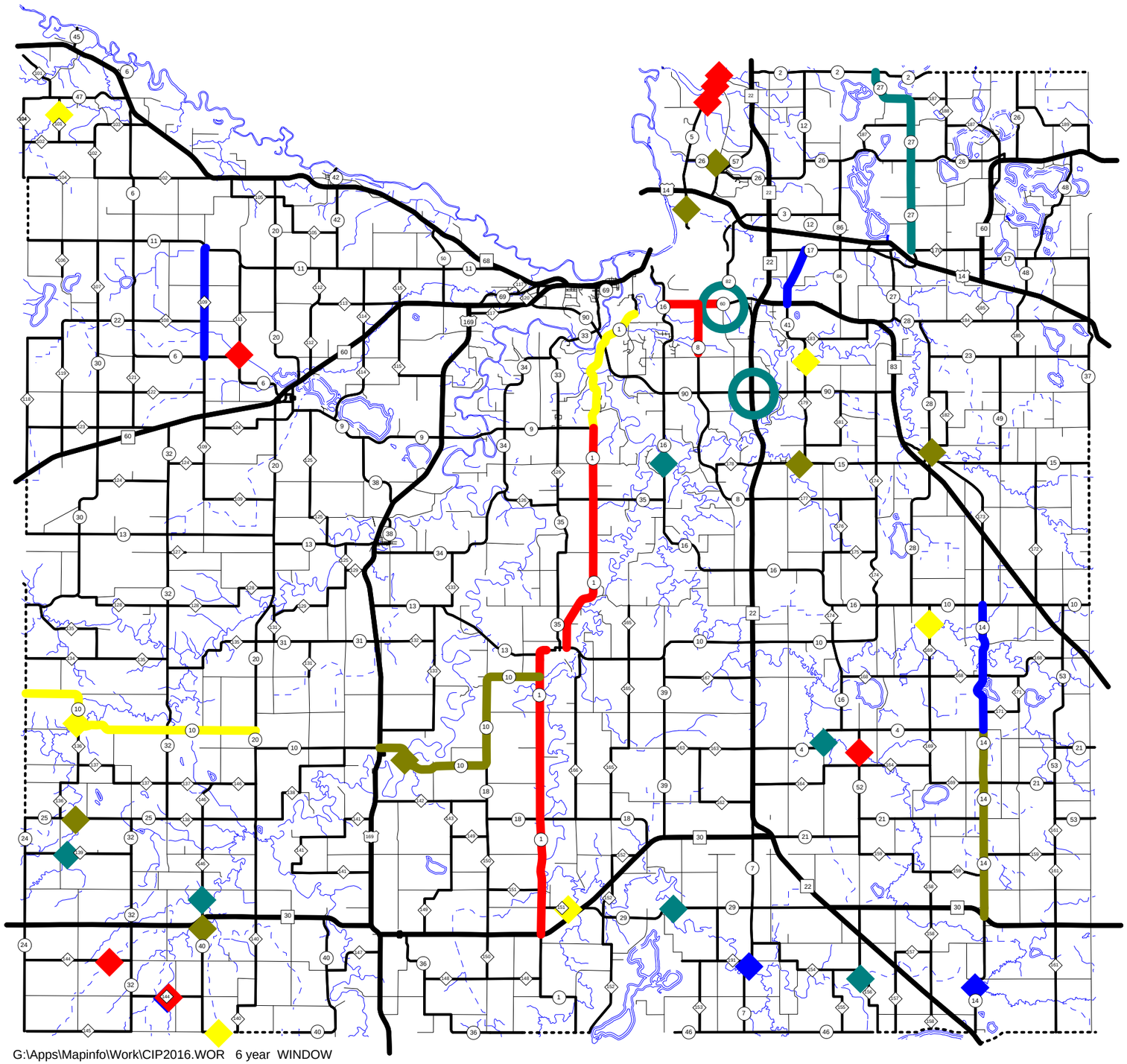
BLUE EARTH COUNTY
HIGHWAY DEPARTMENT
2016 - 2020
CAPITAL IMPROVEMENT PLAN

County Board

	District
Drew Campbell	1
Vance Stuehrenberg	2
Mark Piepho	3
Will Purvis	4
Kip Bruender	5

County Engineer

Alan Forsberg, P.E.



G:\Apps\Mapinfo\Work\CIP2016.WOR 6 year WINDOW

BEC CIP 2016-2020

- 2016
- 2017
- 2018
- 2019
- 2020

Blue Earth County Public Works
Capital Improvement Plan 2016-2020

	2016		2017		2018		2019		2020	
Project Type	**Project**	**Cost**	**Project**	**Cost**	**Project**	**Cost**	**Project**	**Cost**	**Project**	**Cost**
Grading										
	CSAH 1 Good Thunder to CSAH 9 Grade & Pave	$8,600,000	**CSAH 12** Extension TH 83 to CSAH 17 Grade & Pave	$10,500,000	**CSAH 1** CSAH 9 to Mankato Grade	$8,000,000	**CSAH 10** TH 169 to Good Thunder Grade	$4,000,000	**CSAH 27** CSAH 17 to CSAH 2 Grade	$3,600,000
	CSAH 12 Extension from TH 83 to CSAH 17 Design & ROW	$2,650,000	**CSAH 14** CSAH 4 to CSAH 10 Grade	$3,600,000	**CSAH 10** CSAH 20 to West County Line Grade	$4,500,000	**CSAH 14** TH 30 to CSAH 4 Grade	$2,100,000	**CSAH 60** Roundabout with Pohl Road Grade & Pave	$1,000,000
	CSAH 14 CSAH 4 to CSAH 10 Design & ROW	$500,000	**CR 109** CSAH 6 to CSAH 11 Grade	$1,800,000	**CSAH 10** TH 169 to Good Thunder Design & ROW	$1,000,000	**CSAH 27** CSAH 17 to CSAH 2 Design & ROW	$500,000	**CSAH 90** Roundabout with TH 22 Grade & Pave	$1,000,000
	CR 109 CSAH 6 to CSAH 11 Design & ROW	$500,000	**CSAH 1** CSAH 9 to Mankato Design & ROW	$2,000,000	**CSAH 14** TH 30 to CSAH 4 Design & ROW	$500,000				
			CSAH 10 CSAH 20 to West County Line Design & ROW	$600,000						
Paving										
	CSAH 1 TH 30 to Good Thunder	$3,000,000			**CSAH 14** CSAH 4 to CSAH 10	$3,000,000	**CSAH 1** CSAH 9 to Mankato	$2,000,000	**CSAH 10** TH 169 to Good Thunder	$2,300,000
	CSAH 8 (Monks Ave.) Mill and Inlay	$800,000	Highway Safety Improvement Projects	$630,000	**CR 109** CSAH 6 to CSAH 11	$1,800,000	**CSAH 10** CSAH 20 to West County Line	$1,450,000	**CSAH 14** TH 30 to CSAH 4	$1,400,000
	CSAH 60 (Stadium Road) Mill and Inlay	$800,000								
	County Wide Overlays	$4,000,000	**County Wide Overlays**	$3,050,000	**County Wide Overlays**	$1,500,000	**County Wide Overlays**	$800,000	**County Wide Overlays**	$1,950,000
Bridges										
	CSAH 5 Over Ditch # 7240	$200,000	**CSAH 7** Over Maple River # 7151	$600,000	**CSAH 10** Over Perch Creek # 90515	$330,000	**CSAH 5** Over Stream # 90507	$410,000	**CSAH 4** Over Big Cobb River # 07509	$550,000
	CSAH 5 Over Ditch # 7239	$200,000	**CSAH 14** Over stream #90519	$400,000	**CSAH 40** Over Willow Creek # 90535	$505,000	**CSAH 10** Over Blue Earth River # 7150	$1,200,000	**CSAH 16** Over LeSueur River #07512	$1,320,000
	CSAH 5 Over Stream # 07526	$200,000			**CSAH 41** Over LeSueur River # 7274	$2,000,000	**CSAH 15** Over Stream # 90141	$280,000	**CSAH 29** Over Maple River #7190	$670,000
	CSAH 52 Over Big Cobb River # 07501	$500,000			**CR 101** Over Morgan Creek # 07511	$500,000	**CSAH 25** Over Perch Creek # 90529	$250,000	**CR 139** Over Perch Creek # 90571	$380,000
	CR 111 Over Minneopa Creek # 90572	$170,000			**CR 151** Over Rice Creek # 3773	$500,000	**CSAH 26** Over Stream # L8990	$350,000	**CR 146** Over Perch Creek # 90523	$260,000
	CR 144 Over County Ditch # 90581	$170,000			**CR 169** Over Little Cobb #5084	$540,000	**CSAH 28** Over LeSueur River # 7220	$450,000	**CR 156** Over Maple River # 90555	$280,000
	CR 144 Over County Ditch # 90582	$160,000					**CSAH 40** Over Willow Creek #5152	$410,000		
Planning & Miscellaneous	**Planning, Cooperative Projects, Right of Way, & Construction Contingencies**	$1,100,000	**Planning, Cooperative Projects, Right of Way, & Construction Contingencies**	$1,200,000	**Planning, Cooperative Projects, Right of Way, & Construction Contingencies**	$1,000,000	**Planning, Cooperative Projects, Right of Way, & Construction Contingencies**	$1,000,000	**Planning, Cooperative Projects, Right of Way, & Construction Contingencies**	$900,000
	Total for 2016	**$23,550,000**	**Total for 2017**	**$24,380,000**	**Total for 2018**	**$25,675,000**	**Total for 2019**	**$15,200,000**	**Total for 2020**	**$15,610,000**

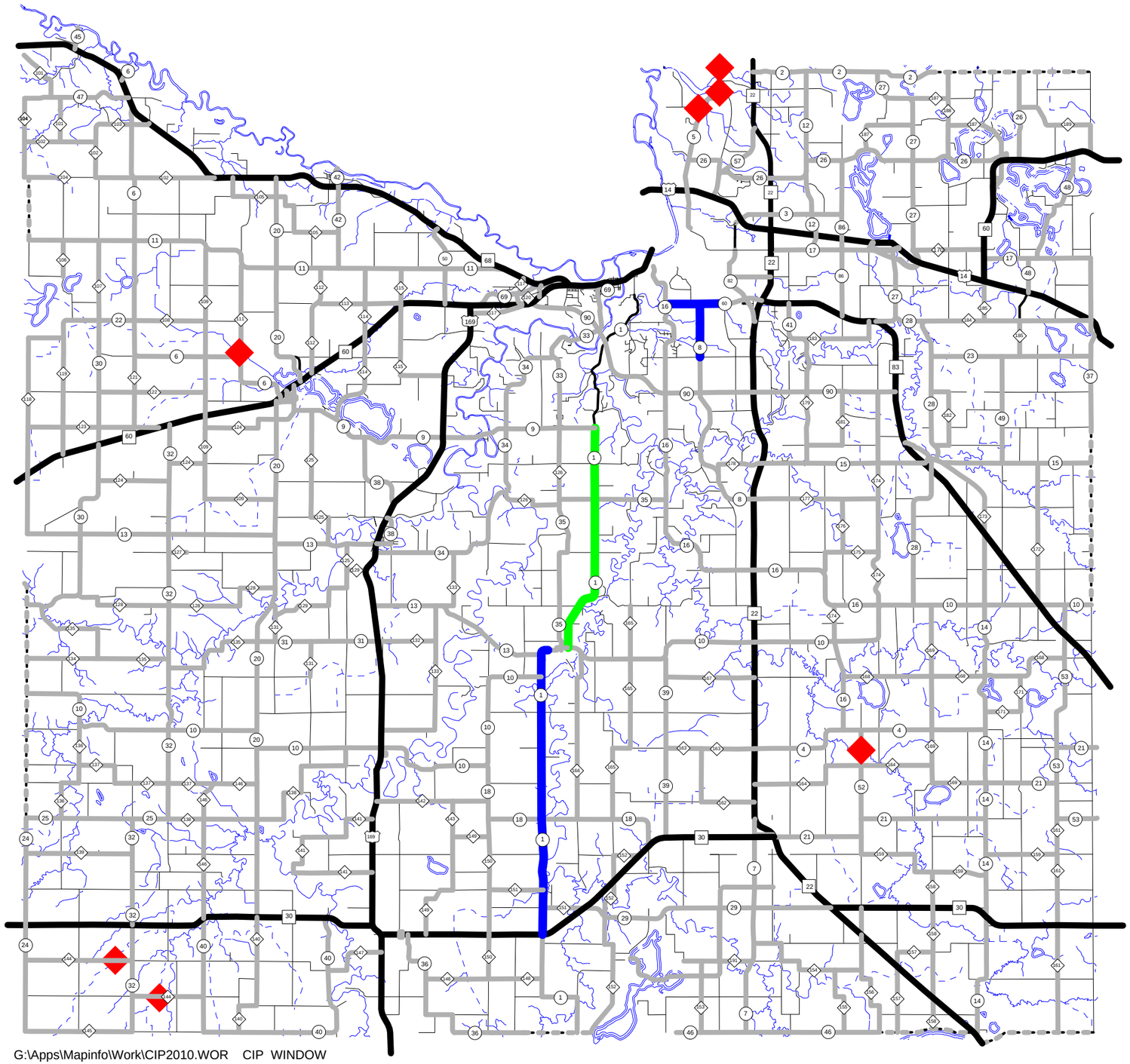
Available Funding	**2016**	**Available Funding**	**2017**	**Available Funding**	**2018**	**Available Funding**	**2019**	**Available Funding**	**2020**
CSAH Regular	$5,200,000	CSAH Regular	$5,200,000	CSAH Regular	$5,230,000	CSAH Regular	$5,200,000	CSAH Regular	$5,500,000
CSAH Municipal		CSAH Municipal		CSAH Municipal		CSAH Municipal		CSAH Municipal	
Federal Regular		Federal Regular	$2,150,000	Federal Regular		Federal Regular		Federal Regular	
Federal Other		Federal Other	$580,000	Federal Other	$1,200,000	Federal Other		Federal Other	
State TH or State Bonds	$11,750,000	State TH or State Bonds	$3,000,000	State TH or State Bonds	$10,980,000	State TH or State Bonds	$4,835,000	State TH or State Bonds	$3,380,000
Town Bridge		Town Bridge		Town Bridge		Town Bridge		Town Bridge	
Township/City		Township/City	$360,000	Township/City		Township/City		Township/City	$500,000
Sales Tax	$4,500,000	Sales Tax	$6,000,000	Sales Tax	$6,000,000	Sales Tax	$6,000,000	Sales Tax	$6,800,000
		Sales Tax Advance	$6,600,000	Sales Tax Advance	$1,700,000	Sales Tax Pay Back	($2,000,000)	Sales Tax Pay Back	($2,000,000)
County Road and Bridge	$2,436,000	County	$1,000,000	County	$1,000,000	County	$1,200,000	County	$1,500,000
Total	**$23,886,000**	**Total**	**$24,890,000**	**Total**	**$26,110,000**	**Total**	**$15,235,000**	**Total**	**$15,680,000**

BLUE EARTH COUNTY

2016 CAPITAL IMPROVEMENT PROJECTS

	2016	
Project Type	**Project**	**Cost**
Grading		
	CSAH 1 Good Thunder to CSAH 9 Grade & Pave	$8,600,000
	CSAH 12 Extension from TH 83 to CSAH 17 Design & ROW	$2,650,000
	CSAH 14 CSAH 4 to CSAH 10 Design & ROW	$500,000
	CR 109 CSAH 6 to CSAH 11 Design & ROW	$500,000
Paving		
	CSAH 1 TH 30 to Good Thunder	$3,000,000
	CSAH 8 (Monks Ave.) Mill and Inlay	$800,000
	CSAH 60 (Stadium Road) Mill and Inlay	$800,000
	County Wide Overlays	$4,000,000
Bridges		
	CSAH 5 Over Ditch # 7240	$200,000
	CSAH 5 Over Ditch # 7239	$200,000
	CSAH 5 Over Stream # 07526	$200,000
	CSAH 52 Over Big Cobb River # 07501	$500,000
	CR 111 Over Minneopa Creek # 90572	$170,000
	CR 144 Over County Ditch # 90581	$170,000
	CR 144 Over County Ditch # 90582	$160,000
Planning & Miscellaneous	**Planning, Cooperative Projects, Right of Way, & Construction Contingencies**	$1,100,000
	Total for 2016	**$23,550,000**

Available Funding	**2016**
CSAH Regular	$5,200,000
CSAH Municipal	
Federal Regular	
Federal Other	
State TH or State Bonds	$11,750,000
Town Bridge	
Township/City	
Sales Tax	$4,500,000
County Road and Bridge	$2,436,000
Total	**$23,886,000**



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BEC CIP 2016-2020

2016

N

PAVING JOBS

GRADING JOBS

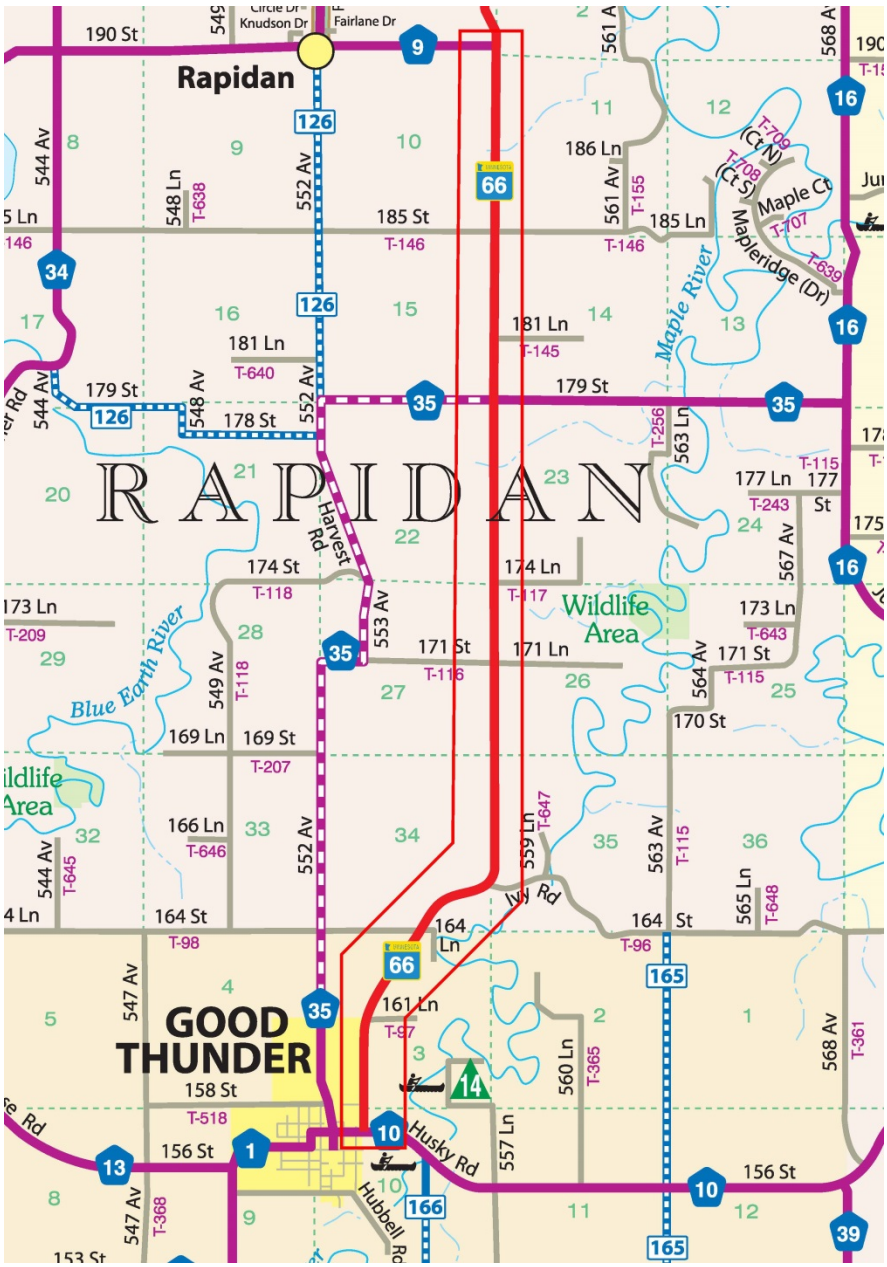
BRIDGE PROJECTS

2/22/2016

2016

CSAH 1 - from Good Thunder to CSAH 9

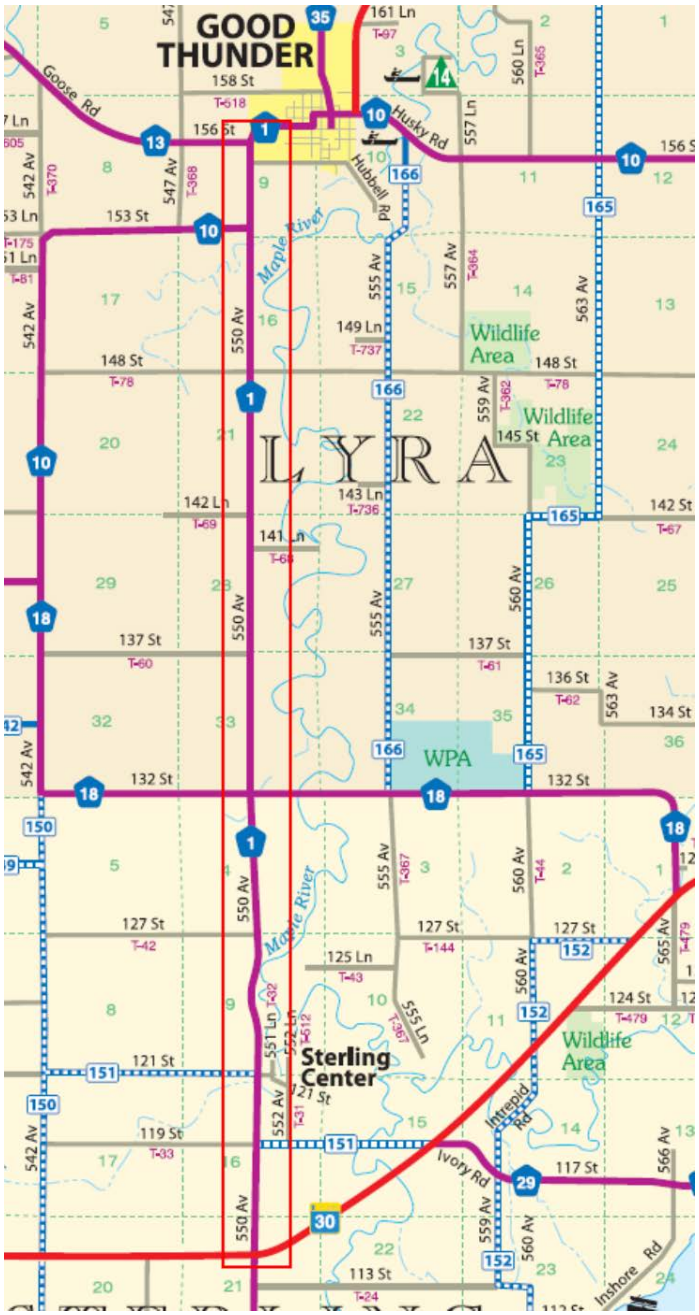
Project Type	Turnback
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality enhanced access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes. 4) Improve the connection from the centrally located Good Thunder region to Mankato
Description	Several State jurisdiction studies have recommended TH 66 jurisdiction be transferred from the State to County resulting in less cost and better service to the public. The road will be added to the County State Aid Highway System providing additional CSAH revenue to maintain the road. Grading will result in a roadway meeting or exceeding State standards. Pavement will be cold in place recycled with a new bituminous wearing surface. The road will be reconstructed in two phases: 1) From Good Thunder to CSAH 9, 2016. 2) From CSAH 9 to Mankato south City limits, 2018 and 2019.
Estimated Cost	$8,600,000
Potential Funding Sources	State Turnback, Road & Bridge
Transportation Sales Tax Project	No


Rapidan
RAPIDAN
GOOD THUNDER
Knudson Dr
Fairlane Dr
190 St
185 St
185 Ln
186 Ln
181 Ln
179 St
178 St
174 St
174 Ln
173 Ln
171 St
171 Ln
170 St
169 Ln
169 St
166 Ln
164 St
164 Ln
161 Ln
158 St
156 St
177 Ln
177 St
544 Av
548 Ln
552 Av
553 Av
549 Av
547 Av
561 Av
563 Ln
567 Av
564 Av
563 Av
565 Ln
568 Av
559 Ln
560 Ln
557 Ln
Harvest Rd
Ivy Rd
Husky Rd
Hubbell Rd
Maple Ct
Mapleridge (Dr)
Maple River
Blue Earth River
Wildlife Area
Wildlife Area
T-638
T-146
T-155
T-709
T-708
T-707
T-639
T-640
T-145
T-256
T-115
T-243
T-118
T-117
T-643
T-116
T-207
T-646
T-645
T-98
T-96
T-647
T-97
T-648
T-518
T-365
T-368
T-361
T-209
126
66
9
16
34
35
1
10
13
14
39
165
166

2016

CSAH 1 - from MNTH 30 to Good Thunder

Project Type	CSAH, Rural Paving
Purpose & Need	This section of road was reconstructed in 2015 to meet all State geometric standards. The 2016 project will provide a 10 ton smooth pavement for farm to market freight traffic and provide improved access for citizens.
Description	The 1.5 mile regrade section will receive additional aggregate base and new bituminous pavement. The balance of the project will be cold in placed recycled and a new bituminous wearing course placed.
Estimated Cost	$3,000,000
Potential Funding Sources	CSAH Regular, Road & Bridge
Transportation Sales Tax Project	No


GOOD THUNDER
LYRA
Sterling Center
Wildlife Area
Wildlife Area
Wildlife Area
WPA
Maple River
Maple River
Goose Rd
Husky Rd
Hubbell Rd
Intrepid Rd
Ivory Rd
Inshore Rd
158 St
156 St
153 St
149 Ln
148 St
145 St
143 Ln
142 Ln
141 Ln
137 St
136 St
134 St
132 St
127 St
125 Ln
124 St
121 St
119 St
117 St
113 St
161 Ln
542 Av
547 Av
550 Av
555 Av
557 Av
559 Av
560 Av
563 Av
565 Av
566 Av
552 Av
555 Ln
557 Ln
560 Ln
551 Ln
552 Ln

2016

CSAH 8 (Monks Ave.) - from CSAH 60 (Stadium Rd.) to South City Limits

Project Type	CSAH, Pavement Preservation
Purpose & Need	1) Extend the life of an aging bituminous pavement. 2) Provide a smooth and attractive driving surface for citizens. 3) Improve access in accordance with ADA standards. 4) Improve safety and aesthetics by providing lighting to urban standards.
Description	This project includes a 2” mill and bituminous overlay, select curb and gutter replacement, select ADA pedestrian ramp replacements, and additional efficient street lighting from Woodhaven Circle to Rosewood Drive. This is a cooperative project between Blue Earth County and the City of Mankato administered by the City of Mankato under a cooperative agreement.
Estimated Cost	$800,000
Potential Funding Sources	Transportation Sales Tax, City of Mankato
Transportation Sales Tax Project	Yes

N

Warren St
Monks Av
Monks Av
Bunting Ln
Homestead Dr
Balcerzak Dr
8
Hudson Ave S
Hudson Ave N
Woodhaven
(Ln)
(Cir)
Southbrook
Dr

