTH LIMITS TO NORTH LIMITS HUNTLEY-UNIC	Termini	SOUTH LIMITS TO NORTH LIMITS HUNTLEY-UNIC
350	Present AADT	350
2015	Year of Count	2015
1	Projection Factor	1
350	Projected Traffic	350
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2003	Latest Year SA funds	2003
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - 2" OVERLAY PLACED BY SMC IN 2003 USING STATE AID FUNDS - SPECIAL RESURFACING ALSO CHANGED LENGTH OF CURB & GUTTER TO 3168 LIN FT	Comments	2003 - 2" OVERLAY PLACED BY SMC IN 2003 USING STATE AID FUNDS - SPECIAL RESURFACING ALSO CHANGED LENGTH OF CURB & GUTTER TO 3168 LIN FT
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380841M	USDOT Number	380841M
0.2	Located at Milepoint	0.2
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
36	Crossing Length	36
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 3824526.1 / 60 * 25 * 1.15	$549,776
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2904 * 56.87 / 15 * 25	$82,575
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 27899.86 / 60 * 25	$3,487
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500

RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**36 * 1350 / 25 * 25**	**$48,600**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $549,776 + $82,575 + $3,487 + $1,500 + $48,600**	**$685,938**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-601-080

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
N LIM OF HUNTLEY TO 1.4 MI N	Termini	N LIM OF HUNTLEY TO 1.4 MI N
160	Present AADT	160
2015	Year of Count	2015
1	Projection Factor	1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2009 - GRADING NEEDS REINSTATED	Comments	2009 - GRADING NEEDS REINSTATED
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 893911.9 / 60 * 25 * 1.1	$573,593
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 2112 * 56.87 / 20 * 25	$210,192
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 88125.9 / 60 * 25	$51,407
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $573,593 + $210,192 + $51,407	$835,192

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-601-081

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.1	Segment Length	1.1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.4 MI N OF N LIM HUNTLEY TO W CO LINE	Termini	1.4 MI N OF N LIM HUNTLEY TO W CO LINE
160	Present AADT	160
2015	Year of Count	2015
1	Projection Factor	1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - REINSTATED NEEDS ON BRIDGE 22516	Comments	2005 - REINSTATED NEEDS ON BRIDGE 22516
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22516	Structure Number	22516
16.43	Milepoint	16.43
1970	Year Built	1970
ELM CREEK	Feature Crossed	ELM CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
108	Bridge Length	108
35	Bridge Width	35
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.1 * 893911.9 / 60 * 25 * 1.1	$450,681
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.1 * 2112 * 56.87 / 20 * 25	$165,150
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.1 * 88125.9 / 60 * 25	$40,391
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	108 * 35 * 163 / 80 * 25 * 1.15	$221,425
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $450,681 + $165,150 + $40,391 + $221,425	$877,647

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-601-090

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
ALONG W COUNTY LINE TO CSAH 12	Termini	ALONG W COUNTY LINE TO CSAH 12
160	Present AADT	160
2015	Year of Count	2015
1	Projection Factor	1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2009 - REINSTATED GRADING NEEDS	Comments	2009 - REINSTATED GRADING NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 893911.9 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 56.87 / 20 * 25	$150,137
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 88125.9 / 60 * 25	$36,719
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $409,710 + $150,137 + $36,719	$596,566

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-601-091

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 12 TO 2.0 MI N ALONG W COUNTY LINE	Termini	CSAH 12 TO 2.0 MI N ALONG W COUNTY LINE
60	Present AADT	60
2015	Year of Count	2015
1	Projection Factor	1
60	Projected Traffic	60
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 * 446955.95 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 546 * 10.01 / 2 * 25	$136,637
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$409,710 + $136,637 + $0	$546,347

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-601-100

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
NW COR CO TO 1.40 MI E	Termini	NW COR CO TO 1.40 MI E
65	Present AADT	65
2015	Year of Count	2015
2.4	Projection Factor	2.4
156	Projected Traffic	156
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
DSAE APPROVED TRAFFIC FACTOR CHANGE TO ALLOW FOR BASE AND BITUMINOUS SURFACING	Comments	DSAE APPROVED TRAFFIC FACTOR CHANGE TO ALLOW FOR BASE AND BITUMINOUS SURFACING
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 893911.9 / 60 * 25 * 1.1	$573,593
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 2112 * 56.87 / 20 * 25	$210,192
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 88125.9 / 60 * 25	$51,407
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $573,593 + $210,192 + $51,407	$835,192

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	**FARIBAULT**	**Segment Nbr : 022-602-020**

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
WEST COUNTY LINE TO 350TH AVE	Termini	WEST COUNTY LINE TO 350TH AVE
185	Present AADT	185
2015	Year of Count	2015
1	Projection Factor	1
185	Projected Traffic	185
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
2004 - COMBINED WITH SEGMENT 602-10 2009 - PLACED OVERLAY WITH STATE AID FUNDS - REDUCED SEGMENT LENGTH TO 4 MILES CHANGED WEST TERMINI TO 350TH AVENUE	Comments	2004 - COMBINED WITH SEGMENT 602-10 2009 - PLACED OVERLAY WITH STATE AID FUNDS - REDUCED SEGMENT LENGTH TO 4 MILES CHANGED WEST TERMINI TO 350TH AVENUE
OVERLAY 2009, SAP 22-602-025		OVERLAY 2009, SAP 22-602-025
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4 * 893911.9 / 60 * 25 * 1.1	$1,638,838
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 2112 * 56.87 / 20 * 25	$600,547
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 88125.9 / 60 * 25	$146,877
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,638,838 + $600,547 + $146,877	$2,386,262

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-030

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
350TH AVE TO TH 169	Termini	350TH AVE TO TH 169
250	Present AADT	250
2015	Year of Count	2015
1	Projection Factor	1
250	Projected Traffic	250
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 022-602-028 M&OL	Comments	2013 SAP 022-602-028 M&OL
2012 - SAP 022-602-027 BR# 22614		2012 - SAP 022-602-027 BR# 22614
2009 - INCREASE LENGTH TO 4.1 MILES CHANGED THE WEST TERMINI TO 350TH AVENUE		2009 - INCREASE LENGTH TO 4.1 MILES CHANGED THE WEST TERMINI TO 350TH AVENUE
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22588	Structure Number	22588
4.52	Milepoint	4.52
1990	Year Built	1990
JUD DITCH # 7	Feature Crossed	JUD DITCH # 7
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
72.3	Bridge Length	72.3
36	Bridge Width	36
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Bridge Information

Status: Original

Original		Current
22614	Structure Number	22614
7.36	Milepoint	7.36
2012	Year Built	2012
BLUE EARTH RIVER	Feature Crossed	BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
82.75	Bridge Length	82.75
35.33	Bridge Width	35.33
100%	Shared Structure	100%
NEW BRIDGE BUILT SAP 22-602-027	Comments	NEW BRIDGE BUILT SAP 22-602-027
1 (0-149)	Bridge Group Code	1 (0-149)

Bridge Information

Status: Original

Original		Current

22611	Structure Number	22611
6.5	Milepoint	6.5
2011	Year Built	2011
W BR BLUE EARTH RIVER	Feature Crossed	W BR BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
88.75	Bridge Length	88.75
35.33	Bridge Width	35.33
100%	Shared Structure	100%
NEW BRIDGE BUILT VIA SAP 22-602-026	Comments	NEW BRIDGE BUILT VIA SAP 22-602-026
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.1 * 893911.9 / 60 * 25 * 1.1	$1,679,809
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.1 * 2112 * 56.87 / 20 * 25	$615,561
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.1 * 88125.9 / 60 * 25	$150,548
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	72.3 * 36 * 163 / 80 * 25 * 1.15	$152,467
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	82.75 * 35.33 * 163 / 80 * 25 * 1.15	$171,257
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	88.75 * 35.33 * 163 / 80 * 25 * 1.15	$183,674
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Bridge + Bridge	$0 + $1,679,809 + $615,561 + $150,548 + $152,467 + $171,257 + $183,674	$2,953,316

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-050

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
TH 169 TO CSAH 13	Termini	TH 169 TO CSAH 13
260	Present AADT	260
2015	Year of Count	2015
1	Projection Factor	1
260	Projected Traffic	260
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1998	Latest Year SA funds	1998
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2004 - COMBINED WITH SEGMENT 602-040	Comments	2004 - COMBINED WITH SEGMENT 602-040
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
92292	Structure Number	92292
11.98	Milepoint	11.98
1964	Year Built	1964
CO DITCH # 80	Feature Crossed	CO DITCH # 80
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
66.1	Bridge Length	66.1
27.4	Bridge Width	27.4
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.9 * 893911.9 / 60 * 25 * 1.1	$1,597,868
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.9 * 2112 * 56.87 / 20 * 25	$585,534
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.9 * 88125.9 / 60 * 25	$143,205
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	66.1 * 27.4 * 163 / 80 * 25 * 1.15	$106,093
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $1,597,868 + $585,534 + $143,205 + $106,093	$2,432,700

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-060

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 13 TO CSAH 17	Termini	CSAH 13 TO CSAH 17
170	Present AADT	170
2015	Year of Count	2015
1	Projection Factor	1
170	Projected Traffic	170
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
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	

Bridge Information

Status: Original

Original		Current
22585	Structure Number	22585
13.89	Milepoint	13.89
1990	Year Built	1990
JUD DITCH # 13,BR A	Feature Crossed	JUD DITCH # 13,BR A
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
63.3	Bridge Length	63.3
36	Bridge Width	36
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information

Status: Original

Original		Current
22J01	Structure Number	22J01
16.2	Milepoint	16.2
1997	Year Built	1997
JUD DITCH # 13	Feature Crossed	JUD DITCH # 13
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
10	Culvert Width	10
9	Culvert Height	9
64	Culvert Length	64
180.00039414	Area of Waterway Opening	180.00039414
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

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

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**4 * 893911.9 / 60 * 25 * 1.1**	**$1,638,838**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**4 * 2112 * 56.87 / 20 * 25**	**$600,547**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**4 * 88125.9 / 60 * 25**	**$146,877**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**63.3 * 36 * 163 / 80 * 25 * 1.15**	**$133,488**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**64 * 180.00039414 * 16.61 / 100 * 25 * 1.15**	**$55,012**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + Culvert**	**$0 + $1,638,838 + $600,547 + $146,877 + $133,488 + $55,012**	**$2,574,762**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-070

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5.5	Segment Length	5.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 17 TO W LIMIT OF BRICELYN	Termini	CSAH 17 TO W LIMIT OF BRICELYN
600	Present AADT	600
2015	Year of Count	2015
1	Projection Factor	1
600	Projected Traffic	600
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1991	Latest Year SA funds	1991
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2004 - COMBINED WITH SEGMENT 602-80	Comments	2004 - COMBINED WITH SEGMENT 602-80
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
96931	Structure Number	96931
21.41	Milepoint	21.41
1990	Year Built	1990
CO DITCH # 44	Feature Crossed	CO DITCH # 44
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
85	Culvert Length	85
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 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5.5 * 893911.9 / 60 * 25 * 1.1	$2,253,403
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5.5 * 2112 * 56.87 / 20 * 25	$825,752
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5.5 * 88125.9 / 60 * 25	$201,955
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	85 * 95.99999493 * 16.61 / 100 * 25 * 1.15	$38,967

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $2,253,403 + $825,752 + $201,955 + $38,967**	**$3,320,077**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-090

Original		Current
BRICELYN	Municipality	BRICELYN
0.26	Segment Length	0.26
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W LIM BRICELYN TO 0.26 MI E	Termini	W LIM BRICELYN TO 0.26 MI E
600	Present AADT	600
2015	Year of Count	2015
1	Projection Factor	1
600	Projected Traffic	600
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1991	Latest Year SA funds	1991
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.26 * 893911.9 / 60 * 25 * 1.1	$106,525
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.26 * 2112 * 56.87 / 20 * 25	$39,036
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.26 * 88125.9 / 60 * 25	$9,547
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $106,525 + $39,036 + $9,547	$155,108

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-100

Original		Current
BRICELYN	Municipality	BRICELYN
0.26	Segment Length	0.26
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.26 MI E OF W LIM BRICELYN TO TH 253	Termini	0.26 MI E OF W LIM BRICELYN TO TH 253
600	Present AADT	600
2015	Year of Count	2015
1	Projection Factor	1
600	Projected Traffic	600
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1991	Latest Year SA funds	1991
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.26 * 3824526.1 / 60 * 25 * 1.15	$476,472
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.26 * 2904 * 56.87 / 15 * 25	$71,565
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.26 * 27899.86 / 60 * 25	$3,022
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $476,472 + $71,565 + $3,022	$551,059

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-110

Original		Current
BRICELYN	Municipality	BRICELYN
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
TH 253 TO S LIM BRICELYN	Termini	TH 253 TO S LIM BRICELYN
600	Present AADT	600
2015	Year of Count	2015
1	Projection Factor	1
600	Projected Traffic	600
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1990	Latest Year SA funds	1990
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
608617P	USDOT Number	608617P
0.1	Located at Milepoint	0.1
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
56	Crossing Length	56
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 893911.9 / 60 * 25 * 1.1	$40,971
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2112 * 56.87 / 20 * 25	$15,014
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 88125.9 / 60 * 25	$3,672
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	56 * 1350 / 25 * 25	$75,600
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $40,971 + $15,014 + $3,672 + $1,500 + $75,600	$136,757

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-120

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5.7	Segment Length	5.7
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S LIM BRICELYN TO W LIM KIESTER	Termini	S LIM BRICELYN TO W LIM KIESTER
600	Present AADT	600
2015	Year of Count	2015
1	Projection Factor	1
600	Projected Traffic	600
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1990	Latest Year SA funds	1990
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
MOVED STRUCTURE 92804 TO THIS SEGEMENT FROM 602-150.	Comments	MOVED STRUCTURE 92804 TO THIS SEGEMENT FROM 602-150.
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
92804	Structure Number	92804
29.38	Milepoint	29.38
1956	Year Built	1956
BRUSH CREEK	Feature Crossed	BRUSH CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
31.5	Bridge Length	31.5
44.8	Bridge Width	44.8
100%	Shared Structure	100%
THIS STRUCTURE WAS IN SEGMENT 602-150	Comments	THIS STRUCTURE WAS IN SEGMENT 602-150
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information

Status: Original

Original		Current
96980	Structure Number	96980
26.88	Milepoint	26.88
1989	Year Built	1989
CO DITCH # 34	Feature Crossed	CO DITCH # 34
	Type of Service	
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
122	Culvert Length	122
73.99965972	Area of Waterway Opening	73.99965972
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD

195962C	USDOT Number	195962C
5.1	Located at Milepoint	5.1
1	Mainline Tracks	1
SIGNALS ONLY	Protection Type	SIGNALS ONLY
1983	Last Year Protection Upgraded	1983
190	Crossing Length	190
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5.7 * 893911.9 / 60 * 25 * 1.1	$2,335,345
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5.7 * 2112 * 56.87 / 20 * 25	$855,780
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5.7 * 88125.9 / 60 * 25	$209,299
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	31.5 * 44.8 * 163 / 80 * 25 * 1.15	$82,665
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	122 * 73.99965972 * 16.61 / 100 * 25 * 1.15	$43,112
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	275000 / 25 * 25	$275,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	190 * 1350 / 25 * 25	$256,500
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Culvert + RR Crossing Protection + RR Crossing Surface	$0 + $2,335,345 + $855,780 + $209,299 + $82,665 + $43,112 + $275,000 + $256,500	$4,057,701

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-130

Original		Current
KIESTER	Municipality	KIESTER
0.62	Segment Length	0.62
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W LIM KIESTER TO TH 22	Termini	W LIM KIESTER TO TH 22
720	Present AADT	720
2015	Year of Count	2015
1	Projection Factor	1
720	Projected Traffic	720
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1989	Latest Year SA funds	1989
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.62 * 3824526.1 / 60 * 25 * 1.15	$1,136,203
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.62 * 2904 * 56.87 / 15 * 25	$170,655
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.62 * 27899.86 / 60 * 25	$7,207
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,136,203 + $170,655 + $7,207	$1,314,065

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-140

Original		Current
KIESTER	Municipality	KIESTER
0.26	Segment Length	0.26
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 22 TO E LIM KIESTER	Termini	TH 22 TO E LIM KIESTER
320	Present AADT	320
2015	Year of Count	2015
1	Projection Factor	1
320	Projected Traffic	320
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
2003 - REVISED CURB & GUTTER LENGTH TO 2746 LIN FT	Comments	2003 - REVISED CURB & GUTTER LENGTH TO 2746 LIN FT
2007 - PLACED 2.5" BIT OVERLAY UNDER 22-602-24 NO RESURFACE PENALTY		2007 - PLACED 2.5" BIT OVERLAY UNDER 22-602-24 NO RESURFACE PENALTY
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.26 * 893911.9 / 60 * 25 * 1.1	$106,525
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.26 * 2112 * 56.87 / 20 * 25	$39,036
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.26 * 88125.9 / 60 * 25	$9,547
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $106,525 + $39,036 + $9,547	$155,108

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-150

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.7	Segment Length	1.7
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
E LIM KIESTER TO CO RD 121	Termini	E LIM KIESTER TO CO RD 121
320	Present AADT	320
2015	Year of Count	2015
1	Projection Factor	1
320	Projected Traffic	320
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
2007 - 2.5" OVERLAY PLACED UNDER 22-602-24 NO SPECIAL RESURFACING DEDUCT 2014 - MOVED STRUCTURE 92804 TO SEGMENT 602-120.	Comments	2007 - 2.5" OVERLAY PLACED UNDER 22-602-24 NO SPECIAL RESURFACING DEDUCT 2014 - MOVED STRUCTURE 92804 TO SEGMENT 602-120.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.7 * 893911.9 / 60 * 25 * 1.1	$696,506
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.7 * 2112 * 56.87 / 20 * 25	$255,233
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.7 * 88125.9 / 60 * 25	$62,423
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $696,506 + $255,233 + $62,423	$1,014,162

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-602-160

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
CO RD 121 TO E CO LINE	Termini	CO RD 121 TO E CO LINE
235	Present AADT	235
2015	Year of Count	2015
1	Projection Factor	1
235	Projected Traffic	235
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
2007 - 2.5" OVERLAY VIA PROJECT 22-602-24	Comments	2007 - 2.5" OVERLAY VIA PROJECT 22-602-24
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
92369	Structure Number	92369
30.61	Milepoint	30.61
1959	Year Built	1959
STREAM	Feature Crossed	STREAM
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
10	Culvert Height	10
153	Culvert Length	153
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
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 893911.9 / 60 * 25 * 1.1	$614,564
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 56.87 / 20 * 25	$225,205
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 88125.9 / 60 * 25	$55,079
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	153 * 37.99979617 * 16.61 / 100 * 25 * 1.15	$27,764

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $614,564 + $225,205 + $55,079 + $27,764**	**$922,612**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-604-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W 1/4 SEC6 T101 R28 TO SW COR SEC6 T101 R28	Termini	W 1/4 SEC6 T101 R28 TO SW COR SEC6 T101 R28
70	Present AADT	70
2015	Year of Count	2015
1	Projection Factor	1
70	Projected Traffic	70
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
2004 - BRIDGE 22517 NEEDS REINSTATED	Comments	2004 - BRIDGE 22517 NEEDS REINSTATED
2005 - BRIDGE 22517 CAME UP IN MARTIN COUNTY'S LIST OF BRIDGES TO BE REINSTATED - FARIBAULT COUNTY DOES INSPECTIONS AND MAINTENANCE SO IN TALKING TO KEVIN PEYMAN AND DIANE GOULD IT WAS DECIDED TO LEAVE THIS IN FARIBAULT COUNTY'S NEEDS		2005 - BRIDGE 22517 CAME UP IN MARTIN COUNTY'S LIST OF BRIDGES TO BE REINSTATED - FARIBAULT COUNTY DOES INSPECTIONS AND MAINTENANCE SO IN TALKING TO KEVIN PEYMAN AND DIANE GOULD IT WAS DECIDED TO LEAVE THIS IN FARIBAULT COUNTY'S NEEDS
2006 - WE CHANGED OUR MINDS ON BRIDGE 22517. IT WAS DECIDED THAT MARTIN COUNTY SHOULD DO THE INSPECTIONS AND BE RESPONSIBLE TO REPLACE THIS BRIDGE SO BRIDGE 22517 WAS DELETED FROM FARIBAULT COUNTY'S NEEDS		2006 - WE CHANGED OUR MINDS ON BRIDGE 22517. IT WAS DECIDED THAT MARTIN COUNTY SHOULD DO THE INSPECTIONS AND BE RESPONSIBLE TO REPLACE THIS BRIDGE SO BRIDGE 22517 WAS DELETED FROM FARIBAULT COUNTY'S NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 446955.95 / 60 * 25 * 1.1	$102,427
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 546 * 10.01 / 2 * 25	$34,159
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$102,427 + $34,159 + $0	$136,586

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-604-020

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
W CO LINE TO CSAH 9	Termini	W CO LINE TO CSAH 9
70	Present AADT	70
2015	Year of Count	2015
1	Projection Factor	1
70	Projected Traffic	70
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
1969	Latest Year SA funds	1969
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2004 - BRIDGE 22518 NEEDS RESTORED	Comments	2004 - BRIDGE 22518 NEEDS RESTORED
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22518	Structure Number	22518
2.91	Milepoint	2.91
1969	Year Built	1969
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
40	Bridge Length	40
33.1	Bridge Width	33.1
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
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5 * 446955.95 / 60 * 25 * 1.1	$1,024,274
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5 * 546 * 10.01 / 2 * 25	$341,591
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5 * 0 / 60 * 25	$0
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	40 * 33.1 * 163 / 80 * 25 * 1.15	$77,557
Total Segment Cost	Construction + Preservation + ROW + Bridge	$1,024,274 + $341,591 + $0 + $77,557	$1,443,422

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-604-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.4	Segment Length	3.4
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 9 TO TH 169	Termini	CSAH 9 TO TH 169
70	Present AADT	70
2015	Year of Count	2015
1	Projection Factor	1
70	Projected Traffic	70
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
22553	Structure Number	22553
7.83	Milepoint	7.83
1983	Year Built	1983
BLUE EARTH RIVER	Feature Crossed	BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
224	Bridge Length	224
35.3	Bridge Width	35.3
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.4 * 446955.95 / 60 * 25 * 1.1	$696,506
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.4 * 546 * 10.01 / 2 * 25	$232,282
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.4 * 0 / 60 * 25	$0
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	224 * 35.3 * 147 / 80 * 25 * 1.15	$417,723
Total Segment Cost	Construction + Preservation + ROW + Bridge	$696,506 + $232,282 + $0 + $417,723	$1,346,511

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : FARIBAULT

Segment Nbr : 022-604-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4	Segment Length	4
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 169 TO CSAH 13	Termini	TH 169 TO CSAH 13
490	Present AADT	490
2015	Year of Count	2015
1	Projection Factor	1
490	Projected Traffic	490
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2017	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2017 SAP 022-604-014 Culvert Replaces BR 2004 - BRIDGE 22519 NEEDS REINSTATED 2013 - BRIDGE 22519 SHOULD BE IN THIS SEGMENT. IT IS SHOWN IN 22-604-050	Comments	2018: 022-604-015 FDR and 4" SP 12.5 (2;C) 2017 SAP 022-604-014 Culvert Replaces BR 2004 - BRIDGE 22519 NEEDS REINSTATED 2013 - BRIDGE 22519 SHOULD BE IN THIS SEGMENT. IT IS SHOWN IN 22-604-050
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22616	Structure Number	22616
10.16	Milepoint	10.16
2013	Year Built	2013
COON CREEK	Feature Crossed	COON CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
75	Bridge Length	75
39.33	Bridge Width	39.33
100%	Shared Structure	100%
NEW BRIDGE BUILT 2013 SP 022-604-013	Comments	NEW BRIDGE BUILT 2013 SP 022-604-013
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information

Status: Original

Original		Current
22J45	Structure Number	22J45
13.55	Milepoint	13.55
2017	Year Built	2017
	Feature Crossed	
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
14	Culvert Width	14
10	Culvert Height	10
70	Culvert Length	70
280	Area of Waterway Opening	280
100%	Shared Structure	100%
2017 SAP 022-604-014 Culvert Replaces BR	Comments	2017 SAP 022-604-014 Culvert Replaces BR
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4 * 893911.9 / 60 * 25 * 1.1	$1,638,838
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 2112 * 56.87 / 20 * 25	$600,547
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 88125.9 / 60 * 25	$146,877
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	75 * 39.33 * 163 / 80 * 25 * 1.15	$172,791
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	70 * 280 * 16.61 / 100 * 25 * 1.15	$93,597
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Culvert	$0 + $1,638,838 + $600,547 + $146,877 + $172,791 + $93,597	$2,652,650

