

AGENDA

APO TECHNICAL ADVISORY COMMITTEE MEETING

THURSDAY, JULY 27, 2023 – 10 A.M.
STEARNS COUNTY HIGHWAY DEPARTMENT
455-28TH AVE. S, WAITE PARK
ZOOM OPTION AVAILABLE BY REQUEST

1. Introductions
2. Public Comment Period
3. Consideration of Consent Agenda Items (*Attachments A-C*)
 - a. Approve minutes of May 25, 2023, TAC meeting (Attachment A)
 - b. Receive staff report of June 8, 2023, Policy Board meeting (Attachment B)
 - c. Receive staff report of June 15, 2023, Central Minnesota Area Transportation Partnership (ATP-3) meeting (Attachment C)
4. Consideration of the 2050 MTP Cost and Initial 2050 Build Travel Demand Model Results (*Attachments D1-D7*), *Joe DeVore, KLJ Project Manager*
 - a. **Suggested Action: Recommend Policy Board approval.**
5. Consideration of the draft Looking Ahead 2050 Metropolitan Transportation Plan (MTP) Transportation Visioning Themes (*Attachments E1-E2*), *Vicki Johnson, Senior Transportation Planner*
 - a. **Suggested Action: Recommend Policy Board approval.**
6. Consideration of the draft Saint Cloud APO Urbanized Area Boundary (Attachment F), *James Stapfer, Transportation Planning Technician*
 - a. **Suggested Action: Recommend Policy Board approval.**
7. Consideration of the draft 2024-2025 Unified Planning Work Program (UPWP) (Attachment G), *Brian Gibson, Executive Director*
 - a. **Suggested Action: Recommend Policy Board approval.**
8. Consideration of the 2023 Regional Transportation Priorities (Attachment H), *Brian Gibson, Executive Director*
 - a. **Suggested Action: Recommend a slate of two to four regional transportation priorities for 2024 to the Policy Board.**

9. Other Business & Announcements

10. Adjournment

English

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Somali

Ururka Qorsheynta Deegaanka ee Cloud Cloud (APO) wuxuu si buuxda u waafaqsanahay Cinwaanka VI ee Xuquuqda Xuquuqda Rayidka ee 1964, Cinwaanka II ee Sharciga Naafada Mareykanka ee 1990, Amarka Fulinta 12898, Amarka Fulinta 13116 iyo qawaaniinta iyo qawaaniinta la xiriira. APO waa u furan tahay dhammaan dadka awooda oo dhan. Qofka u baahan dib-u-habeyn ama dejin, caawimaad gargaar ah, adeegyo turjumaad, adeegyo turjubaan, iwm, si uu uga qeyb galo kulan dadweyne, oo ay ku jiraan helitaanka ajendahaan iyo / ama ku lifaaqan qaab kale, ama luqadda fadlan la xiriir APO. 320-252- 7568 ama at admin@stcloudapo.org ugu yaraan toddobo (7) maalmood kahor kulanka.

Spanish

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SAINT CLOUD AREA PLANNING ORGANIZATION TECHNICAL ADVISORY COMMITTEE (TAC) MEETING

Thursday, May 25 @ 10:00 a.m.

A meeting of the Saint Cloud Area Planning Organization’s (APO) Technical Advisory Committee (TAC) was held at 10:00 a.m. Thursday, May 25, 2023. Senior Transportation Planner Vicki Johnson presided with the following people in attendance:

Voting Members:

Luke Langer	City of Saint Cloud
Kari Theisen	City of Sartell
Mark Loidolt	Benton County
Mike Decker	Stearns County
Matt Glaesman	City of Saint Cloud
Jon Noerenberg	City of Waite Park
Randy Sabart	City of Saint Joseph
Steve Voss	MnDOT District 3

Non-Member Attendees:

Alex McKenzie	APO, Associate Planner
Christopher Winkles	MnDOT District 3

Zoom Attendees

James Stapfer	APO, Planning Technician
Erika Shepard	MnDOT MPO Coordinator
Jeff Lenz	MnDOT District 3
Bobbi Retzlaff	Federal Highway Administration
Voni Vegar	MnDOT OTAT

Introductions were made.

PUBLIC COMMENT PERIOD

No members of the public were present.

CONSIDERATION OF CONSENT AGENDA

- a. Approve minutes of the April 27, 2023, TAC meeting.
- b. Receive staff report of May 11, 2023, Policy Board meeting.

Mr. Sabart made a motion to approve Consent Agenda Items. Ms. Theisen seconded the motion. Motion carried.

Consideration of 2023-2026 Transportation Improvement Program (TIP) Administrative Modification

Ms. Johnson presented the changes to the 2023-2026 TIP. The requested administrative modifications came from MnDOT's Office of Transit and Active Transportation (OTAT). No public comment period was warranted, and all proposed changes maintained fiscal constraint.

Mr. Voss made a motion to recommend Policy Board approval of the 2023-2026 TIP administrative modifications. Mr. Loidolt seconded the motion. Motion carried.

Consideration of the draft 2024-2027 Transportation Improvement Program (TIP) Project Table

Ms. Johnson presented the draft 2024-2027 TIP. APO staff are in the final stages of preparing the FY 2024-2027 TIP for final approval and incorporation into the Minnesota State Transportation Improvement Program (STIP). To move forward, the document must be released for a 30-day public comment period once the Policy Board approves it. Mr. Voss stated that MnDOT would have its draft Greater Area TIP prepared in early June, which will initiate its public input process. Ms. Johnson commented that Mr. Lenz and herself would coordinate to ensure the STIP and TIP match.

Mr. Noerenberg made a motion to recommend Policy Board approval of the 2024-2027 TIP Project Table. Mr. Glaesman seconded the motion. Motion carried.

Consideration of the 2024-2027 Transportation Improvement Program (TIP) Amendment Schedule

Ms. Johnson presented the 2024-2027 TIP amendment schedule. To streamline the process of amendments to the TIP and more efficiently deliver needed changes to the Area Transportation Improvement Program (ATIP) and STIP in a timely manner, APO staff have developed a TIP amendment schedule. Mr. Loidolt asked if a project is awarded funds through congressionally directed spending if that project is added through this amendment process. Ms. Johnson replied that the project would need to be added to the STIP, and if she knows a project has been added, she will reach out the coordinate. Mr. Voss asked that when the TIP is finalized, and legislative projects are approved, does the Regional Infrastructure Investment Plan (RIIP) get updated with the new projects? Ms. Johnson replied that the APO does not amend the RIIP; it only gets updated annually in the spring. Mr. Voss also commented on the Corridors of Commerce Grant. He stated that the formal announcement of who received that grant would happen in mid-June, and if a project within the APO planning area was awarded would the project amendment be able to make it into the draft TIP? Ms. Johnson stated it would be up to MnDOT since the proposed project is MnDOT funded. Ms. Johnson asked if the project is in FY 2024. Mr. Voss

replied that it would either be FY 2024 or 2025. Ms. Johnson stated that if MnDOT wants the project to be included in the 2024-2025 TIP before the APO releases it for public comment, she would need project details by July 7, or it would have to wait until the Monday, December 18 deadline. Mr. Lenz stated he would send Ms. Johnson the project information as soon as he received it. Mr. Sabart asked if there was another reminder that could be sent to the TAC for when a TIP project needs to be amended, such as when the project cost changes or environmental review expires. Ms. Johnson replied that as the STIP is approved in October/November, she emails the jurisdictions to submit any project changes. Ms. Johnson explained that she sends multiple emails after to remind jurisdictions to submit project updates. Mr. Sabart asked if Ms. Johnson could add the statement to her emails to remind the TAC that the engineering estimate and the current environmental documentation are correct. Ms. Johnson will add the statements to her reminder emails. Mr. Loidolt asked why the TAC was meeting on Thanksgiving Day. Ms. Johnson replied that the TAC is not meeting that day, it just so happens that it is the last Thursday of the month, and the TAC typically doesn't meet in November or December.

Mr. Sabart made a motion to approve the 2024-2027 Transportation Improvement Program (TIP) Amendment Schedule. Mr. Glaesman seconded the motion. Motion carried.

Consideration of the 2025-2028 Transportation Improvement Program (TIP) Development Schedule

Ms. Johnson stated that to assist agencies and jurisdictions within the APO's MPA in the process of developing the FY 2025-2028 TIP, APO staff have developed a draft of the TIP Development Schedule. This schedule is based upon the Minnesota Department of Transportation (MnDOT) District 3 Area Transportation Improvement Program (ATIP) Development Schedule developed by MnDOT District 3 staff. The ATIP Development Schedule was developed to coincide with the State Transportation Improvement Program (STIP) development. Mr. Lenz stated that if anyone has questions about the Transportation Alternatives (TA) Program or Surface Transportation Block Grant Program (STBGP), he will assist in reviewing proposed applications. Ms. Johnson commented that Mary Nieken helps review the financial aspects of TA projects. Mr. Lenz provided a comment to check on estimated quantities for TA projects before submitting applications.

Mr. Noerenberg made a motion to approve the 2025-2028 Transportation Improvement Program (TIP) Development Schedule. Mr. Loidolt seconded the motion. Motion carried.

Other Business and Announcements

Ms. Johnson stated that the APO is still working on modeling projects for the long-range transportation plan. The only outstanding jurisdiction without fiscally

constrained projects is Saint Joseph. Once all projects have been constrained, the consultant will begin modeling and presenting the results to the TAC this summer. Mr. Voss stated that MnDOT District 3 is working on its 10-year capital investment plan, and once a draft is ready, he will send it out to the stakeholders for review.

ADJOURNMENT

The meeting adjourned at 10:30 a.m.



1040 County Road 4, Saint Cloud, MN 56303-0643

T. 320.252.7568 F. 320.252.6557

TO: Saint Cloud Area Planning Organization Technical Advisory Committee
FROM: Brian Gibson, Executive Director
RE: Staff Report on Policy Board Meeting
DATE: July 12, 2023

A Policy Board meeting was held on Thursday, June 8, 2023. The Board took the following actions:

1. Approved amending the 2023-2026 Transportation Improvement Program (TIP) to remove projects from WACOSA and ConnectAbility of Minnesota.
2. Heard a presentation from MnDOT on their Carbon Reduction Strategy effort.
3. Approved the release of the draft 2024-2027 Transportation Improvement Program (TIP) for public review and comment.
4. Heard a presentation on the results of a NorthStar rail corridor study recently completed by the Met Council.