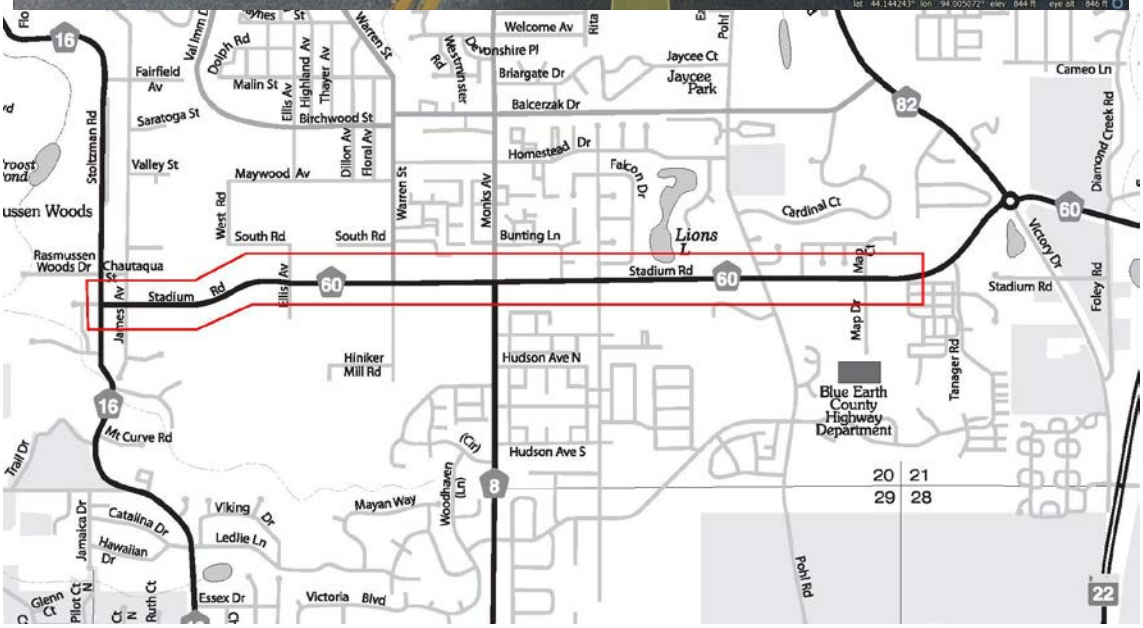
2016

CSAH 60 (Stadium Rd) - from CSAH 16 (Stoltzman Rd) to Map Drive

Project Type	MAPO, CSAH, Pavement Preservation
Purpose & Need	1) Extend the life of an aging bituminous pavement. 2) Provide a smooth and attractive driving surface for citizens. 3) Improve access in accordance with ADA standards. 4) Improve safety and aesthetics by providing lighting to urban standards.
Description	This project includes a 2” mill and bituminous overlay, select curb and gutter replacement, select ADA pedestrian ramp replacements, City utility modifications, and additional efficient street lighting. This is a cooperative project between Blue Earth County and the City of Mankato administered by the City of Mankato under a cooperative agreement.
Estimated Cost	$800,000
Potential Funding Sources	CSAH Regular, Transportation Sales Tax, City of Mankato
Transportation Sales Tax Project	Yes

Exit Street View
Google earth

Exit Street View
Google earth


Welcome Av
Devonshire Pl
Briargate Dr
Jaycee Ct
Jaycee Park
Balcerzak Dr
Homestead Dr
Falcon Dr
Lions
Cardinal Ct
Bunting Ln
Stadium Rd
Cameo Ln
Diamond Creek Rd
Victory Dr
Foley Rd
Map Ct
Map Dr
Tanager Rd
Blue Earth County Highway Department
Hudson Ave N
Hudson Ave S
Hiniker Mill Rd
Fairfield Av
Malin St
Saratoga St
Birchwood St
Valley St
Maywood Av
West Rd
South Rd
Warren St
Monks Av
Ellis Av
Highland Av
Thayer Av
Dillon Av
Floral Av
Dolph Rd
Stoltzman Rd
Rasmussen Woods Dr
Chautaqua St
James Av
Mt Curve Rd
Trail Dr
Catalina Dr
Jamaica Dr
Hawaiian Dr
Viking Dr
Ledlie Ln
Mayan Way
Woodhaven (Ln)
Essex Dr
Victoria Blvd
Glenn Ct
Pilot Ct N
Ruth Ct
Pohl Rd
20 21
29 28

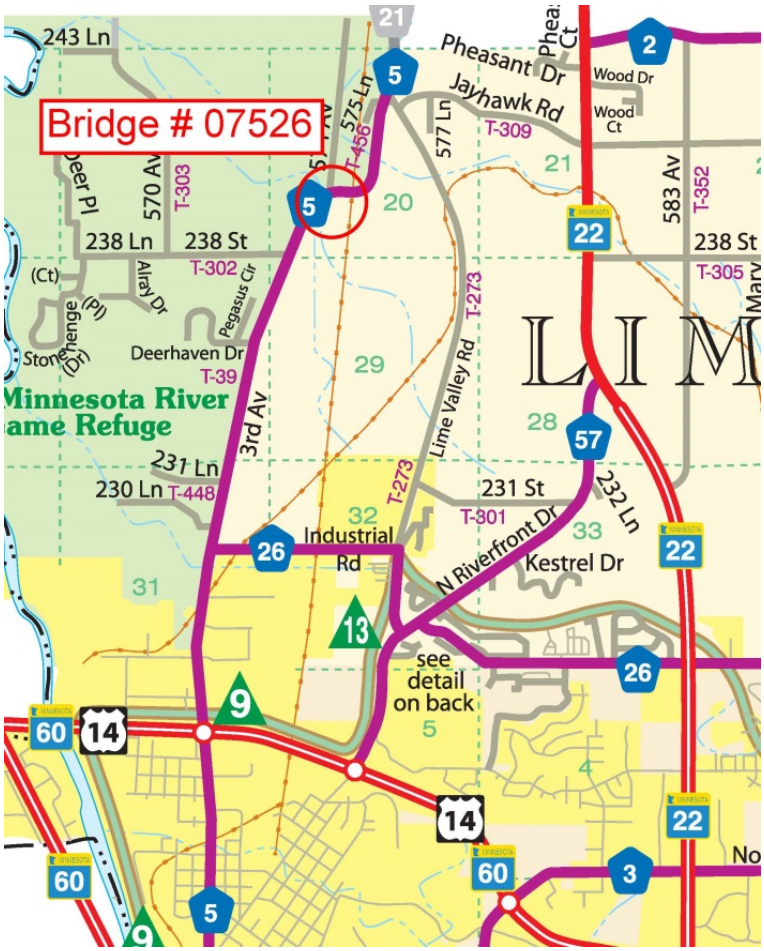
2016

CSAH 5 - Bridge No. 07526 over Ditch

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge deck. 2) Improve safety by providing increased bridge width to accommodate trucks, and occasional pedestrian and bicycle traffic. 3) Reduce construction impacts by using existing adequate abutments, staging construction with three bridges, and beginning construction under an accelerated schedule in the fall. The bridge is deteriorated and narrow. The current bridge is structurally deficient with a sufficiency rating of 57.6.
Description	Rehabilitate bridge by using the existing abutments and constructing a new concrete slab span bridge deck meeting current structural standards.
Estimated Cost	$200,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds
Transportation Sales Tax Project	No

BRIDGE NO. 07526 (185)
10-05-2010

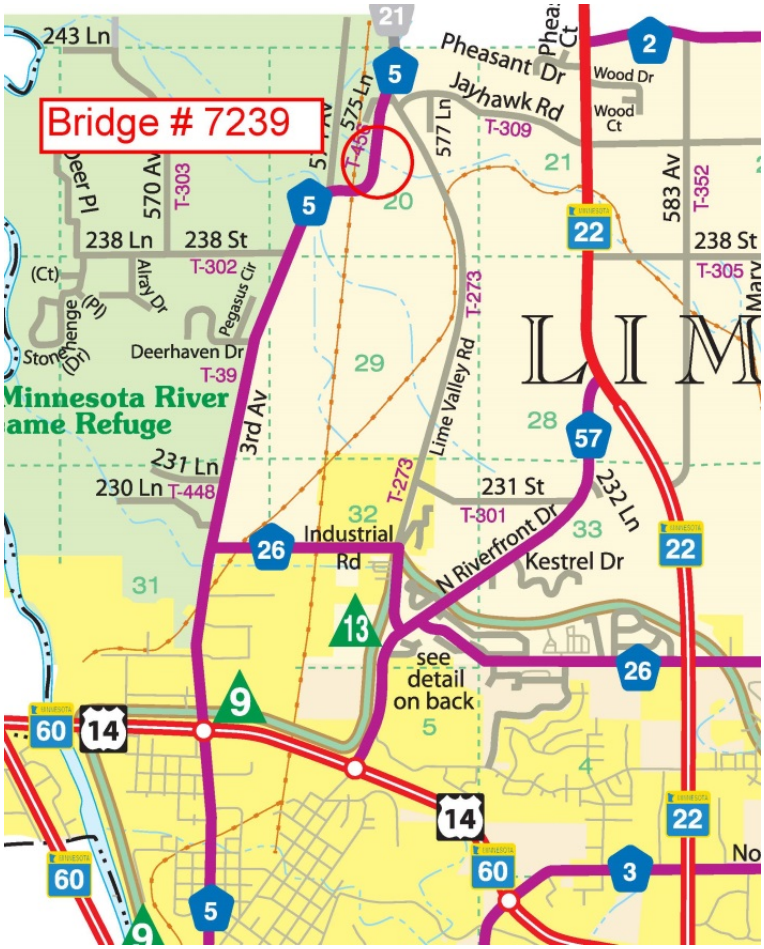
BRIDGE NO. 07526 (185)
10-05-2010


Bridge # 07526
243 Ln
Pheasant Dr
Jayhawk Rd
T-309
Wood Dr
Wood Ct
575 Ln
T-456
577 Ln
570 Av
T-303
238 Ln
238 St
T-302
Alray Dr
Pegasus Cir
Deerhaven Dr
T-39
583 Av
T-352
238 St
T-305
T-273
Lime Valley Rd
3rd Av
Minnesota River
ame Refuge
231 Ln
230 Ln
T-448
231 St
T-301
232 Ln
Industrial
Rd
N Riverfront Dr
Kestrel Dr
see
detail
on back
LIM

2016

CSAH 5 - Bridge No. 7239 over Ditch

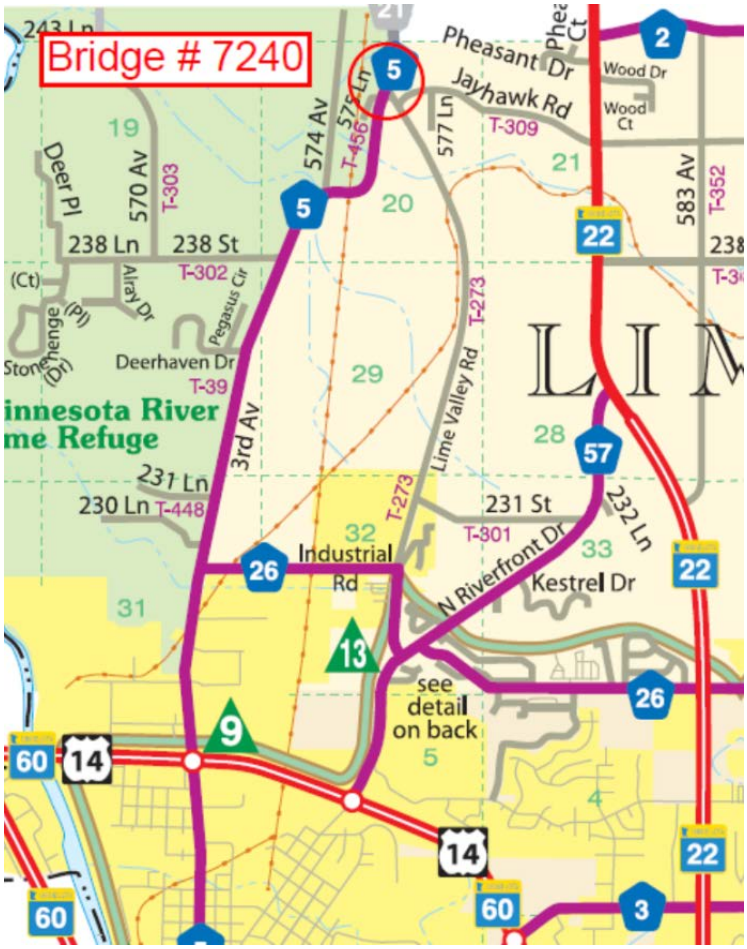
Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge deck. 2) Improve safety by providing increased bridge width to accommodate trucks, and occasional pedestrian and bicycle traffic. 3) Reduce construction impacts by using existing adequate abutments, staging construction with three bridges, and beginning construction under an accelerated schedule in the fall. The bridge is deteriorated and narrow. The current bridge is functionally obsolete with a sufficiency rating of 62.
Description	Rehabilitate bridge by using the existing abutments and constructing a new concrete slab span bridge deck to current structural standards.
Estimated Cost	$200,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds
Transportation Sales Tax Project	No


Bridge # 7239
243 Ln
Pheasant Dr
Jayhawk Rd
T-309
Wood Dr
Wood Ct
575 Ln
577 Ln
570 Av
T-303
238 Ln
238 St
T-302
583 Av
T-352
238 St
T-305
Alray Dr
Pegasus Cir
Deerhaven Dr
T-39
Minnesota River
ame Refuge
3rd Av
231 Ln
230 Ln
T-448
T-273
Lime Valley Rd
231 St
T-301
232 Ln
Industrial
Rd
N Riverfront Dr
Kestrel Dr
see
detail
on back
LIM

2016

CSAH 5 - Bridge No. 7240 over Ditch

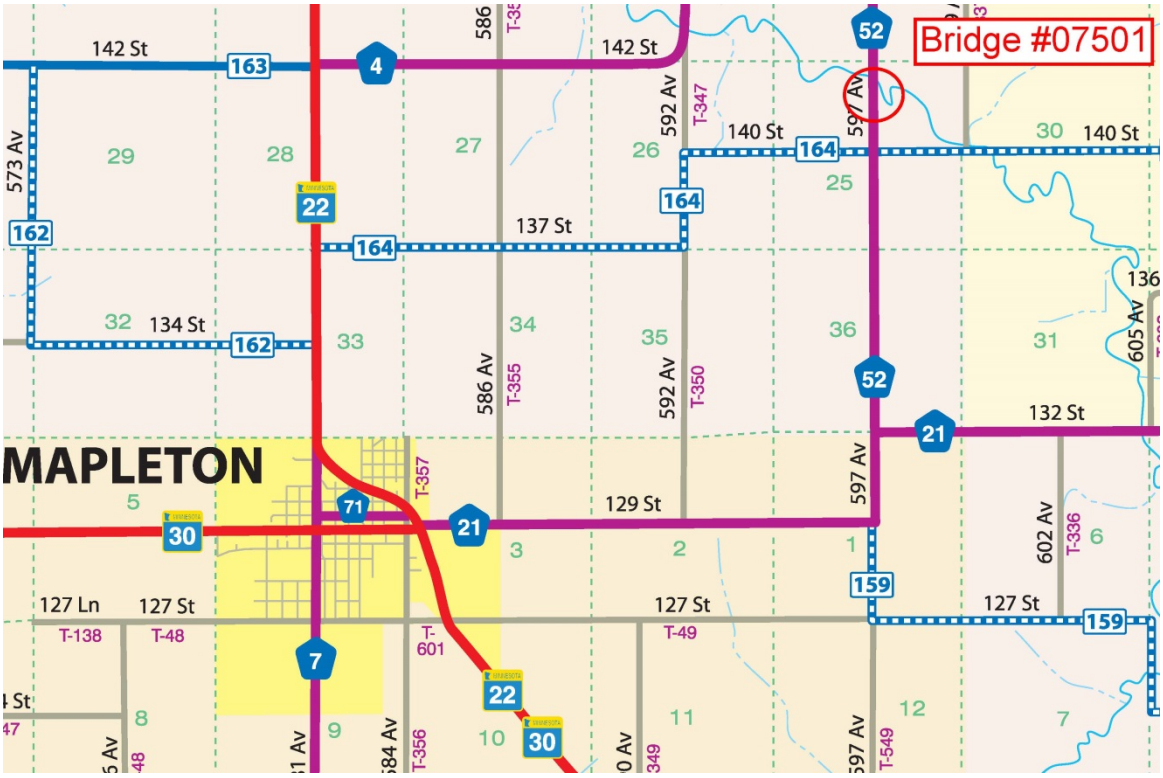
Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge deck. 2) Improve safety by providing increased bridge width to accommodate trucks, and occasional pedestrian and bicycle traffic. 3) Reduce construction impacts by using existing adequate abutments, staging construction with three bridges, and beginning construction under an accelerated schedule in the fall. The bridge is deteriorated and narrow. The current bridge is functionally obsolete with a sufficiency rating of 44.9.
Description	Rehabilitate bridge by using the existing abutments and constructing a new concrete slab span bridge deck to current structural standards.
Estimated Cost	$200,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds
Transportation Sales Tax Project	No


Bridge # 7240
Pheasant Dr
Jayhawk Rd
Wood Dr
Wood Ct
574 Av
577 Ln
T-456
T-309
583 Av
T-352
570 Av
T-303
Deer Pl
238 Ln
238 St
T-302
Alray Dr
Pegasus Cir
Deerhaven Dr
T-39
T-273
Lime Valley Rd
3rd Av
231 Ln
230 Ln
T-448
231 St
T-301
232 Ln
Industrial Rd
N Riverfront Dr
Kestrel Dr
see detail on back
LIM

2016

CSAH 52 - Bridge No. 07501 over the Big Cobb River

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased bridge width to accommodate trucks, and occasional pedestrian and bicycle traffic. This bridge is deteriorated and narrow including advanced spalling and corrosion of exposed rebar in the concrete beams. The bridge is structurally deficient with a sufficiency rating of 65.
Description	The bridge will be replaced with a single span precast concrete beam structure.
Estimated Cost	$500,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road and Bridge
Transportation Sales Tax Project	NO


Bridge #07501
142 St
163
4
586
T-35
142 St
52
592 Av
T-347
597 Av
140 St
164
30
140 St
573 Av
29
28
27
26
25
22
164
162
137 St
164
136
32
134 St
162
33
34
35
36
31
605 Av
586 Av
T-355
592 Av
T-350
52
21
132 St
MAPLETON
5
71
T-357
21
129 St
597 Av
30
3
2
1
602 Av
T-336
6
159
127 Ln
127 St
127 St
127 St
159
T-138
T-48
T-49
7
T-
601
22
8
9
10
11
12
7
30
T-356
T-549

2016

County Road 111 - Bridge No. 90572 over Stream

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment without the need for guardrail. The existing bridge is deteriorating and narrow. The bottom of the cast in place box culvert was modified to lower the channel flow line resulting in susceptibility to scour. The bridge is structurally deficient with a sufficiency rating of 73.
Description	The bridge will be replaced with a large precast concrete pipe structure.
Estimated Cost	$170,000
Potential Funding Sources	State Bridge Bonds, Road and Bridge
Transportation Sales Tax Project	No

Bridge #90572
LAKE CRYSTAL
109
25
30
29
510 Av
200 St
20
Dogwood Rd
505 Av
499
35
36
6
31
Lily L
22
T-389
194 St
194 St
76
79
T-180
109
1
2
6
60
20

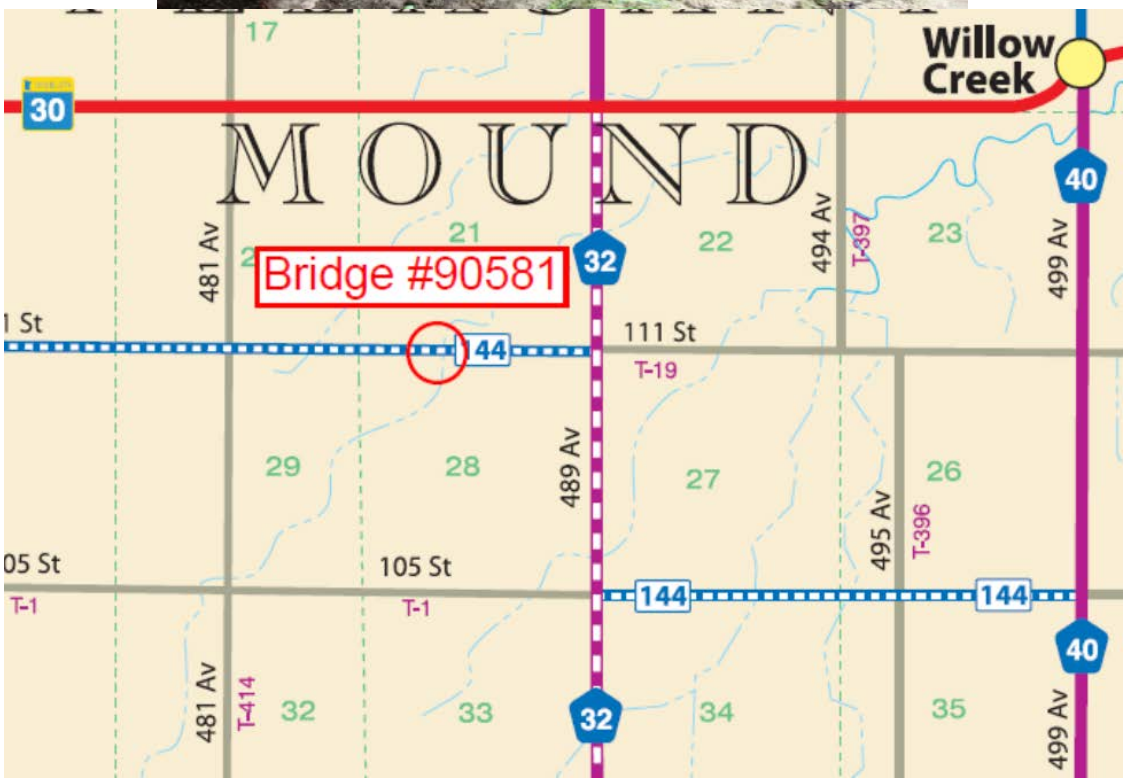
2016

County Road 144 - Bridge 90581 over Ditch

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased bridge width to accommodate trucks, farm equipment and occasional pedestrian and bicycle traffic without the need for guardrail. The timber pilings are severely deteriorated. The bridge is structurally deficient with a sufficiency rating of 36.
Description	The bridge will be replaced with a precast concrete box culvert.
Estimated Cost	$170,000
Potential Funding Sources	State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 90581 (59)
10-10-2011

BRIDGE NO. 90581 (59)
10-10-2011


Willow Creek
MOUND
Bridge #90581
30
32
40
44
144
481 Av
489 Av
494 Av
495 Av
499 Av
111 St
105 St
T-19
T-397
T-396
T-414
T-1
17
21
22
23
29
28
27
26
32
33
34
35

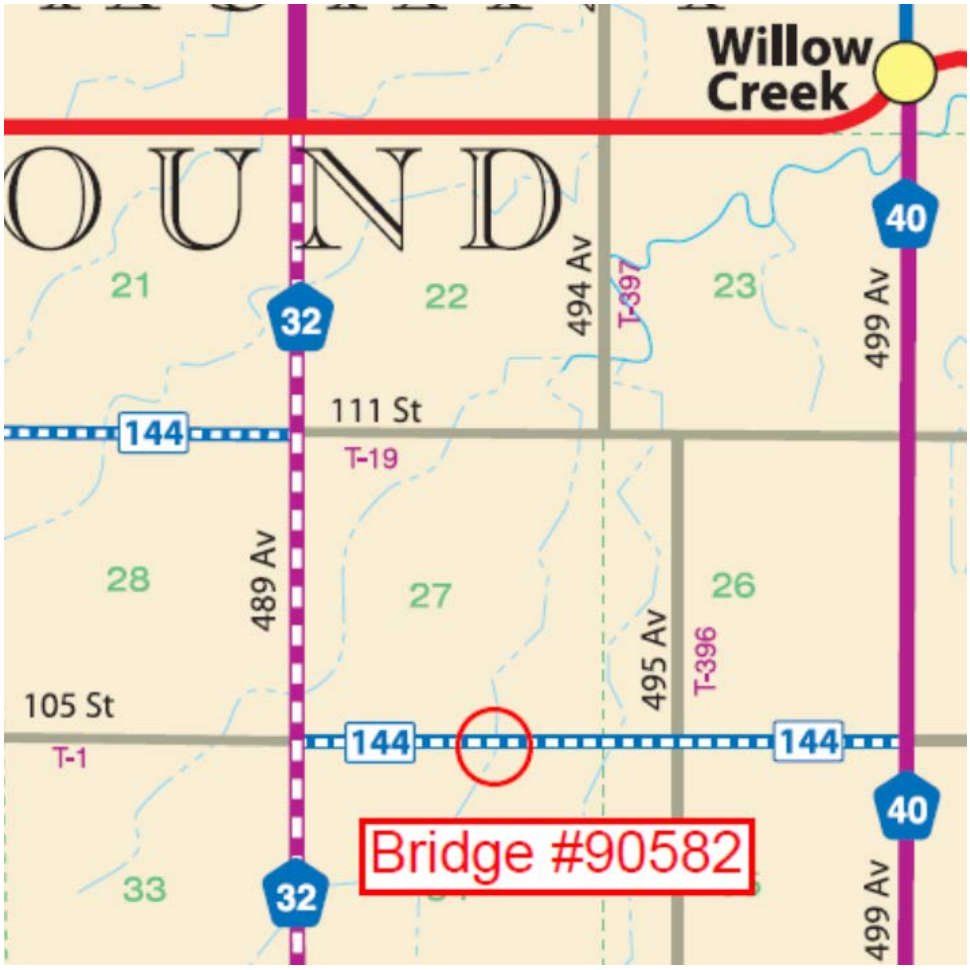
2016

County Road 144 - Bridge 90582 over Ditch

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased bridge width to accommodate trucks, farm equipment and occasional pedestrian and bicycle traffic without the need for guardrail. The existing steel culvert is deteriorated. The culvert is structurally deficient with a sufficiency rating of 67.8.
Description	The culvert will be replaced with a precast concrete box culvert.
Estimated Cost	$160,000
Potential Funding Sources	State Bridge Bonds, Road and Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 90582 (49)
10-10-2011