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : FARIBAULT

Segment Nbr : 022-604-050

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 13 TO W LIM FROST	Termini	CSAH 13 TO W LIM FROST
445	Present AADT	445
2015	Year of Count	2015
1	Projection Factor	1
445	Projected Traffic	445
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1985	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	2018: 022-604-015 FDR and 4" SP 12.5 (2;C)
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
195396U	USDOT Number	195396U
3.4	Located at Milepoint	3.4
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
100	Crossing Length	100
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.9 * 893911.9 / 60 * 25 * 1.1	$1,597,868
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.9 * 2112 * 56.87 / 20 * 25	$585,534
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.9 * 88125.9 / 60 * 25	$143,205
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	100 * 1350 / 25 * 25	$135,000
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $1,597,868 + $585,534 + $143,205 + $1,500 + $135,000	$2,463,107

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : FARIBAULT

Segment Nbr : 022-604-060

Original		Current
FROST	Municipality	FROST
0.13	Segment Length	0.13
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W LIM FROST TO TH 254	Termini	W LIM FROST TO TH 254
445	Present AADT	445
2015	Year of Count	2015
1	Projection Factor	1
445	Projected Traffic	445
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1985	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - CHANGED FROM RURAL TO URBAN DESIGN WITH COMPLETE STORM SEWER AND CURB & GUTTER ALSO CHANGED COST/MILE IN GRADING SECTION - SEE SUBMITTED WORKSHEET	Comments	2018: 022-604-015 FDR and 4" SP 12.5 (2;C) 2003 - CHANGED FROM RURAL TO URBAN DESIGN WITH COMPLETE STORM SEWER AND CURB & GUTTER ALSO CHANGED COST/MILE IN GRADING SECTION - SEE SUBMITTED WORKSHEET
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.13 * 893911.9 / 60 * 25 * 1.1	$53,262
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.13 * 2112 * 56.87 / 20 * 25	$19,518
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.13 * 88125.9 / 60 * 25	$4,773
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $53,262 + $19,518 + $4,773	$77,553

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : FARIBAULT

Segment Nbr : 022-605-010

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 16 TO 4.0 MI N	Termini	CSAH 16 TO 150TH ST
170	Present AADT	170
2015	Year of Count	2015
1	Projection Factor	1
170	Projected Traffic	170
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1993	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	2018: 022-605-007 Microsurfacing
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
93966	Structure Number	93966
0.9	Milepoint	0.9
1987	Year Built	1987
CO DITCH # 60	Feature Crossed	CO DITCH # 60
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
7	Culvert Height	7
86	Culvert Length	86
52.0004009	Area of Waterway Opening	52.0004009
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
195472K	USDOT Number	195472K
0.3	Located at Milepoint	0.3
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
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 * 56250 / 40 * 25	$0

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**4 * 893911.9 / 60 * 25 * 1.1**	**$1,638,838**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**4 * 2112 * 56.87 / 20 * 25**	**$600,547**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**4 * 88125.9 / 60 * 25**	**$146,877**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**86 * 52.0004009 * 16.61 / 100 * 25 * 1.15**	**$21,356**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**40 * 1350 / 25 * 25**	**$54,000**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert + RR Crossing Protection + RR Crossing Surface**	**$0 + $1,638,838 + $600,547 + $146,877 + $21,356 + $1,500 + $54,000**	**$2,463,118**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-605-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.5	Segment Length	1.5
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
4.0 MI NO TO 5.50 MI N OF CSAH 16	Termini	4.0 MI NO TO 5.50 MI N OF CSAH 16
95	Present AADT	95
2015	Year of Count	2015
1	Projection Factor	1
95	Projected Traffic	95
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
2007 - REINSTATED NEEDS TO BRIDGE 22526	Comments	2007 - REINSTATED NEEDS TO BRIDGE 22526
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22526	Structure Number	22526
4.44	Milepoint	4.44
1973	Year Built	1973
SOUTH CREEK	Feature Crossed	SOUTH CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
78	Bridge Length	78
34	Bridge Width	34
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 446955.95 / 60 * 25 * 1.1	$307,282
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 546 * 10.01 / 2 * 25	$102,477
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 0 / 60 * 25	$0
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	78 * 34 * 163 / 80 * 25 * 1.15	$155,349
Total Segment Cost	Construction + Preservation + ROW + Bridge	$307,282 + $102,477 + $0 + $155,349	$565,108

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-605-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.9	Segment Length	1.9
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
5.5 MI NO OF TH 16 TO TH 169	Termini	5.5 MI NO OF TH 16 TO TH 169
95	Present AADT	95
2015	Year of Count	2015
1	Projection Factor	1
95	Projected Traffic	95
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
22540	Structure Number	22540
7.02	Milepoint	7.02
1978	Year Built	1978
BLUE EARTH RIVER	Feature Crossed	BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
285	Bridge Length	285
35.3	Bridge Width	35.3
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.9 * 446955.95 / 60 * 25 * 1.1	$389,224
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.9 * 546 * 10.01 / 2 * 25	$129,805
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.9 * 0 / 60 * 25	$0
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	285 * 35.3 * 147 / 80 * 25 * 1.15	$531,477
Total Segment Cost	Construction + Preservation + ROW + Bridge	$389,224 + $129,805 + $0 + $531,477	$1,050,506

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 1 TO 1.0 MI E	Termini	CSAH 1 TO 1.0 MI E
60	Present AADT	60
2015	Year of Count	2015
1	Projection Factor	1
60	Projected Traffic	60
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
1982	Latest Year SA funds	1982
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2007 - REMAINING NEEDS REINSTATED	Comments	2007 - REMAINING NEEDS REINSTATED
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 446955.95 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 546 * 10.01 / 2 * 25	$68,318
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$204,855 + $68,318 + $0	$273,173

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-011

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
1.0 MI E OF CSAH 1 TO 3.0 MI E	Termini	1.0 MI E OF CSAH 1 TO 3.0 MI E
60	Present AADT	60
2015	Year of Count	2015
1	Projection Factor	1
60	Projected Traffic	60
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 * 446955.95 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 546 * 10.01 / 2 * 25	$136,637
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$409,710 + $136,637 + $0	$546,347

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.5	Segment Length	1.5
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
3.00 M E CSAH 1 TO CSAH 9	Termini	3.00 M E CSAH 1 TO CSAH 9
60	Present AADT	60
2015	Year of Count	2015
1	Projection Factor	1
60	Projected Traffic	60
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 022-606-018 BRIDGE #22615	Comments	2014 SAP 022-606-018 BRIDGE #22615
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22615	Structure Number	22615
4.17	Milepoint	4.17
2014	Year Built	2014
BADGER CREEK	Feature Crossed	BADGER CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
85.25	Bridge Length	85.25
35.33	Bridge Width	35.33
100%	Shared Structure	100%
2014 SAP 022-606-018 BRIDGE #22615	Comments	2014 SAP 022-606-018 BRIDGE #22615
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 446955.95 / 60 * 25 * 1.1	$307,282
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 546 * 10.01 / 2 * 25	$102,477
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 0 / 60 * 25	$0
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	85.25 * 35.33 * 163 / 80 * 25 * 1.15	$176,430
Total Segment Cost	Construction + Preservation + ROW + Bridge	$307,282 + $102,477 + $0 + $176,430	$586,189

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.5	Segment Length	1.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 9 TO 1.5 MI NE	Termini	CSAH 9 TO 1.5 MI NE
510	Present AADT	510
2015	Year of Count	2015
1	Projection Factor	1
510	Projected Traffic	510
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 893911.9 / 60 * 25 * 1.1	$614,564
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 56.87 / 20 * 25	$225,205
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 88125.9 / 60 * 25	$55,079
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $614,564 + $225,205 + $55,079	$894,848

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-040

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
1.5 MI NE OF CSAH 9 TO W LIM BLUE EARTH	Termini	1.5 MI NE OF CSAH 9 TO W LIM BLUE EARTH
510	Present AADT	510
2015	Year of Count	2015
1	Projection Factor	1
510	Projected Traffic	510
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.8 * 893911.9 / 60 * 25 * 1.1	$327,768
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.8 * 2112 * 56.87 / 20 * 25	$120,109
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.8 * 88125.9 / 60 * 25	$29,375
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $327,768 + $120,109 + $29,375	$477,252

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-041

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
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
W LIM TO E LIM BLUE EARTH	Termini	W LIM TO E LIM BLUE EARTH
820	Present AADT	820
2015	Year of Count	2015
1	Projection Factor	1
820	Projected Traffic	820
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1986	Latest Year SA funds	1986
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.12 * 893911.9 / 60 * 25 * 1.1	$49,165
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.12 * 2112 * 56.87 / 20 * 25	$18,016
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.12 * 88125.9 / 60 * 25	$4,406
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $49,165 + $18,016 + $4,406	$71,587

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-050

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
E LIM TO W LIM BLUE EARTH (OUTSIDE)	Termini	E LIM TO W LIM BLUE EARTH (OUTSIDE)
820	Present AADT	820
2015	Year of Count	2015
1	Projection Factor	1
820	Projected Traffic	820
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1986	Latest Year SA funds	1986
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 3824526.1 / 60 * 25 * 1.15	$183,259
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2904 * 56.87 / 15 * 25	$27,525
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 27899.86 / 60 * 25	$1,162
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $183,259 + $27,525 + $1,162	$211,946

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-051

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.57	Segment Length	0.57
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W LIM BLUE EARTH TO W BR BLUE EARTH RIVER	Termini	W LIM BLUE EARTH TO W BR BLUE EARTH RIVER
820	Present AADT	820
2015	Year of Count	2015
1	Projection Factor	1
820	Projected Traffic	820
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1986	Latest Year SA funds	1986
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22610	Structure Number	22610
7.29	Milepoint	7.29
2010	Year Built	2010
W BR BLUE EARTH RIVER	Feature Crossed	W BR BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
190	Bridge Length	190
50	Bridge Width	50
100%	Shared Structure	100%
BUILT UNDER SP 22-606-16	Comments	BUILT UNDER SP 22-606-16
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.57 * 893911.9 / 60 * 25 * 1.1	$233,534
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.57 * 2112 * 56.87 / 20 * 25	$85,578
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.57 * 88125.9 / 60 * 25	$20,930
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	190 * 50 * 147 / 80 * 25 * 1.15	$501,867
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $233,534 + $85,578 + $20,930 + $501,867	$841,909

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-060

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.11	Segment Length	0.11
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W BR BLUE EARTH RIVER TO 14TH ST	Termini	W BR BLUE EARTH RIVER TO 14TH ST
820	Present AADT	820
2015	Year of Count	2015
1	Projection Factor	1
820	Projected Traffic	820
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1990	Latest Year SA funds	1990
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2010 - REPLACED OLD BRIDGE 7161 WITH NEW BRIDGE 22610	Comments	2010 - REPLACED OLD BRIDGE 7161 WITH NEW BRIDGE 22610
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.11 * 3824526.1 / 60 * 25 * 1.15	$201,584
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.11 * 2904 * 56.87 / 15 * 25	$30,278
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.11 * 27899.86 / 60 * 25	$1,279
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $201,584 + $30,278 + $1,279	$233,141

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-070

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
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
E 14TH ST TO 9TH ST	Termini	E 14TH ST TO 9TH ST
2850	Present AADT	2850
2015	Year of Count	2015
1	Projection Factor	1
2850	Projected Traffic	2850
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 3824526.1 / 60 * 25 * 1.15	$733,034
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2904 * 56.87 / 15 * 25	$110,100
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 27899.86 / 60 * 25	$4,650
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $733,034 + $110,100 + $4,650	$847,784

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-080

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.07	Segment Length	0.07
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
9TH ST TO 8TH ST	Termini	9TH ST TO 8TH ST
2850	Present AADT	2850
2015	Year of Count	2015
1	Projection Factor	1
2850	Projected Traffic	2850
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.07 * 3824526.1 / 60 * 25 * 1.15	$128,281
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.07 * 2904 * 56.87 / 15 * 25	$19,268
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.07 * 27899.86 / 60 * 25	$814
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $128,281 + $19,268 + $814	$148,363

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-081

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.08	Segment Length	0.08
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
8th STREET TO 7th STREET	Termini	8th STREET TO 7th STREET
2850	Present AADT	2850
2015	Year of Count	2015
1	Projection Factor	1
2850	Projected Traffic	2850
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.08 * 3824526.1 / 60 * 25 * 1.15	$146,607
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.08 * 2904 * 56.87 / 15 * 25	$22,020
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.08 * 27899.86 / 60 * 25	$930
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $146,607 + $22,020 + $930	$169,557

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-085

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.14	Segment Length	0.14
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
7TH STREET TO 5TH STREET	Termini	7TH STREET TO 5TH STREET
3050	Present AADT	3050
2015	Year of Count	2015
1	Projection Factor	1
3050	Projected Traffic	3050
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2016	Latest Year SA funds	2016
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2016 SAP 022-606-020 RECONST	Comments	2016 SAP 022-606-020 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 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.14 * 3824526.1 / 60 * 25 * 1.15	$256,562
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.14 * 2904 * 56.87 / 15 * 25	$38,535
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.14 * 27899.86 / 60 * 25	$1,627
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $256,562 + $38,535 + $1,627	$296,724

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-090

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.06	Segment Length	0.06
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
5TH ST TO 4TH ST	Termini	5TH ST TO 4TH ST
3150	Present AADT	3150
2015	Year of Count	2015
1	Projection Factor	1
3150	Projected Traffic	3150
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.06 * 3824526.1 / 60 * 25 * 1.15	$109,955
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.06 * 2904 * 56.87 / 15 * 25	$16,515
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.06 * 27899.86 / 60 * 25	$697
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $109,955 + $16,515 + $697	$127,167

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-100

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.24	Segment Length	0.24
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
4TH ST TO 1ST ST	Termini	4TH ST TO 1ST ST
3150	Present AADT	3150
2015	Year of Count	2015
1	Projection Factor	1
3150	Projected Traffic	3150
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.24 * 3824526.1 / 60 * 25 * 1.15	$439,821
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.24 * 2904 * 56.87 / 15 * 25	$66,060
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.24 * 27899.86 / 60 * 25	$2,790
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $439,821 + $66,060 + $2,790	$508,671

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-101

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.14	Segment Length	0.14
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1ST ST TO CSAH 16	Termini	1ST ST TO CSAH 16
2600	Present AADT	2600
2015	Year of Count	2015
1	Projection Factor	1
2600	Projected Traffic	2600
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1984	Latest Year SA funds	1984
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2010 - REINSTATED GRADING NEEDS	Comments	2010 - REINSTATED GRADING NEEDS
2013 - BRIDGE 4453 SHOULD BE IN SEGMENT 22-606-110 AND BRIDGE 22600 SHOULD BE IN SEGMENT 22-606-101		2013 - BRIDGE 4453 SHOULD BE IN SEGMENT 22-606-110 AND BRIDGE 22600 SHOULD BE IN SEGMENT 22-606-101
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22600	Structure Number	22600
8.47	Milepoint	8.47
2005	Year Built	2005
CSAH 16	Feature Crossed	CSAH 16
HWY INTERCHANGE	Type of Service	HWY INTERCHANGE
1	Number of Spans	1
92.9	Bridge Length	92.9
72.6	Bridge Width	72.6
100%	Shared Structure	100%
THIS BRIDGE WAS INCORRECTLY ON SEGMENT 22-606-110	Comments	THIS BRIDGE WAS INCORRECTLY ON SEGMENT 22-606-110
1 (0-149)	Bridge Group Code	1 (0-149)

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
195388C	USDOT Number	195388C
0.11	Located at Milepoint	0.11
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
2002	Last Year Protection Upgraded	2002
68	Crossing Length	68
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.14 * 3824526.1 / 60 * 25 * 1.15	$256,562
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.14 * 2904 * 56.87 / 15 * 25	$38,535
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.14 * 27899.86 / 60 * 25	$1,627
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	92.9 * 72.6 * 163 / 80 * 25 * 1.15	$395,083
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	325000 / 25 * 25	$325,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	68 * 1350 / 25 * 25	$91,800
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + RR Crossing Protection + RR Crossing Surface	$0 + $256,562 + $38,535 + $1,627 + $395,083 + $325,000 + $91,800	$1,108,607

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-110

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 16 TO NO LIM BLUE EARTH	Termini	CSAH 16 TO NO LIM BLUE EARTH
2950	Present AADT	2950
2015	Year of Count	2015
1	Projection Factor	1
2950	Projected Traffic	2950
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2016	Latest Year SA funds	2016
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2016 SP 022-606-017 RECONST W/ BR 22621 REPLACE 4453	Comments	2016 SP 022-606-017 RECONST W/ BR 22621 REPLACE 4453
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22621	Structure Number	22621
8.71	Milepoint	8.71
2016	Year Built	2016
E FK BLUE EARTH RIVER	Feature Crossed	E FK BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
118.6	Bridge Length	118.6
48.5	Bridge Width	48.5
100%	Shared Structure	100%
2016 SP 022-606-017 RECONST W/ BR 22621 REPLACE 4453	Comments	2016 SP 022-606-017 RECONST W/ BR 22621 REPLACE 4453
THIS BRIDGE WAS INCORRECTLY ON SEGMENT 22-606-101		THIS BRIDGE WAS INCORRECTLY ON SEGMENT 22-606-101
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 3824526.1 / 60 * 25 * 1.15	$916,293
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2904 * 56.87 / 15 * 25	$137,625
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 27899.86 / 60 * 25	$5,812

Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**118.6 * 48.5 * 163 / 80 * 25 * 1.15**	**$336,947**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$0 + $916,293 + $137,625 + $5,812 + $336,947**	**$1,396,677**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-120

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
NO LIMS OF BLUE EARTH TO CSAH 8	Termini	NO LIMS OF BLUE EARTH TO CSAH 8
560	Present AADT	560
2015	Year of Count	2015
1	Projection Factor	1
560	Projected Traffic	560
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
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2015 SAP 022-606-019 BIT OVERLAY, RUBBILIZE, CULVERT R&R 22J44	Comments	2015 SAP 022-606-019 BIT OVERLAY, RUBBILIZE, CULVERT R&R 22J44
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
22J44	Structure Number	22J44
10.2	Milepoint	10.2
2015	Year Built	2015
	Feature Crossed	
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
7	Culvert Height	7
132	Culvert Length	132
70	Area of Waterway Opening	70
100%	Shared Structure	100%
2015 SAP 022-606-019 BIT OVERLAY, RUBBILIZE, CULVERT R&R 22J44 - MP ESTIMATE, BAD LAT/LONG IN BR RECORDS	Comments	2015 SAP 022-606-019 BIT OVERLAY, RUBBILIZE, CULVERT R&R 22J44 - MP ESTIMATE, BAD LAT/LONG IN BR RECORDS
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 893911.9 / 60 * 25 * 1.1	$614,564
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 56.87 / 20 * 25	$225,205
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 88125.9 / 60 * 25	$55,079

Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**132 * 70 * 16.61 / 100 * 25 * 1.15**	**$44,124**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $614,564 + $225,205 + $55,079 + $44,124**	**$938,972**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-606-130

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 8 TO TH 169	Termini	CSAH 8 TO TH 169
415	Present AADT	415
2015	Year of Count	2015
1	Projection Factor	1
415	Projected Traffic	415
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
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2015 SAP 022-606-019 BIT OVERLAY, RUBBILIZE, CULVERT R&R 22J44	Comments	2015 SAP 022-606-019 BIT OVERLAY, RUBBILIZE, CULVERT R&R 22J44
THIS SEGMENT WAS REINSTATED FOR NEEDS IN 2003.		THIS SEGMENT WAS REINSTATED FOR NEEDS IN 2003.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $204,855 + $75,068 + $18,360	$298,283

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-607-010

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 12 TO CSAH 14	Termini	CSAH 12 TO CSAH 14
135	Present AADT	135
2015	Year of Count	2015
1.2	Projection Factor	1.2
162	Projected Traffic	162
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1997	Latest Year SA funds	1997
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4 * 893911.9 / 60 * 25 * 1.1	$1,638,838
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 2112 * 56.87 / 20 * 25	$600,547
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 88125.9 / 60 * 25	$146,877
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,638,838 + $600,547 + $146,877	$2,386,262

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-608-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W CO LINE TO CSAH 1	Termini	W CO LINE TO CSAH 1
60	Present AADT	60
2015	Year of Count	2015
1	Projection Factor	1
60	Projected Traffic	60
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	1 * 446955.95 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 546 * 10.01 / 2 * 25	$68,318
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$204,855 + $68,318 + $0	$273,173

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-608-020

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 1 TO CSAH 6	Termini	CSAH 1 TO CSAH 6
265	Present AADT	265
2015	Year of Count	2015
1	Projection Factor	1
265	Projected Traffic	265
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2006	Latest Year SA funds	2006
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
THIS SEGMENT IS ELIGIBLE FOR GRADING NEEDS IN 2002.	Comments	THIS SEGMENT IS ELIGIBLE FOR GRADING NEEDS IN 2002.
2006 - PLACED 2.5" OVERLAY - SPECIAL RESURFACING ADJUSTMENT PLACED NEW BRIDGE 22J27 10' X 6' BOX CULVERT UNDER SAP 022-608-007 ADDED NEEDS TO BRIDGE 22822 2014- ADDED STRUCTURE R0664 AND 22J27		2006 - PLACED 2.5" OVERLAY - SPECIAL RESURFACING ADJUSTMENT PLACED NEW BRIDGE 22J27 10' X 6' BOX CULVERT UNDER SAP 022-608-007 ADDED NEEDS TO BRIDGE 22822 2014- ADDED STRUCTURE R0664 AND 22J27
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22822	Structure Number	22822
7.45	Milepoint	7.45
1971	Year Built	1971
BLUE EARTH RIVER	Feature Crossed	BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
219.6	Bridge Length	219.6
39.5	Bridge Width	39.5
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Culvert Information

Status: Original

Original		Current
R0664	Structure Number	R0664
7.67	Milepoint	7.67
1973	Year Built	1973
unnamed stream	Feature Crossed	unnamed stream
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Barrels	3
6.5	Culvert Width	6.5
6.5	Culvert Height	6.5
120	Culvert Length	120
80.7	Area of Waterway Opening	80.7
100%	Shared Structure	100%
THERE ARE 2 LINES OF 5.5' DIA RCP CULVERT AND 1 LINE OF 6.5' DIA RCP AT THIS LOCATION.	Comments	THERE ARE 2 LINES OF 5.5' DIA RCP CULVERT AND 1 LINE OF 6.5' DIA RCP AT THIS LOCATION.