Suggested Action: None, informational.



1040 County Road 4, Saint Cloud, MN 56303-0643

T. 320.252.7568 F. 320.252.6557

TO: Saint Cloud Area Planning Organization Technical Advisory Committee
FROM: Vicki Johnson, Senior Transportation Planner
RE: Staff Report on June 15, 2023, Central Minnesota Area Transportation Partnership ATP-3 meeting
DATE: June 29, 2023

The Central Minnesota Area Transportation Partnership (ATP-3) met in Saint Cloud on Thursday, June 15, 2023. At that meeting, the following topics were discussed:

1. Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Solicitation
 - a. MnDOT District 3 Engineering Specialist/Program Coordinator Jeff Lenz outlined the intent of the PROTECT program – to assist in making transportation infrastructure projects more resilient to current and future extreme weather events. Mr. Lenz said MnDOT District 3 has approximately \$2 million to allocate between years 2024 and 2026. This funding is designed to complement projects already in the STIP and can include improvements such as stabilizing slide areas or slopes, increasing the size or number of drainage structures, or strengthening systems that remove rainwater from surface transportation facilities. Mr. Lenz said a solicitation for PROTECT funding will be coming out in July.
2. 2023 End of Session Legislative Update
 - a. MnDOT Office of Government Affairs Legislative Affairs Manager John Dukich provided a debriefing of the 2023 Minnesota Legislative session. He outlined the three main issues addressed by lawmakers in Saint Paul: Infrastructure Investment and Jobs Act (IIJA) trunk highway budget authority, IIJA matching funds, and climate change. He stated there was no transportation bill done during this legislative session. Mr. Dukich provided information on the new transportation related revenue sources which included the following: indexing the gas tax to inflation, adjusting the motor vehicle registration tax, and developing a new “transportation advancement account (TAA).” The TAA includes a \$0.50 fee on non-food or non-tax exempt deliveries as well as placing 56.5% of the sales tax on auto parts into a holding account. The TAA will be used to fund projects like county state-aid highways; town roads; and provide assistance for large cities, small cities, the metropolitan counties, and food delivery.
 - b. Mr. Dukich discussed various items included as part of the omnibus bill. This included funding being set aside for local roads (\$85 million); local bridges (\$67 million); local road wetland mitigation (\$12 million); water ports (\$18 million); freight rail program (\$9.6 million); railroad grade crossings (\$3.6 million); greater Minnesota transit (\$3 million); and the TEDI program (\$1.5 million). In addition, several specific projects were identified (earmarked) as well.
 - c. Mr. Dukich also provided an updated on the Corridors of Commerce program. He said the lawmakers decided to pull \$25 million from the state’s general

fund in FY 2024 and FY 2025 for the CoC program. He did state there were some policy changes to this program – essentially splitting the funding pots into three categories for “regional balance”. Regional balance will look like: Metro Projects: 25-27.5% of funds; Metro Connector Projects: 35-37.5% of funds; and Regional Center Projects: 35-40% of funds.

- d. Finally, Mr. Dukich provided an update on the state’s sustainability planning. He said effective Feb. 1, 2025, expansion projects programmed into the STIP must indicate how they will reduce greenhouse gas emissions and vehicle miles traveled. A GHG Emissions Impact Mitigation Working Group will be convened starting Aug. 1 to address some of these changes.
3. FY 2023-2026 Local Program Update
 - a. MnDOT District 3 State-Aid Engineer Angie Tomovic provided an update on the locally funded projects (Surface Transportation Block Grant, Transportation Alternatives, Highway Safety Improvement Program) within District 3. All projects seem to be moving forward. Ms. Tomovic indicated the two projects slated to receive Local Partnership Program (LPP) funding – Wright County and the City of Monticello – are being delayed slightly due to ongoing work/approvals needed.
 4. 2024-2027 Draft ATP-3 Area Transportation Improvement Program (ATIP) Update
 - a. Mr. Lenz said work is pretty much completed on the draft 2024-2027 ATIP. He said there are approximately 250 projects programmed in District 3 costing an estimated \$817 million.
 5. MnDOT District 3 Draft 10-Year Capital Highway Investment Plan 2024-2033
 - a. Mr. Lenz provided a brief update on the development of the CHIP. He said there are approximately 160 MnDOT projects occurring during these upcoming 10 years.
 6. Special Solicitations
 - a. Mr. Lenz provided approximate solicitation timelines for several programs.
 - i. FY 2024-2025 PROTECT solicitation will kick off in mid-July.
 - ii. Carbon Reduction Program (CRP) will have information being distributed soon.
 - iii. Transportation Economic Development (TED) program have solicitation start this fall.

Suggested Action: None, informational only.



1040 County Road 4, Saint Cloud, MN 56303-0643

T. 320.252.7568 F. 320.252.6557

TO: Saint Cloud Area Planning Organization Technical Advisory Committee
FROM: Vicki Johnson, Senior Transportation Planner
RE: Looking Ahead 2050 Metropolitan Transportation Plan Cost Estimates and
 2050 Build Travel Demand Model Results
DATE: July 14, 2023

Since the beginning of 2023, APO staff have been working with consulting firm KLJ to complete portions of the APO's 2050 Metropolitan Transportation Plan (MTP) Looking Ahead 2050.

Specifically, KLJ was tasked with developing cost estimates for proposed projects within the MTP as well as modeling a fiscally constrained project list.

So far this year KLJ has worked to update both the 2020 base year travel demand model (TDM) as well as updating the 2050 no-build model. During this time frame, APO staff had conducted meetings with all member jurisdictions and the Minnesota Department of Transportation (MnDOT) to discuss possible reconstruction and expansion projects that would occur between now and 2050 within the APO's planning area.

Those project lists were subsequently turned over to KLJ for their staffers to begin the work of developing cost estimates. While KLJ was working to develop cost estimates, APO staff began their coordination work with each jurisdiction and MnDOT to develop revenue projections for the 2050 MTP. These projections would assist both APO and jurisdictional staffers in finalizing their priorities to develop a fiscally constrained list of projects to include in the 2050 initial build model run.

KLJ provided APO staff with the cost estimates for the proposed MTP projects in late April/early May. APO staff shared both the cost estimates and the revenue forecasts to the respective jurisdictions for their tentative approval. APO staff then began work on fiscally constraining each project based upon the proposed cost estimates and revenue forecasts. Staff held additional meetings with jurisdictions that could not fully constrain their initial project lists to confirm priorities for funding consideration. Once those meetings were completed, APO staff provided KLJ with the completed project list for the initial 2050 build model run.

At the July 27 TAC meeting, TAC representatives will hear a presentation from KLJ Project Manager Joe DeVore on the results of the APO's 2050 Initial Build Model as well as the proposed cost estimates.

Additional information on the initial model run as well as the proposed cost estimates can be found in the subsequent attachments.

Suggested Action: Recommend Policy Board approval.



ST CLOUD APO PRELIMINARY COST ESTIMATE

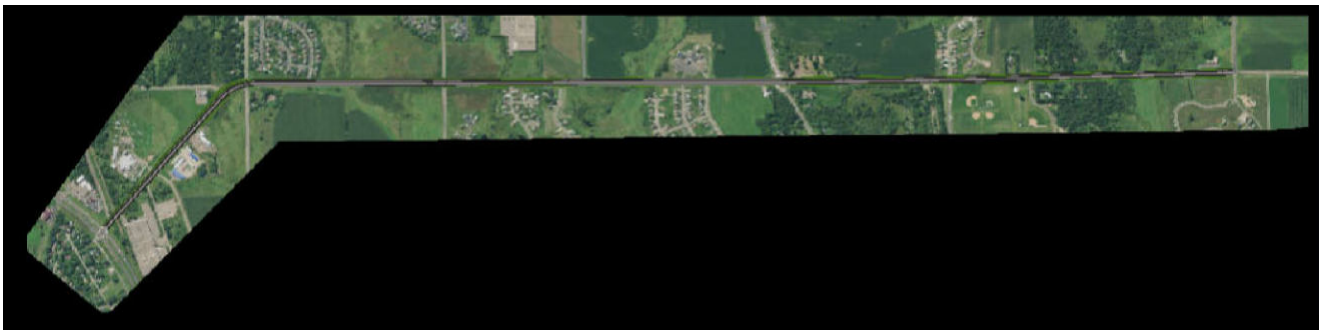
Agency:		<i>Benton County</i>		
Project Location:		<i>Mayhew Lake Road (CSAH 1)</i>		
Functional Class:		<i>Arterial</i>		
Termini:		<i>35th Street (CSAH 29) to MN-23</i>		
Reconstruct/Expansion:		<i>Expansion</i>		
Length of Project (mi):		<i>3.05</i>		
Lanes:		<i>4-lane divided</i>		
Rural/Urban:		<i>Hybrid</i>		
Parking:		<i>No</i>		
Multimodal:		<i>Shared-use path on 1 side</i>		
Projected Construction Year:				
Funding Source:		<i>2045 MTP & corridor study</i>		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Benton_01	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 1,630,000.00
SUBTOTAL			\$	1,630,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	96,018	\$ 960,182.30
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	66,134	\$ 1,322,688.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	104,784	\$ 838,270.08
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	38,454	\$ 1,153,631.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	42,486	\$ 2,761,603.33
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	171,954	\$ 343,908.46
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	64,498	\$ 1,612,452.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	32,246	\$ 2,321,729.84
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	11,314,465.71
REMOVALS	LS	8%	1	\$ 905,157.26
DRAINAGE	LS	10%	1	\$ 1,131,446.57
INTERSECTIONS	LS	8%	1	\$ 905,157.26
LIGHTING	LS	4%	1	\$ 452,578.63
EROSION CONTROL	LS	4%	1	\$ 452,578.63
TRAFFIC CONTROL	LS	5%	1	\$ 565,723.29
SIGNING & STRIPING	LS	5%	1	\$ 565,723.29
SUBTOTAL			\$	4,978,364.91
CONTINGENCY	%	15%	\$	2,688,424.59
PROJECT TOTAL			\$	20,611,255.22

35th Street (CSAH 29)