BRIDGE NO. 90582 (49)
10-10-2011

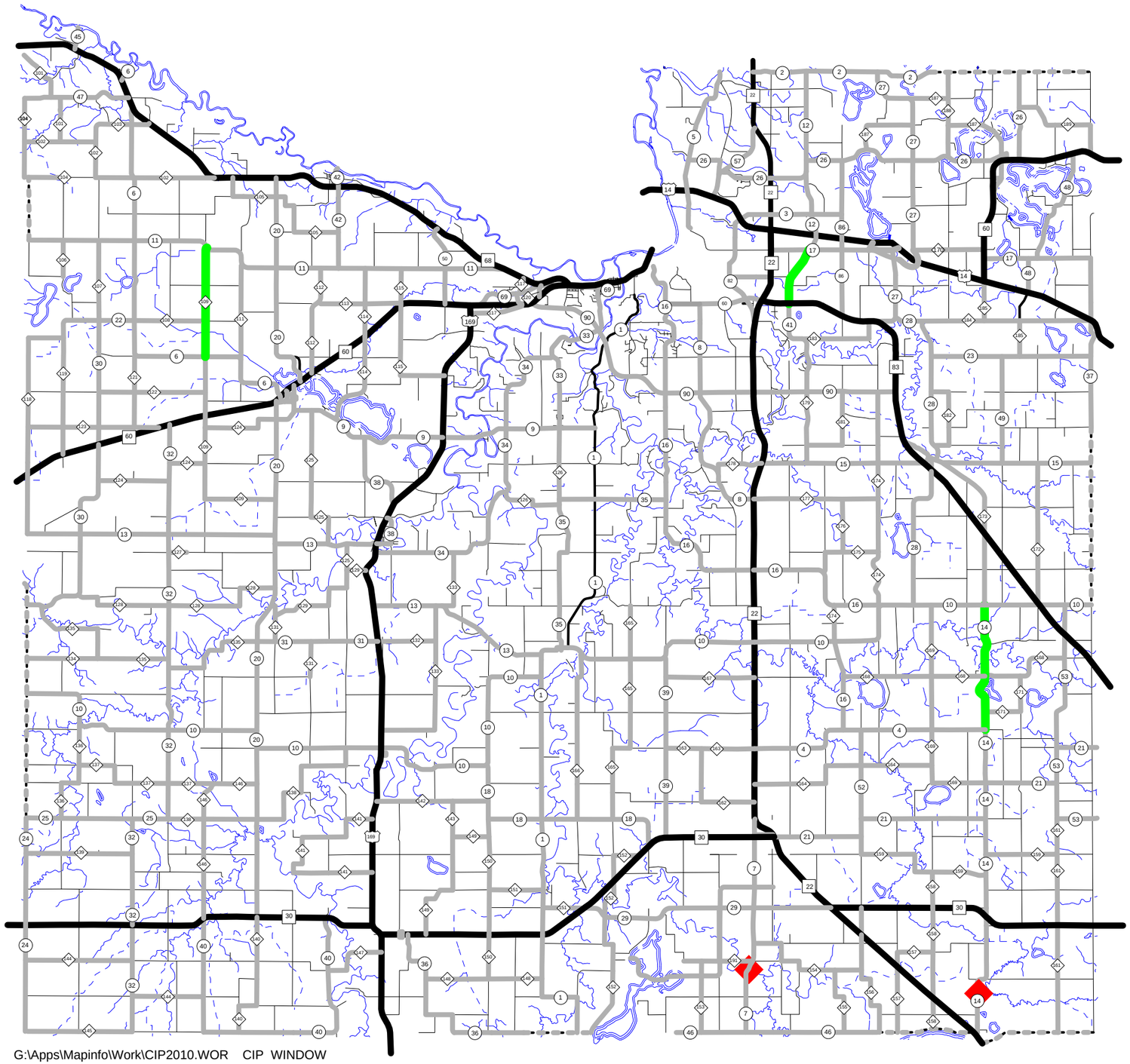

Willow Creek
OUND
21
22
23
32
40
494 Av
T-397
499 Av
111 St
144
T-19
28
27
26
489 Av
495 Av
T-396
105 St
T-1
144
144
Bridge #90582
33
32
40
499 Av

BLUE EARTH COUNTY

2017 CAPITAL IMPROVEMENT PROJECTS

	2017	
Project Type	**Project**	**Cost**
Grading		
	CSAH 12 Extension TH 83 to CSAH 17 Grade & Pave	$10,500,000
	CSAH 14 CSAH 4 to CSAH 10 Grade	$3,600,000
	CR 109 CSAH 6 to CSAH 11 Grade	$1,800,000
	CSAH 1 CSAH 9 to Mankato Design & ROW	$2,000,000
	CSAH 10 CSAH 20 to West County Line Design & ROW	$600,000
Paving		
	Highway Safety Improvement Projects	$630,000
	County Wide Overlays	$3,050,000
Bridges		
	CSAH 7 Over Maple River # 7151	$600,000
	CSAH 14 Over stream #90519	$400,000
Planning & Miscellaneous	**Planning, Cooperative Projects, Right of Way, & Construction Contingencies**	$1,200,000
	Total for 2017	**$24,380,000**

Available Funding	**2017**
CSAH Regular	$5,200,000
CSAH Municipal	
Federal Regular	$2,150,000
Federal Other	$580,000
State TH or State Bonds	$3,000,000
Town Bridge	
Township/City	$360,000
Sales Tax	$6,000,000
Sales Tax Advance	$6,600,000
County	$1,000,000
Total	**$24,890,000**



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BEC CIP 2016-2020

2017

N

PAVING JOBS

GRADING JOBS

BRIDGE PROJECTS

2/22/2016

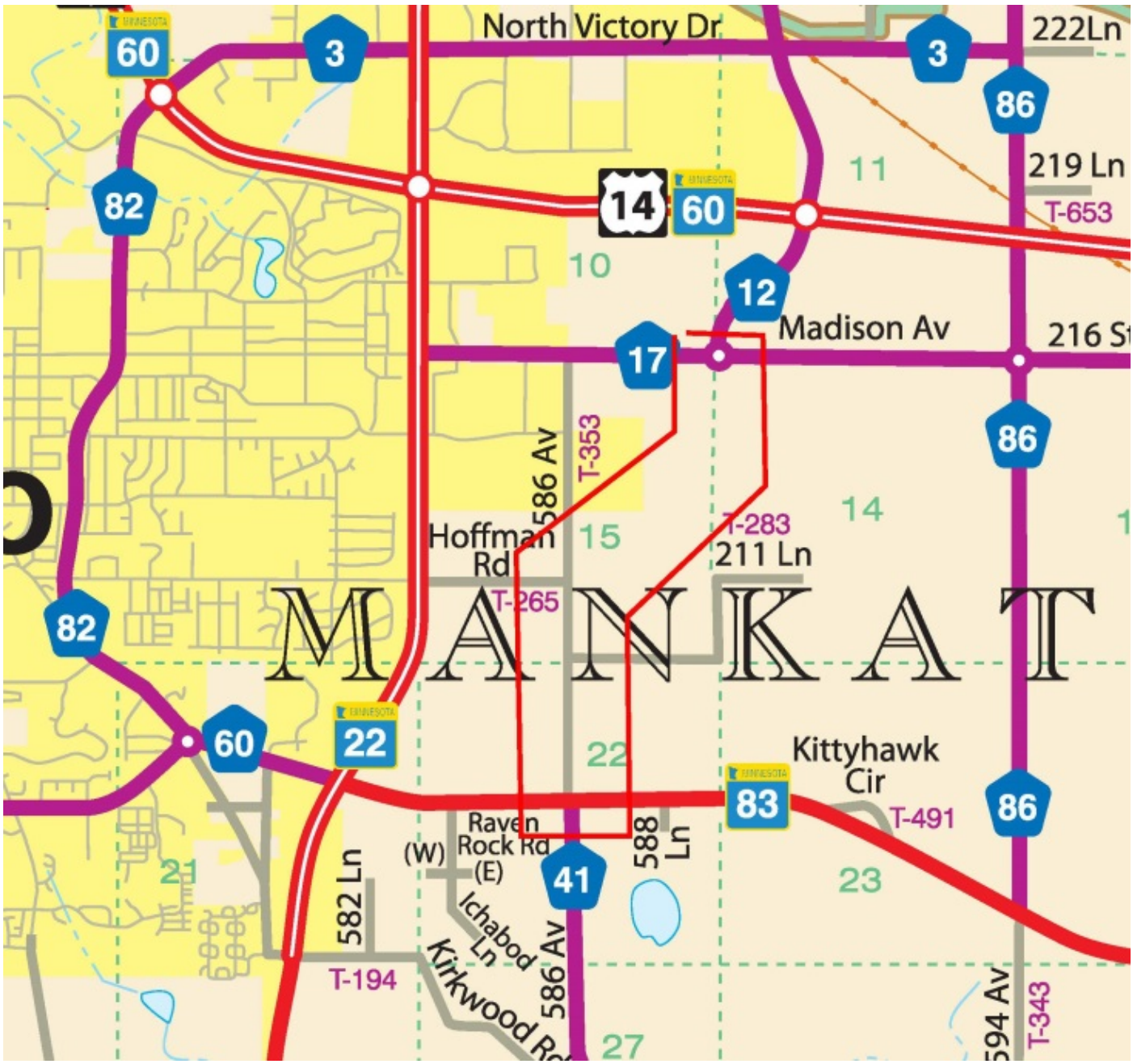
2017

CSAH 12 - Extension from CSAH 17 to MNTH 83

Project Type	MAPO, CSAH
Purpose & Need	The 1.7 mile County Road 12 extension is an important project that will: 1) Provide a missing link in the regional transportation system with a North-South collector to meet increasing traffic levels in the southeastern Mankato Area. 2) Enhance system connectivity for the Greater Mankato Area which continues to develop as a regional hub for agriculture, manufacturing, education, health care, and retail. 3) Increase mobility throughout the southeastern portion of Mankato which will help address congestion and traffic safety as the area continues to grow. 4) Provide better access for the newly constructed Blue Earth County Justice Center, MNDOT District 7 Headquarters, Prairie Winds Junior High School, and surrounding future development.
Description	The proposed County Road 12 Extension Project includes construction of a new 1.7 mile road from County Road 17 to State Highway 83 including a portion of Hoffman road connecting CSAH 12 to Prairie Winds Drive in the southeastern portion of Mankato. The proposed roadway extension is the 5th project planned along the County Road 12 corridor in the Greater Mankato Area.
Estimated Cost	$10,500,000
Potential Funding Sources	Federal, City, Sales Tax, State
Transportation Sales Tax Project	Yes

Google earth

STOP

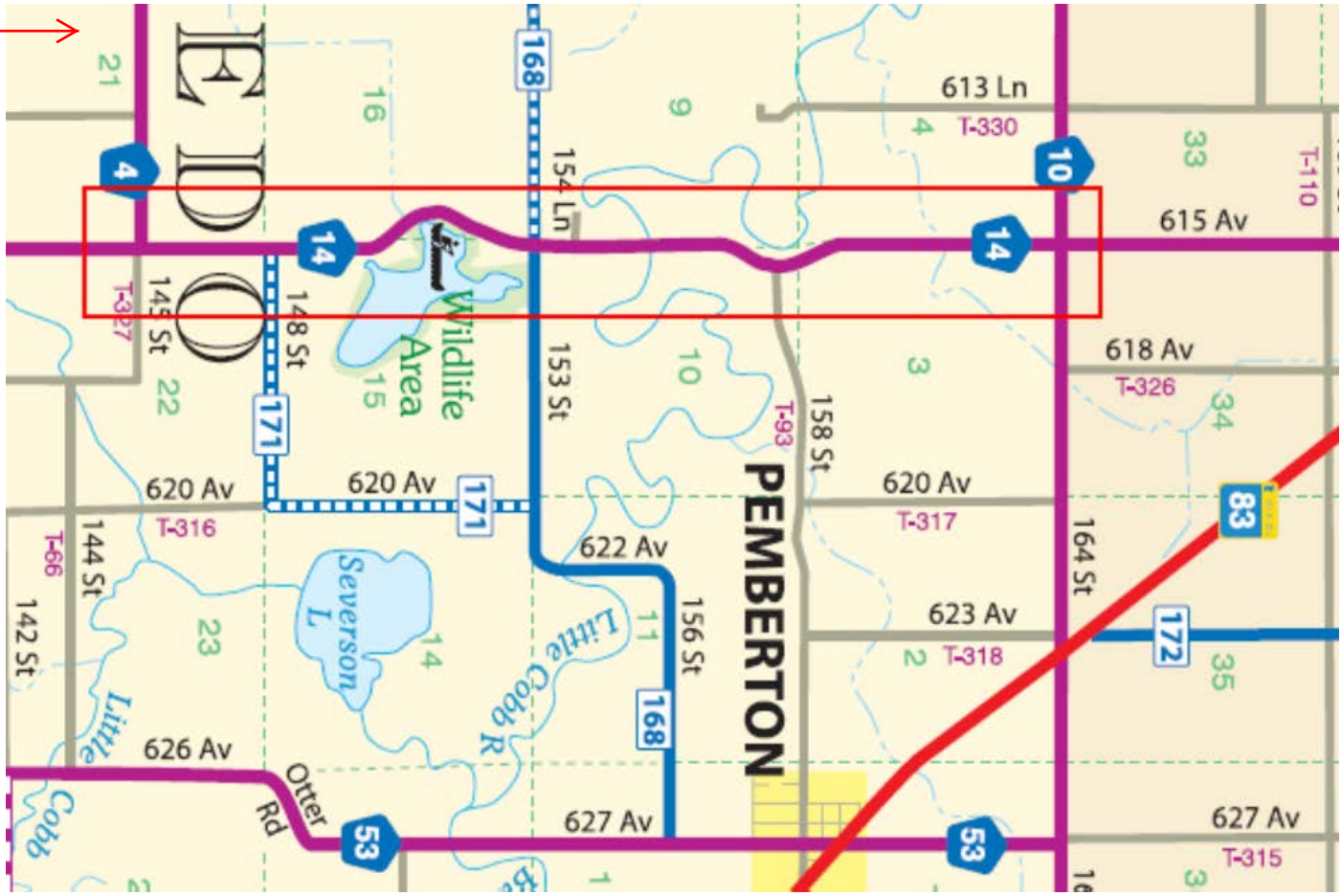

North Victory Dr
222Ln
219 Ln
T-653
Madison Av
216 St
586 Av
T-353
Hoffman Rd
T-265
T-283
211 Ln
MANKAT
Kittyhawk Cir
T-491
Raven Rock Rd
(W)
(E)
588 Ln
582 Ln
Ichabod Ln
Kirkwood Rd
586 Av
T-194
594 Av
T-343
60
3
86
14
12
17
82
22
83
41
11
10
15
14
22
21
23
27

2017

CSAH 14 - from CSAH 4 to CSAH 10

Project Type	CSAH, Rural Reconstruction
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes.
Description	The curves will be re-graded, shoulders widened and the pavement will be cold-in-place recycled with a new bituminous wearing surface providing a strengthened 10 ton design meeting or exceeding State standards on this 3.5 mile segment. The final (top) bituminous wearing course will be placed in 2018.
Estimated Cost	$3,600,000
Potential Funding Sources	Transportation Sales Tax, Road & Bridge
Transportation Sales Tax Project	Yes

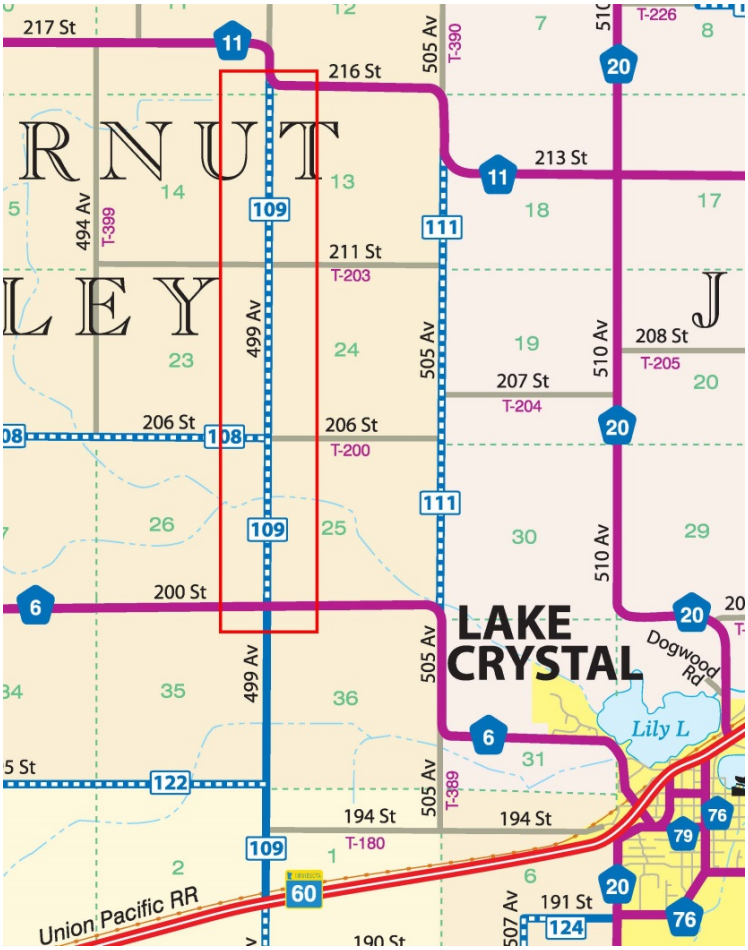
N


613 Ln
T-330
615 Av
618 Av
T-326
620 Av
T-317
623 Av
T-318
627 Av
T-315
620 Av
T-316
626 Av
627 Av
PEMBERTON
Wildlife Area
Severson L
Little Cobb R
Little Cobb
Otter Rd
154 Ln
153 St
156 St
158 St
164 St
148 St
145 St
144 St
142 St
622 Av
T-93
T-110
T-327
T-66
10
14
53
83
168
171
172
4

2017

County Road 109 - from CSAH 6 to CSAH 11

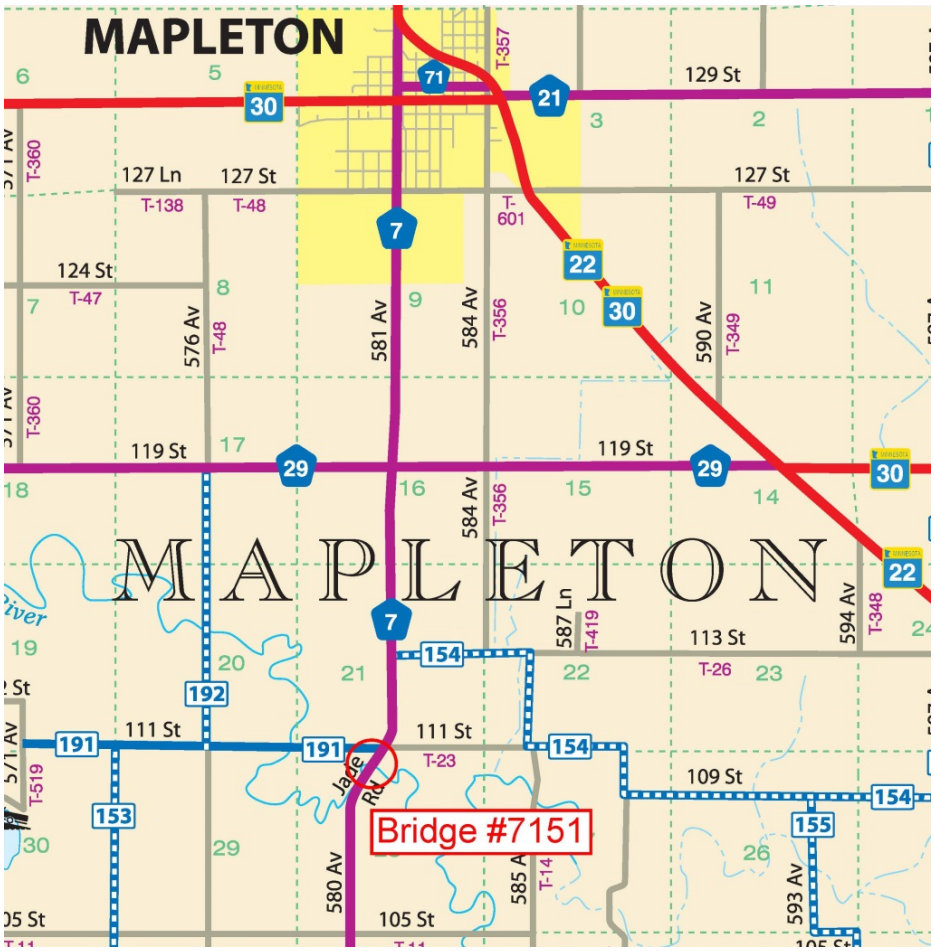
Project Type	County Road, Rural Reconstruction
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide strengthening of the existing 5 ton gravel road to a 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes. 4) Provide improved truck access to the ethanol plant.
Description	The road will be re-graded, shoulders widened and paved providing a strengthened 10 ton design meeting or exceeding State standards on this 3 mile segment. The final (top) bituminous wearing course will be placed in 2018.
Estimated Cost	$1,800,000
Potential Funding Sources	Transportation Sales Tax, Road & Bridge
Transportation Sales Tax Project	Yes


217 St
216 St
213 St
211 St
T-203
208 St
T-205
207 St
T-204
206 St
T-200
200 St
194 St
T-180
191 St
494 Av
T-399
499 Av
505 Av
T-390
510 Av
T-226
T-389
507 Av
LAKE CRYSTAL
Dogwood Rd
Lily L
Union Pacific RR
11
20
109
111
108
6
122
60
76
79
124

2017

CSAH 7 - Bridge No. 7151 over the Maple River

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is deteriorated and narrow. The bottom of the steel girders have section loss and the concrete deck is spalling. The bridge has a sufficiency rating of 70.6.
Description	The bridged will be replaced with a precast concrete beam structure.
Estimated Cost	$600,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road and Bridge
Transportation Sales Tax Project	No


MAPLETON
MAPLETON
129 St
127 Ln
127 St
124 St
119 St
113 St
111 St
109 St
105 St
576 Av
581 Av
584 Av
587 Ln
590 Av
594 Av
580 Av
585 Av
593 Av
Jade Rd
Bridge #7151
T-357
T-360
T-138
T-48
T-601
T-49
T-47
T-356
T-349
T-419
T-348
T-26
T-23
T-14
T-519
30
71
21
7
22
29
154
192
191
153
155

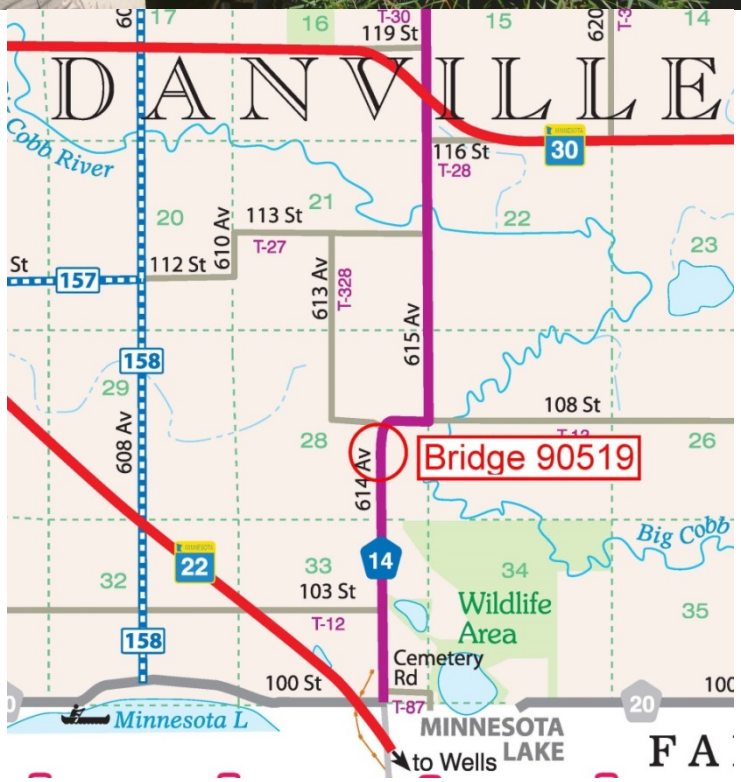
2017

CSAH 14 - Bridge No. 90519 over Stream

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge consisting of timber piling and abutments with precast concrete channel span is deteriorated and narrow. The timber column is decayed and the concrete channel is spalled with exposed rebar. The bridge is structurally deficient with a sufficiency rating of 71.6.
Description	The bridge will be replaced with precast concrete beam or slab span structure.
Estimated Cost	$400,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO 90519 (5)
09-11-2015

BRIDGE NO. 90519 (5)
09-11-2015


DANVILLE
Cobb River
Big Cobb
Minnesota L
119 St
116 St
113 St
112 St
108 St
103 St
100 St
610 Av
613 Av
614 Av
615 Av
608 Av
620
T-30
T-28
T-27
T-328
T-12
T-87
Bridge 90519
Wildlife Area
Cemetery Rd
MINNESOTA LAKE
to Wells
30
157
158
22
14
20
17
16
15
14
21
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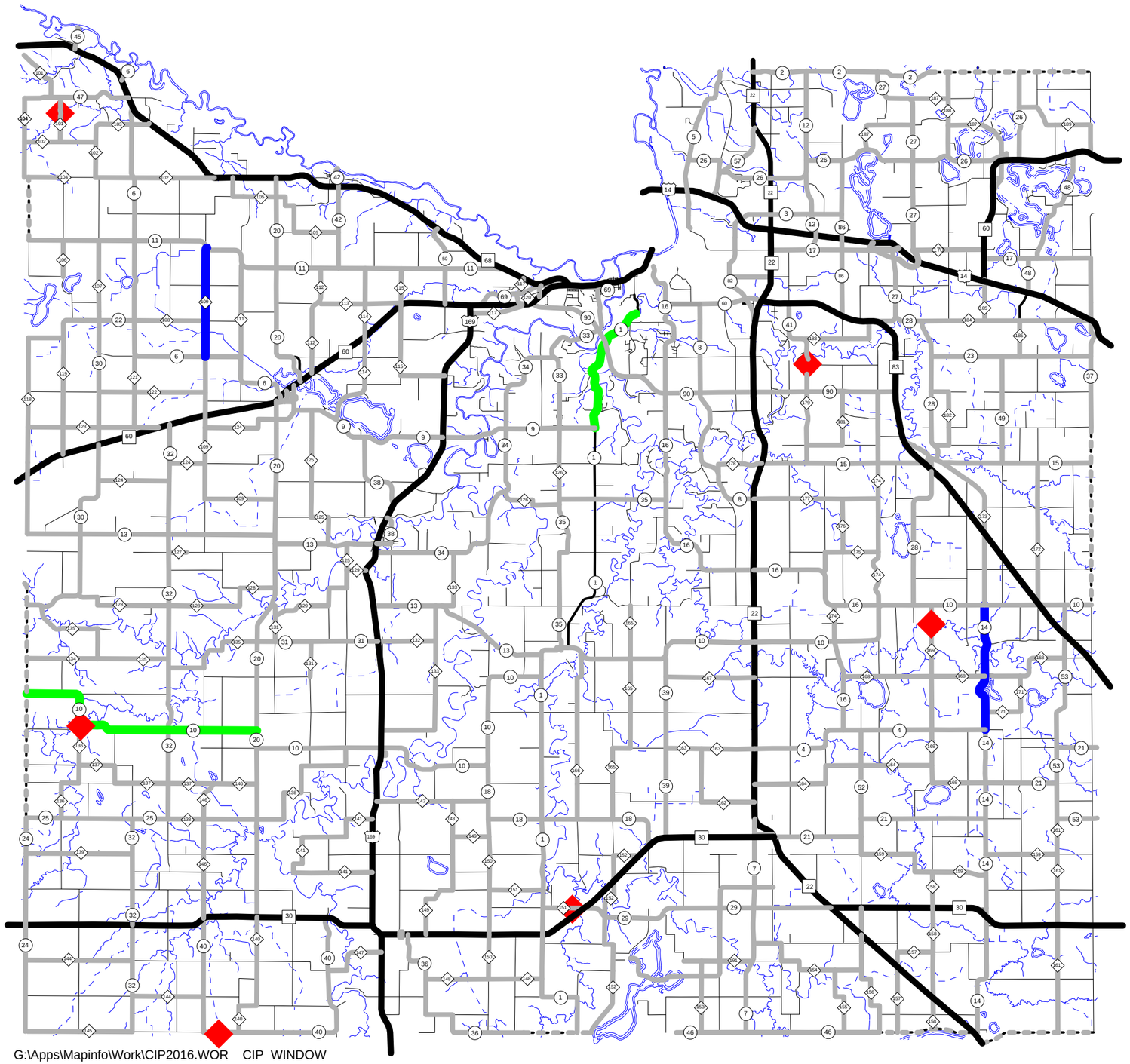
32
33
34
35