1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
22J27	Structure Number	22J27
7.3	Milepoint	7.3
2006	Year Built	2006
unnamed stream	Feature Crossed	unnamed stream
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
6	Culvert Height	6
92	Culvert Length	92
60	Area of Waterway Opening	60
100%	Shared Structure	100%
22J 27 IS A 10X6 BOX CULVERT INSTALLED IN 2006 UNDER SAP 022-608-007	Comments	22J 27 IS A 10X6 BOX CULVERT INSTALLED IN 2006 UNDER SAP 022-608-007
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	6 * 893911.9 / 60 * 25 * 1.1	$2,458,258
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	6 * 2112 * 56.87 / 20 * 25	$900,821
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	6 * 88125.9 / 60 * 25	$220,315
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	219.6 * 39.5 * 147 / 80 * 25 * 1.15	$458,242
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	120 * 80.7 * 16.61 / 100 * 25 * 1.15	$46,245
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	92 * 60 * 16.61 / 100 * 25 * 1.15	$26,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Culvert + Culvert	$0 + $2,458,258 + $900,821 + $220,315 + $458,242 + $46,245 + $26,360	$4,110,241

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-609-010

Original		Current
ELMORE	Municipality	ELMORE
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 169 TO W LIMS ELMORE	Termini	TH 169 TO W LIMS ELMORE
335	Present AADT	335
2015	Year of Count	2015
1	Projection Factor	1
335	Projected Traffic	335
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
2003 - CHANGED FROM RURAL TO URBAN SECTION. ADDED COMPLETE STORM SEWER AND CURB & GUTTER NEEDS ALSO CHANGED GRADING COST - SEE SUBMITTED WORKSHEET	Comments	2003 - CHANGED FROM RURAL TO URBAN SECTION. ADDED COMPLETE STORM SEWER AND CURB & GUTTER NEEDS ALSO CHANGED GRADING COST - SEE SUBMITTED WORKSHEET
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $204,855 + $75,068 + $18,360	$298,283

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-609-011

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W LIM ELMORE TO 1.0 MI W	Termini	W LIM ELMORE TO 1.0 MI W
335	Present AADT	335
2015	Year of Count	2015
1	Projection Factor	1
335	Projected Traffic	335
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
2004 - CHANGED LENGTH ON BRIDGE 9995 REPLACEMENT	Comments	2004 - CHANGED LENGTH ON BRIDGE 9995 REPLACEMENT
2010 - REPLACED BRIDGE 9995 WITH NEW BRIDGE 22602		2010 - REPLACED BRIDGE 9995 WITH NEW BRIDGE 22602
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22602	Structure Number	22602
1	Milepoint	1
2010	Year Built	2010
BLUE EARTH RIVER	Feature Crossed	BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
68.5	Bridge Length	68.5
35.33	Bridge Width	35.33
100%	Shared Structure	100%
NEW BRIDGE SAP 022-609-08 IN 2010	Comments	NEW BRIDGE SAP 022-609-08 IN 2010
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 893911.9 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 56.87 / 20 * 25	$150,137
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 88125.9 / 60 * 25	$36,719
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	68.5 * 35.33 * 163 / 80 * 25 * 1.15	$141,765

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$0 + $409,710 + $150,137 + $36,719 + $141,765**	**$738,331**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-609-012

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
1.0 MI W OF W LIMS ELMORE TO 1.0 MI S CSAH 2	Termini	1.0 MI W OF W LIMS ELMORE TO 1.0 MI S CSAH 2
335	Present AADT	335
2015	Year of Count	2015
1	Projection Factor	1
335	Projected Traffic	335
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
2010 - ADDED NEEDS TO BRIDGE 22534	Comments	2010 - ADDED NEEDS TO BRIDGE 22534
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22534	Structure Number	22534
2.85	Milepoint	2.85
1975	Year Built	1975
W BR BLUE EARTH RIVER	Feature Crossed	W BR BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
78	Bridge Length	78
30	Bridge Width	30
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 893911.9 / 60 * 25 * 1.1	$819,419
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 56.87 / 20 * 25	$300,274
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 88125.9 / 60 * 25	$73,438
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	78 * 30 * 163 / 80 * 25 * 1.15	$137,073
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $819,419 + $300,274 + $73,438 + $137,073	$1,330,204

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-609-013

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.0 MI S TO CSAH 2	Termini	1.0 MI S TO CSAH 2
60	Present AADT	60
2015	Year of Count	2015
1	Projection Factor	1
60	Projected Traffic	60
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	1 * 446955.95 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 546 * 10.01 / 2 * 25	$68,318
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$204,855 + $68,318 + $0	$273,173

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-609-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3	Segment Length	3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 2 TO CSAH 4	Termini	CSAH 2 TO CSAH 4
145	Present AADT	145
2015	Year of Count	2015
1.1	Projection Factor	1.1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1977	Latest Year SA funds	1977
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22503	Structure Number	22503
4.92	Milepoint	4.92
1964	Year Built	1964
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
66	Bridge Length	66
27.8	Bridge Width	27.8
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 893911.9 / 60 * 25 * 1.1	$1,229,129
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 56.87 / 20 * 25	$450,410
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 88125.9 / 60 * 25	$110,157
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	66 * 27.8 * 163 / 80 * 25 * 1.15	$107,479
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $1,229,129 + $450,410 + $110,157 + $107,479	$1,897,175

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-609-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.2	Segment Length	3.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 4 TO CSAH 6	Termini	CSAH 4 TO CSAH 6
320	Present AADT	320
2015	Year of Count	2015
1	Projection Factor	1
320	Projected Traffic	320
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1977	Latest Year SA funds	1977
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.2 * 893911.9 / 60 * 25 * 1.1	$1,311,071
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.2 * 2112 * 56.87 / 20 * 25	$480,438
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.2 * 88125.9 / 60 * 25	$117,501
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,311,071 + $480,438 + $117,501	$1,909,010

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : FARIBAULT

Segment Nbr : 022-610-010

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
W CO LINE TO 3.3 MI E	Termini	W CO LINE TO 340TH AVE
670	Present AADT	670
2015	Year of Count	2015
1	Projection Factor	1
670	Projected Traffic	670
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2002	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2" OVERLAY PLACED BY SMC IN 2002 USING STATE AID FUNDS SAP 22-610-07 2008 - ADDED SIGNALS AND GATES AT RAILROAD CROSSING 2010 - REINSTATED GRADING NEEDS	Comments	2018: 022-610-008 Microsurfacing 2" OVERLAY PLACED BY SMC IN 2002 USING STATE AID FUNDS SAP 22-610-07 2008 - ADDED SIGNALS AND GATES AT RAILROAD CROSSING 2010 - REINSTATED GRADING NEEDS
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
380842U	USDOT Number	380842U
0.5	Located at Milepoint	0.5
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
2008	Last Year Protection Upgraded	2008
108	Crossing Length	108
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
2008 - ADDED SIGNALS AND GATES	Comments	2008 - ADDED SIGNALS AND GATES

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.3 * 893911.9 / 60 * 25 * 1.1	$1,352,042
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.3 * 2112 * 56.87 / 20 * 25	$495,451

ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**3.3 * 88125.9 / 60 * 25**	**$121,173**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**325000 / 25 * 25**	**$325,000**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**108 * 1350 / 25 * 25**	**$145,800**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $1,352,042 + $495,451 + $121,173 + $325,000 + $145,800**	**$2,439,466**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : FARIBAULT

Segment Nbr : 022-610-020

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
3.3 MI E W CO LINE TO 3.9 MI E	Termini	340TH AVE TO 180TH ST
670	Present AADT	670
2015	Year of Count	2015
1	Projection Factor	1
670	Projected Traffic	670
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2002	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2" OVERLAY BY SMC IN 2002 USING STATE AID FUNDS SAP 22-610-07 2006 - REINSTATED GRADING NEEDS	Comments	2018: 022-610-008 2" OVERLAY BY SMC IN 2002 USING STATE AID FUNDS SAP 22-610-07 2006 - REINSTATED GRADING NEEDS
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22554	Structure Number	22554
3.47	Milepoint	3.47
1981	Year Built	1981
BLUE EARTH RIVER	Feature Crossed	BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
311.8	Bridge Length	311.8
39.3	Bridge Width	39.3
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.6 * 893911.9 / 60 * 25 * 1.1	$245,826
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.6 * 2112 * 56.87 / 20 * 25	$90,082
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.6 * 88125.9 / 60 * 25	$22,031
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	311.8 * 39.3 * 147 / 80 * 25 * 1.15	$647,342

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$0 + $245,826 + $90,082 + $22,031 + $647,342**	**$1,005,281**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : FARIBAULT

Segment Nbr : 022-610-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.1	Segment Length	1.1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
3.9 MI E OF W CO LINE TO TH 169	Termini	180TH ST TO TH 169
670	Present AADT	670
2015	Year of Count	2015
1	Projection Factor	1
670	Projected Traffic	670
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2002	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2" OVERLAY BY SMC IN 2002 USING STATE AID FUNDS SAP 22-610-07 2010 - REINSTATED GRADING NEEDS	Comments	2018: 022-610-008 2" OVERLAY BY SMC IN 2002 USING STATE AID FUNDS SAP 22-610-07 2010 - REINSTATED GRADING NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.1 * 893911.9 / 60 * 25 * 1.1	$450,681
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.1 * 2112 * 56.87 / 20 * 25	$165,150
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.1 * 88125.9 / 60 * 25	$40,391
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $450,681 + $165,150 + $40,391	$656,222

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-611-010

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
CSAH 16 TO 4.5 MI N	Termini	CSAH 16 TO 4.5 MI N
640	Present AADT	640
2015	Year of Count	2015
1	Projection Factor	1
640	Projected Traffic	640
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2001	Latest Year SA funds	2001
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
GRADING DONE BY BRUNZ CONSTRUCTION IN 2000 FULL DEPTH BITUMINOUS PLACED BY SMC IN 2001	Comments	GRADING DONE BY BRUNZ CONSTRUCTION IN 2000 FULL DEPTH BITUMINOUS PLACED BY SMC IN 2001
2004 - COMBINED WITH SEGMENT 611-15		2004 - COMBINED WITH SEGMENT 611-15
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.5 * 893911.9 / 60 * 25 * 1.1	$1,843,693
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.5 * 2112 * 56.87 / 20 * 25	$675,616
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.5 * 88125.9 / 60 * 25	$165,236
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,843,693 + $675,616 + $165,236	$2,684,545

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-611-020

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
4.5 MI N TO TH 109	Termini	4.5 MI N TO TH 109
640	Present AADT	640
2015	Year of Count	2015
1	Projection Factor	1
640	Projected Traffic	640
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
THIS SEGMENT WAS GRADED IN 2001. FULL DEPTH BITUMINOUS PLACED BY SMC IN 2002. 2004 - COMBINED WITH SEGMENT 611-30	Comments	THIS SEGMENT WAS GRADED IN 2001. FULL DEPTH BITUMINOUS PLACED BY SMC IN 2002. 2004 - COMBINED WITH SEGMENT 611-30
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.5 * 893911.9 / 60 * 25 * 1.1	$1,843,693
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.5 * 2112 * 56.87 / 20 * 25	$675,616
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.5 * 88125.9 / 60 * 25	$165,236
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,843,693 + $675,616 + $165,236	$2,684,545

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-612-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W CO LINE TO CSAH 7	Termini	W CO LINE TO CSAH 7
500	Present AADT	500
2015	Year of Count	2015
1	Projection Factor	1
500	Projected Traffic	500
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1973	Latest Year SA funds	1973
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 893911.9 / 60 * 25 * 1.1	$819,419
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 56.87 / 20 * 25	$300,274
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 88125.9 / 60 * 25	$73,438
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $819,419 + $300,274 + $73,438	$1,193,131

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-612-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 7 TO 0.5 MI E	Termini	CSAH 7 TO 0.5 MI E
640	Present AADT	640
2015	Year of Count	2015
1	Projection Factor	1
640	Projected Traffic	640
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1973	Latest Year SA funds	1973
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $204,855 + $75,068 + $18,360	$298,283

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-612-021

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
0.5 MI E CSAH 7 TO W LIM WINNEBAGO	Termini	0.5 MI E CSAH 7 TO W LIM WINNEBAGO
640	Present AADT	640
2015	Year of Count	2015
1	Projection Factor	1
640	Projected Traffic	640
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1986	Latest Year SA funds	1986
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - COMBINED WITH SEGMENT 22-612-022	Comments	2005 - COMBINED WITH SEGMENT 22-612-022
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22579	Structure Number	22579
2.78	Milepoint	2.78
1987	Year Built	1987
BLUE EARTH RIVER	Feature Crossed	BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
246.5	Bridge Length	246.5
43.3	Bridge Width	43.3
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.7 * 893911.9 / 60 * 25 * 1.1	$286,797
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.7 * 2112 * 56.87 / 20 * 25	$105,096
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.7 * 88125.9 / 60 * 25	$25,703
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	246.5 * 43.3 * 147 / 80 * 25 * 1.15	$563,858
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $286,797 + $105,096 + $25,703 + $563,858	$981,454

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-612-030

Original		Current
WINNEBAGO	Municipality	WINNEBAGO
0.26	Segment Length	0.26
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W LIM WINNEBAGO TO NW 8TH ST	Termini	W LIM WINNEBAGO TO NW 8TH ST
640	Present AADT	640
2015	Year of Count	2015
1	Projection Factor	1
640	Projected Traffic	640
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1986	Latest Year SA funds	1986
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.26 * 893911.9 / 60 * 25 * 1.1	$106,525
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.26 * 2112 * 56.87 / 20 * 25	$39,036
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.26 * 88125.9 / 60 * 25	$9,547
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $106,525 + $39,036 + $9,547	$155,108

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-612-031

Original		Current
WINNEBAGO	Municipality	WINNEBAGO
0.24	Segment Length	0.24
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
NW 8TH ST TO NW 6TH ST	Termini	NW 8TH ST TO NW 6TH ST
640	Present AADT	640
2015	Year of Count	2015
1	Projection Factor	1
640	Projected Traffic	640
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1993	Latest Year SA funds	1993
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.24 * 3824526.1 / 60 * 25 * 1.15	$439,821
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.24 * 2904 * 56.87 / 15 * 25	$66,060
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.24 * 27899.86 / 60 * 25	$2,790
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $439,821 + $66,060 + $2,790	$508,671

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-612-040

Original		Current
WINNEBAGO	Municipality	WINNEBAGO
0.62	Segment Length	0.62
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
NW 6TH ST TO TH 169	Termini	NW 6TH ST TO TH 169
1100	Present AADT	1100
2015	Year of Count	2015
1	Projection Factor	1
1100	Projected Traffic	1100
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1993	Latest Year SA funds	1993
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2004 - COMBINED WITH SEGMENT 612-41	Comments	2004 - COMBINED WITH SEGMENT 612-41
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.62 * 3824526.1 / 60 * 25 * 1.15	$1,136,203
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.62 * 2904 * 56.87 / 15 * 25	$170,655
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.62 * 27899.86 / 60 * 25	$7,207
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,136,203 + $170,655 + $7,207	$1,314,065

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-613-020

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 2 TO CSAH 4	Termini	CSAH 2 TO CSAH 4
90	Present AADT	90
2015	Year of Count	2015
1.7	Projection Factor	1.7
153	Projected Traffic	153
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1983	Latest Year SA funds	1983
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
DSAE APPROVED TRAFFIC FACTOR CHANGE TO ALLOW FOR BASE AND BITUMINOUS SURFACING	Comments	DSAE APPROVED TRAFFIC FACTOR CHANGE TO ALLOW FOR BASE AND BITUMINOUS SURFACING
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22508	Structure Number	22508
2.7	Milepoint	2.7
1968	Year Built	1968
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
36	Bridge Length	36
33.3	Bridge Width	33.3
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Bridge Information

Status: Original

Original		Current
22509	Structure Number	22509
1.46	Milepoint	1.46
1968	Year Built	1968
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
54.1	Bridge Length	54.1
33.3	Bridge Width	33.3
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Bridge Information

Status: Original

Original		Current
22510	Structure Number	22510
0.73	Milepoint	0.73
1968	Year Built	1968
JUD DITCH # 13	Feature Crossed	JUD DITCH # 13

STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
50.5	Bridge Length	50.5
31	Bridge Width	31
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 893911.9 / 60 * 25 * 1.1	$1,229,129
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 56.87 / 20 * 25	$450,410
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 88125.9 / 60 * 25	$110,157
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	36 * 33.3 * 163 / 80 * 25 * 1.15	$70,223
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	54.1 * 33.3 * 163 / 80 * 25 * 1.15	$105,530
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	50.5 * 31 * 163 / 80 * 25 * 1.15	$91,704
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Bridge + Bridge	$0 + $1,229,129 + $450,410 + $110,157 + $70,223 + $105,530 + $91,704	$2,057,153

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-613-030

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 4 TO CSAH 16	Termini	CSAH 4 TO CSAH 16
340	Present AADT	340
2015	Year of Count	2015
1	Projection Factor	1
340	Projected Traffic	340
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2014	Latest Year SA funds	2014
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 SAP 022-613-022 PH2 2013 SAP 022-613-021 PH1 RECONST NEW BRIDGE 22598 BUILT IN 2003 BY MINNOWA CONSTRUCTION. PHASE 1 - REGRADED IN 2013 UNDER SAP 022-613-021	Comments	2014 SAP 022-613-022 PH2 2013 SAP 022-613-021 PH1 RECONST NEW BRIDGE 22598 BUILT IN 2003 BY MINNOWA CONSTRUCTION. PHASE 1 - REGRADED IN 2013 UNDER SAP 022-613-021
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22598	Structure Number	22598
6.48	Milepoint	6.48
2003	Year Built	2003
E FK BLUE EARTH RIVER	Feature Crossed	E FK BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
125.7	Bridge Length	125.7
43.3	Bridge Width	43.3
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
195412B	USDOT Number	195412B
1.4	Located at Milepoint	1.4
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
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 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4 * 893911.9 / 60 * 25 * 1.1	$1,638,838
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 2112 * 56.87 / 20 * 25	$600,547
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 88125.9 / 60 * 25	$146,877
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	125.7 * 43.3 * 163 / 80 * 25 * 1.15	$318,830
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	40 * 1350 / 25 * 25	$54,000
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + RR Crossing Protection + RR Crossing Surface	$0 + $1,638,838 + $600,547 + $146,877 + $318,830 + $1,500 + $54,000	$2,760,592

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-613-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.8	Segment Length	3.8
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 16 TO 3.8 MI NO	Termini	CSAH 16 TO 3.8 MI NO
245	Present AADT	245
2015	Year of Count	2015
1	Projection Factor	1
245	Projected Traffic	245
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.8 * 893911.9 / 60 * 25 * 1.1	$1,556,897
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.8 * 2112 * 56.87 / 20 * 25	$570,520
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.8 * 88125.9 / 60 * 25	$139,533
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,556,897 + $570,520 + $139,533	$2,266,950

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-613-050

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
3.8 MI NO CSAH 16 TO SO LIM DELAVAN	Termini	3.8 MI NO CSAH 16 TO SO LIM DELAVAN
300	Present AADT	300
2015	Year of Count	2015
1	Projection Factor	1
300	Projected Traffic	300
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1972	Latest Year SA funds	1972
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5 * 893911.9 / 60 * 25 * 1.1	$2,048,548
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5 * 2112 * 56.87 / 20 * 25	$750,684
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5 * 88125.9 / 60 * 25	$183,596
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $2,048,548 + $750,684 + $183,596	$2,982,828

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-613-060

Original		Current
DELAVAN	Municipality	DELAVAN
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S LIM TO N LIM DELAVAN	Termini	S LIM TO N LIM DELAVAN
620	Present AADT	620
2015	Year of Count	2015
1	Projection Factor	1
620	Projected Traffic	620
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1974	Latest Year SA funds	1974
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - 2.5" OVERLAY PAID FOR WITH LOCAL FUNDS	Comments	2005 - 2.5" OVERLAY PAID FOR WITH LOCAL FUNDS
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380813J	USDOT Number	380813J
0.5	Located at Milepoint	0.5
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
2012	Last Year Protection Upgraded	2012
39	Crossing Length	39
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
GATES AND SIGNALS INSTALLED 2012	Comments	GATES AND SIGNALS INSTALLED 2012

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 893911.9 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 56.87 / 20 * 25	$150,137
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 88125.9 / 60 * 25	$36,719
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	325000 / 25 * 25	$325,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	39 * 1350 / 25 * 25	$52,650

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $409,710 + $150,137 + $36,719 + $325,000 + $52,650**	**$974,216**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-613-070

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5.3	Segment Length	5.3
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
NO LIMS OF DELAVAN TO NO CO LINE	Termini	NO LIMS OF DELAVAN TO NO CO LINE
680	Present AADT	680
2015	Year of Count	2015
1	Projection Factor	1
680	Projected Traffic	680
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1974	Latest Year SA funds	1974
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - 2.5" OVERLAY PAID FOR WITH LOCAL FUNDS	Comments	2005 - 2.5" OVERLAY PAID FOR WITH LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5.3 * 893911.9 / 60 * 25 * 1.1	$2,171,461
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5.3 * 2112 * 56.87 / 20 * 25	$795,725
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5.3 * 88125.9 / 60 * 25	$194,611
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $2,171,461 + $795,725 + $194,611	$3,161,797

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-614-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W CO LINE TO 0.50 MI E	Termini	W CO LINE TO 0.50 MI E
425	Present AADT	425
2015	Year of Count	2015
1	Projection Factor	1
425	Projected Traffic	425
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
2003 - ADDED SHOULDERING NEEDS	Comments	2003 - ADDED SHOULDERING NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $204,855 + $75,068 + $18,360	$298,283

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-614-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.8	Segment Length	3.8
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
.50 MI E OF W CO LINE TO TH 169	Termini	.50 MI E OF W CO LINE TO TH 169
425	Present AADT	425
2015	Year of Count	2015
1	Projection Factor	1
425	Projected Traffic	425
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	

Bridge Information

Status: Original

Original		Current
7217	Structure Number	7217
3.9	Milepoint	3.9
1959	Year Built	1959
BLUE EARTH RIVER	Feature Crossed	BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
230	Bridge Length	230
28.6	Bridge Width	28.6
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.8 * 893911.9 / 60 * 25 * 1.1	$1,556,897
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.8 * 2112 * 56.87 / 20 * 25	$570,520
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.8 * 88125.9 / 60 * 25	$139,533
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	230 * 28.6 * 147 / 80 * 25 * 1.15	$347,503
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $1,556,897 + $570,520 + $139,533 + $347,503	$2,614,453

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-615-010

Original		Current
DELAVAN	Municipality	DELAVAN
0.18	Segment Length	0.18
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S LIMS DELAVAN (TH 109) TO 0.18 MI N	Termini	S LIMS DELAVAN (TH 109) TO 0.18 MI N
485	Present AADT	485
2015	Year of Count	2015
1	Projection Factor	1
485	Projected Traffic	485
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1993	Latest Year SA funds	1993
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.18 * 893911.9 / 60 * 25 * 1.1	$73,748
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.18 * 2112 * 56.87 / 20 * 25	$27,025
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.18 * 88125.9 / 60 * 25	$6,609
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $73,748 + $27,025 + $6,609	$107,382

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-615-020

Original		Current
DELAVAN	Municipality	DELAVAN
0.24	Segment Length	0.24
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.18 MI N OF S LIMS TO C M ST P + PAC RR	Termini	0.18 MI N OF S LIMS TO C M ST P + PAC RR
485	Present AADT	485
2015	Year of Count	2015
1	Projection Factor	1
485	Projected Traffic	485
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1993	Latest Year SA funds	1993
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380815X	USDOT Number	380815X
0.2	Located at Milepoint	0.2
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
68	Crossing Length	68
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.24 * 3824526.1 / 60 * 25 * 1.15	$439,821
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.24 * 2904 * 56.87 / 15 * 25	$66,060
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.24 * 27899.86 / 60 * 25	$2,790
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	68 * 1350 / 25 * 25	$91,800
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $439,821 + $66,060 + $2,790 + $1,500 + $91,800	$601,971

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-615-021

Original		Current
DELAVAN	Municipality	DELAVAN
0.26	Segment Length	0.26
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
C M ST P & P RR TO 0.68 MI N OF S LIM DELAVAN	Termini	C M ST P & P RR TO 0.68 MI N OF S LIM DELAVAN
485	Present AADT	485
2015	Year of Count	2015
1	Projection Factor	1
485	Projected Traffic	485
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.26 * 3824526.1 / 60 * 25 * 1.15	$476,472
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.26 * 2904 * 56.87 / 15 * 25	$71,565
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.26 * 27899.86 / 60 * 25	$3,022
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $476,472 + $71,565 + $3,022	$551,059

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-615-030

Original		Current
DELAVAN	Municipality	DELAVAN
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
0.68 M N S LIM TO N LIM DELAVAN	Termini	0.68 M N S LIM TO N LIM DELAVAN
305	Present AADT	305
2015	Year of Count	2015
1	Projection Factor	1
305	Projected Traffic	305
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1981	Latest Year SA funds	1981
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
97650	Structure Number	97650
1.16	Milepoint	1.16
1993	Year Built	1993
JUD DITCH # 1	Feature Crossed	JUD DITCH # 1
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
10	Culvert Height	10
60	Culvert Length	60
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
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.7 * 893911.9 / 60 * 25 * 1.1	$286,797
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.7 * 2112 * 56.87 / 20 * 25	$105,096
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.7 * 88125.9 / 60 * 25	$25,703
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	60 * 120.00026276 * 16.61 / 100 * 25 * 1.15	$34,383
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $286,797 + $105,096 + $25,703 + $34,383	$451,979

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-615-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.4	Segment Length	1.4
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
NO LIM DELAVAN TO 1.4 MI NW	Termini	NO LIM DELAVAN TO 1.4 MI NW
200	Present AADT	200
2015	Year of Count	2015
1	Projection Factor	1
200	Projected Traffic	200
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1981	Latest Year SA funds	1981
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
97651	Structure Number	97651
2.42	Milepoint	2.42
1993	Year Built	1993
JUD DITCH # 1	Feature Crossed	JUD DITCH # 1
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
10	Culvert Height	10
64	Culvert Length	64
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
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.4 * 893911.9 / 60 * 25 * 1.1	$573,593
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.4 * 2112 * 56.87 / 20 * 25	$210,192
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.4 * 88125.9 / 60 * 25	$51,407
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	64 * 120.00026276 * 16.61 / 100 * 25 * 1.15	$36,675
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $573,593 + $210,192 + $51,407 + $36,675	$871,867

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-615-050**

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
1.4 MI NO OF NO LIM OF DELAVAN TO CSAH 18	Termini	1.4 MI NO OF NO LIM OF DELAVAN TO CSAH 18
135	Present AADT	135
2015	Year of Count	2015
1.2	Projection Factor	1.2
162	Projected Traffic	162
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1981	Latest Year SA funds	1981
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 893911.9 / 60 * 25 * 1.1	$614,564
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 56.87 / 20 * 25	$225,205
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 88125.9 / 60 * 25	$55,079
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $614,564 + $225,205 + $55,079	$894,848

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-615-060

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 18 TO CO RD 110	Termini	CSAH 18 TO CO RD 110
50	Present AADT	50
2015	Year of Count	2015
1	Projection Factor	1
50	Projected Traffic	50
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
1986	Latest Year SA funds	1986
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 446955.95 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 546 * 10.01 / 2 * 25	$136,637
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$409,710 + $136,637 + $0	$546,347