NORTH



MN-23





ST CLOUD APO PRELIMINARY COST ESTIMATE

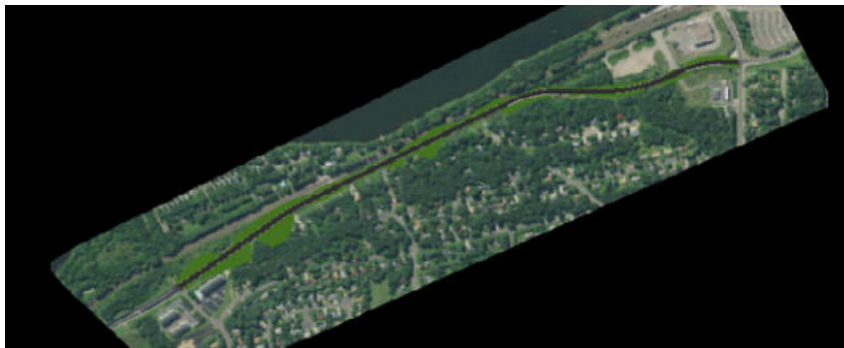
Agency: <i>Benton County</i>				
Project Location: <i>Benton Drive (CSAH 33)</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>1st Street (CSAH 29) to 18th Street NW</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.95</i>				
Lanes: <i>3-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>on road bike lane</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Benton_02	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 320,000.00
SUBTOTAL			\$	320,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	39,644	\$ 396,444.20
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	12,298	\$ 245,959.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	36,695	\$ 293,559.76
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,559	\$ 196,768.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	10,377	\$ 674,505.17
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	10,026	\$ 250,641.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,057,878.48
REMOVALS	LS	10%	1	\$ 205,787.85
DRAINAGE	LS	15%	1	\$ 308,681.77
INTERSECTIONS	LS	10%	1	\$ 205,787.85
LIGHTING	LS	6%	1	\$ 123,472.71
EROSION CONTROL	LS	3%	1	\$ 61,736.35
TRAFFIC CONTROL	LS	5%	1	\$ 102,893.92
SIGNING & STRIPING	LS	5%	1	\$ 102,893.92
SUBTOTAL			\$	1,111,254.38
CONTINGENCY	%	15%	\$	523,369.93
PROJECT TOTAL			\$	4,012,502.79


18th St NW

NORTH



1st St (CSAH 29)



 ST CLOUD APO PRELIMINARY COST ESTIMATE				
Agency:		Benton County		
Project Location:		35th Street NE (CSAH 29)		
Functional Class:		Arterial		
Termini:		MN-15 to US-10		
Reconstruct/Expansion:		Expansion		
Length of Project (mi):		0.37		
Lanes:		4-lane undivided		
Rural/Urban:		Rural		
Parking:		No		
Multimodal:		Shared use path on 1 side		
Projected Construction Year:				
Funding Source:		2045 MTP & RATP		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Benton_03	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 190,000.00
SUBTOTAL			\$	190,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	20,826	\$ 208,262.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	7,364	\$ 147,284.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	339	\$ 2,710.56
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	4,345	\$ 130,354.50
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	4,601	\$ 299,068.95
4" CONCRETE WALK	SQ FT	\$ 8.00	22,564	\$ 180,515.68
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	7,522	\$ 188,062.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	3,761	\$ 270,773.52
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,427,031.71
REMOVALS	LS	5%	1	\$ 71,351.59
DRAINAGE	LS	5%	1	\$ 71,351.59
INTERSECTIONS	LS	5%	1	\$ 71,351.59
LIGHTING	LS	2%	1	\$ 28,540.63
EROSION CONTROL	LS	5%	1	\$ 71,351.59
TRAFFIC CONTROL	LS	5%	1	\$ 71,351.59
SIGNING & STRIPING	LS	5%	1	\$ 71,351.59
SUBTOTAL			\$	456,650.15
CONTINGENCY	%	15%	\$	311,052.28
PROJECT TOTAL			\$	2,384,734.13

MN-15

NORTH



US-10





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Benton County</i>				
Project Location: <i>CSAH 29</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>Mayhew Lake Rd (CSAH 1) to 35th Avenue NE</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>2.51</i>				
Lanes: <i>2-lane undivided</i>				
Rural/Urban: <i>Rural</i>				
Parking: <i>No</i>				
Multimodal: <i>No</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Benton_04	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 400,000.00
SUBTOTAL			\$	400,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	70,269	\$ 702,690.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	21,448	\$ 428,957.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	27,053	\$ 216,423.52
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	11,439	\$ 343,166.10
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	19,931	\$ 1,295,516.12
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,986,753.34
REMOVALS	LS	5%	1	\$ 149,337.67
DRAINAGE	LS	5%	1	\$ 149,337.67
INTERSECTIONS	LS	5%	1	\$ 149,337.67
LIGHTING	LS	2%	1	\$ 59,735.07
EROSION CONTROL	LS	5%	1	\$ 149,337.67
TRAFFIC CONTROL	LS	5%	1	\$ 149,337.67
SIGNING & STRIPING	LS	5%	1	\$ 149,337.67
SUBTOTAL			\$	955,761.07
CONTINGENCY	%	15%	\$	651,377.16
PROJECT TOTAL			\$	4,993,891.57

Mayhew Lake Rd (CSAH 1)

NORTH



35th Ave NE





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Benton County</i>				
Project Location: <i>CSAH 29</i>				
Functional Class: <i>Collector</i>				
Termini: <i>5th Avenue NE (CR57) to CSAH 1 (Mayhew Lake Road)</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>1.00</i>				
Lanes: <i>3-lane</i>				
Rural/Urban: <i>Rural</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>2050 Traffic Model & RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Benton_05	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 230,000.00
SUBTOTAL			\$	230,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	24,861	\$ 248,611.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	11,215	\$ 224,308.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	25,255	\$ 202,037.92
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,957	\$ 208,704.60
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	10,656	\$ 692,634.02
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	52,664	\$ 105,327.34
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,681,624.38
REMOVALS	LS	5%	1	\$ 84,081.22
DRAINAGE	LS	5%	1	\$ 84,081.22
INTERSECTIONS	LS	5%	1	\$ 84,081.22
LIGHTING	LS	2%	1	\$ 33,632.49
EROSION CONTROL	LS	5%	1	\$ 84,081.22
TRAFFIC CONTROL	LS	5%	1	\$ 84,081.22
SIGNING & STRIPING	LS	5%	1	\$ 84,081.22
SUBTOTAL			\$	538,119.80
CONTINGENCY	%	15%	\$	367,461.63
PROJECT TOTAL			\$	2,817,205.80

5th Ave NE (CR 57)

NORTH



Mayhew Lake Rd (CSAH 1)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Benton County</i>				
Project Location: <i>CSAH 29</i>				
Functional Class: <i>Collector</i>				
Termini: <i>5th Avenue NE (CR57) to US-10</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.59</i>				
Lanes: <i>3-lane</i>				
Rural/Urban: <i>Rural</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>2050 Traffic Model & RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Benton_06	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 130,000.00
SUBTOTAL			\$	130,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	5,439	\$ 54,389.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	6,645	\$ 132,907.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	24,325	\$ 194,603.60
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	4,118	\$ 123,539.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	6,316	\$ 410,545.01
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	31,033	\$ 62,065.20
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	978,050.01
REMOVALS	LS	5%	1	\$ 48,902.50
DRAINAGE	LS	5%	1	\$ 48,902.50
INTERSECTIONS	LS	5%	1	\$ 48,902.50
LIGHTING	LS	2%	1	\$ 19,561.00
EROSION CONTROL	LS	5%	1	\$ 48,902.50
TRAFFIC CONTROL	LS	5%	1	\$ 48,902.50
SIGNING & STRIPING	LS	5%	1	\$ 48,902.50
SUBTOTAL			\$	312,976.00
CONTINGENCY	%	15%	\$	213,153.90
PROJECT TOTAL			\$	1,634,179.92

US-10

NORTH



5th Ave NE (CR 57)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Benton County</i>				
Project Location: <i>CSAH 3</i>				
Funtional Class: <i>Collector</i>				
Termini: <i>CSAH 1 to APO eastern planning boundary</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>6.10</i>				
Lanes: <i>2-lanes</i>				
Rural/Urban: <i>Rural</i>				
Parking: <i>no</i>				
Multimodal: <i>paved wide shoulders</i>				
Projected Construction Year:				
Funding Source: <i>County staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Benton_07	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 1,190,000.00
SUBTOTAL			\$	1,190,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	105,545	\$ 1,055,448.30
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	64,141	\$ 1,282,813.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	209,870	\$ 1,678,962.64
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	34,208	\$ 1,026,250.80
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	60,644	\$ 3,941,864.75
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	8,985,340.09
REMOVALS	LS	5%	1	\$ 449,267.00
DRAINAGE	LS	5%	1	\$ 449,267.00
INTERSECTIONS	LS	5%	1	\$ 449,267.00
LIGHTING	LS	2%	1	\$ 179,706.80
EROSION CONTROL	LS	5%	1	\$ 449,267.00
TRAFFIC CONTROL	LS	5%	1	\$ 449,267.00
SIGNING & STRIPING	LS	5%	1	\$ 449,267.00
SUBTOTAL			\$	2,875,308.83
CONTINGENCY	%	15%	\$	1,957,597.34
PROJECT TOTAL			\$	15,008,246.25

35th Street (CSAH 29)

NORTH

MN-23





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Benton County</i>			
Project Location:	<i>CSAH 33</i>			
Funtional Class:	<i>Collector</i>			
Termini:	<i>3rd Street NE to 9th Street</i>			
Reconstruct/Expansion:	<i>Reconstruct</i>			
Length of Project (mi):	<i>0.39</i>			
Lanes:	<i>4-lanes</i>			
Rural/Urban:	<i>Urban</i>			
Parking:	<i>No</i>			
Multimodal:	<i>No</i>			
Projected Construction Year:				
Funding Source:	<i>County staff</i>			
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Benton_08	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 110,000.00
SUBTOTAL			\$	110,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	8,778	\$ 87,782.20
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	5,366	\$ 107,322.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	3,396	\$ 27,167.04
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,862	\$ 85,864.50
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	4,593	\$ 298,512.58
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	4,069	\$ 101,735.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	708,383.82
REMOVALS	LS	10%	1	\$ 70,838.38
DRAINAGE	LS	15%	1	\$ 106,257.57
INTERSECTIONS	LS	10%	1	\$ 70,838.38
LIGHTING	LS	6%	1	\$ 42,503.03
EROSION CONTROL	LS	3%	1	\$ 21,251.51
TRAFFIC CONTROL	LS	5%	1	\$ 35,419.19
SIGNING & STRIPING	LS	5%	1	\$ 35,419.19
SUBTOTAL			\$	382,527.26
CONTINGENCY	%	15%	\$	180,136.66
PROJECT TOTAL			\$	1,381,047.75