BLUE EARTH COUNTY

2018 CAPITAL IMPROVEMENT PROJECTS

	2018	
Project Type	**Project**	**Cost**
Grading		
	CSAH 1 CSAH 9 to Mankato Grade	$8,000,000
	CSAH 10 CSAH 20 to West County Line Grade	$4,500,000
	CSAH 10 TH 169 to Good Thunder Design & ROW	$1,000,000
	CSAH 14 TH 30 to CSAH 4 Design & ROW	$500,000
Paving		
	CSAH 14 CSAH 4 to CSAH 10	$3,000,000
	CR 109 CSAH 6 to CSAH 11	$1,800,000
	County Wide Overlays	$1,500,000
Bridges		
	CSAH 10 Over Perch Creek # 90515	$330,000
	CSAH 40 Over Willow Creek # 90535	$505,000
	CSAH 41 Over LeSueur River # 7274	$2,000,000
	CR 101 Over Morgan Creek # 07511	$500,000
	CR 151 Over Rice Creek # 3773	$500,000
	CR 169 Over Little Cobb #5084	$540,000
Planning & Miscellaneous	**Planning, Cooperative Projects, Right of Way, & Construction Contingencies**	$1,000,000
	Total for 2018	**$25,675,000**

Available Funding	**2018**
CSAH Regular	$5,230,000
CSAH Municipal	
Federal Regular	
Federal Other	$1,200,000
State TH or State Bonds	$10,980,000
Town Bridge	
Township/City	
Sales Tax	$6,000,000
Sales Tax Advance	$1,700,000
County	$1,000,000
Total	**$26,110,000**



G:\Apps\Mapinfo\Work\CIP2016.WOR CIP WINDOW

BEC CIP 2016-2020

2018

N

PAVING JOBS

GRADING JOBS

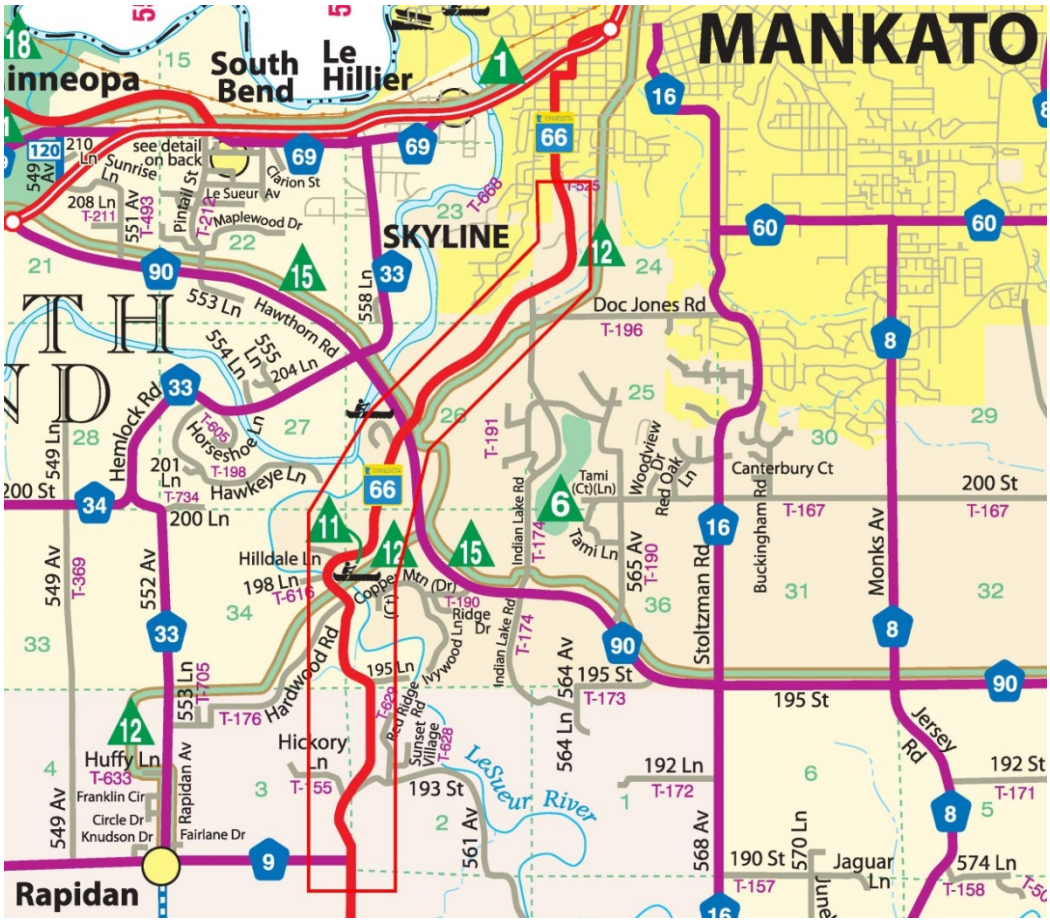
BRIDGE PROJECTS

2/22/2016

2018

CSAH 1 - from CSAH 9 to Mankato South City Limits

Project Type	MAPO, CSAH, Turnback, Reconstruction
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes. 4) Improve the connection from the centrally located Good Thunder region to Mankato
Description	Several State jurisdiction studies have recommended TH 66 jurisdiction be transferred from the State to County resulting in less cost and better service to the public. The road will be added to the County State Aid Highway System providing additional CSAH revenue to maintain the road. Grading will result in a roadway meeting or exceeding State standards. Pavement will be cold in place recycled with a new bituminous wearing surface. The segment from CSAH 90 to Mankato is designated as a Type III Natural Preservation Route which facilitates preservation of the scenic and natural beauty of this segment. The road will be reconstructed in two phases: 1) From Good Thunder to CSAH 9, 2016. 2) From CSAH 9 to Mankato south City limits, 2018 and 2019.
Estimated Cost	$8,000,000
Potential Funding Sources	Turnback
Transportation Sales Tax Project	No


MANKATO
South Bend
Le Hillier
SKYLINE
Rapidan
see detail on back
Doc Jones Rd
T-196
Hawthorn Rd
Hemlock Rd
Hawkeye Ln
Hilldale Ln
Hardwood Rd
Hickory Ln
Huffy Ln
T-633
Franklin Cir
Circle Dr
Knudson Dr
Fairlane Dr
Rapidan Av
Le Sueur Av
Maplewood Dr
Clarion St
Sunrise Ln
Pintail St
Horseshoe Ln
Copper Mtn (Dr)
Ridge Dr
Ivywood Ln
Red Ridge
Sunset Rd
Village
Indian Lake Rd
Tami (Ct)(Ln)
Tami Ln
Woodview Dr
Red Oak Ln
Canterbury Ct
Buckingham Rd
Stoltzman Rd
Monks Av
Jersey Rd
Jaguar Ln
LeSueur River
200 St
195 St
192 St
190 St
193 St
192 Ln
195 Ln
200 Ln
553 Ln
554 Ln
555 Ln
558 Ln
204 Ln
201 Ln
198 Ln
210 Ln
208 Ln
549 Av
551 Av
552 Av
553 Ln
561 Av
564 Av
564 Ln
565 Av
568 Av
570 Ln
574 Ln

2018

CSAH 10 - from CSAH 20 to West County Line

Project Type	CSAH, Rural Reconstruction
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes
Description	The curves will be re-graded, shoulders widened and the pavement will be cold-in-place recycled with a new bituminous wearing surface providing a strengthened 10 ton design meeting or exceeding State standards on this 7.5 mile segment. The final (top) lift of the bituminous wearing course will be completed in 2019.
Estimated Cost	$4,500,000
Potential Funding Sources	Transportation Sales Tax
Transportation Sales Tax Project	Yes

40

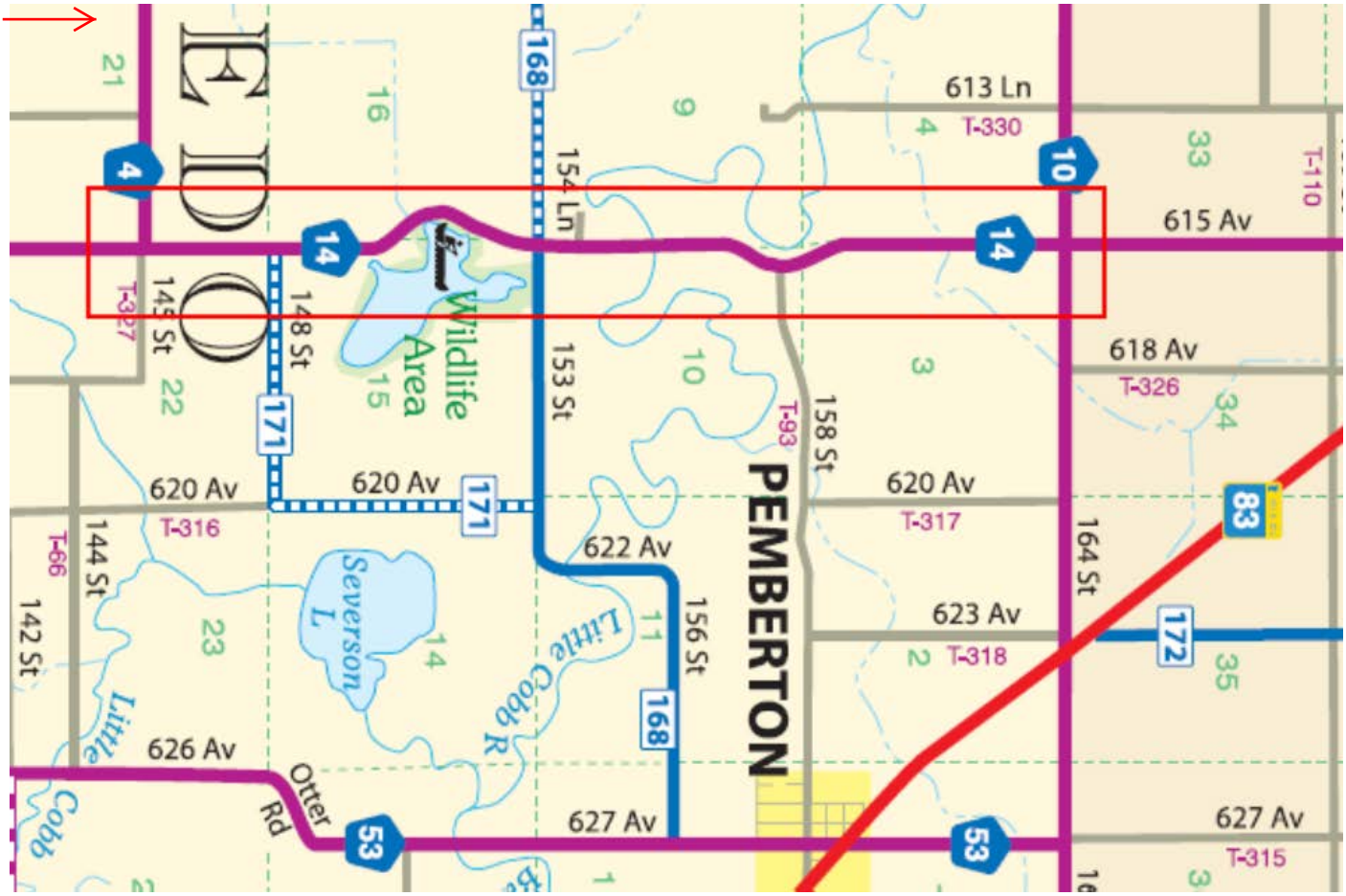
CERESCO
CENTER
VERNON CENTER
Perch Creek
Spring Branch Cr
Porter L
Blue Earth River
Cattail Rd
Evergreen Cir
WPA
WA
150 St
145 St
140 St
137 St
148 St
142 St
142 Ln
140 Ln
136 St
473 Av
481 Av
486 Av
494 Av
499 Av
502 Av
507 Av
510 Av
511 Av
514 Av
515 Av
521 Av
478 Av
482 Av
489 Av
136 Ln
T-750
T-76
T-75
T-56
T-57
T-404
T-406
T-412
T-395
T-394
T-387
T-77
T-74
T-84
T-382
T-73
T-513
T-58
T-59
T-85

2018

CSAH 14 - from CSAH 4 to CSAH 10

Project Type	CSAH, Rural, Paving
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes.
Description	This project will place the final (top) bituminous wearing course over the 3.5 mile segment that was graded in 2017.
Estimated Cost	$3,000,000
Potential Funding Sources	CSAH Regular, Transportation Sales Tax, Road & Bridge
Transportation Sales Tax Project	Yes

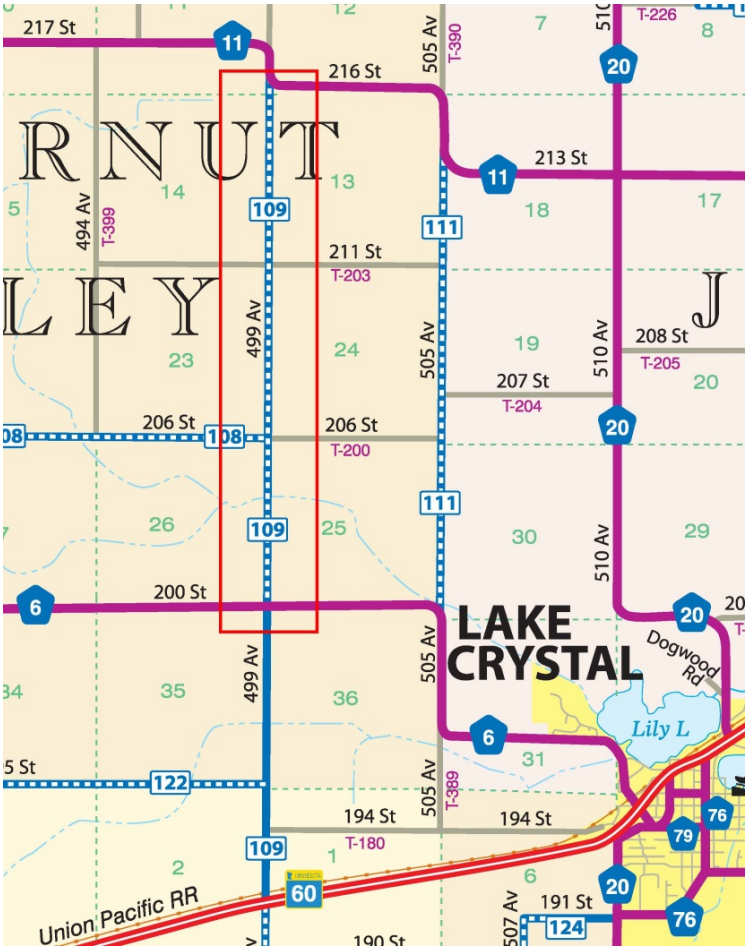
N


613 Ln
T-330
615 Av
618 Av
T-326
620 Av
T-317
623 Av
T-318
627 Av
T-315
620 Av
T-316
626 Av
627 Av
PEMBERTON
Wildlife Area
Severson L
Little Cobb R
Little Cobb
Otter Rd
154 Ln
153 St
156 St
158 St
164 St
148 St
145 St
144 St
142 St
622 Av
T-93
T-110
T-327
T-66
10
14
4
53
83
172
168
171

2018

County Road 109 - from CSAH 6 to CSAH 11

Project Type	CSAH, Rural, Paving
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide strengthening of the existing 5 ton gravel road to a 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes.
Description	This project will place the bituminous pavement over the 3 mile segment that was graded in 2017.
Estimated Cost	$1,800,000
Potential Funding Sources	Transportation Sales Tax, Road & Bridge
Transportation Sales Tax Project	Yes


217 St
216 St
213 St
211 St
T-203
208 St
T-205
207 St
T-204
206 St
T-200
200 St
194 St
T-180
191 St
494 Av
T-399
499 Av
505 Av
T-390
510 Av
T-226
T-389
507 Av
LAKE CRYSTAL
Dogwood Rd
Lily L
Union Pacific RR
109
111
11
20
6
122
60
76
79
124

2018

CSAH 10 - Bridge No. 90515 over Perch Creek

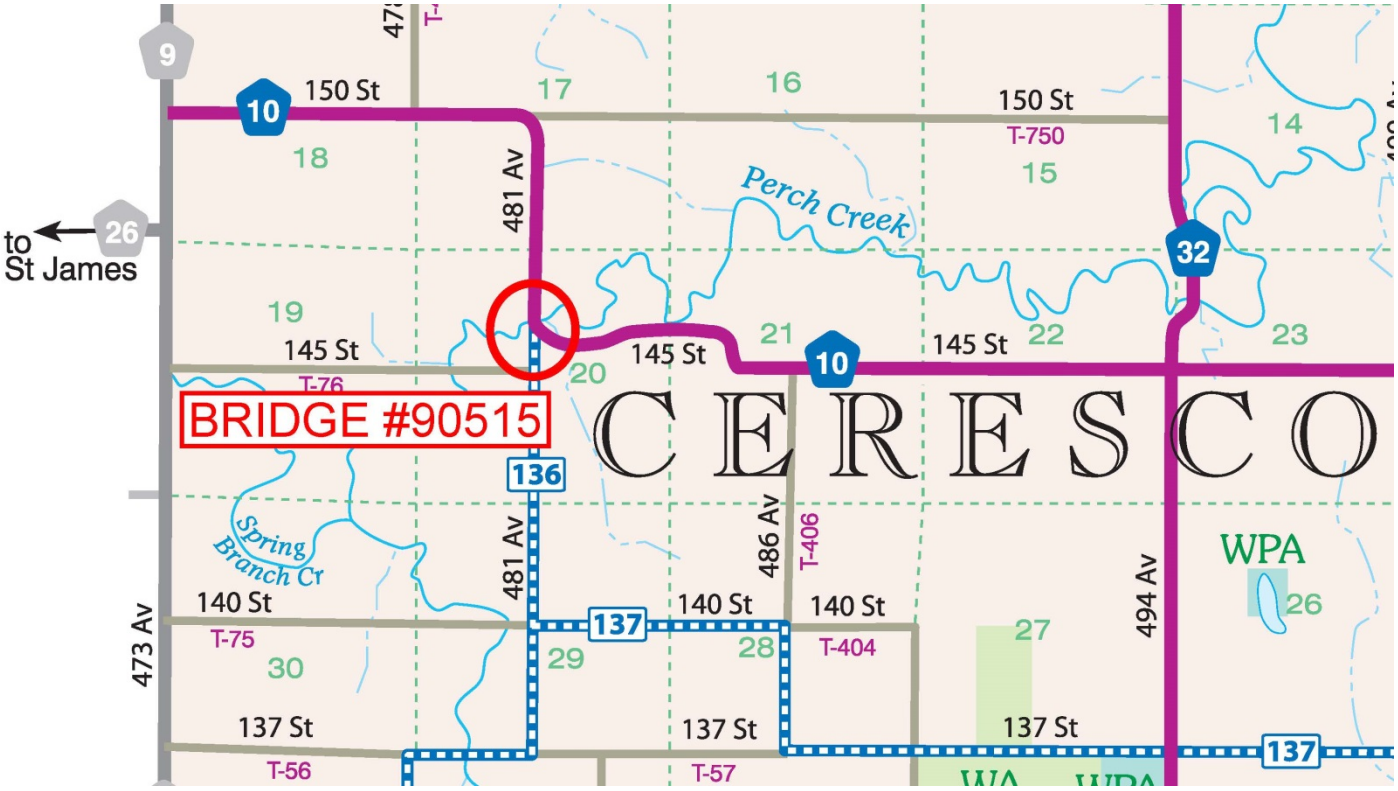
Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is narrow and has deteriorated. The precast concrete channel beams are cracked and spalled with exposed and rusted rebars. The bridge is scour critical with a sufficiency rating of 69.8.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$330,000
Potential Funding Sources	State Bridge Bonds, Road and Bridge
Transportation Sales Tax Project	No

WEIGHT LIMIT
26T
40T
40T
BRIDGE NO. 90515 (72)
10-23-2013

BRIDGE NO. 90515 (72)
10-23-2013

BRIDGE NO. 90515 (72)
10-23-2013

BRIDGE NO. 90515 (72)
10-23-2013


9
10
150 St
17
16
150 St
T-750
14
18
481 Av
Perch Creek
15
to
St James
26
32
19
145 St
21
145 St
22
23
10
145 St
T-76
20
BRIDGE #90515
CERESCO
136
Spring
Branch Cr
481 Av
486 Av
T-406
494 Av
WPA
140 St
137
140 St
140 St
26
T-75
27
473 Av
30
29
28
T-404
137 St
137 St
137 St
137
T-56
T-57

2018

CSAH 40 - Bridge 90535 over Willow Creek

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment without the need for guardrail. The existing wooden box culvert is significantly crushing, splitting and rotting with misaligned segments. The bridge is structurally deficient with a sufficiency rating of 77.4.
Description	The bridge will be replaced with a precast concrete beam or slab span or precast concrete box culvert.
Estimated Cost	$505,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

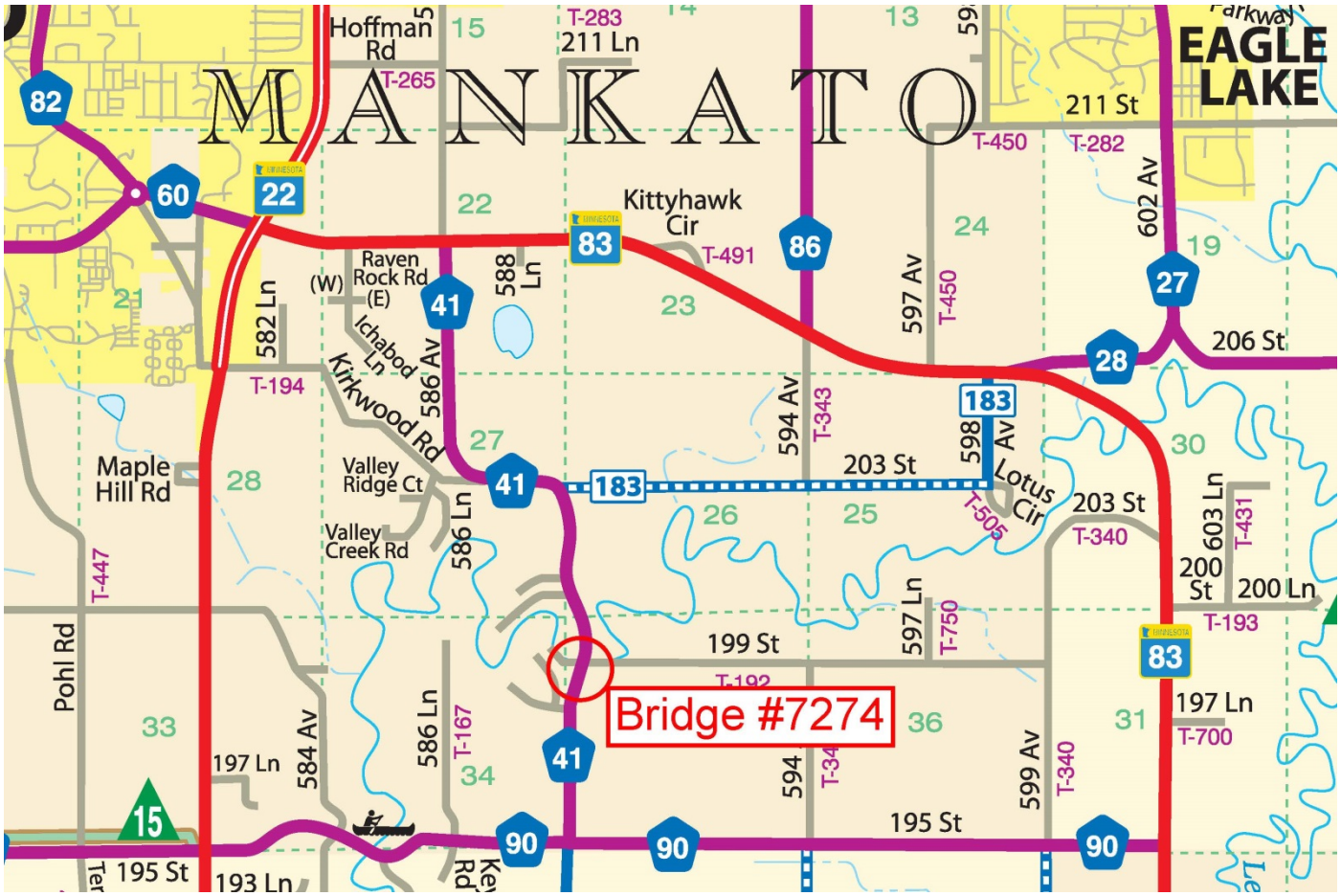
BRIDGE NO. 90535 (43)
10-16-2013

Willow Creek
30
40
32
140
144
147
63
1
57
111 St
T-19
108 St
T-20
105 St
T-2
104 St
T-3
100 St
489 Av
494 Av
T-397
495 Av
T-396
499 Av
503 Ln
T-693
505 Av
507 Av
510 Av
T-388
513 Av
T-188
515 Av
518 Av
519 Av
109 St
22
23
24
19
20
21
27
26
25
30
29
28
34
35
36
31
32
33
Bridge #90535
to Nashville Center
MARTIN CO
to Winnebago
FARIBAULT CO

2018

CSAH 41 - Bridge No. 7274 over Le Sueur River

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is narrow and is deteriorating. The bridge has significant corrosion on the steel beams and spalling concrete at the pier and footings. The bridge is structurally deficient with a sufficiency rating of 42.7.
Description	The bridge will be replaced with a precast concrete beam bridge.
Estimated Cost	$2,000,000
Potential Funding Sources	CSAH Regular(Road Approaches), 80% Federal, 20% State Bridge Bonds
Transportation Sales Tax Project	No


MANKATO
EAGLE LAKE
Bridge #7274
Hoffman Rd
T-265
T-283
211 Ln
211 St
T-450
T-282
602 Av
Kittyhawk Cir
T-491
Raven Rock Rd
(W)
(E)
Ichabod Ln
Kirkwood Rd
582 Ln
T-194
586 Av
588 Ln
597 Av
T-450
206 St
594 Av
T-343
598 Av
Lotus Cir
T-505
203 St
T-340
603 Ln
T-431
200 St
200 Ln
T-193
Maple Hill Rd
Valley Ridge Ct
Valley Creek Rd
586 Ln
T-447
Pohl Rd
597 Ln
T-750
199 St
T-192
197 Ln
T-700
584 Av
T-167
594
T-34
599 Av
T-340
195 St
193 Ln
Ken Rd