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-615-065

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.2	Segment Length	1.2
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CO RD 110 TO N CO LINE	Termini	CO RD 110 TO N CO LINE
50	Present AADT	50
2015	Year of Count	2015
1	Projection Factor	1
50	Projected Traffic	50
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
1986	Latest Year SA funds	1986
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.2 * 446955.95 / 60 * 25 * 1.1	$245,826
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.2 * 546 * 10.01 / 2 * 25	$81,982
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.2 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$245,826 + $81,982 + $0	$327,808

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-615-070

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.9	Segment Length	1.9
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
ALONG BLUE EARTH / FARIBAULT CO LINE	Termini	ALONG BLUE EARTH / FARIBAULT CO LINE
50	Present AADT	50
2015	Year of Count	2015
1	Projection Factor	1
50	Projected Traffic	50
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
1986	Latest Year SA funds	1986
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22551	Structure Number	22551
8.885	Milepoint	8.885
1978	Year Built	1978
RICE CREEK	Feature Crossed	RICE CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
0	Number of Spans	0
140.3	Bridge Length	140.3
36	Bridge Width	36
50%	Shared Structure	50%
SHARED W/ BLUE EARTH CASH 36	Comments	SHARED W/ BLUE EARTH CASH 36
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.9 * 446955.95 / 60 * 25 * 1.1	$389,224
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.9 * 546 * 10.01 / 2 * 25	$129,805
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.9 * 0 / 60 * 25	$0
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost * PercentOfCost	140.3 * 36 * 163 / 80 * 25 * 1.15 * 50%	$147,933
Total Segment Cost	Construction + Preservation + ROW + Bridge	$389,224 + $129,805 + $0 + $147,933	$666,962

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-616-010**

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5.8	Segment Length	5.8
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
W CO LINE TO WEST LIMITS OF BLUE EARTH	Termini	W CO LINE TO WEST LIMITS OF BLUE EARTH
1800	Present AADT	1800
2015	Year of Count	2015
1	Projection Factor	1
1800	Projected Traffic	1800
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5.8 * 1009837.87 / 60 * 25 * 1.1	$2,684,486
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5.8 * 2376 * 56.87 / 20 * 25	$979,643
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5.8 * 86820.75 / 60 * 25	$209,817
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $2,684,486 + $979,643 + $209,817	$3,873,946

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-020

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.3	Segment Length	0.3
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
WEST LIMITS OF BLUE EARTH TO WELK AVE.	Termini	WEST LIMITS OF BLUE EARTH TO WELK AVE.
1800	Present AADT	1800
2015	Year of Count	2015
1	Projection Factor	1
1800	Projected Traffic	1800
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 1009837.87 / 60 * 25 * 1.1	$138,853
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2376 * 56.87 / 20 * 25	$50,671
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 86820.75 / 60 * 25	$10,853
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $138,853 + $50,671 + $10,853	$200,377

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-025

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.4	Segment Length	0.4
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
WELK AVE TO COMMERCE AVE	Termini	WELK AVE TO COMMERCE AVE
3300	Present AADT	3300
2015	Year of Count	2015
1	Projection Factor	1
3300	Projected Traffic	3300
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
THIS SEGMENT WAS ADDED IN 2002 DUE TO CONSTRUCTION OF BRIDGE 22591. THIS SEGMENT WAS THE WEST PART OF 22-616-030.	Comments	THIS SEGMENT WAS ADDED IN 2002 DUE TO CONSTRUCTION OF BRIDGE 22591. THIS SEGMENT WAS THE WEST PART OF 22-616-030.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 1009837.87 / 60 * 25 * 1.1	$185,137
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2376 * 56.87 / 20 * 25	$67,562
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 86820.75 / 60 * 25	$14,470
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $185,137 + $67,562 + $14,470	$267,169

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-030

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
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
COMMERCE AVE TO 0.4 MI E	Termini	COMMERCE AVE TO 0.4 MI E
3300	Present AADT	3300
2015	Year of Count	2015
1	Projection Factor	1
3300	Projected Traffic	3300
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2002	Latest Year SA funds	2002
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
NEW BRIDGE BUILT IN 2002 SP 22-616-14 ROAD RECONSTUCTED IN 2002 WEARING COURSE TO BE PLACED IN 2003	Comments	NEW BRIDGE BUILT IN 2002 SP 22-616-14 ROAD RECONSTUCTED IN 2002 WEARING COURSE TO BE PLACED IN 2003
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22591	Structure Number	22591
6.67	Milepoint	6.67
2002	Year Built	2002
Blue Earth River	Feature Crossed	Blue Earth River
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
178	Bridge Length	178
60.3	Bridge Width	60.3
100%	Shared Structure	100%
	Comments	
2 (150-999,999)	Bridge Group Code	2 (150-999,999)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 1009837.87 / 60 * 25 * 1.1	$185,137
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2376 * 56.87 / 20 * 25	$67,562
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 86820.75 / 60 * 25	$14,470
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	178 * 60.3 * 147 / 80 * 25 * 1.15	$567,025

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$0 + $185,137 + $67,562 + $14,470 + $567,025**	**$834,194**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-040

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.2	Segment Length	0.2
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.4 MI E OF COMMERCE DR TO HOLLAND ST	Termini	0.4 MI E OF COMMERCE DR TO HOLLAND ST
3300	Present AADT	3300
2015	Year of Count	2015
1	Projection Factor	1
3300	Projected Traffic	3300
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
WEST TERMINUS CHANGED TO REFLECT CONSTRUCTION IN 2002 SP 22-616-14	Comments	WEST TERMINUS CHANGED TO REFLECT CONSTRUCTION IN 2002 SP 22-616-14
THE LENGTH WAS CHANGED TO 0.2 MILES		THE LENGTH WAS CHANGED TO 0.2 MILES
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 3824526.1 / 60 * 25 * 1.15	$366,517
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2904 * 56.87 / 15 * 25	$55,050
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 27899.86 / 60 * 25	$2,325
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $366,517 + $55,050 + $2,325	$423,892

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-050

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.4	Segment Length	0.4
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
HOLLAND ST TO 0.1 MI E CSAH 6	Termini	HOLLAND ST TO 0.1 MI E CSAH 6
1700	Present AADT	1700
2015	Year of Count	2015
1	Projection Factor	1
1700	Projected Traffic	1700
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2008 - DELETED BRIDGE 5484 - THIS IS A HWY/RR BRIDGE	Comments	2008 - DELETED BRIDGE 5484 - THIS IS A HWY/RR BRIDGE
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
5484	Structure Number	5484
7.21	Milepoint	7.21
1936	Year Built	1936
	Feature Crossed	
HWY / R.R.	Type of Service	HWY / R.R.
1	Number of Spans	1
70.5	Bridge Length	70.5
17	Bridge Width	17
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 3824526.1 / 60 * 25 * 1.15	$733,034
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2904 * 56.87 / 15 * 25	$110,100
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 27899.86 / 60 * 25	$4,650
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	70.5 * 17 * 163 / 80 * 25 * 1.15	$70,206
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $733,034 + $110,100 + $4,650 + $70,206	$917,990

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-060

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.4	Segment Length	0.4
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.1 MI E OF CSAH 6 TO TH 169	Termini	0.1 MI E OF CSAH 6 TO TH 169
1700	Present AADT	1700
2015	Year of Count	2015
1	Projection Factor	1
1700	Projected Traffic	1700
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2013 - ROUNDABOUT CONSTRUCTED AT TH 169 - COUNTY SHARE PAID UNDER SAP 022-616-026	Comments	2013 - ROUNDABOUT CONSTRUCTED AT TH 169 - COUNTY SHARE PAID UNDER SAP 022-616-026
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.4 * 1009837.87 / 60 * 25 * 1.1	$185,137
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.4 * 2376 * 56.87 / 20 * 25	$67,562
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.4 * 86820.75 / 60 * 25	$14,470
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $185,137 + $67,562 + $14,470	$267,169

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-070

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.21	Segment Length	0.21
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 169 TO 0.21 MI E	Termini	TH 169 TO 0.21 MI E
2300	Present AADT	2300
2015	Year of Count	2015
1	Projection Factor	1
2300	Projected Traffic	2300
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1983	Latest Year SA funds	1983
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
2008 - REINSTATED GRADING NEEDS 2013 - ROUNDABOUT CONSTRUCTED AT TH 169 - COUNTY SHARE PAID UNDER SAP 022-616-026	Comments	2008 - REINSTATED GRADING NEEDS 2013 - ROUNDABOUT CONSTRUCTED AT TH 169 - COUNTY SHARE PAID UNDER SAP 022-616-026
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.21 * 3824526.1 / 60 * 25 * 1.15	$384,843
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.21 * 2904 * 56.87 / 15 * 25	$57,803
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.21 * 27899.86 / 60 * 25	$2,441
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $384,843 + $57,803 + $2,441	$445,087

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-071

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
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
0.21 MI E TO 0.33 MI E TH 169	Termini	0.21 MI E TO 0.33 MI E TH 169
2300	Present AADT	2300
2015	Year of Count	2015
1	Projection Factor	1
2300	Projected Traffic	2300
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
1983	Latest Year SA funds	1983
0	Number of Signal Legs	0
THTB-RECONSTRUCTED WITH TB FUNDS	Special Message Code	THTB-RECONSTRUCTED WITH TB FUNDS
2005 - NEEDS REINSTATED	Comments	2005 - NEEDS REINSTATED
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.12 * 1009837.87 / 60 * 25 * 1.1	$55,541
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.12 * 2376 * 56.87 / 20 * 25	$20,268
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.12 * 86820.75 / 60 * 25	$4,341
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $55,541 + $20,268 + $4,341	$80,150

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-072

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.17	Segment Length	0.17
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.33 MI E OF TH 169 TO E LIMS BLUE EARTH	Termini	0.33 MI E OF TH 169 TO E LIMS BLUE EARTH
2300	Present AADT	2300
2015	Year of Count	2015
1	Projection Factor	1
2300	Projected Traffic	2300
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2005 - REINSTATED NEEDS	Comments	2005 - REINSTATED NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.17 * 1009837.87 / 60 * 25 * 1.1	$78,683
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.17 * 2376 * 56.87 / 20 * 25	$28,714
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.17 * 86820.75 / 60 * 25	$6,150
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $78,683 + $28,714 + $6,150	$113,547

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-080

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
E LIM OF BLUE EARTH TO 2.3 MI E	Termini	E LIM OF BLUE EARTH TO 2.3 MI E
2300	Present AADT	2300
2015	Year of Count	2015
1	Projection Factor	1
2300	Projected Traffic	2300
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2005	Latest Year SA funds	2005
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2004 - RECONSTRUCTED IN 2004 SP 22-616-16 MILLED OFF OLD BIT SURFACE, RUBBILIZED CONCRETE PAVEMENT, WIDENED WITH CRUSHED CONCRETE, PLACED NEW BIT SURFACE FINAL BIT SURFACE TO BE PLACED IN 2005	Comments	2004 - RECONSTRUCTED IN 2004 SP 22-616-16 MILLED OFF OLD BIT SURFACE, RUBBILIZED CONCRETE PAVEMENT, WIDENED WITH CRUSHED CONCRETE, PLACED NEW BIT SURFACE FINAL BIT SURFACE TO BE PLACED IN 2005
2004 - REPLACED OLD BRIDGE 8073 WITH BRIDGE 22J12 - THE NEW BRIDGE DOES NOT HAVE RAILS OR CURB		2004 - REPLACED OLD BRIDGE 8073 WITH BRIDGE 22J12 - THE NEW BRIDGE DOES NOT HAVE RAILS OR CURB
2005 - PLACED 1.5" BIT WEAR COURSE		2005 - PLACED 1.5" BIT WEAR COURSE
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22003	Structure Number	22003
9.26	Milepoint	9.26
1980	Year Built	1980
E FK BLUE EARTH RIVER	Feature Crossed	E FK BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
142.2	Bridge Length	142.2
50.2	Bridge Width	50.2
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information

Status: Original

Original		Current
22J12	Structure Number	22J12
10.487	Milepoint	10.487
2005	Year Built	2005
CO DITCH # 14	Feature Crossed	CO DITCH # 14
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
10	Culvert Width	10
8	Culvert Height	8
100	Culvert Length	100
159.99999155	Area of Waterway Opening	159.99999155

100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.2 * 1009837.87 / 60 * 25 * 1.1	$1,018,253
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.2 * 2376 * 56.87 / 20 * 25	$371,589
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.2 * 86820.75 / 60 * 25	$79,586
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	142.2 * 50.2 * 163 / 80 * 25 * 1.15	$418,156
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	100 * 159.99999155 * 16.61 / 100 * 25 * 1.15	$76,406
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Culvert	$0 + $1,018,253 + $371,589 + $79,586 + $418,156 + $76,406	$1,963,990

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-081

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5.7	Segment Length	5.7
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.3 MI E OF E LIM BLUE EARTH TO TH 254	Termini	2.3 MI E OF E LIM BLUE EARTH TO TH 254
1300	Present AADT	1300
2015	Year of Count	2015
1	Projection Factor	1
1300	Projected Traffic	1300
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2005	Latest Year SA funds	2005
0	Number of Signal Legs	0
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2004 - RECONSTRUCTED IN 2004 - MILLED OFF OLD BIT SURFACE, WIDENED WITH CRUSHED CONCRETE, RUBBLIZED CONCRETE PAVEMENT, PLACED NEW BIT SURFACE FINAL BIT SURFACE TO BE PLACED IN 2005	Comments	2004 - RECONSTRUCTED IN 2004 - MILLED OFF OLD BIT SURFACE, WIDENED WITH CRUSHED CONCRETE, RUBBLIZED CONCRETE PAVEMENT, PLACED NEW BIT SURFACE FINAL BIT SURFACE TO BE PLACED IN 2005
2004 - REPLACED OLD BRIDGE 4455 WITH NEW BRIDGE 22J17 - THREE LINES OF 10'X9' BOX CULVERT		2004 - REPLACED OLD BRIDGE 4455 WITH NEW BRIDGE 22J17 - THREE LINES OF 10'X9' BOX CULVERT
2005 - PLACE 1.5" BIT WEARING COURSE		2005 - PLACE 1.5" BIT WEARING COURSE
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
22J17	Structure Number	22J17
14.04	Milepoint	14.04
2005	Year Built	2005
CO DITCH # 5	Feature Crossed	CO DITCH # 5
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Barrels	3
10	Culvert Width	10
9	Culvert Height	9
110	Culvert Length	110
269.99951482	Area of Waterway Opening	269.99951482
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5.7 * 893911.9 / 60 * 25 * 1.1	$2,335,345

Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**5.7 * 2112 * 56.87 / 20 * 25**	**$855,780**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**5.7 * 88125.9 / 60 * 25**	**$209,299**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**110 * 269.99951482 * 16.61 / 100 * 25 * 1.15**	**$141,828**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $2,335,345 + $855,780 + $209,299 + $141,828**	**$3,542,252**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-090

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
TH 254 TO TH 253	Termini	TH 254 TO TH 253
620	Present AADT	620
2015	Year of Count	2015
1	Projection Factor	1
620	Projected Traffic	620
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
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
CRACK AND SEAT PROJECT CONSTRUCTED IN 2002 USING FEDERAL AND STATE AID MONEY. CRANE CREEK CONSTRUCTION WAS THE CONTRACTOR. SP 22-616-15	Comments	CRACK AND SEAT PROJECT CONSTRUCTED IN 2002 USING FEDERAL AND STATE AID MONEY. CRANE CREEK CONSTRUCTION WAS THE CONTRACTOR. SP 22-616-15
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	6 * 893911.9 / 60 * 25 * 1.1	$2,458,258
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	6 * 2112 * 56.87 / 20 * 25	$900,821
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	6 * 88125.9 / 60 * 25	$220,315
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $2,458,258 + $900,821 + $220,315	$3,579,394

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-100

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
TH 253 TO CSAH 25	Termini	TH 253 TO CSAH 25
620	Present AADT	620
2015	Year of Count	2015
1	Projection Factor	1
620	Projected Traffic	620
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
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2005 - CHANGED LENGTH OF BRIDGE 8503	Comments	2005 - CHANGED LENGTH OF BRIDGE 8503
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22607	Structure Number	22607
24.18	Milepoint	24.18
2011	Year Built	2011
E FK BLUE EARTH RIVER	Feature Crossed	E FK BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
73.5	Bridge Length	73.5
39.33	Bridge Width	39.33
100%	Shared Structure	100%
NEW BRIDGE BUILT IN 2011 SAP 22-616-021	Comments	NEW BRIDGE BUILT IN 2011 SAP 22-616-021
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information

Status: Original

Original		Current
22J37	Structure Number	22J37
24.28	Milepoint	24.28
2011	Year Built	2011
E FK BLUE EARTH RIVER	Feature Crossed	E FK BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
10	Culvert Width	10
5	Culvert Height	5
52	Culvert Length	52
99.99986017	Area of Waterway Opening	99.99986017
100%	Shared Structure	100%
NEW STRUCTURE 22J37 BUILT IN 2011 SAP 22-616-024	Comments	NEW STRUCTURE 22J37 BUILT IN 2011 SAP 22-616-024
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.3 * 893911.9 / 60 * 25 * 1.1	$1,352,042
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.3 * 2112 * 56.87 / 20 * 25	$495,451
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.3 * 88125.9 / 60 * 25	$121,173
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	73.5 * 39.33 * 163 / 80 * 25 * 1.15	$169,335
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	52 * 99.99986017 * 16.61 / 100 * 25 * 1.15	$24,832
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Culvert	$0 + $1,352,042 + $495,451 + $121,173 + $169,335 + $24,832	$2,162,833

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-110

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
CSAH 25 TO N JCT TH 22	Termini	CSAH 25 TO N JCT TH 22
620	Present AADT	620
2015	Year of Count	2015
1	Projection Factor	1
620	Projected Traffic	620
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
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
BRIDGE 22592 BELONGS IN THIS SEGMENT	Comments	BRIDGE 22592 BELONGS IN THIS SEGMENT
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22592	Structure Number	22592
27.29	Milepoint	27.29
1997	Year Built	1997
E FK BLUE EARTH RIVER	Feature Crossed	E FK BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
56.3	Bridge Length	56.3
43.4	Bridge Width	43.4
100%	Shared Structure	100%
THIS BRIDGE WAS INCORRECTLY IN SEGEMENT 22-616-120	Comments	THIS BRIDGE WAS INCORRECTLY IN SEGEMENT 22-616-120
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.8 * 893911.9 / 60 * 25 * 1.1	$327,768
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.8 * 2112 * 56.87 / 20 * 25	$120,109
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.8 * 88125.9 / 60 * 25	$29,375
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	56.3 * 43.4 * 163 / 80 * 25 * 1.15	$143,131
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $327,768 + $120,109 + $29,375 + $143,131	$620,383

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-616-120

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.2	Segment Length	3.2
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 22 TO E CO LINE	Termini	TH 22 TO E CO LINE
830	Present AADT	830
2015	Year of Count	2015
1	Projection Factor	1
830	Projected Traffic	830
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
THTB-NOT ELIGIBLE FOR TB FUNDS	Special Message Code	THTB-NOT ELIGIBLE FOR TB FUNDS
2005 - CHANGED LENGTH OF BRIDGE 8072 2012 - SAP 22-616-025 - MILLED EXISTING BIT, RUBBILIZED CONCRETE, PLACED AGGREGATE AND PAVED NEW BIT SURFACE - ALSO REPLACED BR 8072 WITH A 8X6 CONCRETE BOX CULVERT SO ELIMINATED BR 8072	Comments	2005 - CHANGED LENGTH OF BRIDGE 8072 2012 - SAP 22-616-025 - MILLED EXISTING BIT, RUBBILIZED CONCRETE, PLACED AGGREGATE AND PAVED NEW BIT SURFACE - ALSO REPLACED BR 8072 WITH A 8X6 CONCRETE BOX CULVERT SO ELIMINATED BR 8072
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.2 * 893911.9 / 60 * 25 * 1.1	$1,311,071
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.2 * 2112 * 56.87 / 20 * 25	$480,438
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.2 * 88125.9 / 60 * 25	$117,501
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,311,071 + $480,438 + $117,501	$1,909,010

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-617-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5.54	Segment Length	5.54
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
SOUTH COUNTY LINE (STATE LINE) TO SOUTH LIMITS OF FROST	Termini	SOUTH COUNTY LINE (STATE LINE) TO SOUTH LIMITS OF FROST
1050	Present AADT	1050
2015	Year of Count	2015
1	Projection Factor	1
1050	Projected Traffic	1050
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
2" OVERLAY BY S.M.C IN JUNE OF 2000 (COUNTY FUNDED PROJECT) 2004 - LENGTHENED THE REPLACEMENT OF BRIDGE 6785 2005 - CHANGED LENGTH OF BRIDGE 6946	Comments	2" OVERLAY BY S.M.C IN JUNE OF 2000 (COUNTY FUNDED PROJECT) 2004 - LENGTHENED THE REPLACEMENT OF BRIDGE 6785 2005 - CHANGED LENGTH OF BRIDGE 6946
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
6784	Structure Number	6784
3.81	Milepoint	3.81
1952	Year Built	1952
COON CREEK	Feature Crossed	COON CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
23.5	Bridge Length	23.5
35	Bridge Width	35
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Bridge Information

Status: Original

Original		Current
6785	Structure Number	6785
2.79	Milepoint	2.79
1952	Year Built	1952
COON CREEK	Feature Crossed	COON CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
26.8	Bridge Length	26.8
34.6	Bridge Width	34.6
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information

Status: Original

Original		Current

6946	Structure Number	6946
0.474	Milepoint	0.474
1922	Year Built	1922
JUD DITCH # 13A	Feature Crossed	JUD DITCH # 13A
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
10	Culvert Height	10
46	Culvert Length	46
90.00019707	Area of Waterway Opening	90.00019707
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5.54 * 893911.9 / 60 * 25 * 1.1	$2,269,791
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5.54 * 2112 * 56.87 / 20 * 25	$831,758
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5.54 * 88125.9 / 60 * 25	$203,424
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	23.5 * 35 * 163 / 80 * 25 * 1.15	$48,181
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	26.8 * 34.6 * 163 / 80 * 25 * 1.15	$54,318
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	46 * 90.00019707 * 16.61 / 100 * 25 * 1.15	$19,770
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Bridge + Culvert	$0 + $2,269,791 + $831,758 + $203,424 + $48,181 + $54,318 + $19,770	$3,427,242

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-617-011

Original		Current
FROST	Municipality	FROST
0.29	Segment Length	0.29
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
SO. LIM. FROST TO SO. C&N RR R/W LINE	Termini	SO. LIM. FROST TO SO. C&N RR R/W LINE
1050	Present AADT	1050
2015	Year of Count	2015
1	Projection Factor	1
1050	Projected Traffic	1050
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
2" OVERLAY BY SMC IN 2000 (COUNTY FUNDED PROJECT)	Comments	2" OVERLAY BY SMC IN 2000 (COUNTY FUNDED PROJECT)
2003 - CHANGED PROPOSED TO URBAN DESIGN AND ADDED COMPLETE STORM SEWER AND CURB & GUTTER NEEDS SEE SUBMITTED WORKSHEET FOR GRADING COST INFO		2003 - CHANGED PROPOSED TO URBAN DESIGN AND ADDED COMPLETE STORM SEWER AND CURB & GUTTER NEEDS SEE SUBMITTED WORKSHEET FOR GRADING COST INFO
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
195397B	USDOT Number	195397B
5.85	Located at Milepoint	5.85
	Mainline Tracks	
SIGNALS ONLY	Protection Type	SIGNALS ONLY
	Last Year Protection Upgraded	
0	Crossing Length	0
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.29 * 893911.9 / 60 * 25 * 1.1	$118,816
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.29 * 2112 * 56.87 / 20 * 25	$43,540
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.29 * 88125.9 / 60 * 25	$10,649
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	275000 / 25 * 25	$275,000

RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**0 * 1350 / 25 * 25**	**$0**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $118,816 + $43,540 + $10,649 + $275,000 + $0**	**$448,005**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-617-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
7.39	Segment Length	7.39
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 254 TO TH 109	Termini	TH 254 TO TH 109
620	Present AADT	620
2015	Year of Count	2015
1	Projection Factor	1
620	Projected Traffic	620
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1983	Latest Year SA funds	1983
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - REINSTALLED NEEDS	Comments	2005 - REINSTALLED NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	7.39 * 893911.9 / 60 * 25 * 1.1	$3,027,754
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	7.39 * 2112 * 56.87 / 20 * 25	$1,109,511
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	7.39 * 88125.9 / 60 * 25	$271,354
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $3,027,754 + $1,109,511 + $271,354	$4,408,619