3rd St NE

NORTH



9th St





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Benton County</i>				
Project Location: <i>CSAH 8</i>				
Functional Class: <i>Collector</i>				
Termini: <i>MN23 to CR45/80</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.49</i>				
Lanes: <i>2-lanes</i>				
Rural/Urban: <i>Hybrid</i>				
Parking: <i>no</i>				
Multimodal: <i>paved wide shoulders</i>				
Projected Construction Year:				
Funding Source: <i>County staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Benton_09	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 80,000.00
SUBTOTAL			\$	80,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	4,522	\$ 45,222.10
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	4,301	\$ 86,026.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	4,985	\$ 39,877.44
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,294	\$ 68,820.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,726	\$ 242,166.12
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	1,961	\$ 49,025.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	531,137.81
REMOVALS	LS	8%	1	\$ 42,491.02
DRAINAGE	LS	10%	1	\$ 53,113.78
INTERSECTIONS	LS	8%	1	\$ 42,491.02
LIGHTING	LS	4%	1	\$ 21,245.51
EROSION CONTROL	LS	4%	1	\$ 21,245.51
TRAFFIC CONTROL	LS	5%	1	\$ 26,556.89
SIGNING & STRIPING	LS	5%	1	\$ 26,556.89
SUBTOTAL			\$	233,700.63
CONTINGENCY	%	15%	\$	126,725.77
PROJECT TOTAL			\$	971,564.21

MN-23

NORTH



CR 45/80





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Sherburne County</i>
Project Location:	<i>CR 62 (17th St SW)</i>
Functional Class:	<i>Collector</i>
Termini:	<i>Tee-to-Green street to CSAH 20 (75th Ave SE)</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>2.94</i>
Lanes:	<i>2</i>
Rural/Urban:	<i>Rural</i>
Parking:	<i>No</i>
Multimodal:	<i>No</i>
Projected Construction Year:	<i>2024</i>

Funding Source:

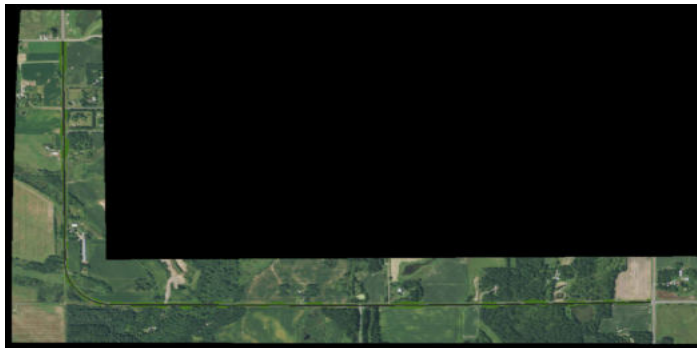
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sherburne_01	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 460,000.00
SUBTOTAL			\$	460,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	72,876	\$ 728,755.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	25,121	\$ 502,413.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	41,082	\$ 328,652.96
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	13,398	\$ 401,930.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	23,344	\$ 1,517,363.88
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	3,479,117.04
REMOVALS	LS	5%	1	\$ 173,955.85
DRAINAGE	LS	5%	1	\$ 173,955.85
INTERSECTIONS	LS	5%	1	\$ 173,955.85
LIGHTING	LS	2%	1	\$ 69,582.34
EROSION CONTROL	LS	5%	1	\$ 173,955.85
TRAFFIC CONTROL	LS	5%	1	\$ 173,955.85
SIGNING & STRIPING	LS	5%	1	\$ 173,955.85
SUBTOTAL			\$	1,113,317.45
CONTINGENCY	%	15%	\$	757,865.17
PROJECT TOTAL			\$	5,810,299.67


Tee-To-Green St

NORTH



75th Ave SE (CSAH 20)



 ST CLOUD APO PRELIMINARY COST ESTIMATE				
Agency:		<i>Sherburne County</i>		
Project Location:		<i>CSAH 8</i>		
Functional Class:		<i>Arterial</i>		
Termini:		<i>Minnesota Blvd to 33rd Street Bridge Corridor</i>		
Reconstruct/Expansion:				
Length of Project (mi):		<i>2.07</i>		
Lanes:				
Rural/Urban:		<i>Rural</i>		
Parking:				
Multimodal:		<i>Shared-use path</i>		
Projected Construction Year:				
Funding Source:		<i>Regional Active Transportation Plan</i>		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sherburne_02	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 70,000.00
SUBTOTAL			\$	70,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	1,970	\$ 19,703.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	24,977	\$ 199,817.44
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,022	\$ 60,670.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	109,193	\$ 218,386.32
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	498,577.76
REMOVALS	LS	5%	1	\$ 24,928.89
DRAINAGE	LS	5%	1	\$ 24,928.89
INTERSECTIONS	LS	5%	1	\$ 24,928.89
LIGHTING	LS	2%	1	\$ 9,971.56
EROSION CONTROL	LS	5%	1	\$ 24,928.89
TRAFFIC CONTROL	LS	5%	1	\$ 24,928.89
SIGNING & STRIPING	LS	5%	1	\$ 24,928.89
SUBTOTAL			\$	159,544.88
CONTINGENCY	%	15%	\$	109,218.40
PROJECT TOTAL			\$	837,341.04

33rd St Bridge Corridor

NORTH



Minnesota Blvd





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Stearns County</i>
Project Location:	<i>CSAH 1 (River Ave N) in St. Cloud</i>
Functional Class:	<i>Arterial</i>
Termini:	<i>9th Ave N (MSAS 145) to CR 120</i>
Reconstruct/Expansion:	<i>Expansion</i>
Length of Project (mi):	<i>0.81</i>
Lanes:	<i>4-lane undivided</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>No</i>
Multimodal:	<i>Shared-use path</i>
Projected Construction Year:	<i>2020-2023</i>
Funding Source:	<i>2045 MTP</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_01	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 380,000.00
SUBTOTAL			\$	380,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	10,594	\$ 105,939.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	11,234	\$ 224,687.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	118,303	\$ 946,421.76
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,787	\$ 203,612.10
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	9,615	\$ 625,001.82
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	42,954	\$ 85,907.08
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	8,517	\$ 212,917.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,404,486.66
REMOVALS	LS	10%	1	\$ 240,448.67
DRAINAGE	LS	15%	1	\$ 360,673.00
INTERSECTIONS	LS	10%	1	\$ 240,448.67
LIGHTING	LS	6%	1	\$ 144,269.20
EROSION CONTROL	LS	3%	1	\$ 72,134.60
TRAFFIC CONTROL	LS	5%	1	\$ 120,224.33
SIGNING & STRIPING	LS	5%	1	\$ 120,224.33
SUBTOTAL			\$	1,298,422.80
CONTINGENCY	%	15%	\$	612,436.42
PROJECT TOTAL			\$	4,695,345.88

CR 120

NORTH

9th Ave N (MSAS 145)





ST CLOUD APO PRELIMINARY COST ESTIMATE

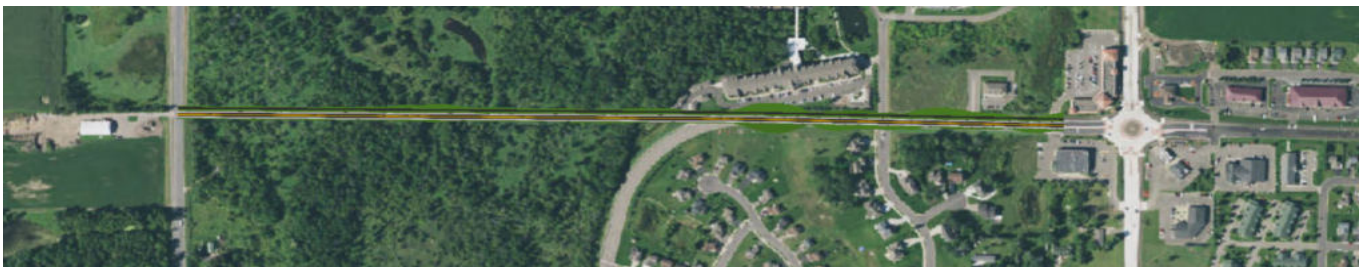
Agency: <i>Stearns County</i>				
Project Location: <i>CSAH 133 (2nd Street) in Sartell</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>Existing CSAH 133 to 19th Ave (3/4 miles)</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.71</i>				
Lanes: <i>2-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared-use path</i>				
Projected Construction Year: <i>??</i>				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_02	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 170,000.00
SUBTOTAL			\$	170,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	16,164	\$ 161,636.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	6,403	\$ 128,062.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	10,026	\$ 80,204.00
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	4,107	\$ 123,219.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	4,925	\$ 320,128.09
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	37,384	\$ 74,768.70
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	7,478	\$ 186,961.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	200,000	\$ 200,000.00
SUBTOTAL			\$	1,074,980.29
REMOVALS	LS	10%	1	\$ 107,498.03
DRAINAGE	LS	15%	1	\$ 161,247.04
INTERSECTIONS	LS	10%	1	\$ 107,498.03
LIGHTING	LS	6%	1	\$ 64,498.82
EROSION CONTROL	LS	3%	1	\$ 32,249.41
TRAFFIC CONTROL	LS	5%	1	\$ 53,749.01
SIGNING & STRIPING	LS	5%	1	\$ 53,749.01
SUBTOTAL			\$	580,489.36
CONTINGENCY	%	15%	\$	273,820.45
PROJECT TOTAL			\$	2,099,290.10