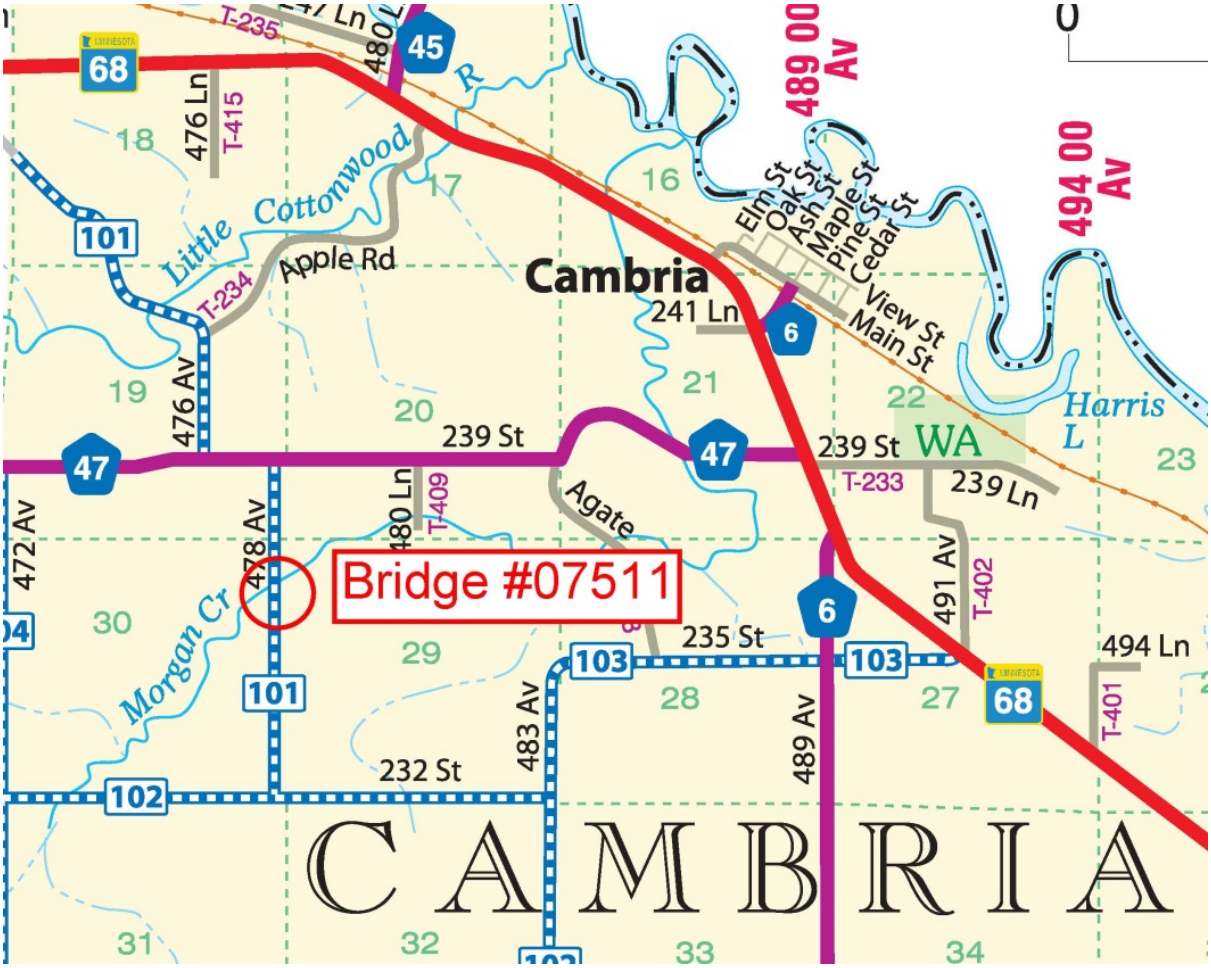
2018

County Road 101 - Bridge No. 07511 over Morgan Creek

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is deteriorated. The bridge consists of steel piling bents, deteriorating timber piling abutments and precast concrete channel deck. The bridge is structurally deficient with a sufficiency rating of 66.6.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$500,000
Potential Funding Sources	State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 07511 (200)
9-27-2011

BRIDGE NO. 07511 (200)
10-07-2013

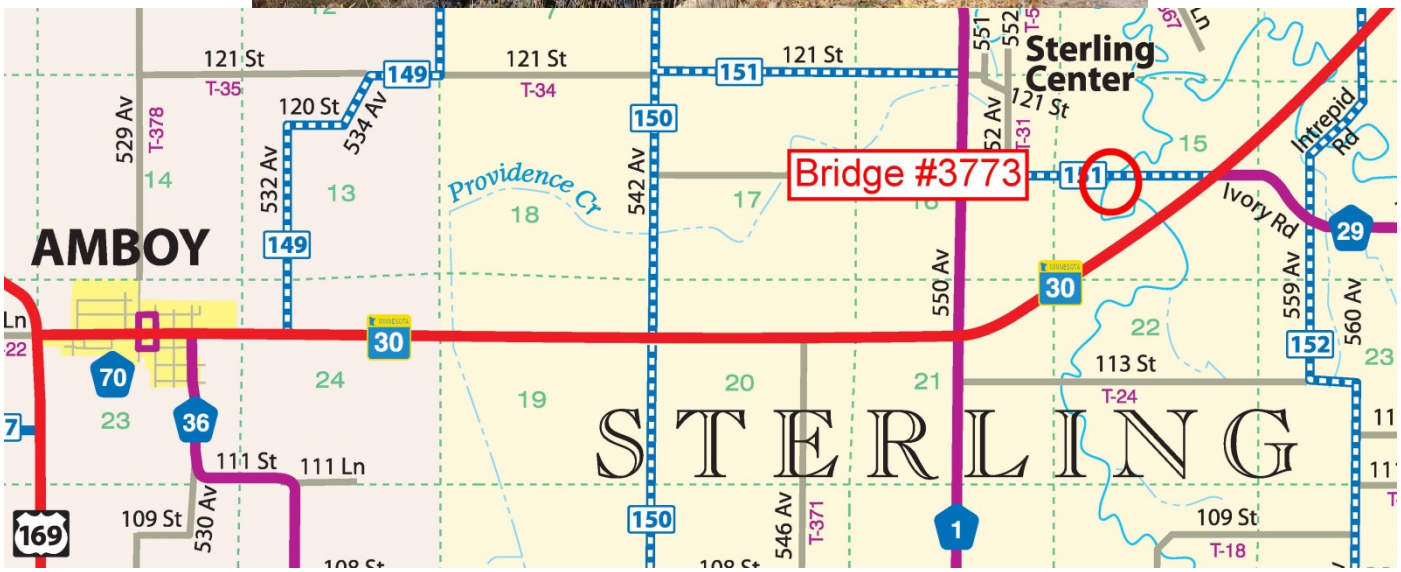

Bridge #07511
Cambria
CAMBRIA
Little Cottonwood
Morgan Cr
Harris L
WA
Apple Rd
Agate
Elm St
Oak St
Ash St
Maple St
Pine St
Cedar St
View St
Main St
239 St
241 Ln
235 St
232 St
239 Ln
494 Ln
476 Ln
476 Av
472 Av
478 Av
480 Ln
483 Av
489 Av
491 Av
489 00 Av
494 00 Av
T-235
T-415
T-234
T-409
T-233
T-402
T-401
68
45
47
101
102
103
6

2018

County Road 151 - Bridge No. 3773 over Rice Creek

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is very narrow and deteriorating. The bridge has a sufficiency rating of 75.6.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$500,000
Potential Funding Sources	State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 3773 (29)
10-27-2014

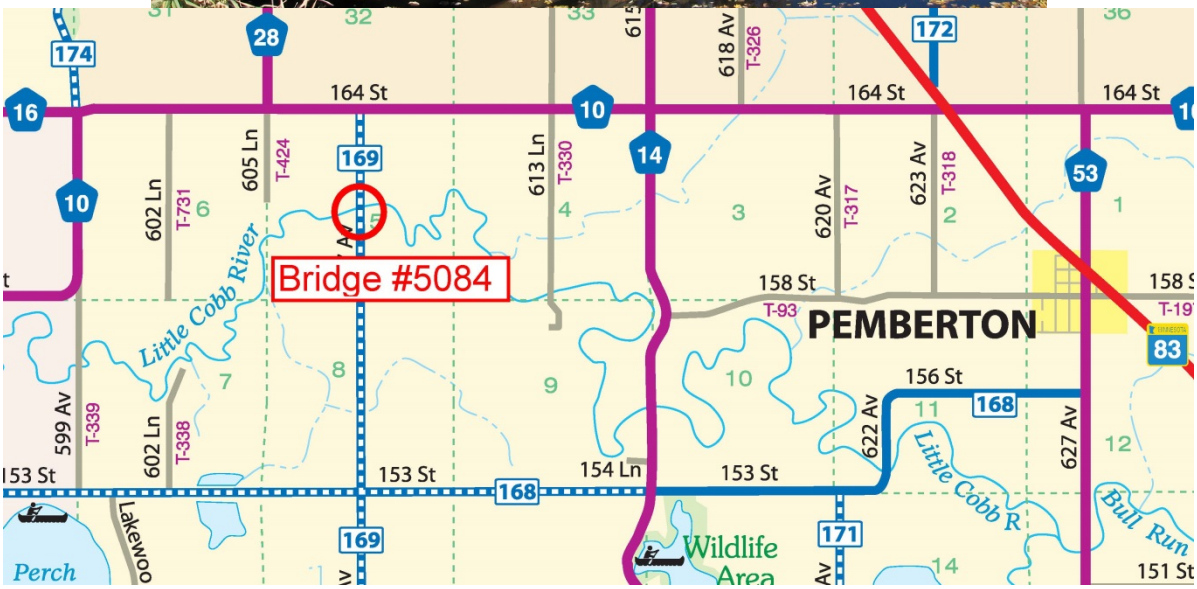

Bridge #3773
AMBOY
STERLING
Sterling Center
121 St
120 St
113 St
111 St
111 Ln
109 St
Providence Cr
Ivory Rd
Intrepid Rd
529 Av
532 Av
534 Av
542 Av
550 Av
559 Av
560 Av
530 Av
546 Av
149
150
151
152
30
29
70
36
169
1
T-35
T-34
T-378
T-31
T-24
T-18
T-371

2018

County Road 169 - Bridge No. 5084 over Little Cobb River

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is deteriorated and narrow. The bridge consists of concrete abutments, cracked and spalled concrete deck, and rusting steel beams. The bridge is scour critical and has a sufficiency rating of 60.2.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$540,000
Potential Funding Sources	State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 5084 (96)
10-20-2014

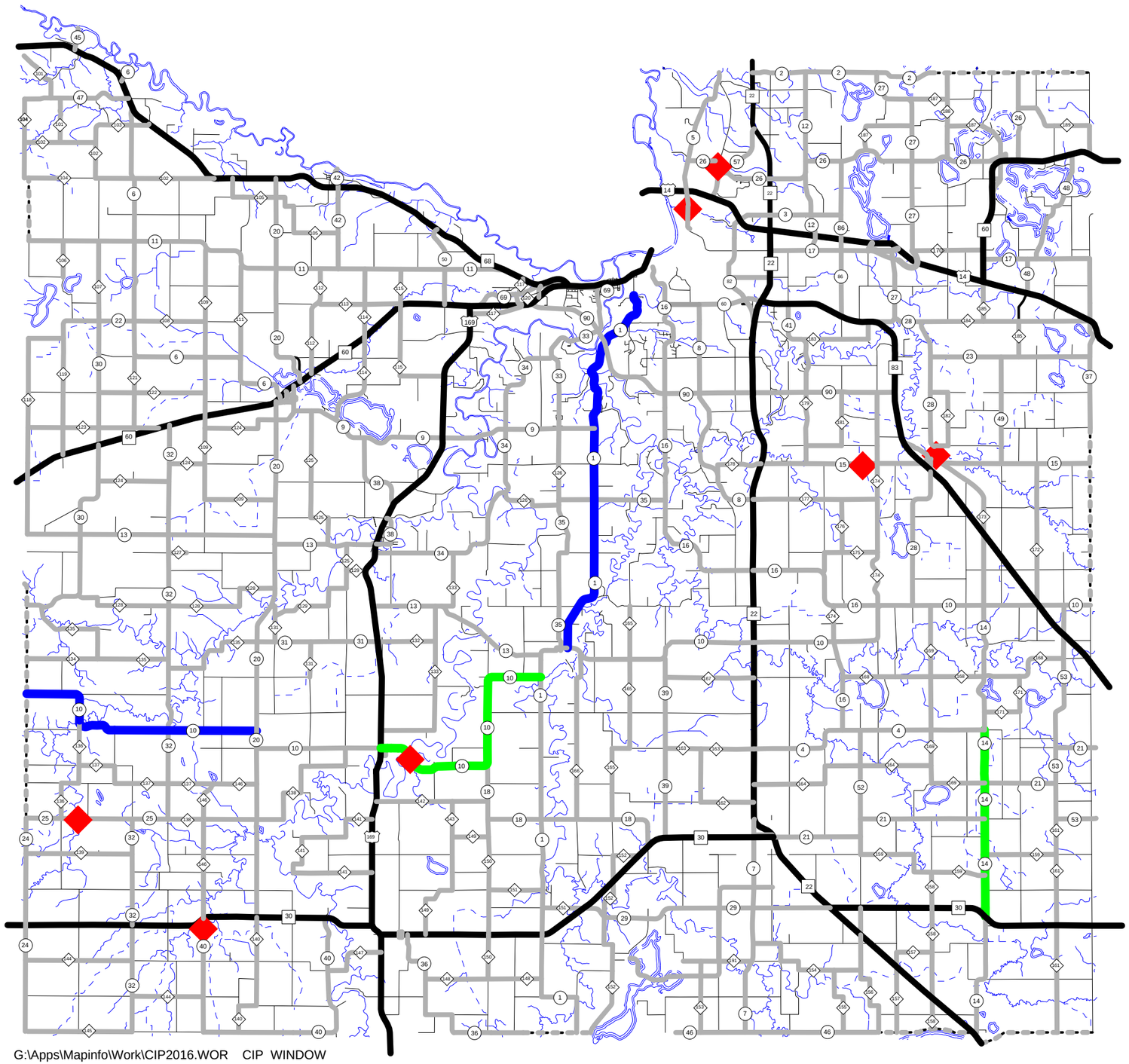

Bridge #5084
164 St
158 St
156 St
153 St
154 Ln
151 St
PEMBERTON
Little Cobb River
Little Cobb R
Bull Run
Wildlife Area
Perch
Lakewoo
599 Av
602 Ln
605 Ln
613 Ln
618 Av
620 Av
622 Av
623 Av
627 Av
T-731
T-424
T-330
T-326
T-317
T-318
T-339
T-338
T-93
174
28
16
10
169
14
172
53
83
168
171

BLUE EARTH COUNTY

2019 CAPITAL IMPROVEMENT PROJECTS

	2019	
Project Type	**Project**	**Cost**
Grading		
	CSAH 10 TH 169 to Good Thunder Grade	$4,000,000
	CSAH 14 TH 30 to CSAH 4 Grade	$2,100,000
	CSAH 27 CSAH 17 to CSAH 2 Design & ROW	$500,000
Paving		
	CSAH 1 CSAH 9 to Mankato	$2,000,000
	CSAH 10 CSAH 20 to West County Line	$1,450,000
	County Wide Overlays	$800,000
Bridges		
	CSAH 5 Over Stream # 90507	$410,000
	CSAH 10 Over Blue Earth River # 7150	$1,200,000
	CSAH 15 Over Stream # 90141	$280,000
	CSAH 25 Over Perch Creek # 90529	$250,000
	CSAH 26 Over Stream # L8990	$350,000
	CSAH 28 Over LeSueur River # 7220	$450,000
	CSAH 40 Over Willow Creek #5152	$410,000
Planning & Miscellaneous	**Planning, Cooperative Projects, Right of Way, & Construction Contingencies**	$1,000,000
	Total for 2019	**$15,200,000**

Available Funding	**2019**
CSAH Regular	$5,200,000
CSAH Municipal	
Federal Regular	
Federal Other	
State TH or State Bonds	$4,835,000
Town Bridge	
Township/City	
Sales Tax	$6,000,000
Sales Tax Pay Back	($2,000,000)
County	$1,200,000
Total	**$15,235,000**



G:\Apps\Mapinfo\Work\CIP2016.WOR CIP WINDOW

BEC CIP 2016-2020

2019

N

PAVING JOBS

GRADING JOBS

BRIDGE PROJECTS

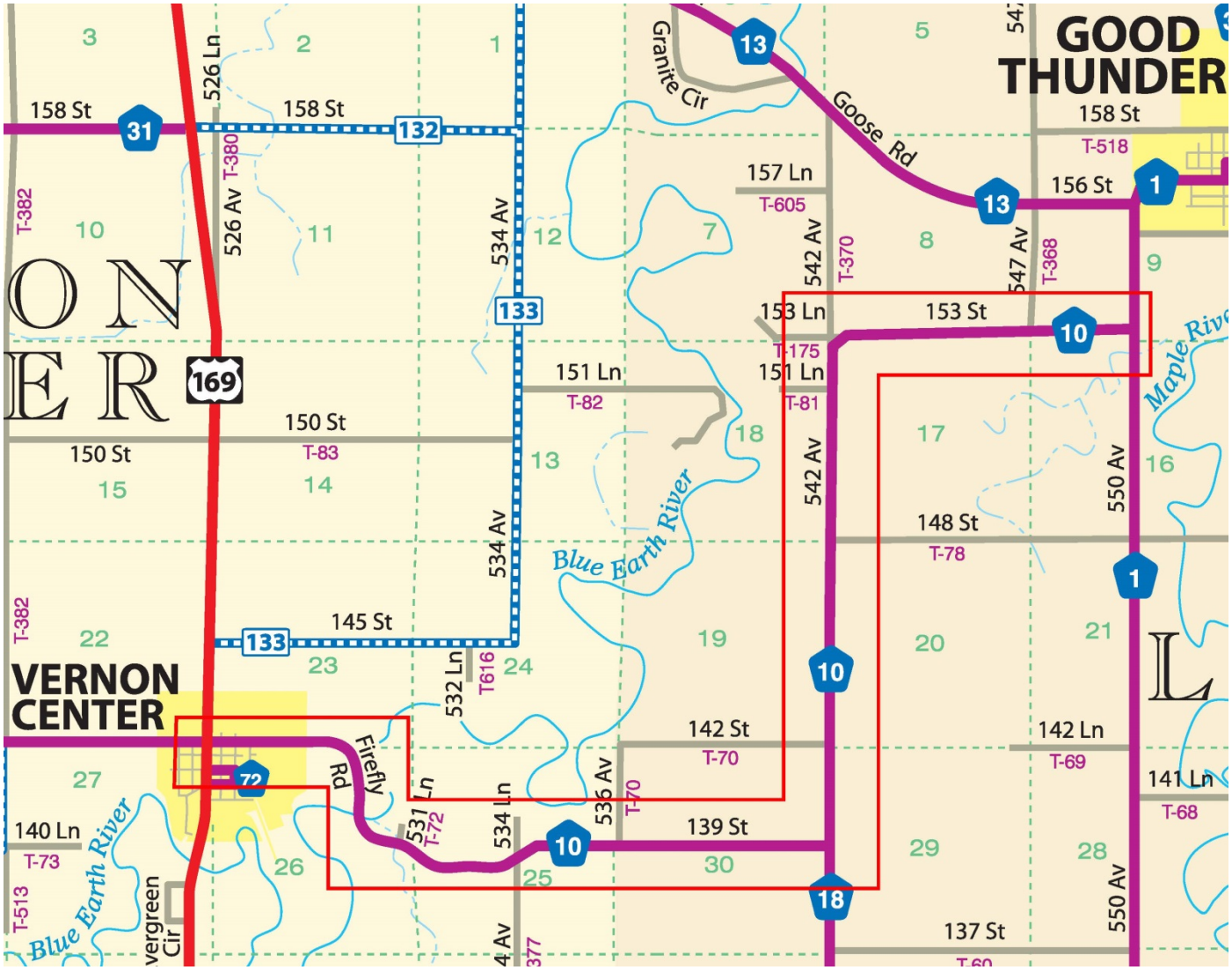
2/22/2016

2019

CSAH 10 - from MNTH 169 to Good Thunder

Project Type	Grading, CSAH, Rural Reconstruction
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes
Description	The curves will be re-graded, shoulders widened and the pavement will be cold-in-place recycled with a new bituminous wearing surface providing a strengthened 10 ton design meeting or exceeding State standards on this 7 mile segment. The final (top) lift of the bituminous wearing course will be completed in 2020.
Estimated Cost	$4,000,000
Potential Funding Sources	Transportation Sales Tax
Transportation Sales Tax Project	Yes

Google earth


GOOD THUNDER
VERNON CENTER
158 St
158 St
158 St
156 St
157 Ln
T-605
153 Ln
153 St
T-175
151 Ln
151 Ln
T-81
151 Ln
T-82
150 St
150 St
T-83
148 St
T-78
145 St
142 St
T-70
142 Ln
T-69
141 Ln
T-68
140 Ln
T-73
139 St
137 St
T-518
526 Ln
526 Av
T-380
T-382
534 Av
533 Ln
T-616
531 Ln
T-72
536 Av
T-70
542 Av
T-370
547 Av
T-368
550 Av
Granite Cir
Goose Rd
Firefly Rd
Blue Earth River
Maple River
evergreen Cir
T-513
31
132
133
169
72
13
10
18
1

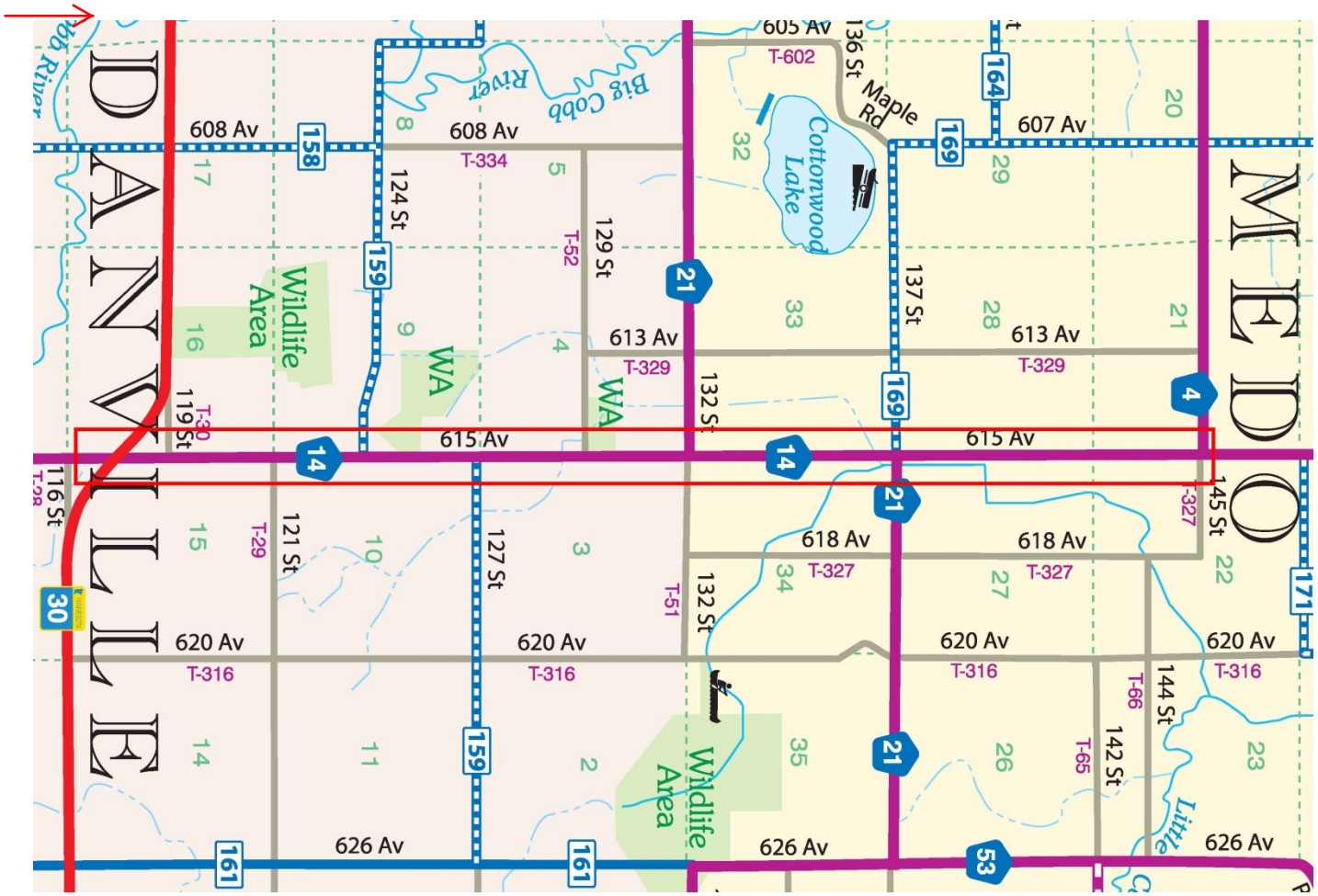
2019

CSAH 14 - MNTH 30 to CSAH 4

Project Type	CSAH, Rural Reconstruction
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes.
Description	The curves will be re-graded, shoulders widened and the pavement will be cold-in-place recycled with a new bituminous wearing surface providing a strengthened 10 ton design meeting or exceeding State standards on this 5.3 mile segment. The final (top) lift of the bituminous wearing course will be completed in 2020.
Estimated Cost	$2,100,000
Potential Funding Sources	CSAH Regular, Road & Bridge
Transportation Sales Tax Project	No

615th Ave
Exit Street View
Google earth

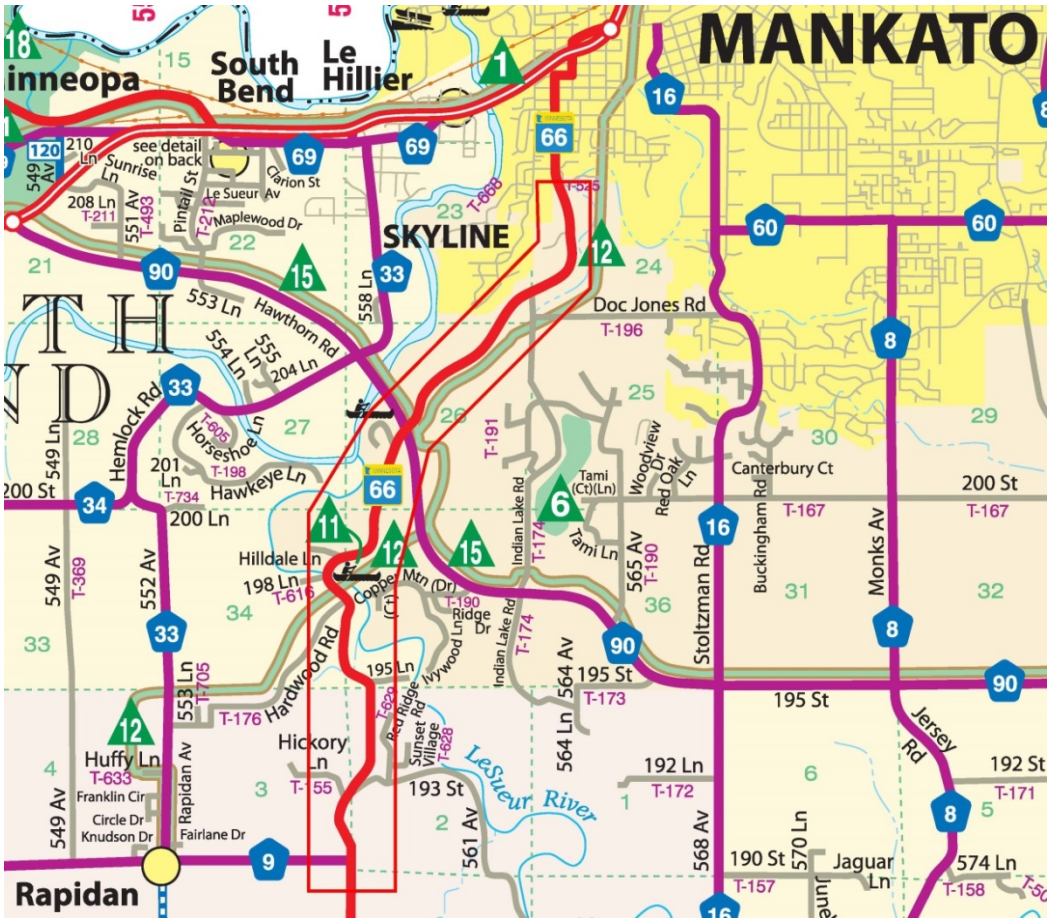
N


MEDO
DANVILLE
605 Av
T-602
136 St
Maple Rd
Cottonwood Lake
607 Av
164
169
20
29
32
21
28
33
137 St
613 Av
T-329
132 St
4
14
21
615 Av
145 St
T-327
22
171
618 Av
T-327
34
27
132 St
T-51
620 Av
T-316
144 St
T-66
142 St
T-65
23
26
35
Little
626 Av
53
161
159
Wildlife Area
608 Av
T-334
158
Big Cobb River
124 St
T-52
129 St
5
8
9
WA
4
17
16
T-30
119 St
116 St
T-28
30
Old River
15
T-29
121 St
10
127 St
3
2
11
14