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-617-040

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
TH 109 TO C R 116	Termini	TH 109 TO C R 116
335	Present AADT	335
2015	Year of Count	2015
1	Projection Factor	1
335	Projected Traffic	335
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
FULL DEPTH BITUMINOUS PLACED BY SMC IN 2000	Comments	FULL DEPTH BITUMINOUS PLACED BY SMC IN 2000
2004 - CHANGED EXISTING ROADBED WIDTH TO 40' THIS SEGMENT WAS GRADED IN 1999		2004 - CHANGED EXISTING ROADBED WIDTH TO 40' THIS SEGMENT WAS GRADED IN 1999
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380808M	USDOT Number	380808M
0.6	Located at Milepoint	0.6
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
33	Crossing Length	33
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 893911.9 / 60 * 25 * 1.1	$1,229,129
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 56.87 / 20 * 25	$450,410
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 88125.9 / 60 * 25	$110,157
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	33 * 1350 / 25 * 25	$44,550

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $1,229,129 + $450,410 + $110,157 + $1,500 + $44,550**	**$1,835,746**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-617-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.06	Segment Length	3.06
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CR 116 TO N CO LINE	Termini	CR 116 TO N CO LINE
335	Present AADT	335
2015	Year of Count	2015
1	Projection Factor	1
335	Projected Traffic	335
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
FULL DEPTH BITUMINOUS PLACED IN 2000 BY SMC	Comments	FULL DEPTH BITUMINOUS PLACED IN 2000 BY SMC
2004 - CHANGED ROADBED WIDTH TO 40' THIS SEGMENT WAS GRADED IN 1999		2004 - CHANGED ROADBED WIDTH TO 40' THIS SEGMENT WAS GRADED IN 1999
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
22J05	Structure Number	22J05
23.34	Milepoint	23.34
1999	Year Built	1999
CO DITCH # 3	Feature Crossed	CO DITCH # 3
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Barrels	3
0	Culvert Width	0
0	Culvert Height	0
80	Culvert Length	80
344.00025093	Area of Waterway Opening	344.00025093
100%	Shared Structure	100%
1 LINE OF 12X12 AND 2 LINES OF 10X10 PRECAST CONCRETE BOX CULVERT	Comments	1 LINE OF 12X12 AND 2 LINES OF 10X10 PRECAST CONCRETE BOX CULVERT
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.06 * 893911.9 / 60 * 25 * 1.1	$1,253,711
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.06 * 2112 * 56.87 / 20 * 25	$459,419
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.06 * 88125.9 / 60 * 25	$112,361

Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**80 * 344.00025093 * 16.61 / 100 * 25 * 1.15**	**$131,418**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,253,711 + $459,419 + $112,361 + $131,418**	**$1,956,909**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-618-010

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
TH 169 TO CO RD 107	Termini	TH 169 TO CO RD 107
335	Present AADT	335
2015	Year of Count	2015
1	Projection Factor	1
335	Projected Traffic	335
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 022-618-005 OL	Comments	2017 SAP 022-618-005 OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 893911.9 / 60 * 25 * 1.1	$1,229,129
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 56.87 / 20 * 25	$450,410
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 88125.9 / 60 * 25	$110,157
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,229,129 + $450,410 + $110,157	$1,789,696

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-618-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CO RD 107 TO 2.0 MI E	Termini	CO RD 107 TO 2.0 MI E
230	Present AADT	230
2015	Year of Count	2015
1	Projection Factor	1
230	Projected Traffic	230
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 022-618-005 Overlay	Comments	2017 SAP 022-618-005 Overlay
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 893911.9 / 60 * 25 * 1.1	$819,419
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 56.87 / 20 * 25	$300,274
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 88125.9 / 60 * 25	$73,438
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $819,419 + $300,274 + $73,438	$1,193,131

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-618-030

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
2.0 MI E OF CR 107 TO 1.3 MI W OF CSAH 15	Termini	2.0 MI E OF CR 107 TO 1.3 MI W OF CSAH 15
230	Present AADT	230
2015	Year of Count	2015
1	Projection Factor	1
230	Projected Traffic	230
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 022-618-005 Overlay	Comments	2017 SAP 022-618-005 Overlay
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 893911.9 / 60 * 25 * 1.1	$122,913
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2112 * 56.87 / 20 * 25	$45,041
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 88125.9 / 60 * 25	$11,016
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $122,913 + $45,041 + $11,016	$178,970

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-618-040

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
1.3 MI TO 1.1 MI W OF CSAH 15	Termini	1.3 MI TO 1.1 MI W OF CSAH 15
230	Present AADT	230
2015	Year of Count	2015
1	Projection Factor	1
230	Projected Traffic	230
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 022-618-005 Overlay	Comments	2017 SAP 022-618-005 Overlay
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22565	Structure Number	22565
5.4	Milepoint	5.4
1982	Year Built	1982
RICE CREEK	Feature Crossed	RICE CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
90.6	Bridge Length	90.6
35	Bridge Width	35
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 893911.9 / 60 * 25 * 1.1	$81,942
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2112 * 56.87 / 20 * 25	$30,027
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 88125.9 / 60 * 25	$7,344
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	90.6 * 35 * 163 / 80 * 25 * 1.15	$185,751
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $81,942 + $30,027 + $7,344 + $185,751	$305,064

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-618-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.1	Segment Length	1.1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.1 MI W TO CSAH 15	Termini	1.1 MI W TO CSAH 15
230	Present AADT	230
2015	Year of Count	2015
1	Projection Factor	1
230	Projected Traffic	230
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 022-618-005 Overlay	Comments	2017 SAP 022-618-005 Overlay
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.1 * 893911.9 / 60 * 25 * 1.1	$450,681
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.1 * 2112 * 56.87 / 20 * 25	$165,150
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.1 * 88125.9 / 60 * 25	$40,391
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $450,681 + $165,150 + $40,391	$656,222

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-618-060

Original		Current
DELAVAN	Municipality	DELAVAN
1.5	Segment Length	1.5
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FROM JCT CSAH 15 TO JCT CSAH 13	Termini	FROM JCT CSAH 15 TO JCT CSAH 13
230	Present AADT	230
2015	Year of Count	2015
1	Projection Factor	1
230	Projected Traffic	230
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
2016 SAP 022-618-004 ROW and Grading; 2017 SAP 022-618-005 Bituminous Surface	Comments	2016 SAP 022-618-004 ROW and Grading; 2017 SAP 022-618-005 Bituminous Surface
2010 - NEW SEGMENT CSAH 18 EXTENSION		2010 - NEW SEGMENT CSAH 18 EXTENSION
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 893911.9 / 60 * 25 * 1.1	$614,564
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 56.87 / 20 * 25	$225,205
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 88125.9 / 60 * 25	$55,079
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $614,564 + $225,205 + $55,079	$894,848

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-619-020

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 CO RD 112	Termini	CSAH 2 TO CO RD 112
80	Present AADT	80
2015	Year of Count	2015
1	Projection Factor	1
80	Projected Traffic	80
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
89023	Structure Number	89023
0.44	Milepoint	0.44
1951	Year Built	1951
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
18	Culvert Width	18
18	Culvert Height	18
26	Culvert Length	26
109.99952327	Area of Waterway Opening	109.99952327
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
195433U	USDOT Number	195433U
1.1	Located at Milepoint	1.1
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
32	Crossing Length	32
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**2 * 446955.95 / 60 * 25 * 1.1**	**$409,710**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**2 * 546 * 10.01 / 2 * 25**	**$136,637**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**2 * 0 / 60 * 25**	**$0**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**26 * 109.99952327 * 16.61 / 100 * 25 * 1.15**	**$13,658**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**32 * 1350 / 25 * 25**	**$43,200**
Total Segment Cost	**Construction + Preservation + ROW + Culvert + RR Crossing Protection + RR Crossing Surface**	**$409,710 + $136,637 + $0 + $13,658 + $1,500 + $43,200**	**$604,705**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-619-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
4	Segment Length	4
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CO RD 112 TO CSAH 16	Termini	CO RD 112 TO CSAH 16
80	Present AADT	80
2015	Year of Count	2015
1	Projection Factor	1
80	Projected Traffic	80
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
2005 - CHANGED PROPOSED CULVERT LENGTH ON BRIDGE 89022	Comments	2005 - CHANGED PROPOSED CULVERT LENGTH ON BRIDGE 89022
2008 - REINSTATE NEEDS ON BRIDGE 22528		2008 - REINSTATE NEEDS ON BRIDGE 22528
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22528	Structure Number	22528
2.08	Milepoint	2.08
1973	Year Built	1973
E FK BLUE EARTH RIVER	Feature Crossed	E FK BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
132.5	Bridge Length	132.5
34	Bridge Width	34
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information

Status: Original

Original		Current
89022	Structure Number	89022
4.05	Milepoint	4.05
1942	Year Built	1942
CO DITCH # 55	Feature Crossed	CO DITCH # 55
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
8	Culvert Height	8
55	Culvert Length	55
80.00053397	Area of Waterway Opening	80.00053397
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current

93311	Structure Number	93311
5.83	Milepoint	5.83
1978	Year Built	1978
CO DITCH # 37	Feature Crossed	CO DITCH # 37
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
14	Culvert Width	14
10	Culvert Height	10
58	Culvert Length	58
98.99989386	Area of Waterway Opening	98.99989386
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	4 * 446955.95 / 60 * 25 * 1.1	$819,419
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4 * 546 * 10.01 / 2 * 25	$273,273
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4 * 0 / 60 * 25	$0
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	132.5 * 34 * 163 / 80 * 25 * 1.15	$263,894
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	55 * 80.00053397 * 16.61 / 100 * 25 * 1.15	$21,012
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	58 * 98.99989386 * 16.61 / 100 * 25 * 1.15	$27,420
Total Segment Cost	Construction + Preservation + ROW + Bridge + Culvert + Culvert	$819,419 + $273,273 + $0 + $263,894 + $21,012 + $27,420	$1,405,018

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-619-040

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 16 TO CR 124	Termini	CSAH 16 TO CR 124
145	Present AADT	145
2015	Year of Count	2015
1.1	Projection Factor	1.1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1973	Latest Year SA funds	1973
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2" OVERLAY PLACED IN 2001 BY SMC USING COUNTY FUNDS	Comments	2" OVERLAY PLACED IN 2001 BY SMC USING COUNTY FUNDS
2004 - BRIDGE 22511 NEEDS REINSTATED		2004 - BRIDGE 22511 NEEDS REINSTATED
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22511	Structure Number	22511
7.08	Milepoint	7.08
1969	Year Built	1969
CO DITCH # 25	Feature Crossed	CO DITCH # 25
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
42.5	Bridge Length	42.5
32	Bridge Width	32
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 893911.9 / 60 * 25 * 1.1	$1,229,129
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 56.87 / 20 * 25	$450,410
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 88125.9 / 60 * 25	$110,157
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	42.5 * 32 * 163 / 80 * 25 * 1.15	$79,666

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$0 + $1,229,129 + $450,410 + $110,157 + $79,666**	**$1,869,362**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-619-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.1	Segment Length	3.1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CO RD 124 TO CO RD 113	Termini	CO RD 124 TO CO RD 113
145	Present AADT	145
2015	Year of Count	2015
1.1	Projection Factor	1.1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
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
92244	Structure Number	92244
12.09	Milepoint	12.09
1974	Year Built	1974
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
8	Culvert Height	8
112	Culvert Length	112
85.00036552	Area of Waterway Opening	85.00036552
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.1 * 893911.9 / 60 * 25 * 1.1	$1,270,100
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.1 * 2112 * 56.87 / 20 * 25	$465,424
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.1 * 88125.9 / 60 * 25	$113,829
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	112 * 85.00036552 * 16.61 / 100 * 25 * 1.15	$45,462
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert	$0 + $1,270,100 + $465,424 + $113,829 + $45,462	$1,894,815

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-619-060

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
CO RD 113 TO TH 109	Termini	CO RD 113 TO TH 109
145	Present AADT	145
2015	Year of Count	2015
1.1	Projection Factor	1.1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1995	Latest Year SA funds	1995
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2009 - REINSTATED NEEDS ON BRIDGE 92244	Comments	2009 - REINSTATED NEEDS ON BRIDGE 92244
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.9 * 893911.9 / 60 * 25 * 1.1	$1,188,158
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.9 * 2112 * 56.87 / 20 * 25	$435,397
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.9 * 88125.9 / 60 * 25	$106,485
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,188,158 + $435,397 + $106,485	$1,730,040

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-619-070

Original		Current
EASTON	Municipality	EASTON
0.5	Segment Length	0.5
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 109 TO 0.50 MI N	Termini	TH 109 TO 0.50 MI N
250	Present AADT	250
2015	Year of Count	2015
1	Projection Factor	1
250	Projected Traffic	250
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380806Y	USDOT Number	380806Y
0.5	Located at Milepoint	0.5
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
32	Crossing Length	32
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	32 * 1350 / 25 * 25	$43,200
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $204,855 + $75,068 + $18,360 + $1,500 + $43,200	$342,983

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-619-080**

Original		Current
EASTON	Municipality	EASTON
0.25	Segment Length	0.25
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.50 MI NO OF TH 109 TO NO LIMS OF EASTON	Termini	0.50 MI NO OF TH 109 TO NO LIMS OF EASTON
250	Present AADT	250
2015	Year of Count	2015
1	Projection Factor	1
250	Projected Traffic	250
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1980	Latest Year SA funds	1980
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - NEEDS REINSTALLED	Comments	2005 - NEEDS REINSTALLED
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.25 * 893911.9 / 60 * 25 * 1.1	$102,427
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.25 * 2112 * 56.87 / 20 * 25	$37,534
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.25 * 88125.9 / 60 * 25	$9,180
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $102,427 + $37,534 + $9,180	$149,141

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-619-090

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
N LIM EASTON TO 0.20 MI N	Termini	N LIM EASTON TO 0.20 MI N
250	Present AADT	250
2015	Year of Count	2015
1	Projection Factor	1
250	Projected Traffic	250
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1980	Latest Year SA funds	1980
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - NEEDS REINSTATED	Comments	2005 - NEEDS REINSTATED
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 893911.9 / 60 * 25 * 1.1	$81,942
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2112 * 56.87 / 20 * 25	$30,027
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 88125.9 / 60 * 25	$7,344
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $81,942 + $30,027 + $7,344	$119,313

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-619-100

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
0.2 MI NO OF NO LIM EASTON TO NO CO LINE	Termini	0.2 MI NO OF NO LIM EASTON TO NO CO LINE
255	Present AADT	255
2015	Year of Count	2015
1	Projection Factor	1
255	Projected Traffic	255
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 022-619-019 BR R&R NEW 22620	Comments	2015 SAP 022-619-019 BR R&R NEW 22620
2004 - BRIDGES 22520 AND 22521 HAD NEEDS REINSTATED		2004 - BRIDGES 22520 AND 22521 HAD NEEDS REINSTATED
2008 - GRADING NEEDS REINSTATED		2008 - GRADING NEEDS REINSTATED
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22520	Structure Number	22520
16.81	Milepoint	16.81
1970	Year Built	1970
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
53.8	Bridge Length	53.8
33	Bridge Width	33
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Bridge Information

Status: Original

Original		Current
22620	Structure Number	22620
19.92	Milepoint	19.92
2015	Year Built	2015
MAPLE RIVER	Feature Crossed	MAPLE RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
91	Bridge Length	91
39.33	Bridge Width	39.33
100%	Shared Structure	100%
2015 SAP 022-619-019 BR R&R	Comments	2015 SAP 022-619-019 BR R&R
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5.1 * 893911.9 / 60 * 25 * 1.1	$2,089,519
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5.1 * 2112 * 56.87 / 20 * 25	$765,698
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5.1 * 88125.9 / 60 * 25	$187,268
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	53.8 * 33 * 163 / 80 * 25 * 1.15	$104,000
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	91 * 39.33 * 163 / 80 * 25 * 1.15	$209,653
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Bridge	$0 + $2,089,519 + $765,698 + $187,268 + $104,000 + $209,653	$3,356,138

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-620-010**

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.3	Segment Length	2.3
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
N COUNTY LINE TO W LIM MINN LAKE	Termini	N COUNTY LINE TO W LIM MINN LAKE
245	Present AADT	245
2015	Year of Count	2015
1	Projection Factor	1
245	Projected Traffic	245
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1983	Latest Year SA funds	1983
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2006 - DELETED BRIDGE 7521 - THIS BRIDGE IS ON THE BLUE EARTH COUNTY / FARIBAULT COUNTY LINE AND IT WAS DECIDED TO GIVE BEC FULL CONTROL OF THIS BRIDGE. 2013 - THERE IS NO STRUCTURE IN THIS SEGMENT. BRIDGE 7592 IS LOCATED IN AITKIN COUNTY.	Comments	2006 - DELETED BRIDGE 7521 - THIS BRIDGE IS ON THE BLUE EARTH COUNTY / FARIBAULT COUNTY LINE AND IT WAS DECIDED TO GIVE BEC FULL CONTROL OF THIS BRIDGE. 2013 - THERE IS NO STRUCTURE IN THIS SEGMENT. BRIDGE 7592 IS LOCATED IN AITKIN COUNTY.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.3 * 893911.9 / 60 * 25 * 1.1	$942,332
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.3 * 2112 * 56.87 / 20 * 25	$345,315
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.3 * 88125.9 / 60 * 25	$84,454
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $942,332 + $345,315 + $84,454	$1,372,101

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-620-020

Original		Current
MINNESOTA LAKE	Municipality	MINNESOTA LAKE
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
W LIM MINN LAKE TO TH 22	Termini	W LIM MINN LAKE TO TH 22
245	Present AADT	245
2015	Year of Count	2015
1	Projection Factor	1
245	Projected Traffic	245
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1983	Latest Year SA funds	1983
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $204,855 + $75,068 + $18,360	$298,283

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-620-021**

Original		Current
MINNESOTA LAKE	Municipality	MINNESOTA LAKE
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 22 TO CSAH 21	Termini	TH 22 TO CSAH 21
245	Present AADT	245
2015	Year of Count	2015
1	Projection Factor	1
245	Projected Traffic	245
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 022-620-013 M&OL	Comments	2017 SAP 022-620-013 M&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.12 * 893911.9 / 60 * 25 * 1.1	$49,165
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.12 * 2112 * 56.87 / 20 * 25	$18,016
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.12 * 88125.9 / 60 * 25	$4,406
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $49,165 + $18,016 + $4,406	$71,587

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-620-030

Original		Current
MINNESOTA LAKE	Municipality	MINNESOTA LAKE
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
TH 22 TO 0.3 MI EAST	Termini	TH 22 TO 0.3 MI EAST
680	Present AADT	680
2015	Year of Count	2015
1	Projection Factor	1
680	Projected Traffic	680
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 022-620-013 M&OL 2003 - ADDED COMPLETE STORM SEWER NEEDS	Comments	2017 SAP 022-620-013 M&OL 2003 - ADDED COMPLETE STORM SEWER NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 3824526.1 / 60 * 25 * 1.15	$549,776
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2904 * 56.87 / 15 * 25	$82,575
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 27899.86 / 60 * 25	$3,487
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $549,776 + $82,575 + $3,487	$635,838

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-620-040

Original		Current
MINNESOTA LAKE	Municipality	MINNESOTA LAKE
0.43	Segment Length	0.43
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.3 MI E OF TH 22 TO NO CO LINE	Termini	0.3 MI E OF TH 22 TO NO CO LINE
680	Present AADT	680
2015	Year of Count	2015
1	Projection Factor	1
680	Projected Traffic	680
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1970	Latest Year SA funds	1970
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2004 - 2.5" OVERLAY WITH LOCAL FUNDS	Comments	2004 - 2.5" OVERLAY WITH LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.43 * 893911.9 / 60 * 25 * 1.1	$176,175
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.43 * 2112 * 56.87 / 20 * 25	$64,559
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.43 * 88125.9 / 60 * 25	$15,789
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $176,175 + $64,559 + $15,789	$256,523

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-620-050

Original		Current
MINNESOTA LAKE	Municipality	MINNESOTA LAKE
0.47	Segment Length	0.47
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
N COUNTY LINE TO E LIM MINN LAKE	Termini	N COUNTY LINE TO E LIM MINN LAKE
680	Present AADT	680
2015	Year of Count	2015
1	Projection Factor	1
680	Projected Traffic	680
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1970	Latest Year SA funds	1970
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2004 - 2.5" OVERLAY USING LOCAL FUNDS	Comments	2004 - 2.5" OVERLAY USING LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.47 * 893911.9 / 60 * 25 * 1.1	$192,564
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.47 * 2112 * 56.87 / 20 * 25	$70,564
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.47 * 88125.9 / 60 * 25	$17,258
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $192,564 + $70,564 + $17,258	$280,386

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-620-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2	Segment Length	2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
E LIM MINN LAKE TO CO RD 123	Termini	E LIM MINN LAKE TO CO RD 123
680	Present AADT	680
2015	Year of Count	2015
1	Projection Factor	1
680	Projected Traffic	680
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1970	Latest Year SA funds	1970
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2004 - 2.5" OVERLAY USING LOCAL FUNDS	Comments	2004 - 2.5" OVERLAY USING LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2 * 893911.9 / 60 * 25 * 1.1	$819,419
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 2112 * 56.87 / 20 * 25	$300,274
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 88125.9 / 60 * 25	$73,438
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $819,419 + $300,274 + $73,438	$1,193,131

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-620-070

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CO RD 123 TO 1.0 MI EAST	Termini	CO RD 123 TO 1.0 MI EAST
680	Present AADT	680
2015	Year of Count	2015
1	Projection Factor	1
680	Projected Traffic	680
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1970	Latest Year SA funds	1970
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2004 - 2.5" OVERLAY USING LOCAL FUNDS	Comments	2004 - 2.5" OVERLAY USING LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 893911.9 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 56.87 / 20 * 25	$150,137
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 88125.9 / 60 * 25	$36,719
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $409,710 + $150,137 + $36,719	$596,566

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-620-080

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 29 TO CSAH 35	Termini	CSAH 29 TO CSAH 35
180	Present AADT	180
2015	Year of Count	2015
1	Projection Factor	1
180	Projected Traffic	180
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
2010 - ADDED SEGMENT CSAH 20 2013-ADDED STRUCTURE 93205	Comments	2010 - ADDED SEGMENT CSAH 20 2013-ADDED STRUCTURE 93205
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
93205	Structure Number	93205
1.8	Milepoint	1.8
1976	Year Built	1976
stream	Feature Crossed	stream
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
14.08	Culvert Width	14.08
8.92	Culvert Height	8.92
60	Culvert Length	60
100	Area of Waterway Opening	100
100%	Shared Structure	100%
ADDED CULVERT 93205 IN 2014 - 169" SPAN RCPA	Comments	ADDED CULVERT 93205 IN 2014 - 169" SPAN RCPA
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 893911.9 / 60 * 25 * 1.1	$1,229,129
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 56.87 / 20 * 25	$450,410
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 88125.9 / 60 * 25	$110,157
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	60 * 100 * 16.61 / 100 * 25 * 1.15	$28,652

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,229,129 + $450,410 + $110,157 + $28,652**	**$1,818,348**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-621-010

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 2 TO 1.0 MI NO OF CO RD 112	Termini	CSAH 2 TO 1.0 MI NO OF CO RD 112
160	Present AADT	160
2015	Year of Count	2015
1	Projection Factor	1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1979	Latest Year SA funds	1979
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
9984	Structure Number	9984
1.95	Milepoint	1.95
1958	Year Built	1958
E FK BLUE EARTH RIVER	Feature Crossed	E FK BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
73.7	Bridge Length	73.7
27.5	Bridge Width	27.5
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
195951P	USDOT Number	195951P
0.5	Located at Milepoint	0.5
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
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 * 56250 / 40 * 25	$0

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**3 * 893911.9 / 60 * 25 * 1.1**	**$1,229,129**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**3 * 2112 * 56.87 / 20 * 25**	**$450,410**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**3 * 88125.9 / 60 * 25**	**$110,157**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**73.7 * 27.5 * 163 / 80 * 25 * 1.15**	**$118,723**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**40 * 1350 / 25 * 25**	**$54,000**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + RR Crossing Protection + RR Crossing Surface**	**$0 + $1,229,129 + $450,410 + $110,157 + $118,723 + $1,500 + $54,000**	**$1,963,919**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-621-021

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.1	Segment Length	3.1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.0 MI NO CO RD 112 TO CSAH 16	Termini	1.0 MI NO CO RD 112 TO CSAH 16
160	Present AADT	160
2015	Year of Count	2015
1	Projection Factor	1
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1982	Latest Year SA funds	1982
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.1 * 893911.9 / 60 * 25 * 1.1	$1,270,100
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.1 * 2112 * 56.87 / 20 * 25	$465,424
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.1 * 88125.9 / 60 * 25	$113,829
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,270,100 + $465,424 + $113,829	$1,849,353