19th Ave

NORTH



CSAH 133





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CR 122 (40th St S) in St. Cloud</i>				
Functional Class: <i>Collector</i>				
Termini: <i>CSAH 74 to Oak Grove Rd (CSAH 136)</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>1.23</i>				
Lanes: <i>4-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking:				
Multimodal:				
Projected Construction Year: <i>2024-2029</i>				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_03	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 360,000.00
SUBTOTAL			\$	360,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	25,135	\$ 251,348.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	17,125	\$ 342,496.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	18,343	\$ 146,745.12
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	9,133	\$ 273,996.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	14,657	\$ 952,728.61
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	12,982	\$ 324,546.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,291,861.63
REMOVALS	LS	10%	1	\$ 229,186.16
DRAINAGE	LS	15%	1	\$ 343,779.24
INTERSECTIONS	LS	10%	1	\$ 229,186.16
LIGHTING	LS	6%	1	\$ 137,511.70
EROSION CONTROL	LS	3%	1	\$ 68,755.85
TRAFFIC CONTROL	LS	5%	1	\$ 114,593.08
SIGNING & STRIPING	LS	5%	1	\$ 114,593.08
SUBTOTAL			\$	1,237,605.28
CONTINGENCY	%	15%	\$	583,420.04
PROJECT TOTAL			\$	4,472,886.95

CSAH 74

NORTH



Oak Grove Rd (CSAH 136)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Stearns County</i>			
Project Location:	<i>CSAH 75 (2nd Street S) in St. Cloud</i>			
Functional Class:	<i>Arterial</i>			
Termini:	<i>MN-15 to 33rd</i>			
Reconstruct/Expansion:	<i>Expansion</i>			
Length of Project (mi):	<i>0.32</i>			
Lanes:	<i>6-lane</i>			
Rural/Urban:	<i>Urban</i>			
Parking:	<i>No</i>			
Multimodal:	<i>Sidewalks both sides</i>			
Projected Construction Year:	<i>2030-2045</i>			
Funding Source:	<i>2045 MTP</i>			
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_04	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 170,000.00
SUBTOTAL			\$	170,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	7,673	\$ 76,731.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	6,249	\$ 124,988.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	18,906	\$ 151,248.40
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	3,713	\$ 111,381.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	5,628	\$ 365,836.32
4" CONCRETE WALK	SQ FT	\$ 8.00	20,504	\$ 164,034.72
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	3,418	\$ 85,449.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,079,669.79
REMOVALS	LS	10%	1	\$ 107,966.98
DRAINAGE	LS	15%	1	\$ 161,950.47
INTERSECTIONS	LS	10%	1	\$ 107,966.98
LIGHTING	LS	6%	1	\$ 64,780.19
EROSION CONTROL	LS	3%	1	\$ 32,390.09
TRAFFIC CONTROL	LS	5%	1	\$ 53,983.49
SIGNING & STRIPING	LS	5%	1	\$ 53,983.49
SUBTOTAL			\$	583,021.68
CONTINGENCY	%	15%	\$	274,903.72
PROJECT TOTAL			\$	2,107,595.19

MN-15

NORTH



33rd Ave N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Stearns County</i>
Project Location:	<i>CSAH 75 (2nd Street S) in St. Cloud</i>
Functional Class:	<i>Arterial</i>
Termini:	<i>33rd to 25th</i>
Reconstruct/Expansion:	<i>Expansion</i>
Length of Project (mi):	<i>0.51</i>
Lanes:	<i>6-lane</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>No</i>
Multimodal:	<i>Sidewalks both sides</i>
Projected Construction Year:	<i>2030-2045</i>
Funding Source:	<i>2045 MTP</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_05	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 250,000.00
SUBTOTAL			\$	250,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	7,729	\$ 77,293.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	9,900	\$ 197,992.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	22,246	\$ 177,964.80
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	5,881	\$ 176,426.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	8,917	\$ 579,575.15
4" CONCRETE WALK	SQ FT	\$ 8.00	32,484	\$ 259,871.52
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	5,415	\$ 135,365.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,604,489.62
REMOVALS	LS	10%	1	\$ 160,448.96
DRAINAGE	LS	15%	1	\$ 240,673.44
INTERSECTIONS	LS	10%	1	\$ 160,448.96
LIGHTING	LS	6%	1	\$ 96,269.38
EROSION CONTROL	LS	3%	1	\$ 48,134.69
TRAFFIC CONTROL	LS	5%	1	\$ 80,224.48
SIGNING & STRIPING	LS	5%	1	\$ 80,224.48
SUBTOTAL			\$	866,424.39
CONTINGENCY	%	15%	\$	408,137.10
PROJECT TOTAL			\$	3,129,051.12

33rd Ave N

NORTH



25th Ave S



ITEM DESCRIPTION		UNITS	UNIT BID PRICE	Stearns_06	
				ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION		LS	10%	1	\$ 260,000.00
SUBTOTAL				\$	260,000.00
EXCAVATION - COMMON		CU YD	\$ 10.00	13,239	\$ 132,393.10
SELECT GRANULAR EMBANKMENT (CV)		CU YD	\$ 20.00	9,609	\$ 192,187.20
COMMON EMBANKMENT (CV)		CU YD	\$ 8.00	25,214	\$ 201,715.04
AGGREGATE BASE (CV) CLASS 5		CU YD	\$ 30.00	5,708	\$ 171,254.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)		TON	\$ 65.00	8,655	\$ 562,578.97
4" CONCRETE WALK		SQ FT	\$ 8.00	31,531	\$ 252,250.72
3" BITUMINOUS WALK		SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624		LIN FT	\$ 25.00	5,256	\$ 131,410.50
CONCRETE MEDIAN		SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION		SQ FT	\$ 1.00		\$ -
SUBTOTAL				\$	1,643,789.93
REMOVALS		LS	10%	1	\$ 164,378.99
DRAINAGE		LS	15%	1	\$ 246,568.49
INTERSECTIONS		LS	10%	1	\$ 164,378.99
LIGHTING		LS	6%	1	\$ 98,627.40
EROSION CONTROL		LS	3%	1	\$ 49,313.70
TRAFFIC CONTROL		LS	5%	1	\$ 82,189.50
SIGNING & STRIPING		LS	5%	1	\$ 82,189.50
SUBTOTAL				\$	887,646.56
CONTINGENCY		%	15%	\$	418,715.47
PROJECT TOTAL				\$	3,210,151.96

25th Ave S

NORTH



Cooper Ave S





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CSAH 1 (Riverside Ave N)</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>Heritage Drive (MSAS 118) to CSAH 78</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>1.24</i>				
Lanes: <i>3-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>no</i>				
Multimodal: <i>Shared-use path</i>				
Projected Construction Year: <i>2030-2054</i>				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_07	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 380,000.00
SUBTOTAL			\$	380,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	26,067	\$ 260,667.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	14,579	\$ 291,580.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	47,461	\$ 379,688.32
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	8,991	\$ 269,735.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	12,040	\$ 782,580.03
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	65,648	\$ 131,295.44
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	13,123	\$ 328,076.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,443,623.94
REMOVALS	LS	10%	1	\$ 244,362.39
DRAINAGE	LS	15%	1	\$ 366,543.59
INTERSECTIONS	LS	10%	1	\$ 244,362.39
LIGHTING	LS	6%	1	\$ 146,617.44
EROSION CONTROL	LS	3%	1	\$ 73,308.72
TRAFFIC CONTROL	LS	5%	1	\$ 122,181.20
SIGNING & STRIPING	LS	5%	1	\$ 122,181.20
SUBTOTAL			\$	1,319,556.93
CONTINGENCY	%	15%	\$	621,477.13
PROJECT TOTAL			\$	4,764,658.00

CSAH 78

NORTH



Heritage Dr (MSAS 118)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Stearns County</i>
Project Location:	<i>CR 134 in St. Cloud</i>
Functional Class:	<i>Arterial</i>
Termini:	<i>Sauk River Bridge to Pinecone Road</i>
Reconstruct/Expansion:	<i>Expansion</i>
Length of Project (mi):	<i>0.54</i>
Lanes:	<i>4-lane divided</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>no</i>
Multimodal:	<i>Shared-use path</i>
Projected Construction Year:	<i>2024-2029</i>
Funding Source:	<i>2045 MTP & RATP</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_08	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 300,000.00
SUBTOTAL			\$	300,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	17,348	\$ 173,483.60
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	11,776	\$ 235,521.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	6,605	\$ 52,837.36
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,807	\$ 204,202.50
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	7,566	\$ 491,793.44
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	28,452	\$ 56,903.44
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	11,487	\$ 287,173.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	5,742	\$ 413,459.60
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,915,375.29
REMOVALS	LS	10%	1	\$ 191,537.53
DRAINAGE	LS	15%	1	\$ 287,306.29
INTERSECTIONS	LS	10%	1	\$ 191,537.53
LIGHTING	LS	6%	1	\$ 114,922.52
EROSION CONTROL	LS	3%	1	\$ 57,461.26
TRAFFIC CONTROL	LS	5%	1	\$ 95,768.76
SIGNING & STRIPING	LS	5%	1	\$ 95,768.76
SUBTOTAL			\$	1,034,302.66
CONTINGENCY	%	15%	\$	487,451.69
PROJECT TOTAL			\$	3,737,129.64

Sauk River Bridge

NORTH



Pinecone Rd





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CSAH 4 (8th Street N) in St. Cloud</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>Anderson Ave to MN-15</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.72</i>				
Lanes: <i>6-lane divided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared-use path</i>				
Projected Construction Year: <i>2030-2045</i>				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_09	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 420,000.00
SUBTOTAL			\$	420,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	27,859	\$ 278,587.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	18,869	\$ 377,377.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	14,896	\$ 119,165.36
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	10,774	\$ 323,219.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	9,355	\$ 608,061.43
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	38,342	\$ 76,684.42
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	15,293	\$ 382,333.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	7,646	\$ 550,531.68
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,715,960.74
REMOVALS	LS	10%	1	\$ 271,596.07
DRAINAGE	LS	15%	1	\$ 407,394.11
INTERSECTIONS	LS	10%	1	\$ 271,596.07
LIGHTING	LS	6%	1	\$ 162,957.64
EROSION CONTROL	LS	3%	1	\$ 81,478.82
TRAFFIC CONTROL	LS	5%	1	\$ 135,798.04
SIGNING & STRIPING	LS	5%	1	\$ 135,798.04
SUBTOTAL			\$	1,466,618.80
CONTINGENCY	%	15%	\$	690,386.93
PROJECT TOTAL			\$	5,292,966.47