2019

CSAH 1 - from CSAH 9 to Mankato

Project Type	MAPO, CSAH, Turnback, Paving
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes. 4) Improve the connection from the centrally located Good Thunder region to Mankato
Description	Several State jurisdiction studies have recommended TH 66 jurisdiction be transferred from the State to County resulting in less cost and better service to the public. The road will be added to the County State Aid Highway System providing additional CSAH revenue to maintain the road. Grading will result in a roadway meeting or exceeding State standards. Pavement will be cold in place recycled with a new bituminous wearing surface. The segment from CSAH 90 to Mankato is designated as a Type III Natural Preservation Route which facilitates preservation of the scenic and natural beauty of this segment. This project will place the final (top) bituminous wearing course over the 4 mile segment that was graded in 2018.
Estimated Cost	$2,000,000
Potential Funding Sources	Turnback
Transportation Sales Tax Project	No


MANKATO
South Bend
Le Hillier
SKYLINE
Rapidan
see detail on back
Doc Jones Rd
T-196
Hawthorn Rd
Hemlock Rd
Hawkeye Ln
Hilldale Ln
Hardwood Rd
Hickory Ln
Huffy Ln
T-633
Franklin Cir
Circle Dr
Knudson Dr
Fairlane Dr
Rapidan Av
Le Sueur Av
Maplewood Dr
Clarion St
Sunrise Ln
Pintail St
Horseshoe Ln
Copper Mtn (Dr)
Ridge Dr
Ivywood Ln
Red Ridge
Sunset Rd
Village
Indian Lake Rd
Tami (Ct)(Ln)
Tami Ln
Woodview Dr
Red Oak Ln
Canterbury Ct
Buckingham Rd
Stoltzman Rd
Monks Av
Jersey Rd
Jaguar Ln
LeSueur River
200 St
195 St
192 St
190 St
193 St
192 Ln
195 Ln
200 Ln
553 Ln
554 Ln
555 Ln
558 Ln
204 Ln
201 Ln
198 Ln
210 Ln
208 Ln
549 Av
551 Av
552 Av
553 Ln
561 Av
564 Av
564 Ln
565 Av
568 Av
570 Ln
574 Ln

2019

CSAH 10 - CSAH 20 to West County Line

Project Type	CSAH, Rural, Paving
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes
Description	This project will place the final (top) bituminous wearing course over the 7 mile segment that was graded in 2018.
Estimated Cost	$1,450,000
Potential Funding Sources	CSAH Regular
Transportation Sales Tax Project	No

40

CERESCO
CENTER
VERNON CENTER
Perch Creek
Spring Branch Cr
Porter L
Blue Earth River
Cattail Rd
Evergreen Cir
WPA
WA
150 St
145 St
140 St
137 St
148 St
142 St
142 Ln
140 Ln
136 St
473 Av
481 Av
486 Av
494 Av
499 Av
502 Av
507 Av
510 Av
511 Av
514 Av
515 Av
521 Av
478 Av
482 Av
489 Av
136 Ln
T-750
T-76
T-75
T-56
T-57
T-404
T-406
T-412
T-395
T-394
T-387
T-77
T-74
T-84
T-382
T-73
T-513
T-58
T-59
T-85

2019

CSAH 5 - Bridge No. 90507 over Stream

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing steel culvert bridge is narrow and deteriorated. The bridge has a sufficiency rating of 78.8.
Description	The bridge will be replaced with a precast concrete box culvert.
Estimated Cost	$410,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds
Transportation Sales Tax Project	No

BRIDGE NO. 90507 (179)
9-26-2011

BRIDGE NO. 90507 (179)
9-26-2011

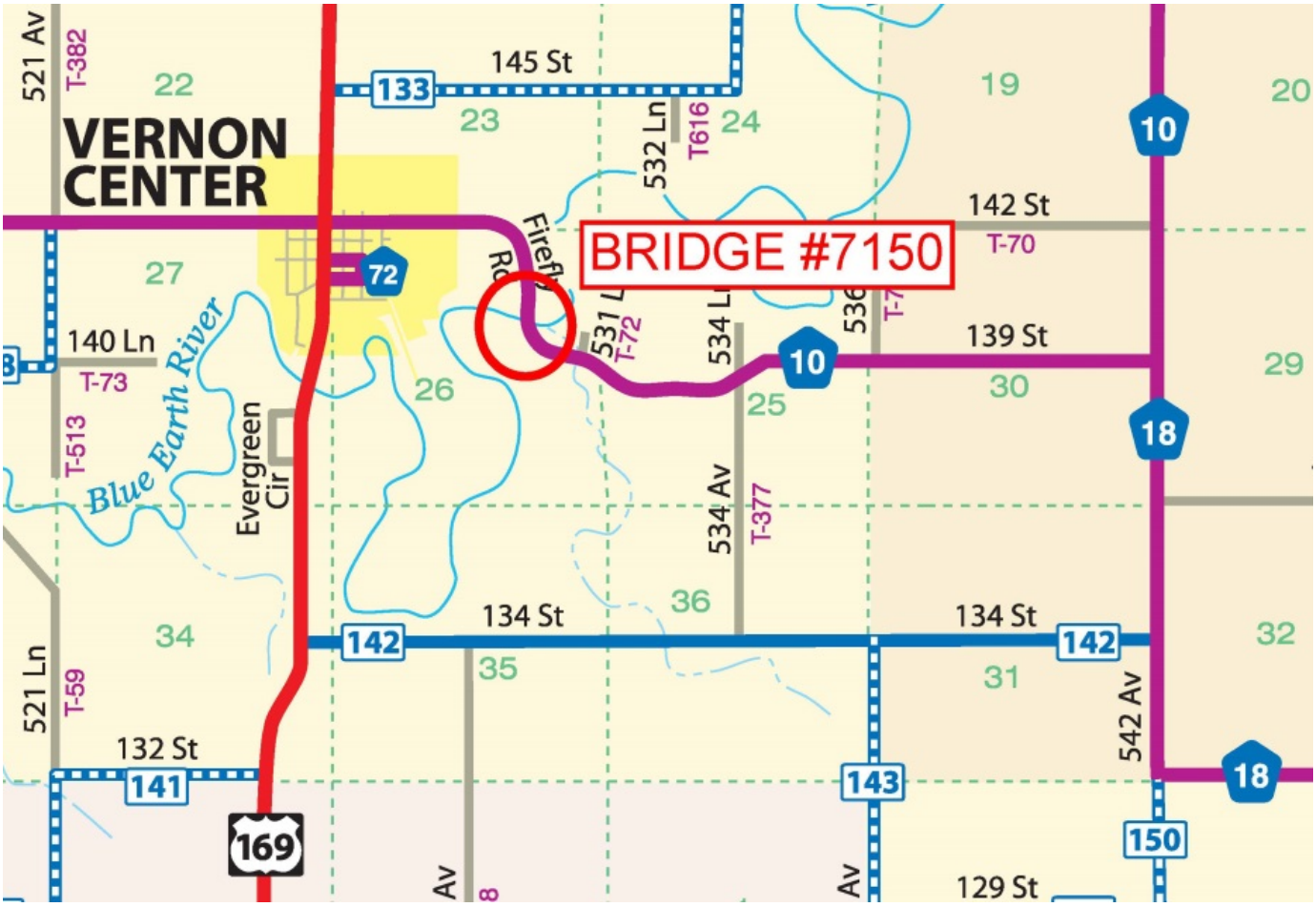
Bridge #90507
see detail on back
East Minnesota River Game Refuge
LIME
MANKATO
238 Ln
238 St
T-302
Alley Dr
Pegasus Cir
Stonehenge (Pl)
(Ct)
Deerhaven Dr
T-39
3rd Av
231 Ln
230 Ln
T-448
Lime Valley Rd
T-273
231 St
T-301
Industrial Rd
N Riverfront Dr
Kestrel Dr
232 Ln
D, M, & E RR
227 St
North Victory Dr
589 Av
T-351
586 Av
T-353
Hoffman Rd
Mary Oak Cir
T-650
T-305
583 Av
T-352
570 Av
T-303
Pl
to
er
oads

2019

CSAH 10 - Bridge No. 7150 over the Blue Earth River

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is narrow and deteriorated. The bridge consists of rusted steel girders, concrete abutments, and piers. The bridge is scour critical with a sufficiency rating of 79.4. The bridge has pin and hanger connections which require ultrasonic examination.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$1,200,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road and Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 7150 (79)
10-14-2015

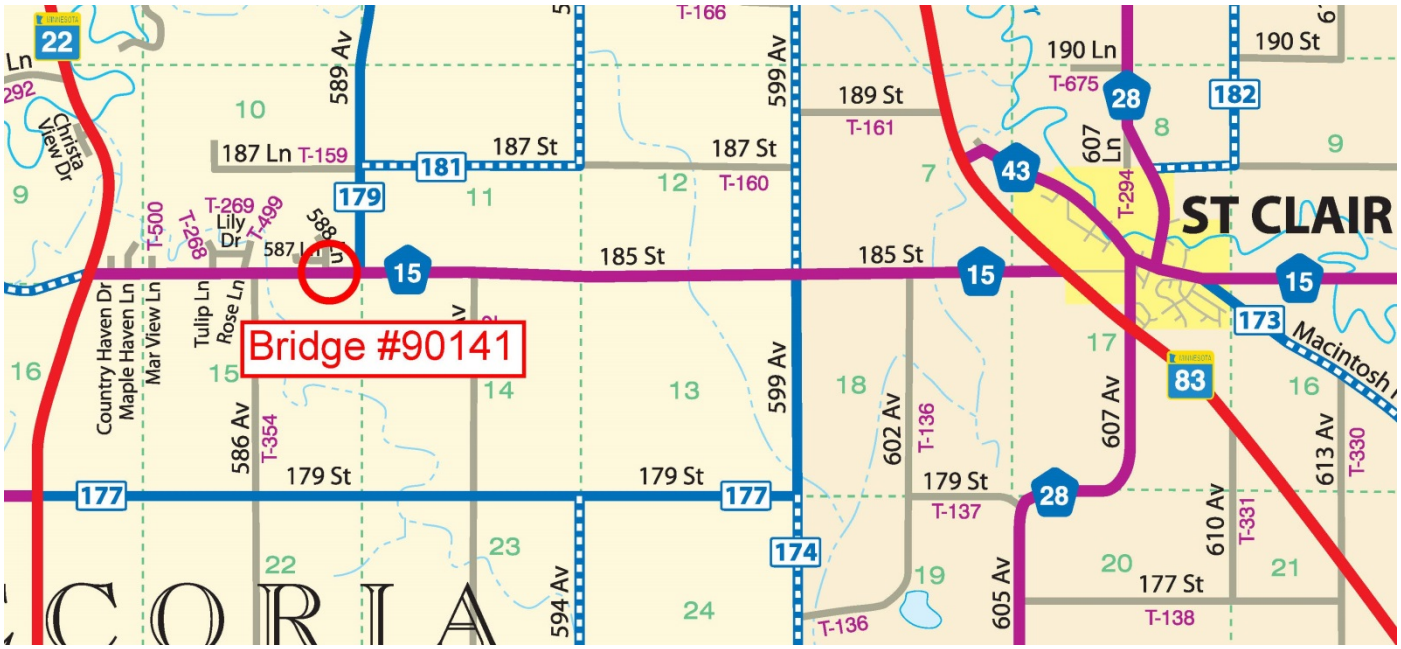

VERNON CENTER
BRIDGE #7150
145 St
133
532 Ln
T616
142 St
T-70
139 St
134 St
132 St
129 St
521 Av
T-382
140 Ln
T-73
T-513
521 Ln
T-59
Blue Earth River
Evergreen Cir
Firefly Rd
531 Ln
T-72
534 Ln
534 Av
T-377
542 Av
72
10
18
142
141
143
150
169
22
23
24
19
20
27
26
25
30
29
34
35
36
31
32

2019

CSAH 15 - Bridge No. 90141 over Stream

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment without the need for guardrail. The steel culvert bridge is distorted and deteriorating with a sufficiency rating of 83.7.
Description	The bridge will be replaced with a precast concrete box culvert.
Estimated Cost	$280,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 90141 (117)
10-09-2014

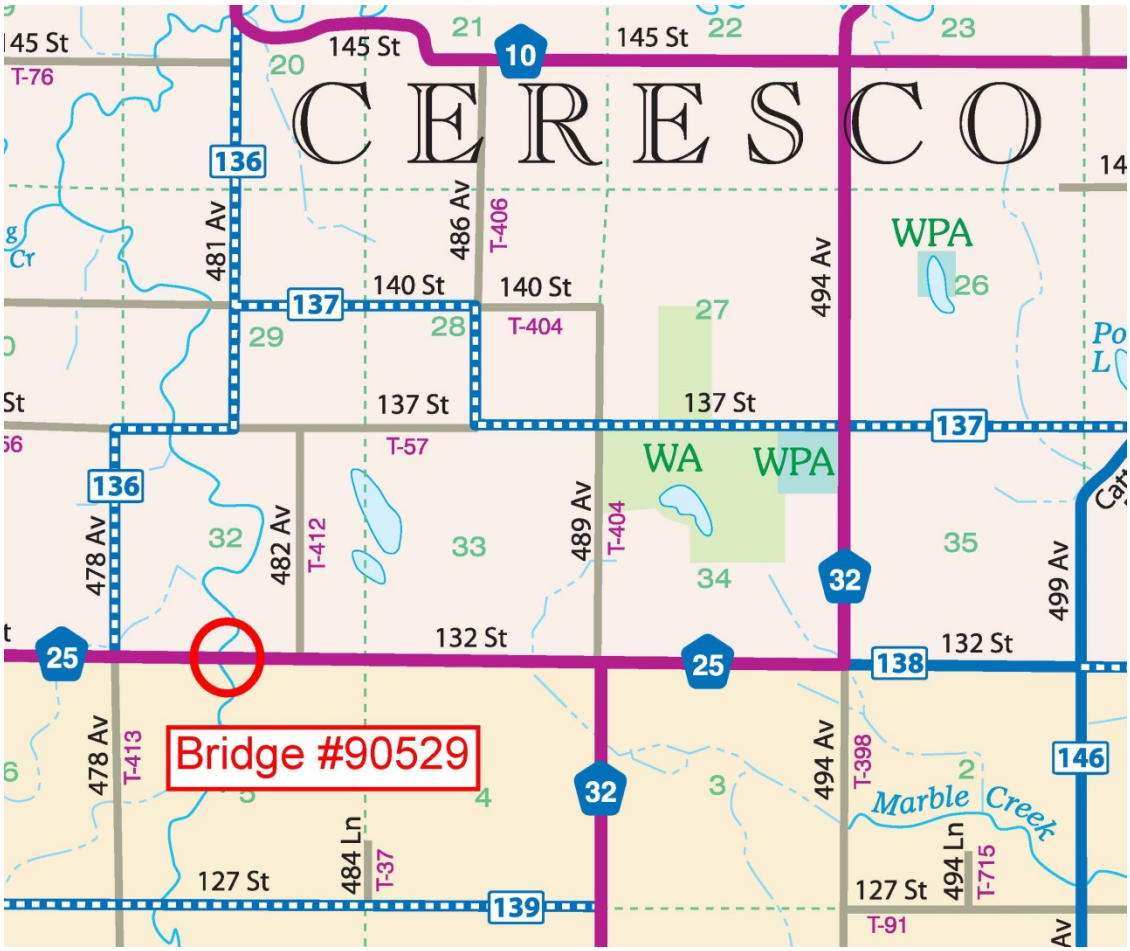

Bridge #90141
ST CLAIR
185 St
179 St
187 St
187 Ln
189 St
190 Ln
190 St
177 St
589 Av
599 Av
586 Av
594 Av
602 Av
605 Av
607 Av
610 Av
613 Av
607 Ln
587 Ln
588 Ln
Lily Dr
Tulip Ln
Rose Ln
Country Haven Dr
Maple Haven Ln
Mar View Ln
Christa View Dr
Macintosh
T-166
T-159
T-160
T-161
T-675
T-294
T-269
T-499
T-268
T-500
T-354
T-136
T-137
T-138
T-331
T-330
22
181
179
15
177
174
28
43
182
173
83

2019

CSAH 25 - Bridge No. 90529 over Perch Creek

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is deteriorated and narrow. The concrete bridge has numerous cracks and is deteriorating with a sufficiency rating of 82.9.
Description	The bridge will be replaced with a slab span or precast concrete beam bridge.
Estimated Cost	$250,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds
Transportation Sales Tax Project	No

BRIDGE NO. 90529 (66)
10-20-2015

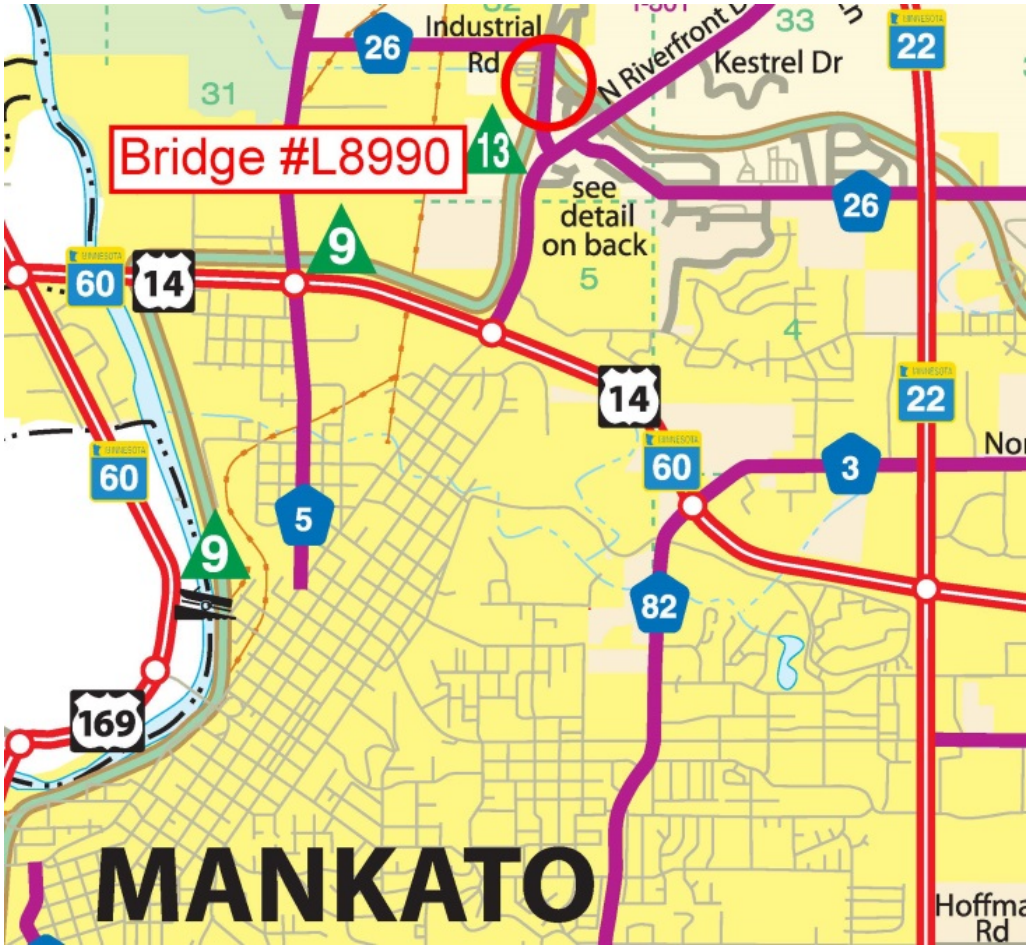

CERESCO
145 St
T-76
145 St
145 St
10
136
481 Av
486 Av
T-406
140 St
140 St
137
T-404
494 Av
WPA
26
27
29
28
137 St
137 St
137
T-57
WA
WPA
136
478 Av
482 Av
T-412
489 Av
T-404
32
33
34
35
32
499 Av
132 St
132 St
25
25
138
Bridge #90529
478 Av
T-413
32
494 Av
T-398
146
Marble Creek
484 Ln
T-37
494 Ln
T-715
127 St
127 St
139
T-91

2019

CSAH 26 - Bridge L8990 over Stream

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment without the need for guardrail. The existing bridge is narrow, deteriorated and distorted. The steel culvert has a sufficiency rating of 82.5.
Description	The steel culvert will be replaced with precast concrete box culvert.
Estimated Cost	$350,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. L8990 (183)
09-14-2015


Bridge #L8990
Industrial Rd
N Riverfront
Kestrel Dr
see detail on back
MANKATO
Hoffma Rd
26
22
13
9
60
14
5
3
82
169

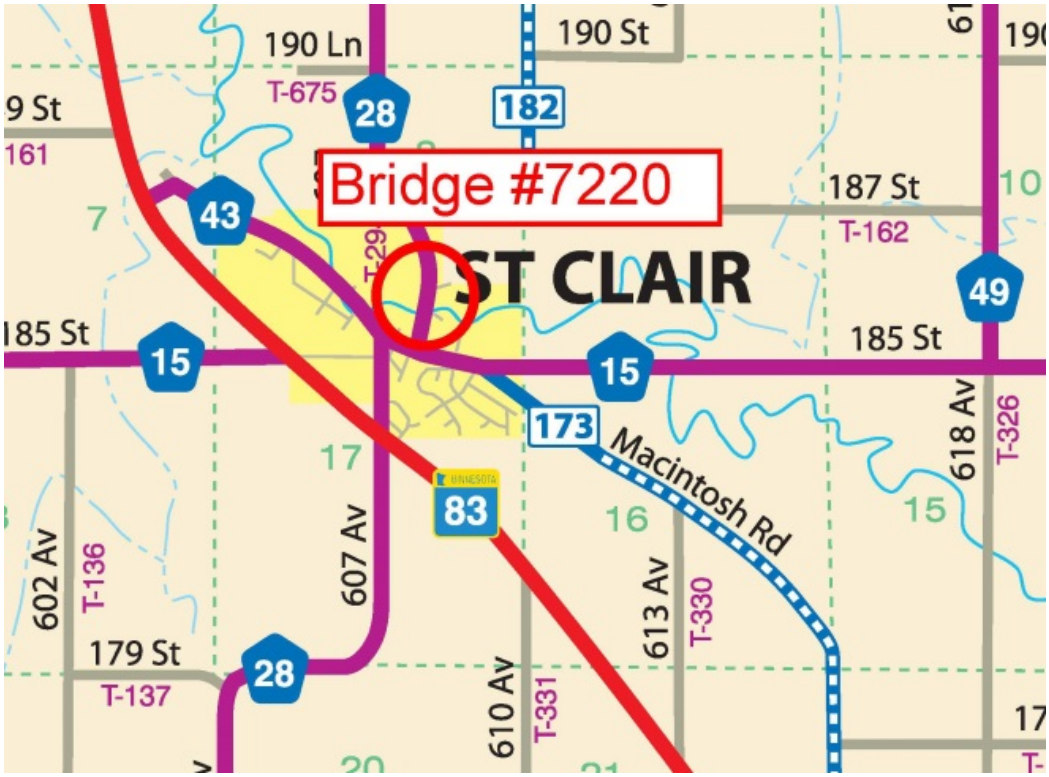
2019

CSAH 28 - Bridge No. 7220 over the Le Sueur River

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is deteriorated and narrow. The underside of the concrete bridge deck has areas of exposed corroded rebar with the bridge deck, columns, and abutments spalling and having numerous cracks. The bearings are rusted and the steel girders also have moderate rust and damage to the bottom flanges. The bridge is load posted and has a sufficiency rating is 62.8. Consider moving bridge to earlier year if monitoring warrants.
Description	The bridge will be replaced with a slab span or precast concrete beam bridge.
Estimated Cost	$450,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 7220 (112)
10-11-2010

BRIDGE NO. 7220 (112)
10-11-2010


190 Ln
190 St
T-675
28
182
Bridge #7220
187 St
T-162
43
ST CLAIR
49
185 St
15
15
185 St
173
Macintosh Rd
618 Av
T-326
83
607 Av
602 Av
T-136
613 Av
T-330
179 St
T-137
28
610 Av
T-331

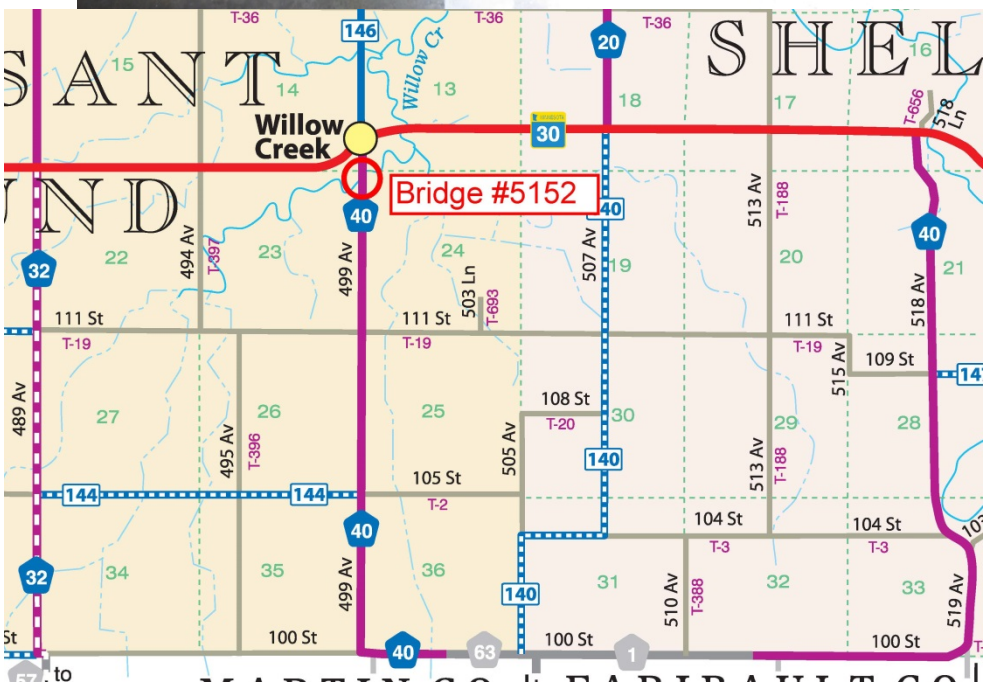
2019

CSAH 40 - Bridge No. 5152 over Willow Creek

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is deteriorated. The concrete bridge deck has minor cracking and efflorescence. The bridge deck was widened using timbers which are now separating from the concrete deck and decaying. The bridge is load posted, and scour critical with a sufficiency rating of 65.9
Description	The bridge will be replaced with a slab span or precast concrete beam bridge.
Estimated Cost	$410,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 5152 (44)
10-11-2011