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-621-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 253 TO 1.0 MI NW	Termini	TH 253 TO 1.0 MI NW
180	Present AADT	180
2015	Year of Count	2015
1	Projection Factor	1
180	Projected Traffic	180
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 893911.9 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 56.87 / 20 * 25	$150,137
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 88125.9 / 60 * 25	$36,719
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $409,710 + $150,137 + $36,719	$596,566

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-621-031

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.5	Segment Length	3.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1.0 MI W OF TH 253 TO 1 MI N OF CR 124	Termini	1.0 MI W OF TH 253 TO 1 MI N OF CR 124
345	Present AADT	345
2015	Year of Count	2015
1	Projection Factor	1
345	Projected Traffic	345
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1987	Latest Year SA funds	1987
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.5 * 893911.9 / 60 * 25 * 1.1	$1,433,984
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.5 * 2112 * 56.87 / 20 * 25	$525,479
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.5 * 88125.9 / 60 * 25	$128,517
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,433,984 + $525,479 + $128,517	$2,087,980

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-621-040

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
1 MI N OF CR 124 TO TH 109	Termini	1 MI N OF CR 124 TO TH 109
345	Present AADT	345
2015	Year of Count	2015
1	Projection Factor	1
345	Projected Traffic	345
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1988	Latest Year SA funds	1988
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - CHANGED BR 89025 TO A BOX CULVERT	Comments	2005 - CHANGED BR 89025 TO A BOX CULVERT
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
89025	Structure Number	89025
13.03	Milepoint	13.03
1942	Year Built	1942
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
14	Bridge Length	14
35.2	Bridge Width	35.2
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 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 893911.9 / 60 * 25 * 1.1	$1,229,129
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 56.87 / 20 * 25	$450,410
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 88125.9 / 60 * 25	$110,157
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	14 * 35.2 * 163 / 80 * 25 * 1.15	$28,867
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge	$0 + $1,229,129 + $450,410 + $110,157 + $28,867	$1,818,563

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-621-050

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.7	Segment Length	2.7
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 109 TO MAPLE RIVER	Termini	TH 109 TO MAPLE RIVER
500	Present AADT	500
2015	Year of Count	2015
1	Projection Factor	1
500	Projected Traffic	500
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
2005 - CHANGED PROPOSED LENGTH OF BRIDGE 92379	Comments	2005 - CHANGED PROPOSED LENGTH OF BRIDGE 92379
2006 - REPLACED BRIDGE 92379 WITH BRIDGE 22J22 REPLACED BRIDGE 7176 WITH BRIDGE 22599 GRADED THIS SEGMENT UNDER SAP 22-621-20 BIT SURFACE WILL BE PLACED IN 2007		2006 - REPLACED BRIDGE 92379 WITH BRIDGE 22J22 REPLACED BRIDGE 7176 WITH BRIDGE 22599 GRADED THIS SEGMENT UNDER SAP 22-621-20 BIT SURFACE WILL BE PLACED IN 2007
2007 - BIT SURFACE PLACED UNDER 22-621-19		2007 - BIT SURFACE PLACED UNDER 22-621-19
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22599	Structure Number	22599
20.848	Milepoint	20.848
2006	Year Built	2006
MAPLE RIVER	Feature Crossed	MAPLE RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
90.9	Bridge Length	90.9
43.25	Bridge Width	43.25
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Culvert Information

Status: Original

Original		Current
22J22	Structure Number	22J22
18.78	Milepoint	18.78
2006	Year Built	2006
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
0	Culvert Width	0
0	Culvert Height	0
76	Culvert Length	76
220.00012293	Area of Waterway Opening	220.00012293
100%	Shared Structure	100%

22J22 CONSISTS OF 1 LINE OF 14X10 AND 1 LINE OF 10X8 PRECAST CONCRETE BOX CULVERT	Comments	22J22 CONSISTS OF 1 LINE OF 14X10 AND 1 LINE OF 10X8 PRECAST CONCRETE BOX CULVERT
1	Culvert Group Code	1

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
380802W	USDOT Number	380802W
0.4	Located at Milepoint	0.4
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
2012	Last Year Protection Upgraded	2012
45	Crossing Length	45
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
2006 - CHANGED NAME OF RAILROAD TO DM&E - ALSO A CONCRETE CROSSING WAS INSTALLED 2012 - INSTALLED SIGNALS AND GATES	Comments	2006 - CHANGED NAME OF RAILROAD TO DM&E - ALSO A CONCRETE CROSSING WAS INSTALLED 2012 - INSTALLED SIGNALS AND GATES

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.7 * 893911.9 / 60 * 25 * 1.1	$1,106,216
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.7 * 2112 * 56.87 / 20 * 25	$405,369
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.7 * 88125.9 / 60 * 25	$99,142
Bridge	BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost	90.9 * 43.25 * 163 / 80 * 25 * 1.15	$230,296
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	76 * 220.00012293 * 16.61 / 100 * 25 * 1.15	$79,844
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	325000 / 25 * 25	$325,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	45 * 1350 / 25 * 25	$60,750
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Bridge + Culvert + RR Crossing Protection + RR Crossing Surface	$0 + $1,106,216 + $405,369 + $99,142 + $230,296 + $79,844 + $325,000 + $60,750	$2,306,617

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-621-060

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.7	Segment Length	2.7
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
MAPLE RIVER TO S LIM MINN LAKE	Termini	MAPLE RIVER TO S LIM MINN LAKE
500	Present AADT	500
2015	Year of Count	2015
1	Projection Factor	1
500	Projected Traffic	500
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
2007 - GRADED UNDER 22-621-23 REPLACED BRIDGE 89026 WITH 6X5 BOX CULVERT REPLACED BRIDGE 9985 WITH BRIDGE 22J24 2008 - PLACED BIT SURFACE UNDER 22-621-24	Comments	2007 - GRADED UNDER 22-621-23 REPLACED BRIDGE 89026 WITH 6X5 BOX CULVERT REPLACED BRIDGE 9985 WITH BRIDGE 22J24 2008 - PLACED BIT SURFACE UNDER 22-621-24
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
22J24	Structure Number	22J24
22.828	Milepoint	22.828
2007	Year Built	2007
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
6	Culvert Height	6
156	Culvert Length	156
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 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.7 * 893911.9 / 60 * 25 * 1.1	$1,106,216
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.7 * 2112 * 56.87 / 20 * 25	$405,369
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.7 * 88125.9 / 60 * 25	$99,142

Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**156 * 71.9997271 * 16.61 / 100 * 25 * 1.15**	**$53,637**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $1,106,216 + $405,369 + $99,142 + $53,637**	**$1,664,364**

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	FARIBAULT	Segment Nbr : 022-621-070

Original		Current
MINNESOTA LAKE	Municipality	MINNESOTA LAKE
0.25	Segment Length	0.25
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
SO LIMS OF MINN LAKE TO MARPLES AVE	Termini	SO LIMS OF MINN LAKE TO MARPLES AVE
500	Present AADT	500
2015	Year of Count	2015
1	Projection Factor	1
500	Projected Traffic	500
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
2007 - GRADED UNDER 22-621-23 BIT SURFACING WILL BE PLACED IN 2008	Comments	2007 - GRADED UNDER 22-621-23 BIT SURFACING WILL BE PLACED IN 2008
2008 - BIT SURFACED PLACE UNDER 22-621-24		2008 - BIT SURFACED PLACE UNDER 22-621-24
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.25 * 893911.9 / 60 * 25 * 1.1	$102,427
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.25 * 2112 * 56.87 / 20 * 25	$37,534
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.25 * 88125.9 / 60 * 25	$9,180
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $102,427 + $37,534 + $9,180	$149,141

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-621-080

Original		Current
MINNESOTA LAKE	Municipality	MINNESOTA LAKE
0.67	Segment Length	0.67
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
MARPLES AVE TO TH 22	Termini	MARPLES AVE TO TH 22
1300	Present AADT	1300
2015	Year of Count	2015
1	Projection Factor	1
1300	Projected Traffic	1300
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
2008 - RECONSTRUCTED CSAH 21 FROM MARPLES AVE TO TH 22 UNDER SAP 22-621-25. ADDED SEGMENT 22-621-085 FROM TH 22 TO NORTH COUNTY LINE	Comments	2008 - RECONSTRUCTED CSAH 21 FROM MARPLES AVE TO TH 22 UNDER SAP 22-621-25. ADDED SEGMENT 22-621-085 FROM TH 22 TO NORTH COUNTY LINE
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
382748M	USDOT Number	382748M
0.6	Located at Milepoint	0.6
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
118	Crossing Length	118
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.67 * 3824526.1 / 60 * 25 * 1.15	$1,227,832
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.67 * 2904 * 56.87 / 15 * 25	$184,418
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.67 * 27899.86 / 60 * 25	$7,789
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	118 * 1350 / 25 * 25	$159,300

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $1,227,832 + $184,418 + $7,789 + $1,500 + $159,300**	**$1,580,839**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-621-085

Original		Current
MINNESOTA LAKE	Municipality	MINNESOTA LAKE
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 22 TO NORTH COUNTY LINE (NORTH LIMITS OF MINN LAKE)	Termini	TH 22 TO NORTH COUNTY LINE (NORTH LIMITS OF MINN LAKE)
480	Present AADT	480
2015	Year of Count	2015
1	Projection Factor	1
480	Projected Traffic	480
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 022-621-026 M&OL	Comments	2017 SAP 022-621-026 M&OL
2008 - ADDED THIS SEGMENT - THIS WAS PART OF SEGMENT 22-621-08 AND SPLIT UP SEGMENT AT TH 22		2008 - ADDED THIS SEGMENT - THIS WAS PART OF SEGMENT 22-621-08 AND SPLIT UP SEGMENT AT TH 22
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.08 * 3824526.1 / 60 * 25 * 1.15	$146,607
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.08 * 2904 * 56.87 / 15 * 25	$22,020
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.08 * 27899.86 / 60 * 25	$930
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $146,607 + $22,020 + $930	$169,557

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-623-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
ON MINNESOTA - IOWA STATE LINE	Termini	ON MINNESOTA - IOWA STATE LINE
165	Present AADT	165
2015	Year of Count	2015
1	Projection Factor	1
165	Projected Traffic	165
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
2014- CHANGED SURFACE TO BITUMINOUS - IT'S BEEN BITUMINOUS SINCE 1966	Comments	2014- CHANGED SURFACE TO BITUMINOUS - IT'S BEEN BITUMINOUS SINCE 1966
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $204,855 + $75,068 + $18,360	$298,283

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-623-020

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
STATE LINE TO CSAH 2	Termini	STATE LINE TO CSAH 2
165	Present AADT	165
2015	Year of Count	2015
1	Projection Factor	1
165	Projected Traffic	165
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1982	Latest Year SA funds	1982
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.3 * 893911.9 / 60 * 25 * 1.1	$1,352,042
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.3 * 2112 * 56.87 / 20 * 25	$495,451
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.3 * 88125.9 / 60 * 25	$121,173
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,352,042 + $495,451 + $121,173	$1,968,666

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-624-020**

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
CSAH 27 TO TH 22	Termini	CSAH 27 TO TH 22
40	Present AADT	40
2015	Year of Count	2015
1	Projection Factor	1
40	Projected Traffic	40
RURAL	Design Type	RURAL
1 - RURAL : 0 - 149	Design Group	1 (RURAL : 0 - 149)
1980	Latest Year SA funds	1980
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - REINSTATED NEEDS	Comments	2005 - REINSTATED NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 446955.95 / 60 * 25 * 1.1	$614,564
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 546 * 10.01 / 2 * 25	$204,955
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$614,564 + $204,955 + $0	$819,519

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-627-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.8	Segment Length	1.8
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 24 TO C R 120	Termini	CSAH 24 TO C R 120
70	Present AADT	70
2015	Year of Count	2015
1	Projection Factor	1
70	Projected Traffic	70
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	1.8 * 446955.95 / 60 * 25 * 1.1	$368,739
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.8 * 546 * 10.01 / 2 * 25	$122,973
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.8 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$368,739 + $122,973 + $0	$491,712

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-627-020

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
CO RD 120 TO TH 109	Termini	CO RD 120 TO TH 109
70	Present AADT	70
2015	Year of Count	2015
1	Projection Factor	1
70	Projected Traffic	70
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 * 446955.95 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 546 * 10.01 / 2 * 25	$136,637
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$409,710 + $136,637 + $0	$546,347

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-627-021

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.9	Segment Length	3.9
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 109 TO TH 22	Termini	TH 109 TO TH 22
45	Present AADT	45
2015	Year of Count	2015
1	Projection Factor	1
45	Projected Traffic	45
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
2005 - NEEDS ON BRIDGE 22522 REINSTATED	Comments	2005 - NEEDS ON BRIDGE 22522 REINSTATED
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22522	Structure Number	22522
6.6	Milepoint	6.6
1970	Year Built	1970
MAPLE RIVER	Feature Crossed	MAPLE RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
54	Bridge Length	54
32	Bridge Width	32
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
382736T	USDOT Number	382736T
3.9	Located at Milepoint	3.9
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
31	Crossing Length	31
	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	3.9 * 446955.95 / 60 * 25 * 1.1	$798,934

Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**3.9 * 546 * 10.01 / 2 * 25**	**$266,441**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**3.9 * 0 / 60 * 25**	**$0**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**54 * 32 * 163 / 80 * 25 * 1.15**	**$101,223**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**31 * 1350 / 25 * 25**	**$41,850**
Total Segment Cost	**Construction + Preservation + ROW + Bridge + RR Crossing Protection + RR Crossing Surface**	**$798,934 + $266,441 + $0 + $101,223 + $1,500 + $41,850**	**$1,209,948**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-628-010

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
TH 22 TO EAST CO LINE	Termini	TH 22 TO EAST CO LINE
230	Present AADT	230
2015	Year of Count	2015
1	Projection Factor	1
230	Projected Traffic	230
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1992	Latest Year SA funds	1992
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3 * 893911.9 / 60 * 25 * 1.1	$1,229,129
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 2112 * 56.87 / 20 * 25	$450,410
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 88125.9 / 60 * 25	$110,157
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,229,129 + $450,410 + $110,157	$1,789,696

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-629-010

Original		Current
WELLS	Municipality	WELLS
0.56	Segment Length	0.56
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 22 TO NO LIM OF WELLS	Termini	TH 22 TO NO LIM OF WELLS
1200	Present AADT	1200
2015	Year of Count	2015
1	Projection Factor	1
1200	Projected Traffic	1200
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1996	Latest Year SA funds	1996
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - ADDED RESHOULDER NEEDS	Comments	2003 - ADDED RESHOULDER NEEDS
2009 - REINSTATED GRADING NEEDS		2009 - REINSTATED GRADING NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.56 * 893911.9 / 60 * 25 * 1.1	$229,437
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.56 * 2112 * 56.87 / 20 * 25	$84,077
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.56 * 88125.9 / 60 * 25	$20,563
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $229,437 + $84,077 + $20,563	$334,077

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-629-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
6.3	Segment Length	6.3
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FROM NO LIM OF WELLS TO NORTH COUNTY LINE	Termini	FROM NO LIM OF WELLS TO NORTH COUNTY LINE
1200	Present AADT	1200
2015	Year of Count	2015
1	Projection Factor	1
1200	Projected Traffic	1200
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1996	Latest Year SA funds	1996
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2004 - COMBINED WITH SEGMENT 629-30	Comments	2004 - COMBINED WITH SEGMENT 629-30
2009 - REINSTATED GRADING NEEDS		2009 - REINSTATED GRADING NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	6.3 * 893911.9 / 60 * 25 * 1.1	$2,581,171
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	6.3 * 2112 * 56.87 / 20 * 25	$945,862
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	6.3 * 88125.9 / 60 * 25	$231,330
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $2,581,171 + $945,862 + $231,330	$3,758,363

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-630-010

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
TH 22 TO W LIM OF WALTERS	Termini	TH 22 TO W LIM OF WALTERS
215	Present AADT	215
2015	Year of Count	2015
1	Projection Factor	1
215	Projected Traffic	215
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 022-630-008 OVERLAY	Comments	2012 SAP 022-630-008 OVERLAY
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.5 * 893911.9 / 60 * 25 * 1.1	$614,564
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.5 * 2112 * 56.87 / 20 * 25	$225,205
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.5 * 88125.9 / 60 * 25	$55,079
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $614,564 + $225,205 + $55,079	$894,848

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-630-020

Original		Current
WALTERS	Municipality	WALTERS
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
W TO E LIM OF WALTERS	Termini	W TO E LIM OF WALTERS
215	Present AADT	215
2015	Year of Count	2015
1	Projection Factor	1
215	Projected Traffic	215
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 022-630-008 OVERLAY	Comments	2012 SAP 022-630-008 OVERLAY
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $204,855 + $75,068 + $18,360	$298,283

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-630-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
E LIM OF WALTERS TO CSAH 31	Termini	E LIM OF WALTERS TO CSAH 31
215	Present AADT	215
2015	Year of Count	2015
1	Projection Factor	1
215	Projected Traffic	215
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2010	Latest Year SA funds	2010
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2009 - THIS SEGEMENT WAS GRADED THIS SEGMENT WILL BE SURFACED IN 2010 SAP 22-631-009 INCLUDED 0.5 ON CSAH 30 2010 - PAVED UNDER SAP 22-630-007	Comments	2009 - THIS SEGEMENT WAS GRADED THIS SEGMENT WILL BE SURFACED IN 2010 SAP 22-631-009 INCLUDED 0.5 ON CSAH 30 2010 - PAVED UNDER SAP 22-630-007
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $204,855 + $75,068 + $18,360	$298,283

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-630-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 31 TO EAST CO LINE	Termini	CSAH 31 TO EAST CO LINE
245	Present AADT	245
2015	Year of Count	2015
1	Projection Factor	1
245	Projected Traffic	245
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1968	Latest Year SA funds	1968
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 893911.9 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 56.87 / 20 * 25	$150,137
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 88125.9 / 60 * 25	$36,719
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $409,710 + $150,137 + $36,719	$596,566

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-631-010

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
CSAH 2 TO S LIM OF WALTERS	Termini	CSAH 2 TO S LIM OF WALTERS
185	Present AADT	185
2015	Year of Count	2015
1	Projection Factor	1
185	Projected Traffic	185
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1987	Latest Year SA funds	1987
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	4.5 * 893911.9 / 60 * 25 * 1.1	$1,843,693
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	4.5 * 2112 * 56.87 / 20 * 25	$675,616
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	4.5 * 88125.9 / 60 * 25	$165,236
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,843,693 + $675,616 + $165,236	$2,684,545

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-631-011

Original		Current
WALTERS	Municipality	WALTERS
0.5	Segment Length	0.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S LIM WALTERS TO CSAH 30	Termini	S LIM WALTERS TO CSAH 30
185	Present AADT	185
2015	Year of Count	2015
1	Projection Factor	1
185	Projected Traffic	185
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1987	Latest Year SA funds	1987
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $204,855 + $75,068 + $18,360	$298,283

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-631-012

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.5	Segment Length	2.5
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 30 TO CSAH 16	Termini	CSAH 30 TO CSAH 16
290	Present AADT	290
2015	Year of Count	2015
1	Projection Factor	1
290	Projected Traffic	290
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
2010	Latest Year SA funds	2010
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2008 - REPLACED BRIDGE 7246 WITH NEW BRIDGE 22609 2009 - GRADED UNDER SAP 22-631-09 THIS SEGMENT WILL BE PAVED IN 2010 UNDER A DIFFERENT CONTRACT 2010 - PAVED IN 2010 UNDER SAP 22-631-010.	Comments	2008 - REPLACED BRIDGE 7246 WITH NEW BRIDGE 22609 2009 - GRADED UNDER SAP 22-631-09 THIS SEGMENT WILL BE PAVED IN 2010 UNDER A DIFFERENT CONTRACT 2010 - PAVED IN 2010 UNDER SAP 22-631-010.
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22609	Structure Number	22609
1	Milepoint	1
2008	Year Built	2008
E FK BLUE EARTH RIVER	Feature Crossed	E FK BLUE EARTH RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
64.5	Bridge Length	64.5
39.33	Bridge Width	39.33
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.5 * 893911.9 / 60 * 25 * 1.1	$1,024,274
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.5 * 2112 * 56.87 / 20 * 25	$375,342
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.5 * 88125.9 / 60 * 25	$91,798

Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**64.5 * 39.33 * 163 / 80 * 25 * 1.15**	**$148,600**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge**	**$0 + $1,024,274 + $375,342 + $91,798 + $148,600**	**$1,640,014**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-631-020

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
CSAH 16 TO TH 109	Termini	CSAH 16 TO TH 109
290	Present AADT	290
2015	Year of Count	2015
1	Projection Factor	1
290	Projected Traffic	290
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1990	Latest Year SA funds	1990
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2008 - REINSTATED NEEDS ON BRIDGE 22529	Comments	2008 - REINSTATED NEEDS ON BRIDGE 22529
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22529	Structure Number	22529
9.96	Milepoint	9.96
1973	Year Built	1973
FOSTER CREEK	Feature Crossed	FOSTER CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Spans	1
52	Bridge Length	52
34	Bridge Width	34
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380775G	USDOT Number	380775G
4.4	Located at Milepoint	4.4
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
40	Crossing Length	40
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

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

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**4.5 * 893911.9 / 60 * 25 * 1.1**	**$1,843,693**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**4.5 * 2112 * 56.87 / 20 * 25**	**$675,616**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**4.5 * 88125.9 / 60 * 25**	**$165,236**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**52 * 34 * 163 / 80 * 25 * 1.15**	**$103,566**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**40 * 1350 / 25 * 25**	**$54,000**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + RR Crossing Protection + RR Crossing Surface**	**$0 + $1,843,693 + $675,616 + $165,236 + $103,566 + $1,500 + $54,000**	**$2,843,611**

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	FARIBAULT	Segment Nbr : 022-631-030

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
TH 109 TO CSAH 32	Termini	TH 109 TO CSAH 32
60	Present AADT	60
2015	Year of Count	2015
1	Projection Factor	1
60	Projected Traffic	60
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 * 446955.95 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2 * 546 * 10.01 / 2 * 25	$136,637
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$409,710 + $136,637 + $0	$546,347

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-632-010

Original		Current
WELLS	Municipality	WELLS
0.29	Segment Length	0.29
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 22 TO 2ND AVE	Termini	TH 22 TO 2ND AVE
1900	Present AADT	1900
2015	Year of Count	2015
1	Projection Factor	1
1900	Projected Traffic	1900
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - ADDED STORM SEWER AND CURB & GUTTER NEEDS 2006 - SAP 22-632-10 WAS A PANEL REPLACEMENT PROJECT. AFTER TALKING TO KIM, IT WAS DECIDED TO TREAT THIS LIKE A MAINTENANCE PROJECT WITH NO CHANGES TO NEEDS - PLUS NO AFTER THE FACT NEEDS FOR CONCRETE USE.	Comments	2003 - ADDED STORM SEWER AND CURB & GUTTER NEEDS 2006 - SAP 22-632-10 WAS A PANEL REPLACEMENT PROJECT. AFTER TALKING TO KIM, IT WAS DECIDED TO TREAT THIS LIKE A MAINTENANCE PROJECT WITH NO CHANGES TO NEEDS - PLUS NO AFTER THE FACT NEEDS FOR CONCRETE USE.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.29 * 3824526.1 / 60 * 25 * 1.15	$531,450
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.29 * 2904 * 56.87 / 15 * 25	$79,823
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.29 * 27899.86 / 60 * 25	$3,371
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $531,450 + $79,823 + $3,371	$614,644

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Revised
County Name :	FARIBAULT	Segment Nbr : 022-632-013

Original		Current
WELLS	Municipality	WELLS
0.2	Segment Length	0.2
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2ND AVE TO 0.20 M E	Termini	2ND AVE TO 4TH AVE ALLEY
1900	Present AADT	1900
2015	Year of Count	2015
1	Projection Factor	1
1900	Projected Traffic	1900
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1996	Latest Year SA funds	1996
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - ADDED STORM SEWER AND CURB & GUTTER NEEDS 2006 - SAP 22-632-10 WAS A PANEL REPLACEMENT PROJECT. AFTER TALKING TO KIM, IT WAS DECIDED TO TREAT THIS LIKE A MAINTENANCE PROJECT WITH NO CHANGES TO NEEDS - PLUS NO AFTER THE FACT NEEDS FOR CONCRETE USE.	Comments	2003 - ADDED STORM SEWER AND CURB & GUTTER NEEDS 2006 - SAP 22-632-10 WAS A PANEL REPLACEMENT PROJECT. AFTER TALKING TO KIM, IT WAS DECIDED TO TREAT THIS LIKE A MAINTENANCE PROJECT WITH NO CHANGES TO NEEDS - PLUS NO AFTER THE FACT NEEDS FOR CONCRETE USE.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 3824526.1 / 60 * 25 * 1.15	$366,517
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2904 * 56.87 / 15 * 25	$55,050
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 27899.86 / 60 * 25	$2,325
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $366,517 + $55,050 + $2,325	$423,892