Anderson Ave

NORTH



MN-15



 ST CLOUD APO PRELIMINARY COST ESTIMATE				
Agency:		Stearns County		
Project Location:		CSAH 2 (Central Ave N) in Brockway Twn		
Functional Class:		Arterial		
Termini:		421st Street to CSAH 1		
Reconstruct/Expansion:		Reconstruct		
Length of Project (mi):		1.21		
Lanes:		2-lane		
Rural/Urban:		Rural		
Parking:		no		
Multimodal:		8' shoulders		
Projected Construction Year:		2025		
Funding Source:		2045 MTP		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_10	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 260,000.00
SUBTOTAL			\$	260,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	54,853	\$ 548,525.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	12,749	\$ 254,988.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	16,099	\$ 128,795.12
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,800	\$ 203,990.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	12,054	\$ 783,535.45
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,919,835.47
REMOVALS	LS	5%	1	\$ 95,991.77
DRAINAGE	LS	5%	1	\$ 95,991.77
INTERSECTIONS	LS	5%	1	\$ 95,991.77
LIGHTING	LS	2%	1	\$ 38,396.71
EROSION CONTROL	LS	5%	1	\$ 95,991.77
TRAFFIC CONTROL	LS	5%	1	\$ 95,991.77
SIGNING & STRIPING	LS	5%	1	\$ 95,991.77
SUBTOTAL			\$	614,347.35
CONTINGENCY	%	15%	\$	419,127.42
PROJECT TOTAL			\$	3,213,310.24

421st St

NORTH



CSAH 1





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Stearns County</i>
Project Location:	<i>CSAH 1 in Brockway Twn</i>
Functional Class:	<i>Arterial</i>
Termini:	<i>CSAH 17 to northern Stearns County boundary</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>2.26</i>
Lanes:	<i>2-lane</i>
Rural/Urban:	<i>Rural</i>
Parking:	<i>No</i>
Multimodal:	<i>8' shoulders</i>
Projected Construction Year:	<i>2026</i>
Funding Source:	<i>2045 MTP</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_11	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 420,000.00
SUBTOTAL			\$	420,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	50,524	\$ 505,244.70
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	23,660	\$ 473,201.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	40,700	\$ 325,597.36
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	12,619	\$ 378,563.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	22,424	\$ 1,457,589.96
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	3,140,197.12
REMOVALS	LS	5%	1	\$ 157,009.86
DRAINAGE	LS	5%	1	\$ 157,009.86
INTERSECTIONS	LS	5%	1	\$ 157,009.86
LIGHTING	LS	2%	1	\$ 62,803.94
EROSION CONTROL	LS	5%	1	\$ 157,009.86
TRAFFIC CONTROL	LS	5%	1	\$ 157,009.86
SIGNING & STRIPING	LS	5%	1	\$ 157,009.86
SUBTOTAL			\$	1,004,863.08
CONTINGENCY	%	15%	\$	684,759.03
PROJECT TOTAL			\$	5,249,819.23

CSAH 17

NORTH



North Boundary of Stearns County



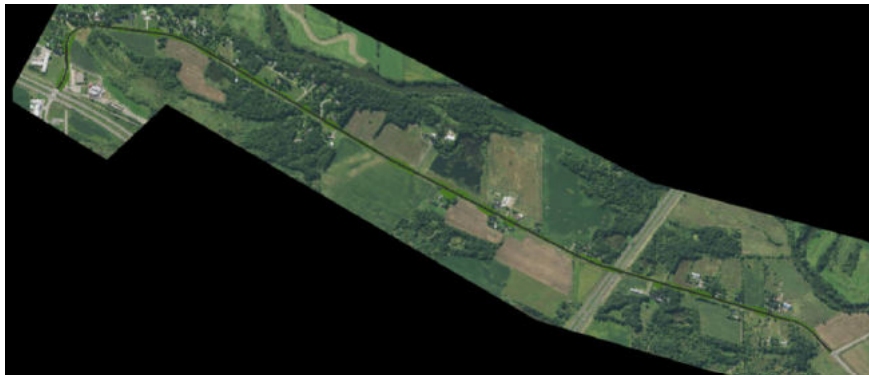
ITEM DESCRIPTION		UNITS	UNIT BID PRICE	Stearns_12	
				ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION		LS	10%	1	\$ 500,000.00
SUBTOTAL				\$	500,000.00
EXCAVATION - COMMON		CU YD	\$ 10.00	63,532	\$ 635,318.70
SELECT GRANULAR EMBANKMENT (CV)		CU YD	\$ 20.00	26,291	\$ 525,817.40
COMMON EMBANKMENT (CV)		CU YD	\$ 8.00	68,822	\$ 550,578.64
AGGREGATE BASE (CV) CLASS 5		CU YD	\$ 30.00	14,022	\$ 420,654.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)		TON	\$ 65.00	24,666	\$ 1,603,317.25
4" CONCRETE WALK		SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK		SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624		LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN		SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION		SQ FT	\$ 1.00		\$ -
SUBTOTAL				\$	3,735,685.99
REMOVALS		LS	5%	1	\$ 186,784.30
DRAINAGE		LS	5%	1	\$ 186,784.30
INTERSECTIONS		LS	5%	1	\$ 186,784.30
LIGHTING		LS	2%	1	\$ 74,713.72
EROSION CONTROL		LS	5%	1	\$ 186,784.30
TRAFFIC CONTROL		LS	5%	1	\$ 186,784.30
SIGNING & STRIPING		LS	5%	1	\$ 186,784.30
SUBTOTAL				\$	1,195,419.52
CONTINGENCY		%	15%	\$	814,665.83
PROJECT TOTAL				\$	6,245,771.33

CSAH 138

NORTH



St. Joseph Township





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CSAH 136 (Oak Grove Rd) in St. Cloud & St. Augusta</i>				
Functional Class: <i>Collector</i>				
Termini: <i>CR 115 to 33rd Street S</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>2.52</i>				
Lanes: <i>2-lane</i>				
Rural/Urban: <i>Rural</i>				
Parking: <i>No</i>				
Multimodal: <i>6' paved shoulders</i>				
Projected Construction Year: <i>long-term</i>				
Funding Source: <i>2045 MTP & Crash Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_13	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 500,000.00
SUBTOTAL			\$	500,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	42,614	\$ 426,144.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	24,015	\$ 480,306.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	126,547	\$ 1,012,375.36
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	12,808	\$ 384,245.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	22,531	\$ 1,464,546.53
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	3,767,618.99
REMOVALS	LS	5%	1	\$ 188,380.95
DRAINAGE	LS	5%	1	\$ 188,380.95
INTERSECTIONS	LS	5%	1	\$ 188,380.95
LIGHTING	LS	2%	1	\$ 75,352.38
EROSION CONTROL	LS	5%	1	\$ 188,380.95
TRAFFIC CONTROL	LS	5%	1	\$ 188,380.95
SIGNING & STRIPING	LS	5%	1	\$ 188,380.95
SUBTOTAL			\$	1,205,638.08
CONTINGENCY	%	15%	\$	820,988.56
PROJECT TOTAL			\$	6,294,245.63

CR 115

NORTH



33rd St S





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CR 137 in Waite Park</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>10th Ave to 2nd Ave</i>				
Reconstruct/Expansion:				
Length of Project (mi): <i>0.49</i>				
Lanes:				
Rural/Urban: <i>Urban</i>				
Parking:				
Multimodal: <i>Shared-use path</i>				
Projected Construction Year:				
Funding Source: <i>RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_14	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 20,000.00
SUBTOTAL			\$	20,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	417	\$ 4,168.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	2,949	\$ 23,593.68
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	482	\$ 14,446.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	26,003	\$ 52,006.30
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	94,214.68
REMOVALS	LS	10%	1	\$ 9,421.47
DRAINAGE	LS	15%	1	\$ 14,132.20
INTERSECTIONS	LS	10%	1	\$ 9,421.47
LIGHTING	LS	6%	1	\$ 5,652.88
EROSION CONTROL	LS	3%	1	\$ 2,826.44
TRAFFIC CONTROL	LS	5%	1	\$ 4,710.73
SIGNING & STRIPING	LS	5%	1	\$ 4,710.73
SUBTOTAL			\$	50,875.93
CONTINGENCY	%	15%	\$	24,763.59
PROJECT TOTAL			\$	189,854.20

10th Ave

NORTH



2nd Ave





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CR 137 in Waite Park</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>2nd Ave to St. Cloud City Limits</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.25</i>				
Lanes: <i>2-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared-use path</i>				
Projected Construction Year:				
Funding Source: <i>RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_15	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 60,000.00
SUBTOTAL			\$	60,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	4,286	\$ 42,858.10
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	2,249	\$ 44,986.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	1,924	\$ 15,389.52
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,443	\$ 43,284.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	1,730	\$ 112,455.47
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	13,131	\$ 26,262.08
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	2,626	\$ 65,658.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	350,893.42
REMOVALS	LS	10%	1	\$ 35,089.34
DRAINAGE	LS	15%	1	\$ 52,634.01
INTERSECTIONS	LS	10%	1	\$ 35,089.34
LIGHTING	LS	6%	1	\$ 21,053.60
EROSION CONTROL	LS	3%	1	\$ 10,526.80
TRAFFIC CONTROL	LS	5%	1	\$ 17,544.67
SIGNING & STRIPING	LS	5%	1	\$ 17,544.67
SUBTOTAL			\$	189,482.44
CONTINGENCY	%	15%	\$	90,056.38
PROJECT TOTAL			\$	690,432.24

2nd Ave

NORTH



St. Cloud City Limits





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CR 137 in Waite Park</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>St. Cloud city limits to W St. Germaine</i>				
Reconstruct/Expansion:				
Length of Project (mi): <i>0.54</i>				
Lanes:				
Rural/Urban: <i>Urban</i>				
Parking:				
Multimodal: <i>Shared-use path</i>				
Projected Construction Year:				
Funding Source: <i>RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_16	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 40,000.00
SUBTOTAL			\$	40,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	125	\$ 1,251.60
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	22,199	\$ 177,592.08
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	524	\$ 15,716.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	28,291	\$ 56,581.32
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	251,141.40
REMOVALS	LS	10%	1	\$ 25,114.14
DRAINAGE	LS	15%	1	\$ 37,671.21
INTERSECTIONS	LS	10%	1	\$ 25,114.14
LIGHTING	LS	6%	1	\$ 15,068.48
EROSION CONTROL	LS	3%	1	\$ 7,534.24
TRAFFIC CONTROL	LS	5%	1	\$ 12,557.07
SIGNING & STRIPING	LS	5%	1	\$ 12,557.07
SUBTOTAL			\$	135,616.36
CONTINGENCY	%	15%	\$	64,013.66
PROJECT TOTAL			\$	490,771.42