BRIDGE NO. 5152 (44)
10-11-2011

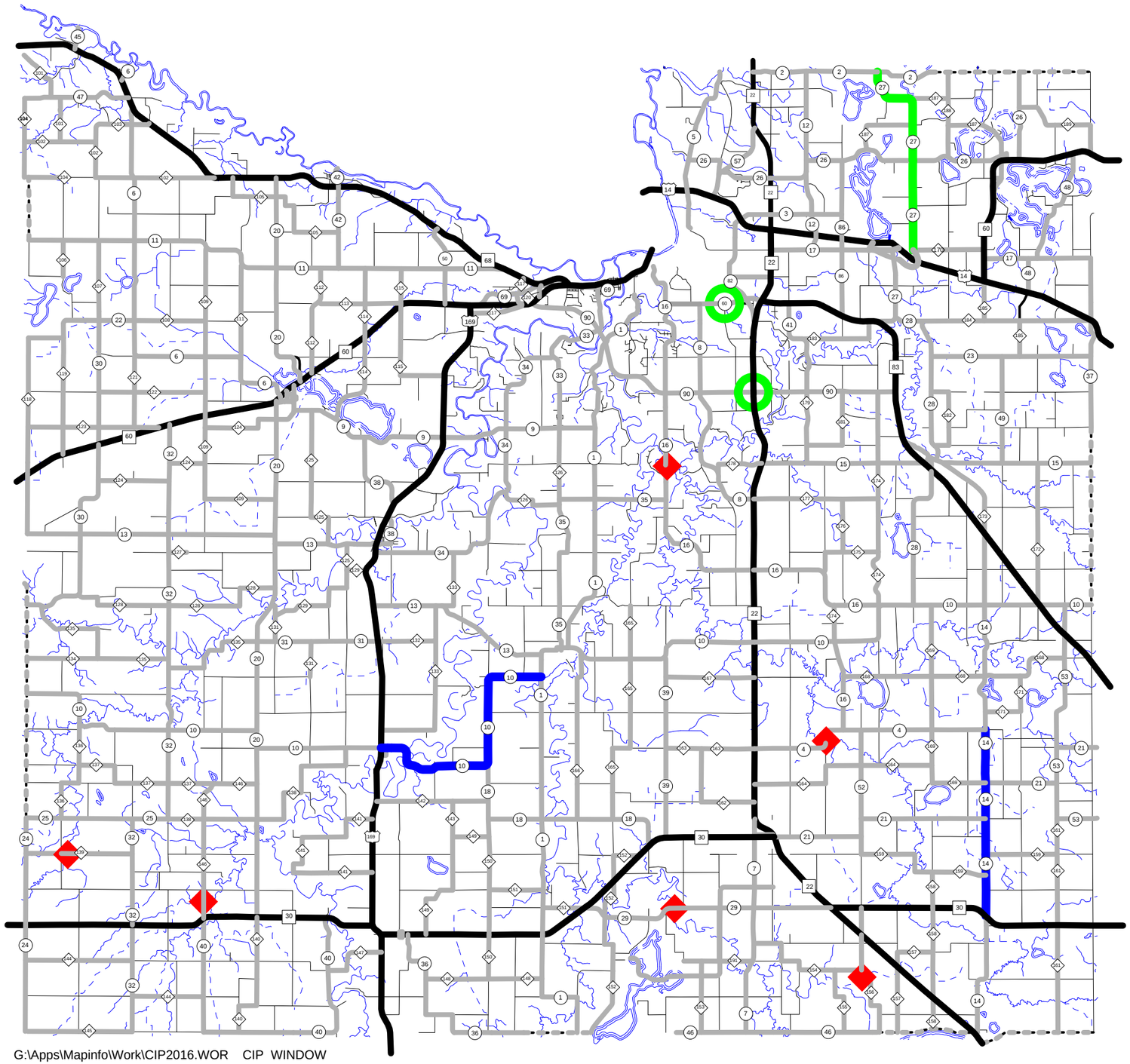

Willow Creek
Bridge #5152
Willow Cr
111 St
105 St
108 St
104 St
100 St
109 St
489 Av
494 Av
495 Av
499 Av
503 Ln
505 Av
507 Av
510 Av
513 Av
515 Av
518 Av
519 Av
518 Ln
T-36
T-19
T-2
T-20
T-3
T-396
T-397
T-693
T-188
T-388
T-656
146
20
30
40
32
140
144
63
1

BLUE EARTH COUNTY

2020 CAPITAL IMPROVEMENT PROJECTS

	2020	
Project Type	**Project**	**Cost**
Grading		
	CSAH 27 CSAH 17 to CSAH 2 Grade	$3,600,000
	CSAH 60 Roundabout with Pohl Road Grade & Pave	$1,000,000
	CSAH 90 Roundabout with TH 22 Grade & Pave	$1,000,000
Paving		
	CSAH 10 TH 169 to Good Thunder	$2,300,000
	CSAH 14 TH 30 to CSAH 4	$1,400,000
	County Wide Overlays	$1,950,000
Bridges		
	CSAH 4 Over Big Cobb River # 07509	$550,000
	CSAH 16 Over LeSueur River #07512	$1,320,000
	CSAH 29 Over Maple River #7190	$670,000
	CR 139 Over Perch Creek # 90571	$380,000
	CR 146 Over Perch Creek # 90523	$260,000
	CR 156 Over Maple River # 90555	$280,000
Planning & Miscellaneous	**Planning, Cooperative Projects, Right of Way, & Construction Contingencies**	$900,000
	Total for 2020	**$15,610,000**

Available Funding	**2020**
CSAH Regular	$5,500,000
CSAH Municipal	
Federal Regular	
Federal Other	
State TH or State Bonds	$3,380,000
Town Bridge	
Township/City	$500,000
Sales Tax	$6,800,000
Sales Tax Pay Back	($2,000,000)
County	$1,500,000
Total	**$15,680,000**



G:\Apps\Mapinfo\Work\CIP2016.WOR CIP WINDOW

BEC CIP 2016-2020

2020

N

PAVING JOBS

GRADING JOBS

BRIDGE PROJECTS

2/22/2016

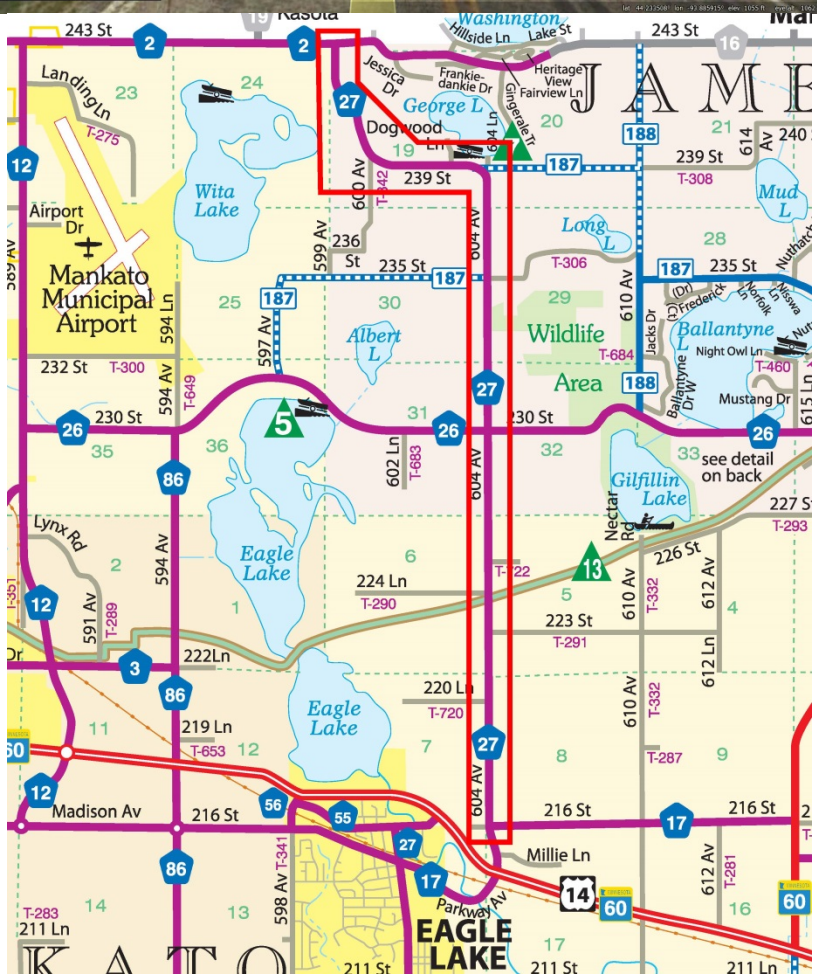
2020

CSAH 27 - from CSAH 17 to CSAH 2

Project Type	CSAH, Rural Reconstruction
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes.
Description	The curves will be re-graded, shoulders widened and the pavement will be cold-in-place recycled with a new bituminous wearing surface providing a strengthened 10 ton design meeting or exceeding State standards on this 6 mile segment. The final (top) lift of the bituminous wearing course will be completed at a later date.
Estimated Cost	$3,600,000
Potential Funding Sources	Transportation Sales Tax
Transportation Sales Tax Project	Yes

Google earth

Google earth

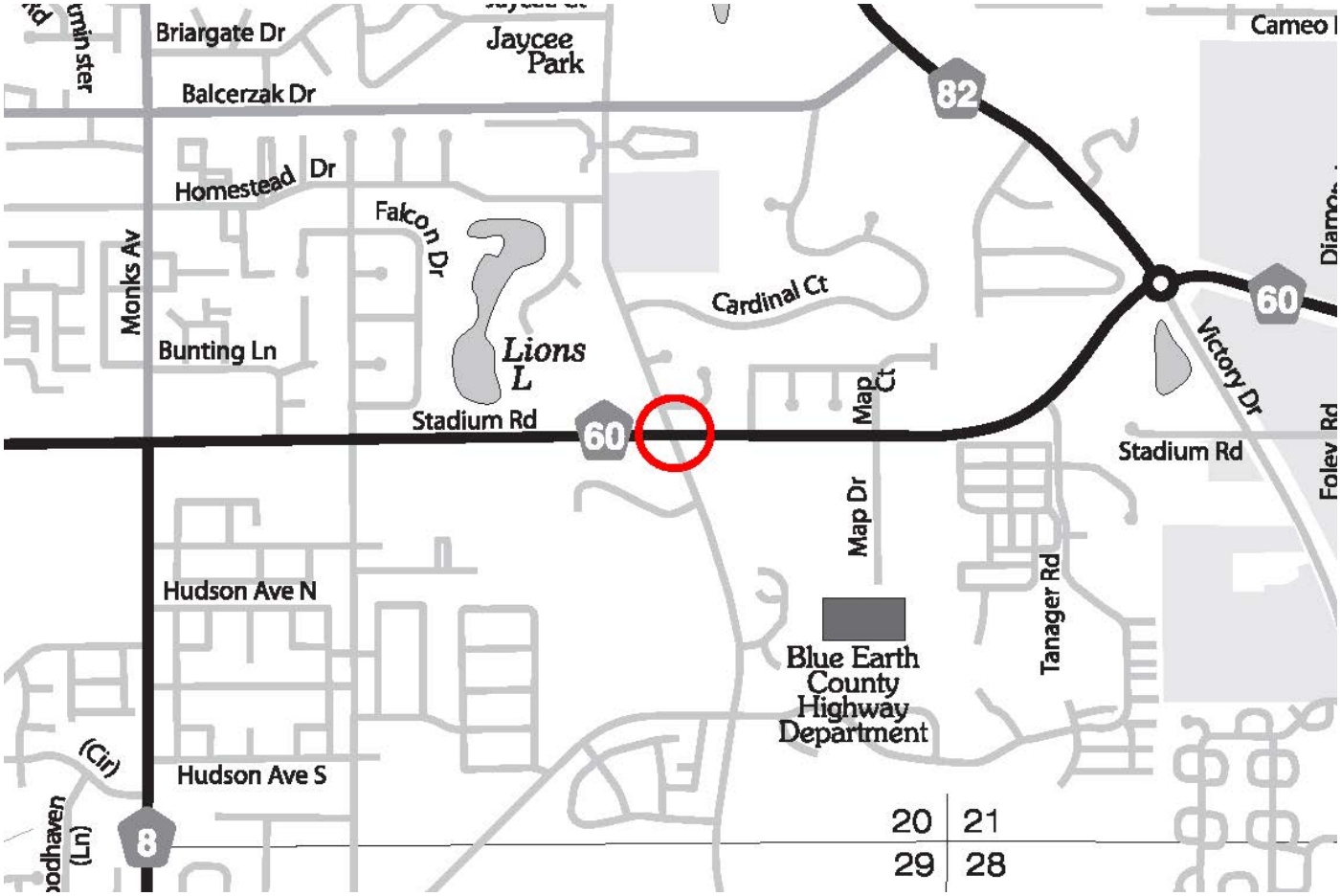

243 St
Landing Ln
Airport Dr
Mankato Municipal Airport
Wita Lake
Washington
Hillside Ln
Lake St
Jessica Dr
Frankie-dankie Dr
Heritage View
Fairview Ln
Gingerale Tr
George L
Dogwood Ln
239 St
Mud L
Long L
235 St
Albert L
Wildlife Area
Ballantyne L
Night Owl Ln
Mustang Dr
232 St
230 St
see detail on back
Gilfillin Lake
Nectar Rd
Lynx Rd
Eagle Lake
224 Ln
226 St
223 St
222Ln
220 Ln
219 Ln
Madison Av
216 St
Millie Ln
Parkway Av
EAGLE LAKE
211 Ln
211 St

2020

CSAH 60 - Roundabout at Pohl Road

Project Type	MAPO, CSAH Municipal
Purpose & Need	1) Reduce traffic congestion and improve overall Level of Service (LOS). 2) Increase intersection safety and operational capacity. 3) Meet LOS warrants for forecasted increases in traffic levels 4) Increase mobility throughout the southern portion of Mankato between MNTH 22, Rosa Parks Elementary, and Minnesota State University as the area continues to grow. The Mankato Area Planning Organization (MAPO) 2045 Long Range Transportation Plan identifies this intersection for its current congestion and predicts a LOS of F (failure) during peak hours by calendar year 2030.
Description	MAPO 2045 is currently developing an Intersection Control Evaluation for a proposed traffic control improvement.
Estimated Cost	$1,000,000
Potential Funding Sources	City of Mankato, Transportation Sales Tax
Transportation Sales Tax Project	Yes

Exit Street View
Google earth

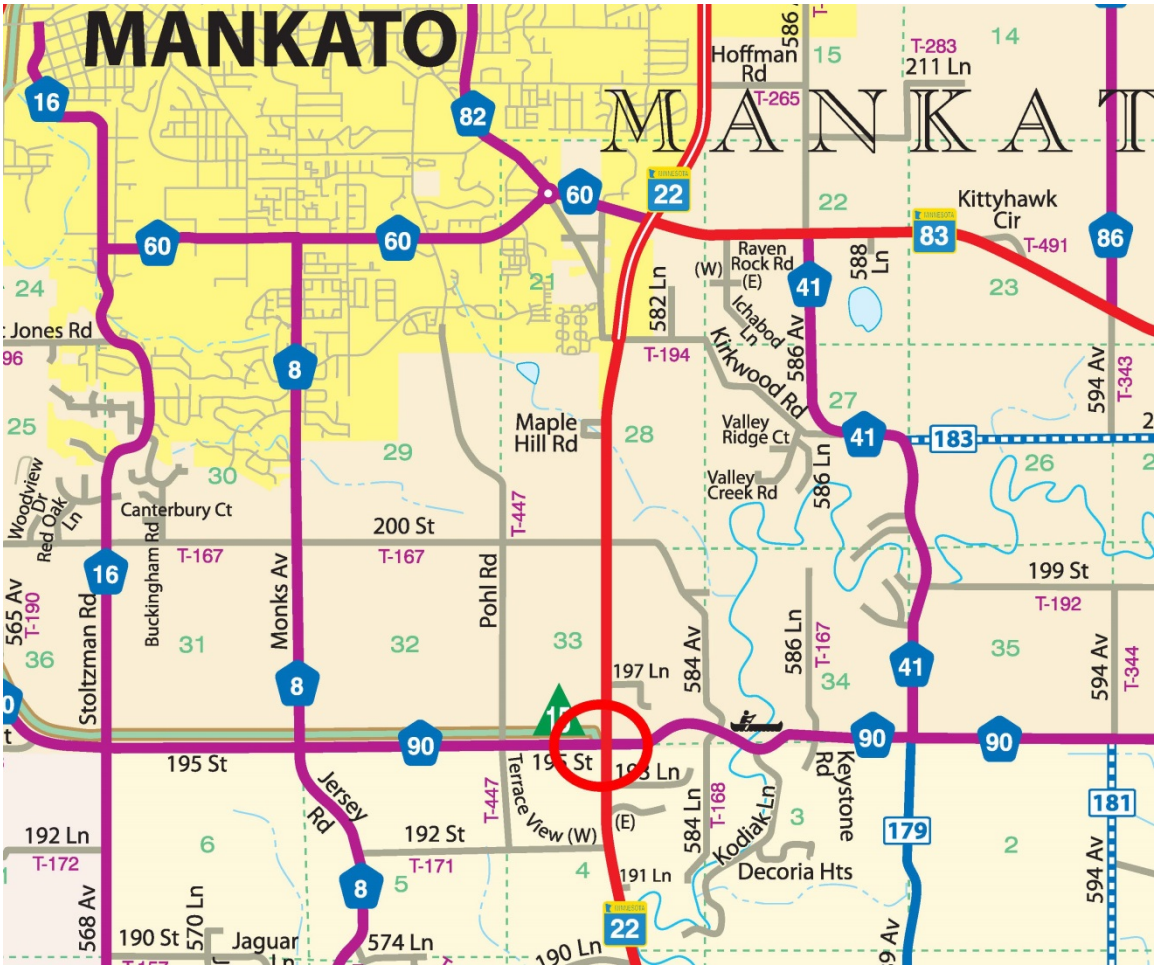

Briargate Dr
Jaycee Park
Balcerzak Dr
Homestead Dr
Falcon Dr
Monks Av
Bunting Ln
Lions
Cardinal Ct
Stadium Rd
60
82
Map Ct
Map Dr
Victory Dr
Stadium Rd
Tanager Rd
Hudson Ave N
Blue Earth County Highway Department
Hudson Ave S
8
20
21
29
28

2020

CSAH 90 - Roundabout at MNTH 22

Project Type	MAPO, CSAH, Safety Improvement
Purpose & Need	1) Increase intersection safety. 2) Reduce critical crash rate resulting in injury or fatality. The Mankato Area Planning Organization (MAPO) 2045 Long Range Transportation Plan identifies this intersection as a key intersection having a critical crash rate above average warranting further review and mitigation. The high critical crash rate is attributed to the large amount of right angle crashes due to side street stop control as well as excessive speed, and limited mainline gaps during peak traffic periods.
Description	The MAPO 2045 Long Range Transportation Plan identifies the need for installation of warning signs and/or a collision warning system in the intermediary, with the completed Intersection Control Evaluation (ICE) report recommending a roundabout. An HSIP grant application for Federal funds has been submitted by the County and MnDOT.
Estimated Cost	$1,000,000
Potential Funding Sources	State, Transportation Sales Tax
Transportation Sales Tax Project	Yes

County Rd 90
Exit Street View
© 2019 Google
© 2018 Google
Google earth

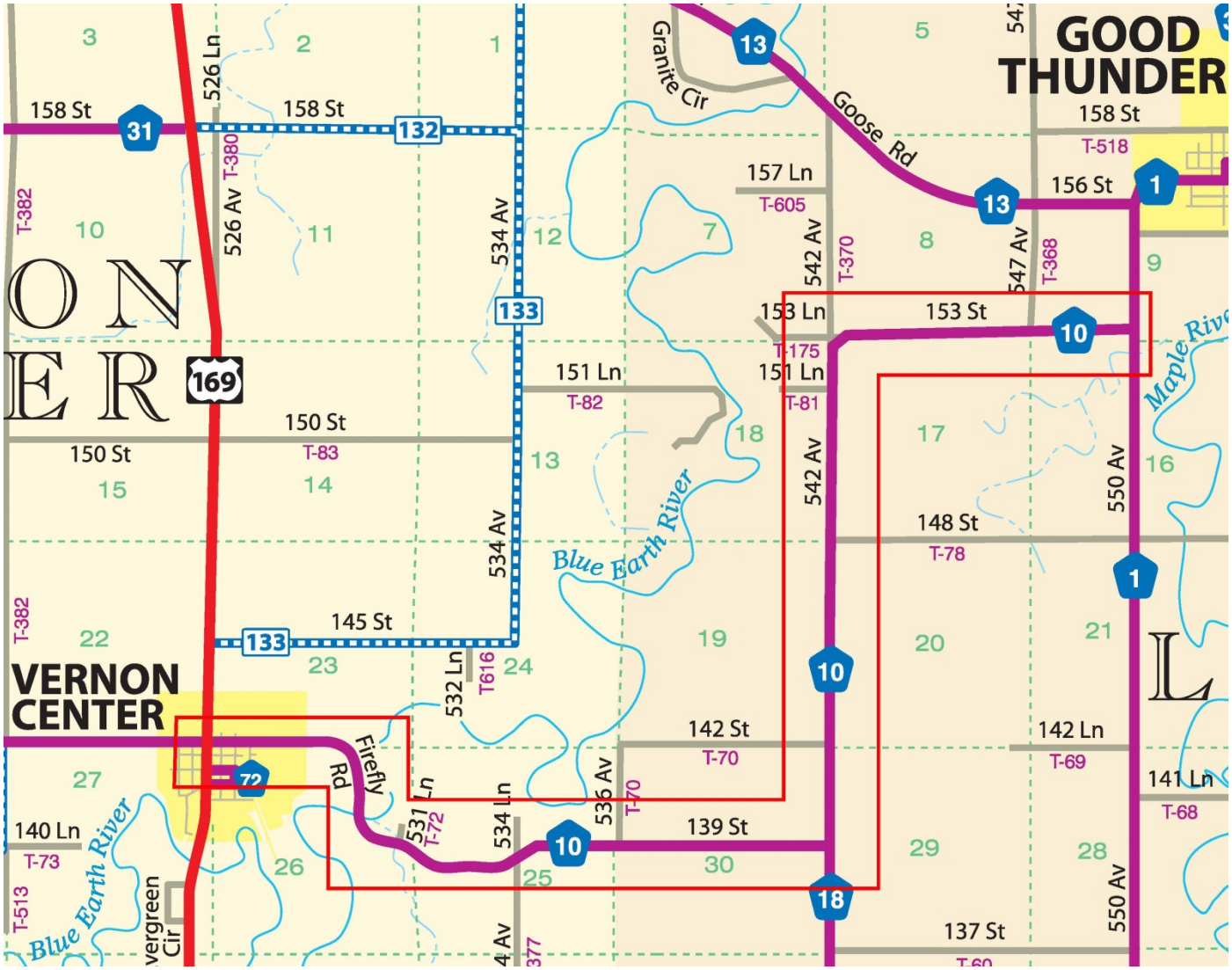

MANKATO
Hoffman Rd
T-265
T-283
211 Ln
Kittyhawk Cir
T-491
Raven Rock Rd
(W)
(E)
Ichabod Ln
Kirkwood Rd
582 Ln
T-194
586 Av
588 Ln
Valley Ridge Ct
Valley Creek Rd
586 Ln
Maple Hill Rd
Jones Rd
Woodview Dr
Red Oak Ln
Canterbury Ct
Buckingham Rd
T-167
200 St
Monks Av
Pohl Rd
T-447
199 St
T-192
594 Av
T-343
T-344
565 Av
T-190
Stoltzman Rd
197 Ln
584 Av
195 St
Jersey Rd
Terrace View (W)
(E)
584 Ln
T-168
Kodiak Ln
Keystone Rd
Decoria Hts
192 Ln
T-172
192 St
T-171
191 Ln
568 Av
570 Ln
190 St
Jaguar
574 Ln
190 Ln
179
181

2020

CSAH 10 - MNTH 169 to Good Thunder

Project Type	CSAH, Rural Reconstruction, Paving
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes
Description	This project will place the final (top) bituminous wearing course over the 7 mile segment that was graded in 2019.
Estimated Cost	$2,300,000
Potential Funding Sources	CSAH Regular, Transportation Sales Tax
Transportation Sales Tax Project	Yes

Google earth


GOOD THUNDER
VERNON CENTER
158 St
158 St
158 St
156 St
157 Ln
T-605
153 Ln
153 St
T-175
151 Ln
151 Ln
T-81
151 Ln
T-82
150 St
150 St
T-83
148 St
T-78
145 St
142 St
T-70
142 Ln
T-69
141 Ln
T-68
140 Ln
T-73
139 St
137 St
T-518
526 Ln
526 Av
T-380
T-382
534 Av
533 Ln
T-616
531 Ln
T-72
536 Av
T-70
542 Av
T-370
547 Av
T-368
550 Av
Granite Cir
Goose Rd
Firefly Rd
Blue Earth River
Maple River
evergreen Cir
T-513
31
132
133
169
72
13
10
18
1

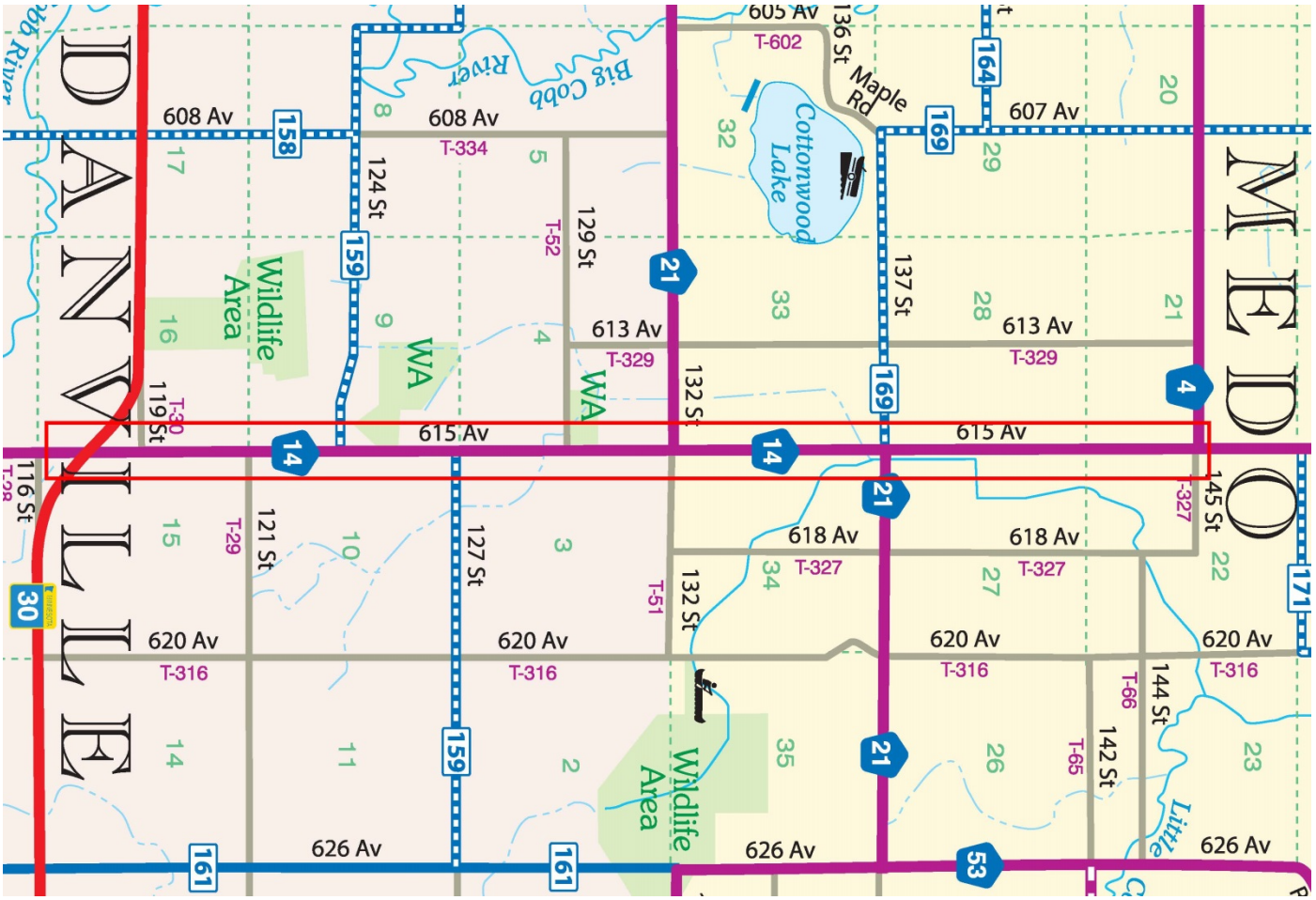
2020

CSAH 14 - from MNTH 30 to CSAH 4

Project Type	CSAH, Rural Reconstruction, Paving
Purpose & Need	1) Improve safety by constructing shoulders, ditch slopes, horizontal and vertical curves, recovery area meeting current geometric standards. 2) Provide 10 ton per axle smooth pavement serving farm to market freight traffic and quality access for our citizens. 3) Improve drainage obstructed by sediment filled ditches and deteriorated pipes.
Description	This project will place the final (top) bituminous wearing course over the 3.5 mile segment that was graded in 2019 .
Estimated Cost	$1,400,000
Potential Funding Sources	CSAH Regular
Transportation Sales Tax Project	No