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Revised

County Name : FARIBAULT

Segment Nbr : 022-632-017

Original		Current
WELLS	Municipality	WELLS
0.1	Segment Length	0.1
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.20 M E OF 2ND AVE TO TH 109	Termini	4TH AVE ALLEY TO TH 109
1900	Present AADT	1900
2015	Year of Count	2015
1	Projection Factor	1
1900	Projected Traffic	1900
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2018
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - ADDED COMPLETE STORM SEWER AND CURB & GUTTER NEEDS	Comments	2018: 022-632-012 Reconst. 2003 - ADDED COMPLETE STORM SEWER AND CURB & GUTTER NEEDS
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380787W	USDOT Number	380787W
0.05	Located at Milepoint	0.05
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
52	Crossing Length	52
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.1 * 3824526.1 / 60 * 25 * 1.15	$183,259
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.1 * 2904 * 56.87 / 15 * 25	$27,525
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.1 * 27899.86 / 60 * 25	$1,162
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	52 * 1350 / 25 * 25	$70,200

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $183,259 + $27,525 + $1,162 + $1,500 + $70,200**	**$283,646**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-632-020**

Original		Current
WELLS	Municipality	WELLS
0.11	Segment Length	0.11
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 109 TO E LIMS OF WELLS	Termini	TH 109 TO E LIMS OF WELLS
840	Present AADT	840
2015	Year of Count	2015
1	Projection Factor	1
840	Projected Traffic	840
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 022-632-011 M&OL	Comments	2017 SAP 022-632-011 M&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.11 * 893911.9 / 60 * 25 * 1.1	$45,068
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.11 * 2112 * 56.87 / 20 * 25	$16,515
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.11 * 88125.9 / 60 * 25	$4,039
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $45,068 + $16,515 + $4,039	$65,622

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-632-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.6	Segment Length	2.6
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
E LIMS OF WELLS TO 2.60 MI E.	Termini	E LIMS OF WELLS TO 2.60 MI E.
840	Present AADT	840
2015	Year of Count	2015
1	Projection Factor	1
840	Projected Traffic	840
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 022-632-011 M&OL	Comments	2017 SAP 022-632-011 M&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
97168	Structure Number	97168
2.41	Milepoint	2.41
1991	Year Built	1991
CO DITCH # 1	Feature Crossed	CO DITCH # 1
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
10	Culvert Width	10
8	Culvert Height	8
84	Culvert Length	84
159.99999155	Area of Waterway Opening	159.99999155
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
97169	Structure Number	97169
3.46	Milepoint	3.46
1991	Year Built	1991
CO DITCH # 1	Feature Crossed	CO DITCH # 1
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
12	Culvert Width	12
9	Culvert Height	9
80	Culvert Length	80
84.00039921	Area of Waterway Opening	84.00039921
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result

Signal Leg	**TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear**	**0 * 56250 / 40 * 25**	**$0**
Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**2.6 * 893911.9 / 60 * 25 * 1.1**	**$1,065,245**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**2.6 * 2112 * 56.87 / 20 * 25**	**$390,356**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**2.6 * 88125.9 / 60 * 25**	**$95,470**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**84 * 159.99999155 * 16.61 / 100 * 25 * 1.15**	**$64,181**
Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**80 * 84.00039921 * 16.61 / 100 * 25 * 1.15**	**$32,091**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert + Culvert**	**$0 + $1,065,245 + $390,356 + $95,470 + $64,181 + $32,091**	**$1,647,343**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-632-040

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
2.3	Segment Length	2.3
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2.60 MI E. OF E. LIMITS OF WELLS TO E. CO. LINE	Termini	2.60 MI E. OF E. LIMITS OF WELLS TO E. CO. LINE
730	Present AADT	730
2015	Year of Count	2015
1	Projection Factor	1
730	Projected Traffic	730
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
2005 - CHANGED 89029 TO A BOX CULVERT 2017 SAP 022-632-011 M&OL	Comments	2005 - CHANGED 89029 TO A BOX CULVERT 2017 SAP 022-632-011 M&OL
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
89029	Structure Number	89029
4.15	Milepoint	4.15
1950	Year Built	1950
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
7	Culvert Width	7
13	Culvert Height	13
28	Culvert Length	28
81.00050028	Area of Waterway Opening	81.00050028
100%	Shared Structure	100%
THIS IS A 13' X 7' STEEL ARCH PIPE	Comments	THIS IS A 13' X 7' STEEL ARCH PIPE
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	2.3 * 893911.9 / 60 * 25 * 1.1	$942,332
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	2.3 * 2112 * 56.87 / 20 * 25	$345,315
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	2.3 * 88125.9 / 60 * 25	$84,454

Culvert	**CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**28 * 81.00050028 * 16.61 / 100 * 25 * 1.15**	**$10,831**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $942,332 + $345,315 + $84,454 + $10,831**	**$1,382,932**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-633-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 32 TO E CO LINE	Termini	CSAH 32 TO E CO LINE
150	Present AADT	150
2015	Year of Count	2015
1	Projection Factor	1
150	Projected Traffic	150
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
2005 - CHANGED BRIDGE 89030 TO A BOX CULVERT	Comments	2005 - CHANGED BRIDGE 89030 TO A BOX CULVERT
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
89030	Structure Number	89030
0.05	Milepoint	0.05
1961	Year Built	1961
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
14	Culvert Width	14
8	Culvert Height	8
39	Culvert Length	39
89.00023076	Area of Waterway Opening	89.00023076
100%	Shared Structure	100%
	Comments	
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 893911.9 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 56.87 / 20 * 25	$150,137
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 88125.9 / 60 * 25	$36,719
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	39 * 89.00023076 * 16.61 / 100 * 25 * 1.15	$16,575

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Culvert**	**$0 + $409,710 + $150,137 + $36,719 + $16,575**	**$613,141**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-634-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
3.1	Segment Length	3.1
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 27 TO CSAH 29	Termini	CSAH 27 TO CSAH 29
40	Present AADT	40
2015	Year of Count	2015
1	Projection Factor	1
40	Projected Traffic	40
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
2009 - REINSTATED NEEDS ON BRIDGE 93050	Comments	2009 - REINSTATED NEEDS ON BRIDGE 93050
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
93050	Structure Number	93050
1.03	Milepoint	1.03
1974	Year Built	1974
STREAM	Feature Crossed	STREAM
STREAM CROSSING	Type of Service	STREAM CROSSING
1	Number of Barrels	1
10	Culvert Width	10
7	Culvert Height	7
66	Culvert Length	66
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
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	3.1 * 446955.95 / 60 * 25 * 1.1	$635,050
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3.1 * 546 * 10.01 / 2 * 25	$211,787
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3.1 * 0 / 60 * 25	$0
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	66 * 55.00029983 * 16.61 / 100 * 25 * 1.15	$17,335
Total Segment Cost	Construction + Preservation + ROW + Culvert	$635,050 + $211,787 + $0 + $17,335	$864,172

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-634-020

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
CSAH 29 TO CSAH 35	Termini	CSAH 29 TO CSAH 35
40	Present AADT	40
2015	Year of Count	2015
1	Projection Factor	1
40	Projected Traffic	40
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 * 446955.95 / 60 * 25 * 1.1	$614,564
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 546 * 10.01 / 2 * 25	$204,955
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$614,564 + $204,955 + $0	$819,519

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-634-030

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 35 TO EAST CO LINE	Termini	CSAH 35 TO EAST CO LINE
40	Present AADT	40
2015	Year of Count	2015
1	Projection Factor	1
40	Projected Traffic	40
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
96836	Structure Number	96836
6.16	Milepoint	6.16
1990	Year Built	1990
BIG COBB RIVER	Feature Crossed	BIG COBB RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
0	Culvert Width	0
0	Culvert Height	0
52	Culvert Length	52
124.000128	Area of Waterway Opening	124.000128
100%	Shared Structure	100%
THIS STRUCTURE CONSISTS OF TWO LINES OF PRECAST CONCRETE BOX ONE LINE 12X7 AND ONE LINE 8X5	Comments	THIS STRUCTURE CONSISTS OF TWO LINES OF PRECAST CONCRETE BOX ONE LINE 12X7 AND ONE LINE 8X5
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 446955.95 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 546 * 10.01 / 2 * 25	$68,318
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 0 / 60 * 25	$0
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	52 * 124.000128 * 16.61 / 100 * 25 * 1.15	$30,792
Total Segment Cost	Construction + Preservation + ROW + Culvert	$204,855 + $68,318 + $0 + $30,792	$303,965

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-635-010

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
5.6	Segment Length	5.6
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 32 TO NO CO LINE	Termini	CSAH 32 TO NO CO LINE
255	Present AADT	255
2015	Year of Count	2015
1	Projection Factor	1
255	Projected Traffic	255
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 022-635-005 CULVERTS R&R, 22J41, 22J42	Comments	2015 SAP 022-635-005 CULVERTS R&R, 22J41, 22J42
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
22J41	Structure Number	22J41
4.23	Milepoint	4.23
2015	Year Built	2015
COBB CREEK	Feature Crossed	COBB CREEK
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
12	Culvert Width	12
9	Culvert Height	9
56	Culvert Length	56
216	Area of Waterway Opening	216
100%	Shared Structure	100%
2015 SAP 022-635-005 CULVERT X 2	Comments	2015 SAP 022-635-005 CULVERT X 2
1	Culvert Group Code	1

Culvert Information

Status: Original

Original		Current
22J42	Structure Number	22J42
2.89	Milepoint	2.89
2015	Year Built	2015
BIG COBB RIVER	Feature Crossed	BIG COBB RIVER
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
12	Culvert Width	12
7	Culvert Height	7
76	Culvert Length	76
168	Area of Waterway Opening	168
100%	Shared Structure	100%
2015 SAP 022-635-005 CULVERT X 2	Comments	2015 SAP 022-635-005 CULVERT X 2
1	Culvert Group Code	1

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	5.6 * 893911.9 / 60 * 25 * 1.1	$2,294,374
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	5.6 * 2112 * 56.87 / 20 * 25	$840,766
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	5.6 * 88125.9 / 60 * 25	$205,627
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	56 * 216 * 16.61 / 100 * 25 * 1.15	$57,763
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	76 * 168 * 16.61 / 100 * 25 * 1.15	$60,972
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + Culvert + Culvert	$0 + $2,294,374 + $840,766 + $205,627 + $57,763 + $60,972	$3,459,502

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-635-020

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
ALONG N COUNTY LINE	Termini	ALONG N COUNTY LINE
150	Present AADT	150
2015	Year of Count	2015
1	Projection Factor	1
150	Projected Traffic	150
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
2008 - OVERLAY WITH STATE AID FUNDS SAP 22-635-04	Comments	2008 - OVERLAY WITH STATE AID FUNDS SAP 22-635-04
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 893911.9 / 60 * 25 * 1.1	$204,855
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2112 * 56.87 / 20 * 25	$75,068
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 88125.9 / 60 * 25	$18,360
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $204,855 + $75,068 + $18,360	$298,283

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-644-005

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.35	Segment Length	0.35
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 6 TO TH 169	Termini	CSAH 6 TO TH 169
2700	Present AADT	2700
2015	Year of Count	2015
1	Projection Factor	1
2700	Projected Traffic	2700
RURAL	Design Type	RURAL
3 - RURAL : 1500 - 6999	Design Group	3 (RURAL : 1500 - 6999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2010 - ADDED SEGMENT CSAH 44 2013 -ROUNDABOUT CONSTRUCTED AT TH 169 - COUNTY SHARE PAID UNDER SAP 022-644-004	Comments	2010 - ADDED SEGMENT CSAH 44 2013 -ROUNDABOUT CONSTRUCTED AT TH 169 - COUNTY SHARE PAID UNDER SAP 022-644-004
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.35 * 1009837.87 / 60 * 25 * 1.1	$161,995
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.35 * 2376 * 56.87 / 20 * 25	$59,116
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.35 * 86820.75 / 60 * 25	$12,661
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $161,995 + $59,116 + $12,661	$233,772

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-644-010

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.32	Segment Length	0.32
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
4	Existing Surface Lanes	4
DIVIDED	Existing Lane Description	DIVIDED
TH 169 TO E LIMS BLUE EARTH	Termini	TH 169 TO E LIMS BLUE EARTH
1000	Present AADT	1000
2015	Year of Count	2015
1	Projection Factor	1
1000	Projected Traffic	1000
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1994	Latest Year SA funds	1994
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROUNDABOUT CONSTRUCTED AT TH 169 IN 2013 COUNTY SHARE PAID UNDER SAP 022-644-004	Comments	ROUNDABOUT CONSTRUCTED AT TH 169 IN 2013 COUNTY SHARE PAID UNDER SAP 022-644-004
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.32 * 3824526.1 / 60 * 25 * 1.15	$586,427
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.32 * 2904 * 56.87 / 15 * 25	$88,080
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.32 * 27899.86 / 60 * 25	$3,720
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $586,427 + $88,080 + $3,720	$678,227

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-644-020

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1	Segment Length	1
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
E LIMS BLUE EARTH TO CSAH 11	Termini	E LIMS BLUE EARTH TO CSAH 11
1000	Present AADT	1000
2015	Year of Count	2015
1	Projection Factor	1
1000	Projected Traffic	1000
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1994	Latest Year SA funds	1994
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1 * 893911.9 / 60 * 25 * 1.1	$409,710
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1 * 2112 * 56.87 / 20 * 25	$150,137
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1 * 88125.9 / 60 * 25	$36,719
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $409,710 + $150,137 + $36,719	$596,566

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-651-010**

Original		Current
ELMORE	Municipality	ELMORE
0.16	Segment Length	0.16
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.33 MI W TH 169 TO THORNE ST	Termini	0.33 MI W TH 169 TO THORNE ST
380	Present AADT	380
2015	Year of Count	2015
1	Projection Factor	1
380	Projected Traffic	380
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1996	Latest Year SA funds	1996
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.16 * 3824526.1 / 60 * 25 * 1.15	$293,214
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.16 * 2904 * 56.87 / 15 * 25	$44,040
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.16 * 27899.86 / 60 * 25	$1,860
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $293,214 + $44,040 + $1,860	$339,114

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-651-020

Original		Current
ELMORE	Municipality	ELMORE
0.17	Segment Length	0.17
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
THORNE ST TO TH 169	Termini	THORNE ST TO TH 169
380	Present AADT	380
2015	Year of Count	2015
1	Projection Factor	1
380	Projected Traffic	380
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1996	Latest Year SA funds	1996
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - CHANGED CURB & GUTTER TO 1795 FT	Comments	2003 - CHANGED CURB & GUTTER TO 1795 FT
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.17 * 3824526.1 / 60 * 25 * 1.15	$311,540
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.17 * 2904 * 56.87 / 15 * 25	$46,793
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.17 * 27899.86 / 60 * 25	$1,976
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $311,540 + $46,793 + $1,976	$360,309

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-651-030**

Original		Current
ELMORE	Municipality	ELMORE
0.15	Segment Length	0.15
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 169 TO STOCKMAN ST	Termini	TH 169 TO STOCKMAN ST
780	Present AADT	780
2015	Year of Count	2015
1	Projection Factor	1
780	Projected Traffic	780
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2003	Latest Year SA funds	2003
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
RECONSTRUCTED IN 2003 BY WEERTS CONSTRUCTION FINAL LIFT OF BITUMINOUS TO BE PLACED IN 2004	Comments	RECONSTRUCTED IN 2003 BY WEERTS CONSTRUCTION FINAL LIFT OF BITUMINOUS TO BE PLACED IN 2004
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.15 * 3824526.1 / 60 * 25 * 1.15	$274,888
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.15 * 2904 * 56.87 / 15 * 25	$41,288
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.15 * 27899.86 / 60 * 25	$1,744
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $274,888 + $41,288 + $1,744	$317,920

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-651-040**

Original		Current
ELMORE	Municipality	ELMORE
0.33	Segment Length	0.33
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
WILLIS ST TO TH 169	Termini	WILLIS ST TO TH 169
385	Present AADT	385
2015	Year of Count	2015
1	Projection Factor	1
385	Projected Traffic	385
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2010	Latest Year SA funds	2010
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2010 - RECONSTRUCTED UNDER SAP 22-651-08	Comments	2010 - RECONSTRUCTED UNDER SAP 22-651-08
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.33 * 3824526.1 / 60 * 25 * 1.15	$604,753
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.33 * 2904 * 56.87 / 15 * 25	$90,833
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.33 * 27899.86 / 60 * 25	$3,836
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $604,753 + $90,833 + $3,836	$699,422

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-652-010

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.54	Segment Length	0.54
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
MAIN ST TO TH 169	Termini	MAIN ST TO TH 169
2650	Present AADT	2650
2015	Year of Count	2015
1	Projection Factor	1
2650	Projected Traffic	2650
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1990	Latest Year SA funds	1990
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
194773C	USDOT Number	194773C
0.5	Located at Milepoint	0.5
1	Mainline Tracks	1
NONE	Protection Type	NONE
0	Last Year Protection Upgraded	0
44	Crossing Length	44
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.54 * 3824526.1 / 60 * 25 * 1.15	$989,596
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.54 * 2904 * 56.87 / 15 * 25	$148,635
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.54 * 27899.86 / 60 * 25	$6,277
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	0 / 25 * 25	$0
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	44 * 1350 / 25 * 25	$59,400
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $989,596 + $148,635 + $6,277 + $0 + $59,400	$1,203,908

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-653-010

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
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
14TH ST TO 7TH ST	Termini	14TH ST TO 7TH ST
860	Present AADT	860
2015	Year of Count	2015
1	Projection Factor	1
860	Projected Traffic	860
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
2003 - CHANGED CURB & GUTTER LENGTH TO 5280 LF	Comments	2003 - CHANGED CURB & GUTTER LENGTH TO 5280 LF
2004 - RECONSTRUCTED IN 2004 SAP 22-653-06 FINAL BIT SURFACE TO BE PLACED IN 2005		2004 - RECONSTRUCTED IN 2004 SAP 22-653-06 FINAL BIT SURFACE TO BE PLACED IN 2005
2005 - PLACED 1.5" BIT WEARING COURSE		2005 - PLACED 1.5" BIT WEARING COURSE
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.5 * 3824526.1 / 60 * 25 * 1.15	$916,293
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.5 * 2904 * 56.87 / 15 * 25	$137,625
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.5 * 27899.86 / 60 * 25	$5,812
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $916,293 + $137,625 + $5,812	$1,059,730

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-653-020

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.22	Segment Length	0.22
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
7TH ST & RICE ST TO TH 169	Termini	7TH ST & RICE ST TO TH 169
3550	Present AADT	3550
2015	Year of Count	2015
1	Projection Factor	1
3550	Projected Traffic	3550
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1997	Latest Year SA funds	1997
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013-ROUNDABOUT CONSTRUCTED AT TH 169 COUNTY SHARE 022-653-007	Comments	2013-ROUNDABOUT CONSTRUCTED AT TH 169 COUNTY SHARE 022-653-007
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
194779T	USDOT Number	194779T
0.1	Located at Milepoint	0.1
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
2002	Last Year Protection Upgraded	2002
78	Crossing Length	78
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
NEW SIGNALS INSTALLED IN 2001.	Comments	NEW SIGNALS INSTALLED IN 2001.

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.22 * 3824526.1 / 60 * 25 * 1.15	$403,169
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.22 * 2904 * 56.87 / 15 * 25	$60,555
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.22 * 27899.86 / 60 * 25	$2,557
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	325000 / 25 * 25	$325,000
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	78 * 1350 / 25 * 25	$105,300

Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface**	**$0 + $403,169 + $60,555 + $2,557 + $325,000 + $105,300**	**$896,581**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-654-010

Original		Current
WINNEBAGO	Municipality	WINNEBAGO
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
MAIN ST TO NE 4TH ST (FORMERLY 300 EAST ST)	Termini	MAIN ST TO NE 4TH ST (FORMERLY 300 EAST ST)
390	Present AADT	390
2015	Year of Count	2015
1	Projection Factor	1
390	Projected Traffic	390
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
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
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.3 * 3824526.1 / 60 * 25 * 1.15	$549,776
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.3 * 2904 * 56.87 / 15 * 25	$82,575
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.3 * 27899.86 / 60 * 25	$3,487
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $549,776 + $82,575 + $3,487	$635,838

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-654-030

Original		Current
WINNEBAGO	Municipality	WINNEBAGO
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
NE 1ST AVE TO 3RD AVE	Termini	NE 1ST AVE TO 3RD AVE
250	Present AADT	250
2015	Year of Count	2015
1	Projection Factor	1
250	Projected Traffic	250
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1998	Latest Year SA funds	1998
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - COMBINED WITH SEGMENT 22-654-020	Comments	2005 - COMBINED WITH SEGMENT 22-654-020
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380827S	USDOT Number	380827S
0.33	Located at Milepoint	0.33
2	Mainline Tracks	2
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
43	Crossing Length	43
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.35 * 3824526.1 / 60 * 25 * 1.15	$641,405
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.35 * 2904 * 56.87 / 15 * 25	$96,338
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.35 * 27899.86 / 60 * 25	$4,069
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	43 * 1350 / 25 * 25	$58,050
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $641,405 + $96,338 + $4,069 + $1,500 + $58,050	$801,362

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-654-040

Original		Current
WINNEBAGO	Municipality	WINNEBAGO
0.25	Segment Length	0.25
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
SE 3RD AVE (FORMERLY 300 S AVE) TO TH 109	Termini	SE 3RD AVE (FORMERLY 300 S AVE) TO TH 109
250	Present AADT	250
2015	Year of Count	2015
1	Projection Factor	1
250	Projected Traffic	250
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
RECONSTRUCTED IN 2003 BY SMC. FINAL WEARING COURSE TO BE PLACED IN 2004.	Comments	RECONSTRUCTED IN 2003 BY SMC. FINAL WEARING COURSE TO BE PLACED IN 2004.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.25 * 893911.9 / 60 * 25 * 1.1	$102,427
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.25 * 2112 * 56.87 / 20 * 25	$37,534
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.25 * 88125.9 / 60 * 25	$9,180
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $102,427 + $37,534 + $9,180	$149,141

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-655-010

Original		Current
FROST	Municipality	FROST
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 254 TO 0.12 MI E	Termini	TH 254 TO 0.12 MI E
210	Present AADT	210
2015	Year of Count	2015
1	Projection Factor	1
210	Projected Traffic	210
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
2006 - 1" OVERLAY PAID WITH LOCAL FUNDS	Comments	2006 - 1" OVERLAY PAID WITH LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.12 * 893911.9 / 60 * 25 * 1.1	$49,165
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.12 * 2112 * 56.87 / 20 * 25	$18,016
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.12 * 88125.9 / 60 * 25	$4,406
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $49,165 + $18,016 + $4,406	$71,587

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-655-020

Original		Current
FROST	Municipality	FROST
0.09	Segment Length	0.09
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.12 MI E TH 254 TO MAIN ST	Termini	0.12 MI E TH 254 TO MAIN ST
210	Present AADT	210
2015	Year of Count	2015
1	Projection Factor	1
210	Projected Traffic	210
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - CHANGED CURB & GUTTER LENGTH TO 950 LF	Comments	2003 - CHANGED CURB & GUTTER LENGTH TO 950 LF
2006 - PLACED 1" OVERLAY - PAID FOR WITH LOCAL FUNDS		2006 - PLACED 1" OVERLAY - PAID FOR WITH LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.09 * 3824526.1 / 60 * 25 * 1.15	$164,933
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.09 * 2904 * 56.87 / 15 * 25	$24,773
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.09 * 27899.86 / 60 * 25	$1,046
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $164,933 + $24,773 + $1,046	$190,752

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-655-030

Original		Current
FROST	Municipality	FROST
0.22	Segment Length	0.22
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
1ST ST TO 4TH ST	Termini	1ST ST TO 4TH ST
205	Present AADT	205
2015	Year of Count	2015
1	Projection Factor	1
205	Projected Traffic	205
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2007 - PLACED 1" OVERLAY PAID FOR WITH LOCAL FUNDS	Comments	2007 - PLACED 1" OVERLAY PAID FOR WITH LOCAL FUNDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.22 * 3824526.1 / 60 * 25 * 1.15	$403,169
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.22 * 2904 * 56.87 / 15 * 25	$60,555
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.22 * 27899.86 / 60 * 25	$2,557
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $403,169 + $60,555 + $2,557	$466,281

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-655-040**

Original		Current
FROST	Municipality	FROST
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
MAIN ST TO JCT TH 254 ON 4TH STREET	Termini	MAIN ST TO JCT TH 254 ON 4TH STREET
460	Present AADT	460
2015	Year of Count	2015
1	Projection Factor	1
460	Projected Traffic	460
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2010 - ADDED SEGMENT CSAH 55	Comments	2010 - ADDED SEGMENT CSAH 55
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 3824526.1 / 60 * 25 * 1.15	$366,517
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2904 * 56.87 / 15 * 25	$55,050
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 27899.86 / 60 * 25	$2,325
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $366,517 + $55,050 + $2,325	$423,892