St. Cloud City Limits

NORTH



W St. Germaine





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CR 121 in St. Joseph</i>				
Functional Class: <i>Collector</i>				
Termini: <i>CSAH 138 to Elena Lane</i>				
Reconstruct/Expansion:				
Length of Project (mi): <i>2.05</i>				
Lanes:				
Rural/Urban: <i>Rural</i>				
Parking:				
Multimodal: <i>Shared-use path</i>				
Projected Construction Year:				
Funding Source: <i>RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_17	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 70,000.00
SUBTOTAL			\$	70,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	1,620	\$ 16,200.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	26,124	\$ 208,993.84
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,002	\$ 60,049.50
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	108,086	\$ 216,171.18
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	501,414.52
REMOVALS	LS	5%	1	\$ 25,070.73
DRAINAGE	LS	5%	1	\$ 25,070.73
INTERSECTIONS	LS	5%	1	\$ 25,070.73
LIGHTING	LS	2%	1	\$ 10,028.29
EROSION CONTROL	LS	5%	1	\$ 25,070.73
TRAFFIC CONTROL	LS	5%	1	\$ 25,070.73
SIGNING & STRIPING	LS	5%	1	\$ 25,070.73
SUBTOTAL			\$	160,452.65
CONTINGENCY	%	15%	\$	109,780.07
PROJECT TOTAL			\$	841,647.24


CSAH 138

NORTH



Elena Lane



 ST CLOUD APO PRELIMINARY COST ESTIMATE				
Agency: Stearns County				
Project Location: CSAH 137 in Waite Park				
Functional Class: Collector				
Termini: 28th Ave S to SW Beltline				
Reconstruct/Expansion:				
Length of Project (mi): 1.39				
Lanes:				
Rural/Urban: Rural				
Parking:				
Multimodal: Shared-use path				
Projected Construction Year:				
Funding Source: RATP				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_18	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 50,000.00
SUBTOTAL			\$	50,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	5,717	\$ 57,169.60
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	7,742	\$ 61,934.80
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,359	\$ 40,766.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	73,373	\$ 146,746.00
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	306,617.10
REMOVALS	LS	5%	1	\$ 15,330.86
DRAINAGE	LS	5%	1	\$ 15,330.86
INTERSECTIONS	LS	5%	1	\$ 15,330.86
LIGHTING	LS	2%	1	\$ 6,132.34
EROSION CONTROL	LS	5%	1	\$ 15,330.86
TRAFFIC CONTROL	LS	5%	1	\$ 15,330.86
SIGNING & STRIPING	LS	5%	1	\$ 15,330.86
SUBTOTAL			\$	98,117.47
CONTINGENCY	%	15%	\$	68,210.19
PROJECT TOTAL			\$	522,944.76

SW Beltline

NORTH



28th Ave S





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CSAH 120 in St. Cloud</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>CSAH 4 to CR 134</i>				
Reconstruct/Expansion:				
Length of Project (mi): <i>1.36</i>				
Lanes:				
Rural/Urban: <i>Urban</i>				
Parking:				
Multimodal: <i>Shared-use path</i>				
Projected Construction Year:				
Funding Source: <i>RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_19	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 50,000.00
SUBTOTAL			\$	50,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	363	\$ 3,632.10
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	13,106	\$ 104,849.44
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,330	\$ 39,911.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	71,841	\$ 143,682.62
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	292,075.56
REMOVALS	LS	10%	1	\$ 29,207.56
DRAINAGE	LS	15%	1	\$ 43,811.33
INTERSECTIONS	LS	10%	1	\$ 29,207.56
LIGHTING	LS	6%	1	\$ 17,524.53
EROSION CONTROL	LS	3%	1	\$ 8,762.27
TRAFFIC CONTROL	LS	5%	1	\$ 14,603.78
SIGNING & STRIPING	LS	5%	1	\$ 14,603.78
SUBTOTAL			\$	157,720.80
CONTINGENCY	%	15%	\$	74,969.45
PROJECT TOTAL			\$	574,765.82


35th Street (CSAH 29)

NORTH



MN-23



 ST CLOUD APO PRELIMINARY COST ESTIMATE				
Agency:		<i>Stearns County</i>		
Project Location:		<i>CSAH 133 in St. Joseph and Sartell</i>		
Functional Class:		<i>Arterial</i>		
Termini:		<i>15th Ave in St. Joe to 19th in Sartell</i>		
Reconstruct/Expansion:				
Length of Project (mi):		<i>3.92</i>		
Lanes:				
Rural/Urban:		<i>Rural</i>		
Parking:				
Multimodal:		<i>Shared-use path</i>		
Projected Construction Year:				
Funding Source:		<i>RATP</i>		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_20	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 130,000.00
SUBTOTAL			\$	130,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	3,927	\$ 39,269.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	45,524	\$ 364,190.96
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	3,835	\$ 115,036.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	207,062	\$ 414,123.26
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	932,619.42
REMOVALS	LS	5%	1	\$ 46,630.97
DRAINAGE	LS	5%	1	\$ 46,630.97
INTERSECTIONS	LS	5%	1	\$ 46,630.97
LIGHTING	LS	2%	1	\$ 18,652.39
EROSION CONTROL	LS	5%	1	\$ 46,630.97
TRAFFIC CONTROL	LS	5%	1	\$ 46,630.97
SIGNING & STRIPING	LS	5%	1	\$ 46,630.97
SUBTOTAL			\$	298,438.21
CONTINGENCY	%	15%	\$	204,158.65
PROJECT TOTAL			\$	1,565,216.28

15th Ave

NORTH

19th Ave





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CSAH 2 in St. Joseph</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>CSAH 75 to 320th</i>				
Reconstruct/Expansion:				
Length of Project (mi): <i>1.30</i>				
Lanes:				
Rural/Urban: <i>Hybrid</i>				
Parking:				
Multimodal: <i>Shared-use path</i>				
Projected Construction Year:				
Funding Source: <i>RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_21	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 50,000.00
SUBTOTAL			\$	50,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	999	\$ 9,992.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	16,522	\$ 132,178.64
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,275	\$ 38,250.30
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	68,830	\$ 137,660.68
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	318,082.12
REMOVALS	LS	8%	1	\$ 25,446.57
DRAINAGE	LS	10%	1	\$ 31,808.21
INTERSECTIONS	LS	8%	1	\$ 25,446.57
LIGHTING	LS	4%	1	\$ 12,723.28
EROSION CONTROL	LS	4%	1	\$ 12,723.28
TRAFFIC CONTROL	LS	5%	1	\$ 15,904.11
SIGNING & STRIPING	LS	5%	1	\$ 15,904.11
SUBTOTAL			\$	139,956.13
CONTINGENCY	%	15%	\$	76,205.74
PROJECT TOTAL			\$	584,243.99

CSAH 75

NORTH



320th St





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Stearns County</i>				
Project Location: <i>CSAH 138 in Waite Park, St. Joseph Twn, and Rockville</i>				
Functional Class: <i>Minor Collector</i>				
Termini: <i>CR 121 to Rockville</i>				
Reconstruct/Expansion:				
Length of Project (mi): <i>4.19</i>				
Lanes:				
Rural/Urban: <i>Rural</i>				
Parking:				
Multimodal: <i>Shared-use path</i>				
Projected Construction Year:				
Funding Source: <i>RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Stearns_22	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 180,000.00
SUBTOTAL			\$	180,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	4,842	\$ 48,418.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	91,089	\$ 728,715.04
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	4,097	\$ 122,900.10
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	221,226	\$ 442,451.82
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,342,484.96
REMOVALS	LS	5%	1	\$ 67,124.25
DRAINAGE	LS	5%	1	\$ 67,124.25
INTERSECTIONS	LS	5%	1	\$ 67,124.25
LIGHTING	LS	2%	1	\$ 26,849.70
EROSION CONTROL	LS	5%	1	\$ 67,124.25
TRAFFIC CONTROL	LS	5%	1	\$ 67,124.25
SIGNING & STRIPING	LS	5%	1	\$ 67,124.25
SUBTOTAL			\$	429,595.19
CONTINGENCY	%	15%	\$	292,812.02
PROJECT TOTAL			\$	2,244,892.17

Rockville

NORTH



CR 121





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>40th Street S (MSAS 156)</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Cooper Ave to Roosevelt Rd (CSAH 75)</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>1.24</i>				
Lanes: <i>4-lane undivided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side; sidewalk on the other</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_01	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 830,000.00
SUBTOTAL			\$	830,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	171,700	\$ 1,716,998.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	17,240	\$ 344,798.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	89,811	\$ 718,487.20
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	11,130	\$ 333,909.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	14,756	\$ 959,132.79
4" CONCRETE WALK	SQ FT	\$ 8.00	39,198	\$ 313,584.40
3" BITUMINOUS WALK	SQ FT	\$ 2.00	65,330	\$ 130,660.18
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	13,069	\$ 326,725.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	522,640	\$ 522,640.00
SUBTOTAL			\$	5,366,937.52
REMOVALS	LS	10%	1	\$ 536,693.75
DRAINAGE	LS	15%	1	\$ 805,040.63
INTERSECTIONS	LS	10%	1	\$ 536,693.75
LIGHTING	LS	6%	1	\$ 322,016.25
EROSION CONTROL	LS	3%	1	\$ 161,008.13
TRAFFIC CONTROL	LS	5%	1	\$ 268,346.88
SIGNING & STRIPING	LS	5%	1	\$ 268,346.88
SUBTOTAL			\$	2,898,146.26
CONTINGENCY	%	15%	\$	1,364,262.57
PROJECT TOTAL			\$	10,459,346.35