615th Ave
Exit Street View
Google earth

N

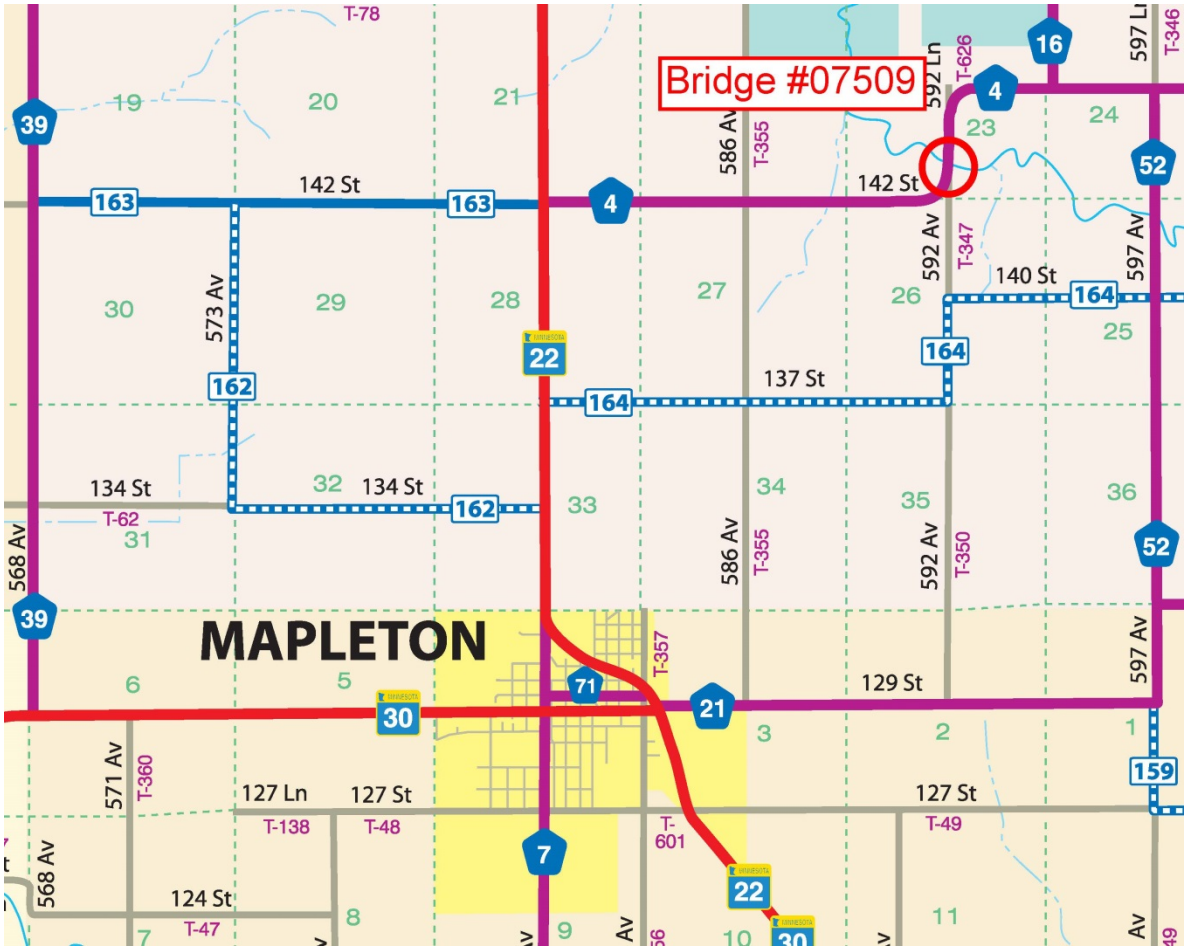

MEDO
DANVILLE
605 Av
T-602
136 St
Maple Rd
Cottonwood Lake
607 Av
164
169
20
29
32
21
4
613 Av
T-329
137 St
28
33
132 St
615 Av
14
21
145 St
T-327
22
171
618 Av
T-327
27
34
620 Av
T-316
144 St
T-66
142 St
T-65
23
26
35
626 Av
53
Little
Big Cobb River
608 Av
T-334
158
159
124 St
129 St
T-52
5
8
9
4
WA
Wildlife Area
17
16
T-30
119 St
116 St
T-28
30
121 St
T-29
127 St
T-51
3
10
15
14
2
11
161

2020

CSAH 4 - Bridge No. 07509 over the Big Cobb River

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is narrow and deteriorated. The bridge consists of concrete abutments, concrete pier caps with CIP piling and precast concrete deck channels. The precast concrete deck channels are cracked and spalled with exposed rebars. The bridge has a sufficiency rating of 92.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$550,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

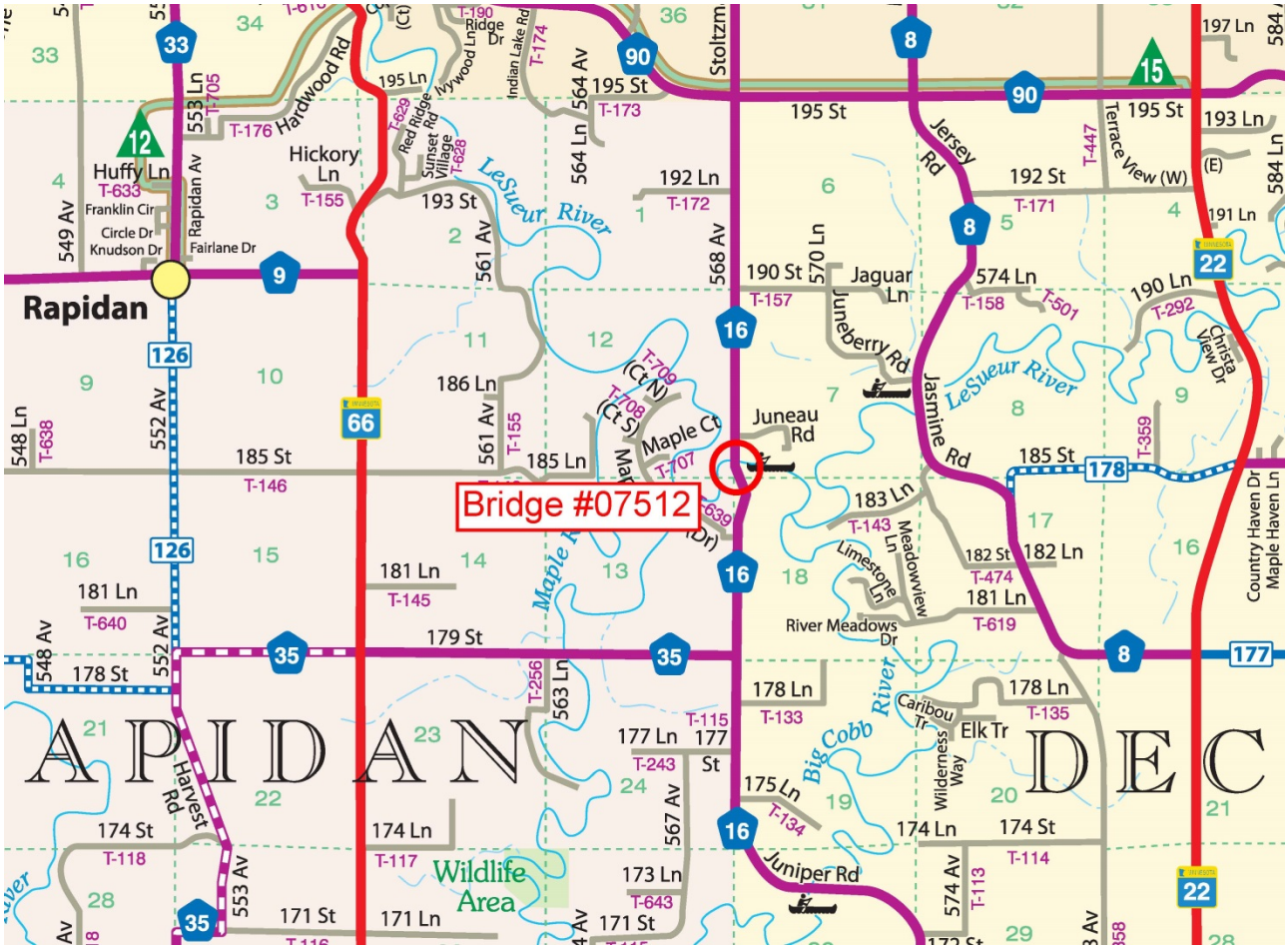
BRIDGE NO. 07509 (89)
10-19-2010


Bridge #07509
MAPLETON
142 St
140 St
137 St
134 St
129 St
127 St
127 Ln
124 St
573 Av
568 Av
571 Av
586 Av
592 Av
592 Ln
597 Av
597 Ln
T-78
T-62
T-138
T-48
T-47
T-360
T-355
T-347
T-626
T-350
T-357
T-601
T-49
T-346
163
162
164
159
39
4
16
52
22
30
71
21
7

2020

CSAH 16 - Bridge No. 07512 over the Le Sueur River

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is narrow and deteriorated. The bridge consists of concrete abutments & piers and steel girders. The concrete deck has some cracks with areas of delamination and spalling. The steel girders have sections with minor section loss. The bridge has a sufficiency rating of 83.4.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$1,320,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No


Bridge #07512
Rapidan
LeSueur River
Big Cobb River
Wildlife Area
Juniper Rd
Juneau Rd
Jasmine Rd
Jersey Rd
Hardwood Rd
Hickory Ln
Huffy Ln
Rapidan Av
Fairlane Dr
Stoltzm
Maple Cr
Maple R
Meadowview Ln
Limestone Ln
River Meadows Dr
Caribou Tr
Elk Tr
Wilderness Way
Juneberry Rd
Jaguar Ln
Terrace View (W)
Chrisa View Dr
Country Haven Dr
Maple Haven Ln
Harvest Rd
Indian Lake Rd
Ivywood Ln
Red Ridge Rd
Sunset Rd
Village Ridge Dr
Franklin Cir
Circle Dr
Knudson Dr
195 St
195 Ln
193 St
192 Ln
192 St
190 St
190 Ln
186 Ln
185 St
185 Ln
183 Ln
182 St
182 Ln
181 Ln
179 St
178 St
178 Ln
177 Ln
177 St
175 Ln
174 St
174 Ln
173 Ln
171 St
171 Ln
574 Ln
564 Ln
561 Av
568 Av
570 Ln
553 Ln
552 Av
548 Ln
549 Av
548 Av
553 Av
567 Av
574 Av
563 Ln
197 Ln
193 Ln
191 Ln
584 Ln
33
34
36
90
8
15
12
9
126
66
16
35
178
177
22

2020

CSAH 29 - Bridge No. 7190 over the Maple River

Project Type	CSAH Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is narrow and deteriorated. The bridge consists of concrete abutments, concrete pier caps with prestressed concrete piling and precast concrete deck channels. The precast concrete deck channels are cracked and spalled with exposed rebars showing section loss due to corrosion. The bridge has a sufficiency rating of 81.8.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$670,000
Potential Funding Sources	CSAH Regular, State Bridge Bonds
Transportation Sales Tax Project	No

BRIDGE NO. 7190 (23)
10-15-2012

BRIDGE NO. 7190 (23)
10-15-2012

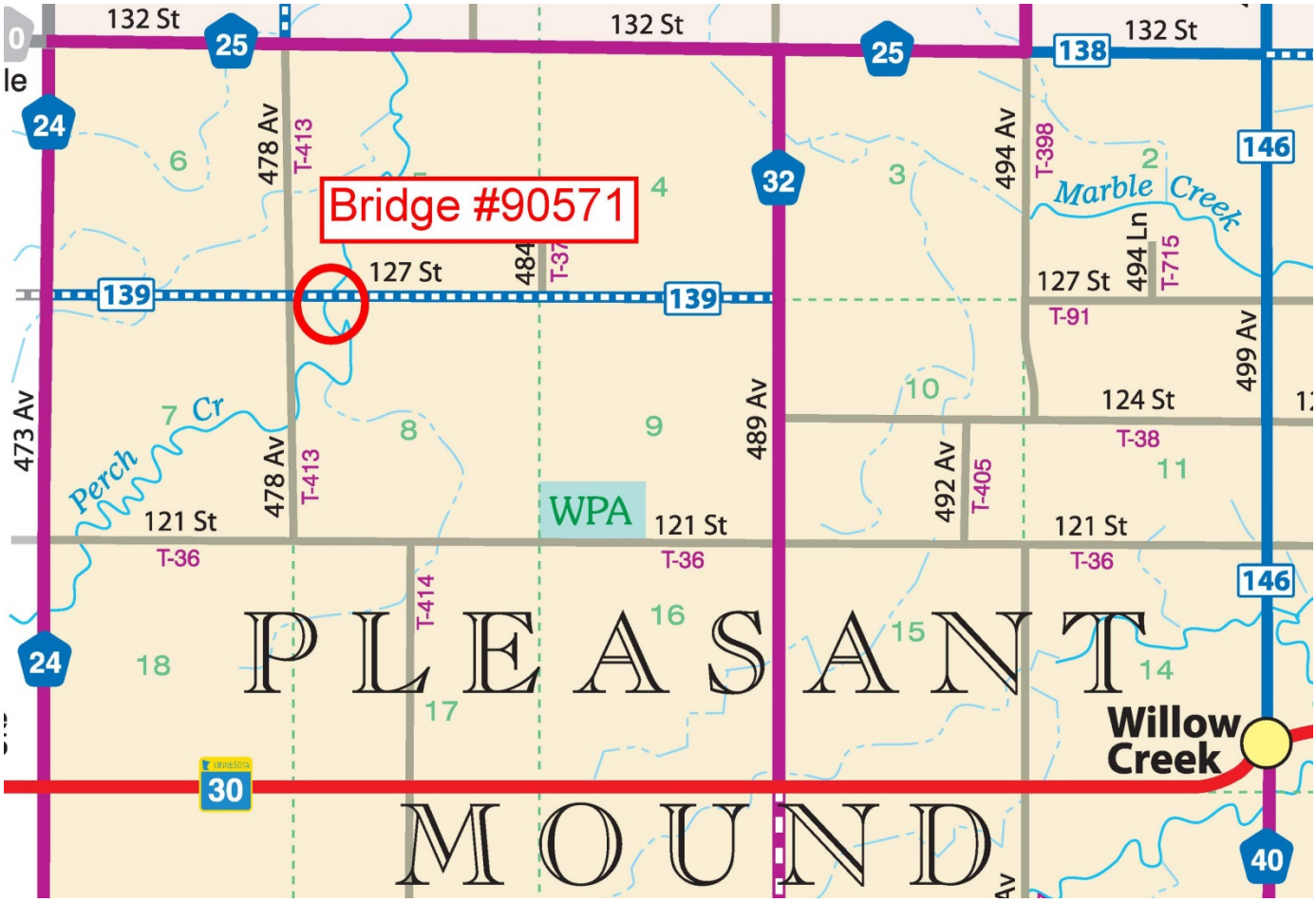
MAPLETON
Bridge #7190
Sterling Center
Wildlife Area
Maple River
550 Av
551 Ln
552 Ln
552 Av
555 Av
555 Ln
560 Av
565 Av
568 Av
571 Av
576 Av
581 Av
559 Av
569 Av
566 Av
127 St
125 Ln
125 St
124 St
124 Ln
127 Ln
121 St
119 St
117 St
115 St
113 St
112 St
Intrepid Rd
Ivory Rd
Inshore Rd
T-54
T-367
T-44
T-144
T-43
T-32
T-512
T-31
T-479
T-47
T-45
T-360
T-138
T-48
T-17
T-24
1
18
39
30
7
152
151
29
192

2020

County Road 139 - Bridge No. 90571 over Perch Creek

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is deteriorated. The bridge consists of timber abutments and piers, and precast concrete deck channels. The timber piling and pier caps are decaying. The precast concrete deck channels are showing signs of corrosion. The bridge has a sufficiency rating of 81.7.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$380,000
Potential Funding Sources	State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 90571 (64)
10-21-2011

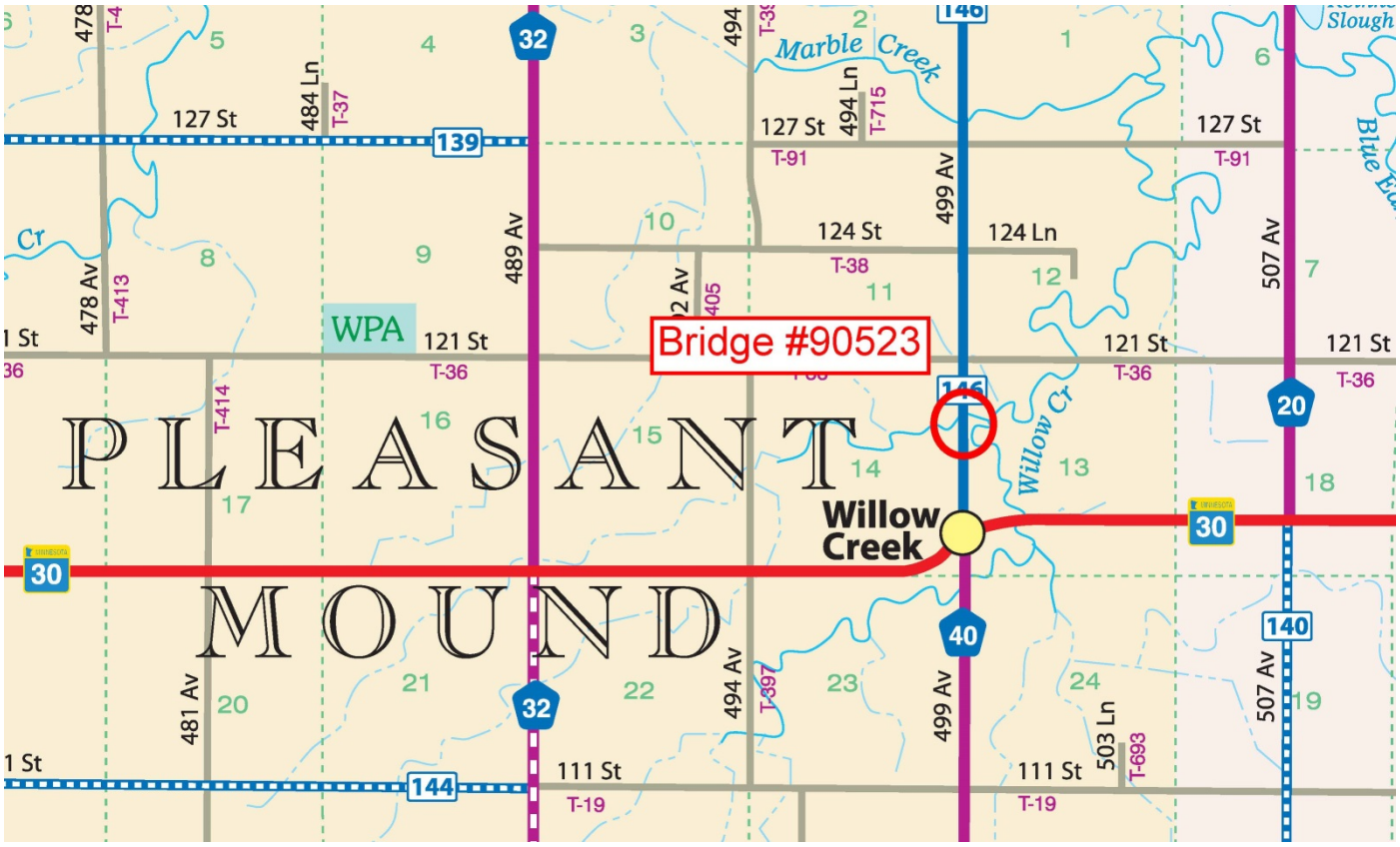

Bridge #90571
132 St
127 St
124 St
121 St
478 Av
473 Av
489 Av
494 Av
499 Av
492 Av
494 Ln
T-413
T-414
T-405
T-398
T-715
T-91
T-38
T-36
Marble Creek
Perch Cr
WPA
PLEASANT MOUND
Willow Creek
24
25
32
138
139
146
30
40

2020

County Road 146 - Bridge No. 90523 over Perch Creek

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is narrow and deteriorated. The bridge consists of cast in place concrete culverts. The concrete culverts are deteriorated, cracked and spalled. The bridge has a sufficiency rating of 86.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$260,000
Potential Funding Sources	State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 90523 (45)
10-17-2013

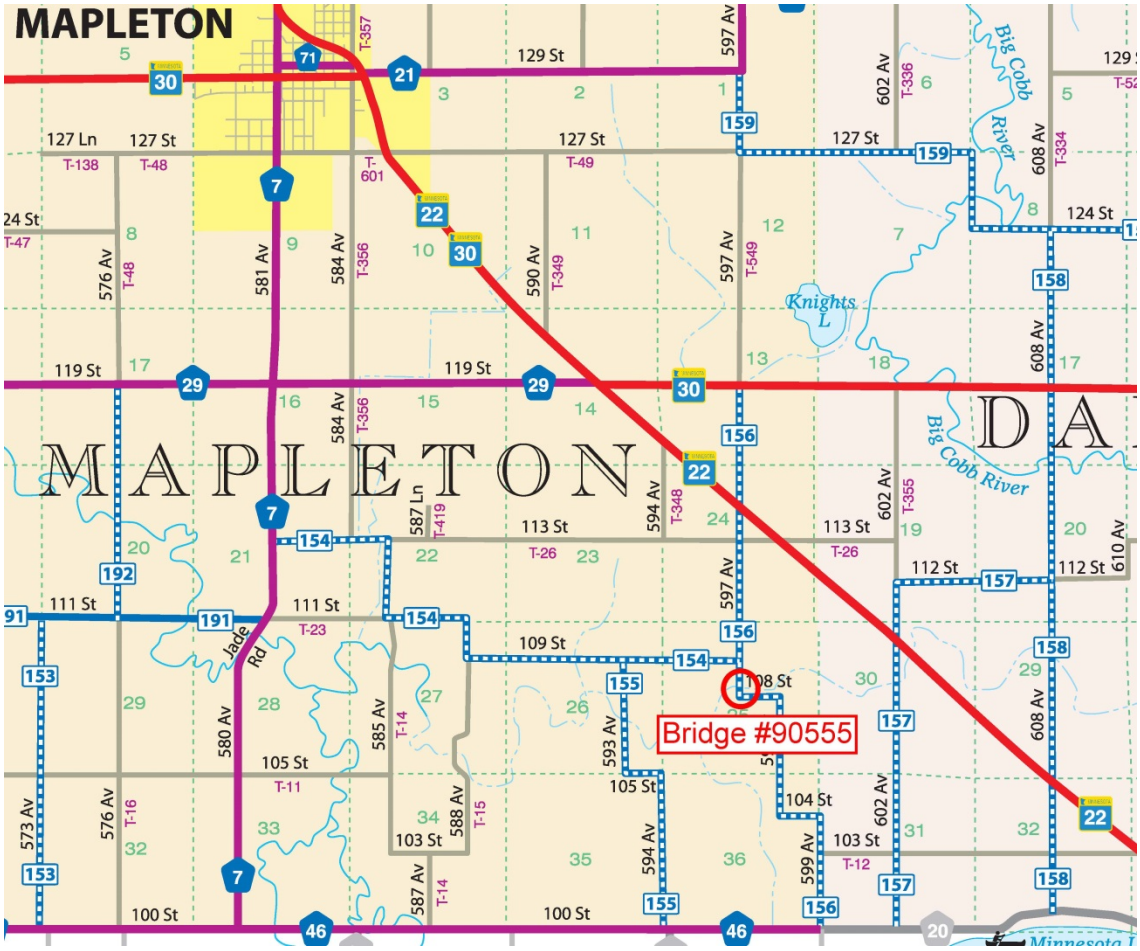

Bridge #90523
PLEASANT MOUND
Willow Creek
Marble Creek
Willow Cr
WPA
127 St
124 St
124 Ln
121 St
111 St
489 Av
499 Av
507 Av
478 Av
481 Av
494 Av
484 Ln
494 Ln
503 Ln
32
146
139
20
30
40
140
144

2020

County Road 156 - Bridge No. 90555 over the Maple River

Project Type	County Road Bridge
Purpose & Need	1) Improve safety and access by providing a structurally adequate bridge. 2) Improve safety by providing increased width to accommodate trucks and farm equipment. The existing bridge is narrow and deteriorated. The bridge consists of timber abutments and precast concrete deck channels. The timber abutments are decaying and have moderate to extensive cracking & splitting. The precast concrete deck channels are cracked and spalled with exposed rebars. The bridge has a sufficiency rating of 80.
Description	The bridge will be replaced with a precast concrete beam or slab span structure.
Estimated Cost	$280,000
Potential Funding Sources	State Bridge Bonds, Road & Bridge
Transportation Sales Tax Project	No

BRIDGE NO. 90555 (13)
10-20-2010


MAPLETON
Bridge #90555
129 St
127 Ln
127 St
124 St
119 St
113 St
112 St
111 St
109 St
108 St
105 St
104 St
103 St
100 St
597 Av
602 Av
608 Av
576 Av
581 Av
584 Av
590 Av
587 Ln
594 Av
593 Av
599 Av
580 Av
585 Av
588 Av
587 Av
573 Av
610 Av
Big Cobb River
Knights L
Jade Rd
T-138
T-48
T-47
T-357
T-601
T-356
T-349
T-549
T-336
T-334
T-348
T-419
T-26
T-355
T-23
T-14
T-11
T-15
T-16
T-12