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-656-010

Original		Current
BRICELYN	Municipality	BRICELYN
0.36	Segment Length	0.36
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 2 TO 4TH ST	Termini	CSAH 2 TO 4TH ST
480	Present AADT	480
2015	Year of Count	2015
1	Projection Factor	1
480	Projected Traffic	480
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014-ADDED UNION PACIFIC RAILROAD CROSSING	Comments	2014-ADDED UNION PACIFIC RAILROAD CROSSING
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
UNION PACIFIC RAILROAD	RailRoad Name	UNION PACIFIC RAILROAD
195400G	USDOT Number	195400G
0.2	Located at Milepoint	0.2
0	Mainline Tracks	0
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
60	Crossing Length	60
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.36 * 3824526.1 / 60 * 25 * 1.15	$659,731
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.36 * 2904 * 56.87 / 15 * 25	$99,090
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.36 * 27899.86 / 60 * 25	$4,185
RR Crossing Protection	UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	1500 / 25 * 25	$1,500
RR Crossing Surface	SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear	60 * 1350 / 25 * 25	$81,000
Total Segment Cost	Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface	$0 + $659,731 + $99,090 + $4,185 + $1,500 + $81,000	$845,506

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-657-010

Original		Current
BRICELYN	Municipality	BRICELYN
0.21	Segment Length	0.21
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
MAIN ST TO TH 253	Termini	MAIN ST TO TH 253
200	Present AADT	200
2015	Year of Count	2015
1	Projection Factor	1
200	Projected Traffic	200
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1974	Latest Year SA funds	1974
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - ADDED CURB & GUTTER NEEDS - 2218 LF	Comments	2003 - ADDED CURB & GUTTER NEEDS - 2218 LF
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.21 * 3824526.1 / 60 * 25 * 1.15	$384,843
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.21 * 2904 * 56.87 / 15 * 25	$57,803
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.21 * 27899.86 / 60 * 25	$2,441
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $384,843 + $57,803 + $2,441	$445,087

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-658-010

Original		Current
KIESTER	Municipality	KIESTER
0.15	Segment Length	0.15
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
ROBERT ST TO STATE ST	Termini	ROBERT ST TO STATE ST
480	Present AADT	480
2015	Year of Count	2015
1	Projection Factor	1
480	Projected Traffic	480
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2001	Latest Year SA funds	2001
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
ROAD CONSTRUCTED BY SORENSON'S IN 2001; PLACE FINAL LIFT OF BITUMINOUS IN 2002 FINAL WEARING COURSE PLACED IN 2002. ALL ONE CONTRACT LET IN 2001	Comments	ROAD CONSTRUCTED BY SORENSON'S IN 2001; PLACE FINAL LIFT OF BITUMINOUS IN 2002 FINAL WEARING COURSE PLACED IN 2002. ALL ONE CONTRACT LET IN 2001
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.15 * 3824526.1 / 60 * 25 * 1.15	$274,888
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.15 * 2904 * 56.87 / 15 * 25	$41,288
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.15 * 27899.86 / 60 * 25	$1,744
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $274,888 + $41,288 + $1,744	$317,920

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-658-011

Original		Current
KIESTER	Municipality	KIESTER
0.05	Segment Length	0.05
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
STATE ST TO FRONT ST	Termini	STATE ST TO FRONT ST
400	Present AADT	400
2015	Year of Count	2015
1	Projection Factor	1
400	Projected Traffic	400
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2001	Latest Year SA funds	2001
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
THIS SEGMENT WAS GRADED IN 2001. FINAL LIFT OF BITUMINOUS TO BE PLACED IN 2002.	Comments	THIS SEGMENT WAS GRADED IN 2001. FINAL LIFT OF BITUMINOUS TO BE PLACED IN 2002.
WEARING COURSE PLACED IN 2002		WEARING COURSE PLACED IN 2002
ALL ONE CONTRACT LET IN 2001		ALL ONE CONTRACT LET IN 2001
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.05 * 3824526.1 / 60 * 25 * 1.15	$91,629
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.05 * 2904 * 56.87 / 15 * 25	$13,763
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.05 * 27899.86 / 60 * 25	$581
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $91,629 + $13,763 + $581	$105,973

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-658-020**

Original		Current
KIESTER	Municipality	KIESTER
0.22	Segment Length	0.22
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
MAIN ST TO 1ST ST (TH 22)	Termini	MAIN ST TO 1ST ST (TH 22)
400	Present AADT	400
2015	Year of Count	2015
1	Projection Factor	1
400	Projected Traffic	400
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1978	Latest Year SA funds	1978
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - ADDED COMPLETE STORM SEWER NEEDS	Comments	2003 - ADDED COMPLETE STORM SEWER NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.22 * 3824526.1 / 60 * 25 * 1.15	$403,169
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.22 * 2904 * 56.87 / 15 * 25	$60,555
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.22 * 27899.86 / 60 * 25	$2,557
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $403,169 + $60,555 + $2,557	$466,281

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	FARIBAULT	Segment Nbr : 022-659-010

Original		Current
WALTERS	Municipality	WALTERS
0.2	Segment Length	0.2
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 30 TO 3RD ST	Termini	CSAH 30 TO 3RD ST
280	Present AADT	280
2015	Year of Count	2015
1	Projection Factor	1
280	Projected Traffic	280
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2012	Latest Year SA funds	2012
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - CHANGED CURB & GUTTER LENGTH TO 2112 LF 2012 - SAP 022-659-001 M&OL	Comments	2003 - CHANGED CURB & GUTTER LENGTH TO 2112 LF 2012 - SAP 022-659-001 M&OL
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.2 * 3824526.1 / 60 * 25 * 1.15	$366,517
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.2 * 2904 * 56.87 / 15 * 25	$55,050
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.2 * 27899.86 / 60 * 25	$2,325
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $366,517 + $55,050 + $2,325	$423,892

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-660-010

Original		Current
WELLS	Municipality	WELLS
0.14	Segment Length	0.14
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 22 TO BROADWAY AVE ON 7TH ST	Termini	TH 22 TO BROADWAY AVE ON 7TH ST
795	Present AADT	795
2015	Year of Count	2015
1	Projection Factor	1
795	Projected Traffic	795
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1989	Latest Year SA funds	1989
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.14 * 3824526.1 / 60 * 25 * 1.15	$256,562
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.14 * 2904 * 56.87 / 15 * 25	$38,535
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.14 * 27899.86 / 60 * 25	$1,627
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $256,562 + $38,535 + $1,627	$296,724

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-660-020

Original		Current
WELLS	Municipality	WELLS
0.27	Segment Length	0.27
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
7TH ST SW TO 3RD ST SW	Termini	7TH ST SW TO 3RD ST SW
510	Present AADT	510
2015	Year of Count	2015
1	Projection Factor	1
510	Projected Traffic	510
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1987	Latest Year SA funds	1987
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 - SEGMENT IS IN WELLS, NOT WALTERS	Comments	2014 - SEGMENT IS IN WELLS, NOT WALTERS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.27 * 3824526.1 / 60 * 25 * 1.15	$494,798
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.27 * 2904 * 56.87 / 15 * 25	$74,318
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.27 * 27899.86 / 60 * 25	$3,139
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $494,798 + $74,318 + $3,139	$572,255

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-660-030

Original		Current
WELLS	Municipality	WELLS
0.08	Segment Length	0.08
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
3RD ST SW TO 2ND ST SW	Termini	3RD ST SW TO 2ND ST SW
1750	Present AADT	1750
2015	Year of Count	2015
1	Projection Factor	1
1750	Projected Traffic	1750
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
	Comments	
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.08 * 3824526.1 / 60 * 25 * 1.15	$146,607
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.08 * 2904 * 56.87 / 15 * 25	$22,020
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.08 * 27899.86 / 60 * 25	$930
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $146,607 + $22,020 + $930	$169,557

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-660-040

Original		Current
WELLS	Municipality	WELLS
0.14	Segment Length	0.14
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
2ND ST SW TO FRANKLIN ST	Termini	2ND ST SW TO FRANKLIN ST
1750	Present AADT	1750
2015	Year of Count	2015
1	Projection Factor	1
1750	Projected Traffic	1750
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1982	Latest Year SA funds	1982
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2007 - GRADING NEEDS REINSTATED	Comments	2007 - GRADING NEEDS REINSTATED
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.14 * 3824526.1 / 60 * 25 * 1.15	$256,562
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.14 * 2904 * 56.87 / 15 * 25	$38,535
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.14 * 27899.86 / 60 * 25	$1,627
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $256,562 + $38,535 + $1,627	$296,724

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-660-050

Original		Current
WELLS	Municipality	WELLS
0.15	Segment Length	0.15
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
FRANKLIN ST TO 2ND ST NW (CSAH 62)	Termini	FRANKLIN ST TO 2ND ST NW (CSAH 62)
1750	Present AADT	1750
2015	Year of Count	2015
1	Projection Factor	1
1750	Projected Traffic	1750
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - ADDED COMPLETE STORM SEWER NEEDS	Comments	2003 - ADDED COMPLETE STORM SEWER NEEDS
2006 - ADDED SIGNALS AND GATES AT RAILROAD CROSSING		2006 - ADDED SIGNALS AND GATES AT RAILROAD CROSSING
	Interchange Override	
	Segment Override	

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
380788D	USDOT Number	380788D
0.02	Located at Milepoint	0.02
1	Mainline Tracks	1
SIGNALS & GATES	Protection Type	SIGNALS & GATES
2006	Last Year Protection Upgraded	2006
98	Crossing Length	98
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

RailRoadCrossing Information

Status: Original

Original		Current
DAKOTA, MINNESOTA AND EASTERN RAILROAD	RailRoad Name	DAKOTA, MINNESOTA AND EASTERN RAILROAD
380789K	USDOT Number	380789K
0.04	Located at Milepoint	0.04
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
0	Last Year Protection Upgraded	0
76	Crossing Length	76
0	Last Year Surfaced	0
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result

Signal Leg	**TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear**	**0 * 56250 / 40 * 25**	**$0**
Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**0.15 * 3824526.1 / 60 * 25 * 1.15**	**$274,888**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**0.15 * 2904 * 56.87 / 15 * 25**	**$41,288**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**0.15 * 27899.86 / 60 * 25**	**$1,744**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**325000 / 25 * 25**	**$325,000**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**98 * 1350 / 25 * 25**	**$132,300**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**76 * 1350 / 25 * 25**	**$102,600**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + RR Crossing Protection + RR Crossing Surface + RR Crossing Protection + RR Crossing Surface**	**$0 + $274,888 + $41,288 + $1,744 + $325,000 + $132,300 + $1,500 + $102,600**	**$879,320**

SANEEDS - CSAH - Segment Report

Roadway Segment Information		Status : Original
County Name :	**FARIBAULT**	**Segment Nbr : 022-661-010**

Original		Current
WELLS	Municipality	WELLS
0.14	Segment Length	0.14
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 22 TO BROADWAY AVE (CSAH 60)	Termini	TH 22 TO BROADWAY AVE (CSAH 60)
1000	Present AADT	1000
2015	Year of Count	2015
1	Projection Factor	1
1000	Projected Traffic	1000
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1984	Latest Year SA funds	1984
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2009 - GRADING NEEDS REINSTATED	Comments	2009 - GRADING NEEDS REINSTATED
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.14 * 3824526.1 / 60 * 25 * 1.15	$256,562
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.14 * 2904 * 56.87 / 15 * 25	$38,535
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.14 * 27899.86 / 60 * 25	$1,627
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $256,562 + $38,535 + $1,627	$296,724

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-662-010

Original		Current
WELLS	Municipality	WELLS
0.15	Segment Length	0.15
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
TH 22 TO BROADWAY	Termini	TH 22 TO BROADWAY
770	Present AADT	770
2015	Year of Count	2015
1	Projection Factor	1
770	Projected Traffic	770
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 - RECONSTRUCTED UNDER SAP 022-662-004	Comments	2013 - RECONSTRUCTED UNDER SAP 022-662-004
2003 - ADDED STORM SEWER AND CURB & GUTTER NEEDS		2003 - ADDED STORM SEWER AND CURB & GUTTER NEEDS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.15 * 3824526.1 / 60 * 25 * 1.15	$274,888
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.15 * 2904 * 56.87 / 15 * 25	$41,288
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.15 * 27899.86 / 60 * 25	$1,744
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $274,888 + $41,288 + $1,744	$317,920

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-662-020

Original		Current
WELLS	Municipality	WELLS
0.37	Segment Length	0.37
PORT CEMENT CONC	Existing Surface Type	PORT CEMENT CONC
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
N BROADWAY TO CSAH 32/TH 109	Termini	N BROADWAY TO CSAH 32/TH 109
770	Present AADT	770
2015	Year of Count	2015
1	Projection Factor	1
770	Projected Traffic	770
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2013	Latest Year SA funds	2013
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2013 - RECONSTRUCTED UNDER SAP 22-662-004 2003 - ADDED COMPLETE STORM SEWER AND CURB & GUTTER NEEDS 2004 - COMBINED WITH SEGMENT 662-30 AND FIGURED A WEIGHTED AVERAGE BETWEEN 662-20 AND 662-30 FOR THE GRADING COST ESTIMATE ALSO ADDED THE RAILROAD CROSSING FROM SEGMENT 662-30 AND CHANGED THE RAILROAD TO THE IOWA, CHICAGO AND EASTERN.	Comments	2013 - RECONSTRUCTED UNDER SAP 22-662-004 2003 - ADDED COMPLETE STORM SEWER AND CURB & GUTTER NEEDS 2004 - COMBINED WITH SEGMENT 662-30 AND FIGURED A WEIGHTED AVERAGE BETWEEN 662-20 AND 662-30 FOR THE GRADING COST ESTIMATE ALSO ADDED THE RAILROAD CROSSING FROM SEGMENT 662-30 AND CHANGED THE RAILROAD TO THE IOWA, CHICAGO AND EASTERN.
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.37 * 3824526.1 / 60 * 25 * 1.15	$678,057
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.37 * 2904 * 56.87 / 15 * 25	$101,843
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.37 * 27899.86 / 60 * 25	$4,301
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $678,057 + $101,843 + $4,301	$784,201

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-663-010

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
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 16 TO 0.12 MI NO	Termini	TH 16 TO 0.12 MI NO
640	Present AADT	640
2015	Year of Count	2015
1	Projection Factor	1
640	Projected Traffic	640
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
2003 - CHANGED CURB & GUTTER LENGTH TO 1267 LF 2014- CHANGED SURFACE TO BITUMINOUS	Comments	2003 - CHANGED CURB & GUTTER LENGTH TO 1267 LF 2014- CHANGED SURFACE TO BITUMINOUS
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.12 * 893911.9 / 60 * 25 * 1.1	$49,165
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.12 * 2112 * 56.87 / 20 * 25	$18,016
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.12 * 88125.9 / 60 * 25	$4,406
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $49,165 + $18,016 + $4,406	$71,587

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-663-020

Original		Current
BLUE EARTH	Municipality	BLUE EARTH
0.57	Segment Length	0.57
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.12 MI N OF W JCT CSAH 16 TO E JCT CSAH 16 (INDUSTRIAL DRIVE TO COMMERCE ST TO CASH 16)	Termini	0.12 MI N OF W JCT CSAH 16 TO E JCT CSAH 16 (INDUSTRIAL DRIVE TO COMMERCE ST TO CASH 16)
640	Present AADT	640
2015	Year of Count	2015
1	Projection Factor	1
640	Projected Traffic	640
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1980	Latest Year SA funds	1980
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - NEEDS REINSTATED 2013-CLARIFIED TERMINI	Comments	2005 - NEEDS REINSTATED 2013-CLARIFIED TERMINI
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.57 * 3824526.1 / 60 * 25 * 1.15	$1,044,574
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.57 * 2904 * 56.87 / 15 * 25	$156,893
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.57 * 27899.86 / 60 * 25	$6,626
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $1,044,574 + $156,893 + $6,626	$1,208,093

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-669-010

Original		Current
EASTON	Municipality	EASTON
0.46	Segment Length	0.46
MIXED BITUMINOUS	Existing Surface Type	MIXED BITUMINOUS
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
S LIM EASTON TO CEDAR AND 2ND	Termini	S LIM EASTON TO CEDAR AND 2ND
380	Present AADT	380
2015	Year of Count	2015
1	Projection Factor	1
380	Projected Traffic	380
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
2000	Latest Year SA funds	2000
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
STREET RECONSTRUCTED BY SMC IN 2000	Comments	STREET RECONSTRUCTED BY SMC IN 2000
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.46 * 3824526.1 / 60 * 25 * 1.15	$842,989
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.46 * 2904 * 56.87 / 15 * 25	$126,615
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.46 * 27899.86 / 60 * 25	$5,347
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $842,989 + $126,615 + $5,347	$974,951

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT **Segment Nbr : 022-669-015**

Original		Current
EASTON	Municipality	EASTON
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
CEDAR AND 2ND TO CO RD 115	Termini	CEDAR AND 2ND TO CO RD 115
380	Present AADT	380
2015	Year of Count	2015
1	Projection Factor	1
380	Projected Traffic	380
URBAN	Design Type	URBAN
5 - URBAN : 0 - 9999	Design Group	5 (URBAN : 0 - 9999)
1976	Latest Year SA funds	1976
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2003 - ADDED CURB & GUTTER NEEDS - 845 LF	Comments	2003 - ADDED CURB & GUTTER NEEDS - 845 LF
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.08 * 3824526.1 / 60 * 25 * 1.15	$146,607
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.08 * 2904 * 56.87 / 15 * 25	$22,020
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.08 * 27899.86 / 60 * 25	$930
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $146,607 + $22,020 + $930	$169,557

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-669-020

Original		Current
EASTON	Municipality	EASTON
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
CO RD 115 TO CSAH 19	Termini	CO RD 115 TO CSAH 19
210	Present AADT	210
2015	Year of Count	2015
1	Projection Factor	1
210	Projected Traffic	210
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
1980	Latest Year SA funds	1980
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2005 - NEEDS REINSTATED ON ROAD AND ALSO ON BRIDGE 22523	Comments	2005 - NEEDS REINSTATED ON ROAD AND ALSO ON BRIDGE 22523
	Interchange Override	
	Segment Override	

Bridge Information

Status: Original

Original		Current
22523	Structure Number	22523
0.61	Milepoint	0.61
1970	Year Built	1970
DITCH	Feature Crossed	DITCH
STREAM CROSSING	Type of Service	STREAM CROSSING
3	Number of Spans	3
55.3	Bridge Length	55.3
32.5	Bridge Width	32.5
100%	Shared Structure	100%
	Comments	
1 (0-149)	Bridge Group Code	1 (0-149)

RailRoadCrossing Information

Status: Original

Original		Current
CANADIAN PACIFIC RAILWAY	RailRoad Name	CANADIAN PACIFIC RAILWAY
380805S	USDOT Number	380805S
0.3	Located at Milepoint	0.3
1	Mainline Tracks	1
SIGNS ONLY	Protection Type	SIGNS ONLY
	Last Year Protection Upgraded	
46	Crossing Length	46
	Last Year Surfaced	
100%	Percentage of Cost	100%
	Comments	

Segment Cost Information

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

Construction	**Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**0.35 * 893911.9 / 60 * 25 * 1.1**	**$143,398**
Preservation	**Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear**	**0.35 * 2112 * 56.87 / 20 * 25**	**$52,548**
ROW	**Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear**	**0.35 * 88125.9 / 60 * 25**	**$12,852**
Bridge	**BridgeLength * BridgeWidth * UnitCost / BridgeLifeCycle * StatutoryNeedsYear * DevelopmentCost**	**55.3 * 32.5 * 163 / 80 * 25 * 1.15**	**$105,280**
RR Crossing Protection	**UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**1500 / 25 * 25**	**$1,500**
RR Crossing Surface	**SurfaceLength * UnitCost / RRCrossingLifeCycle * StatutoryNeedsYear**	**46 * 1350 / 25 * 25**	**$62,100**
Total Segment Cost	**Signal Leg + Construction + Preservation + ROW + Bridge + RR Crossing Protection + RR Crossing Surface**	**$0 + $143,398 + $52,548 + $12,852 + $105,280 + $1,500 + $62,100**	**$377,678**

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-703-100

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.26	Segment Length	0.26
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 6 TO 0.14 MI W OF TH 169	Termini	CSAH 6 TO 0.14 MI W OF TH 169
100	Present AADT	100
2015	Year of Count	2015
1	Projection Factor	1
100	Projected Traffic	100
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
2010 - NEW SEGMENT ADDED CSAH 103	Comments	2010 - NEW SEGMENT ADDED CSAH 103
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.26 * 446955.95 / 60 * 25 * 1.1	$53,262
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.26 * 546 * 10.01 / 2 * 25	$17,763
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.26 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$53,262 + $17,763 + $0	$71,025

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-703-110

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
0.14	Segment Length	0.14
BIT CONC OR ASPH	Existing Surface Type	BIT CONC OR ASPH
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
0.14 MI W OF TH 169 TO TH 169	Termini	0.14 MI W OF TH 169 TO TH 169
100	Present AADT	100
2015	Year of Count	2015
1.6	Projection Factor	1.6
160	Projected Traffic	160
RURAL	Design Type	RURAL
2 - RURAL : 150 - 1499	Design Group	2 (RURAL : 150 - 1499)
0	Latest Year SA funds	0
0	Number of Signal Legs	0
No Special Message	Special Message Code	No Special Message
2014 PAVING - NO STATE AID FUNDS WERE USED	Comments	2014 PAVING - NO STATE AID FUNDS WERE USED
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Signal Leg	TrafficSignalLegs * UnitCost / SignalLifeCycle * StatutoryNeedsYear	0 * 56250 / 40 * 25	$0
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	0.14 * 893911.9 / 60 * 25 * 1.1	$57,359
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	0.14 * 2112 * 56.87 / 20 * 25	$21,019
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	0.14 * 88125.9 / 60 * 25	$5,141
Total Segment Cost	Signal Leg + Construction + Preservation + ROW	$0 + $57,359 + $21,019 + $5,141	$83,519

SANEEDS - CSAH - Segment Report

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-710-100

Original		Current
Unassigned/Unknown	Municipality	Unassigned/Unknown
1.7	Segment Length	1.7
AGGREGATE SURF	Existing Surface Type	AGGREGATE SURF
2	Existing Surface Lanes	2
NOT DIVIDED	Existing Lane Description	NOT DIVIDED
CSAH 13 TO CSAH 15	Termini	CSAH 13 TO CSAH 15
60	Present AADT	60
2015	Year of Count	2015
1	Projection Factor	1
60	Projected Traffic	60
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
2010 - ADDED SEGMENT CSAH 110	Comments	2010 - ADDED SEGMENT CSAH 110
	Interchange Override	
	Segment Override	

Segment Cost Information

Computation Factor	Computation Formula	Values Used For Calculation	Computation Result
Construction	Length * UnitCost / ConstrLifeCycle * StatutoryNeedsYear * DevelopmentCost	1.7 * 446955.95 / 60 * 25 * 1.1	$348,253
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	1.7 * 546 * 10.01 / 2 * 25	$116,141
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	1.7 * 0 / 60 * 25	$0
Total Segment Cost	Construction + Preservation + ROW	$348,253 + $116,141 + $0	$464,394

Roadway Segment Information

Status : Original

County Name : FARIBAULT

Segment Nbr : 022-716-100

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
CSAH 13 TO CSAH 17	Termini	CSAH 13 TO CSAH 17
35	Present AADT	35
2015	Year of Count	2015
1	Projection Factor	1
35	Projected Traffic	35
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
2010 - ADDED SEGMENT CSAH 116 AND BRIDGE 89037	Comments	2010 - ADDED SEGMENT CSAH 116 AND BRIDGE 89037
	Interchange Override	
	Segment Override	

Culvert Information

Status: Original

Original		Current
89037	Structure Number	89037
2.1	Milepoint	2.1
1950	Year Built	1950
unnamed stream	Feature Crossed	unnamed stream
STREAM CROSSING	Type of Service	STREAM CROSSING
2	Number of Barrels	2
5	Culvert Width	5
4	Culvert Height	4
25	Culvert Length	25
40	Area of Waterway Opening	40
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 * 446955.95 / 60 * 25 * 1.1	$614,564
Preservation	Length * Quantity * UnitCost / PreservationLifeCycle * StatutoryNeedsYear	3 * 546 * 10.01 / 2 * 25	$204,955
ROW	Length * UnitCost / ROWLifeCycle * StatutoryNeedsYear	3 * 0 / 60 * 25	$0
Culvert	CulvertLength * Area * UnitCost / CulvertLifeCycle * StatutoryNeedsYear * DevelopmentCost	25 * 40 * 16.61 / 100 * 25 * 1.15	$4,775
Total Segment Cost	Construction + Preservation + ROW + Culvert	$614,564 + $204,955 + $0 + $4,775	$824,294