Cooper Ave

NORTH



Roosevelt Rd (CSAH 75)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>40th Street S (MSAS 156)</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Oak Grove Rd (CSAH 136) to Cooper Ave (MSAS 141)</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.99</i>				
Lanes: <i>4-lane undivided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side; sidewalk on the other</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP & Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_02	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 420,000.00
SUBTOTAL			\$	420,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	18,453	\$ 184,534.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	13,849	\$ 276,985.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	21,944	\$ 175,553.76
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	8,941	\$ 268,238.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	11,854	\$ 770,496.01
4" CONCRETE WALK	SQ FT	\$ 8.00	31,489	\$ 251,910.40
3" BITUMINOUS WALK	SQ FT	\$ 2.00	52,481	\$ 104,962.68
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	10,498	\$ 262,454.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	419,840	\$ 419,840.00
SUBTOTAL			\$	2,714,975.40
REMOVALS	LS	10%	1	\$ 271,497.54
DRAINAGE	LS	15%	1	\$ 407,246.31
INTERSECTIONS	LS	10%	1	\$ 271,497.54
LIGHTING	LS	6%	1	\$ 162,898.52
EROSION CONTROL	LS	3%	1	\$ 81,449.26
TRAFFIC CONTROL	LS	5%	1	\$ 135,748.77
SIGNING & STRIPING	LS	5%	1	\$ 135,748.77
SUBTOTAL			\$	1,466,086.72
CONTINGENCY	%	15%	\$	690,159.32
PROJECT TOTAL			\$	5,291,221.43

Oak Grove Rd (CSAH 136)

NORTH



Cooper Ave (MSAS 141)





ST CLOUD APO PRELIMINARY COST ESTIMATE

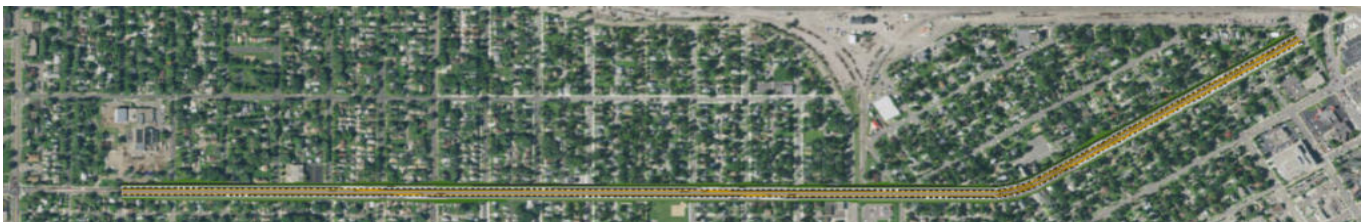
Agency: <i>Saint Cloud</i>				
Project Location: <i>3rd Street N (MSAS 114)</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>31st Avenue N to 9th Avenue N (MSAS 145)</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>1.47</i>				
Lanes: <i>4-lane divided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Constrained (8') shared-use path on north side? 10' wherever possible</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_03	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 840,000.00
SUBTOTAL			\$	840,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	49,874	\$ 498,743.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	30,462	\$ 609,242.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	15,234	\$ 121,869.44
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	18,549	\$ 556,456.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	19,031	\$ 1,236,995.35
4" CONCRETE WALK	SQ FT	\$ 8.00	46,825	\$ 374,596.32
3" BITUMINOUS WALK	SQ FT	\$ 2.00	77,482	\$ 154,964.10
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	31,113	\$ 777,833.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	15,555	\$ 1,119,961.12
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	5,450,661.83
REMOVALS	LS	10%	1	\$ 545,066.18
DRAINAGE	LS	15%	1	\$ 817,599.27
INTERSECTIONS	LS	10%	1	\$ 545,066.18
LIGHTING	LS	6%	1	\$ 327,039.71
EROSION CONTROL	LS	3%	1	\$ 163,519.85
TRAFFIC CONTROL	LS	5%	1	\$ 272,533.09
SIGNING & STRIPING	LS	5%	1	\$ 272,533.09
SUBTOTAL			\$	2,943,357.39
CONTINGENCY	%	15%	\$	1,385,102.88
PROJECT TOTAL			\$	10,619,122.09


31st Ave N

NORTH



9th Ave N (MSAS 145)



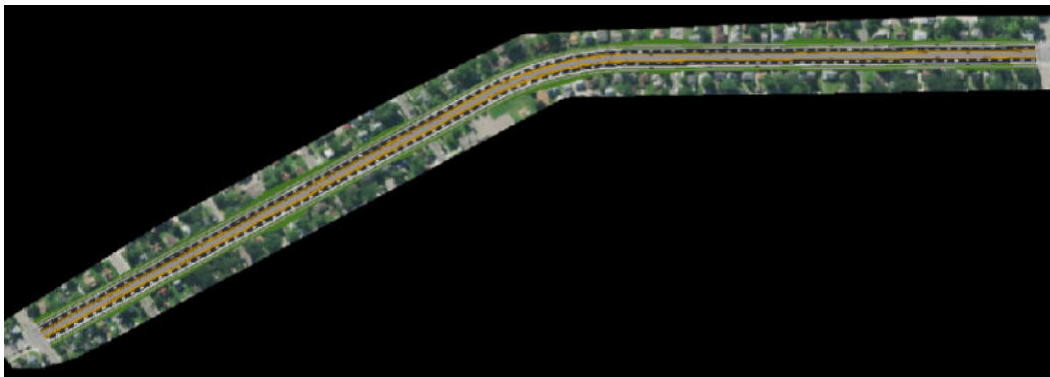
 ST CLOUD APO PRELIMINARY COST ESTIMATE				
Agency:		<i>Saint Cloud</i>		
Project Location:		<i>9th Avenue N (MSAS 145)</i>		
Functional Class:		<i>Arterial</i>		
Termini:		<i>15th Street N (MSAS 148) to 8th Street/Veterans (CSAH 4)</i>		
Reconstruct/Expansion:		<i>Expansion</i>		
Length of Project (mi):		<i>0.73</i>		
Lanes:		<i>4-lane divided</i>		
Rural/Urban:		<i>Urban</i>		
Parking:		<i>No</i>		
Multimodal:		<i>Sidewalks on both sides</i>		
Projected Construction Year:				
Funding Source:		<i>2045 MTP</i>		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_04	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 440,000.00
SUBTOTAL			\$	440,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	27,570	\$ 275,703.10
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	15,058	\$ 301,163.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	7,306	\$ 58,444.88
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	8,885	\$ 266,563.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	9,407	\$ 611,473.22
4" CONCRETE WALK	SQ FT	\$ 8.00	46,135	\$ 369,080.48
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	15,380	\$ 384,506.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	7,689	\$ 553,620.72
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,820,554.85
REMOVALS	LS	10%	1	\$ 282,055.49
DRAINAGE	LS	15%	1	\$ 423,083.23
INTERSECTIONS	LS	10%	1	\$ 282,055.49
LIGHTING	LS	6%	1	\$ 169,233.29
EROSION CONTROL	LS	3%	1	\$ 84,616.65
TRAFFIC CONTROL	LS	5%	1	\$ 141,027.74
SIGNING & STRIPING	LS	5%	1	\$ 141,027.74
SUBTOTAL			\$	1,523,099.62
CONTINGENCY	%	15%	\$	717,548.17
PROJECT TOTAL			\$	5,501,202.64


8th St/Veterans (CSAH 4)

NORTH



15th St N (MSAS 148)



 ST CLOUD APO PRELIMINARY COST ESTIMATE				
Agency:		<i>Saint Cloud</i>		
Project Location:		<i>Pinecone Rd South</i>		
Functional Class:		<i>Arterial</i>		
Termini:		<i>CR 134 to CSAH 120</i>		
Reconstruct/Expansion:		<i>Expansion</i>		
Length of Project (mi):		<i>0.57</i>		
Lanes:		<i>4-lane divided</i>		
Rural/Urban:		<i>Urban</i>		
Parking:		<i>No</i>		
Multimodal:		<i>shared use path 1 side; sidewalk on the other</i>		
Projected Construction Year:				
Funding Source:		<i>2045 MTP & RATP</i>		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_05	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 310,000.00
SUBTOTAL			\$	310,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	20,395	\$ 203,954.60
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	11,718	\$ 234,356.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	6,259	\$ 50,068.64
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,798	\$ 203,950.80
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	7,320	\$ 475,829.42
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	29,640	\$ 59,280.30
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	11,969	\$ 299,236.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	5,983	\$ 430,810.40
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,957,486.16
REMOVALS	LS	10%	1	\$ 195,748.62
DRAINAGE	LS	15%	1	\$ 293,622.92
INTERSECTIONS	LS	10%	1	\$ 195,748.62
LIGHTING	LS	6%	1	\$ 117,449.17
EROSION CONTROL	LS	3%	1	\$ 58,724.58
TRAFFIC CONTROL	LS	5%	1	\$ 97,874.31
SIGNING & STRIPING	LS	5%	1	\$ 97,874.31
SUBTOTAL			\$	1,057,042.52
CONTINGENCY	%	15%	\$	498,679.30
PROJECT TOTAL			\$	3,823,207.98

CR 134

NORTH



CSAH 120





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Saint Cloud</i>
Project Location:	<i>322nd Street</i>
Functional Class:	<i>Collector</i>
Termini:	<i>CSAH 133 to CSAH 4</i>
Reconstruct/Expansion:	<i>Expansion</i>
Length of Project (mi):	<i>1.32</i>
Lanes:	<i>3-lane undivided</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>No</i>
Multimodal:	<i>shared use path 1 side; sidewalk on the other</i>
Projected Construction Year:	
Funding Source:	<i>2045 MTP & RATP</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_06	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 430,000.00
SUBTOTAL			\$	430,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	28,373	\$ 283,731.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	15,486	\$ 309,720.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	23,155	\$ 185,241.52
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	10,327	\$ 309,821.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	12,789	\$ 831,266.36
4" CONCRETE WALK	SQ FT	\$ 8.00	41,622	\$ 332,973.04
3" BITUMINOUS WALK	SQ FT	\$ 2.00	70,057	\$ 140,113.08
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	13,940	\$ 348,495.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,741,363.40
REMOVALS	LS	10%	1	\$ 274,136.34
DRAINAGE	LS	15%	1	\$ 411,204.51
INTERSECTIONS	LS	10%	1	\$ 274,136.34
LIGHTING	LS	6%	1	\$ 164,481.80
EROSION CONTROL	LS	3%	1	\$ 82,240.90
TRAFFIC CONTROL	LS	5%	1	\$ 137,068.17
SIGNING & STRIPING	LS	5%	1	\$ 137,068.17
SUBTOTAL			\$	1,480,336.24
CONTINGENCY	%	15%	\$	697,754.95
PROJECT TOTAL			\$	5,349,454.58

CSAH 133

NORTH



CSAH 4





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>Clearwater Road/9th Street South</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>University Drive to 22nd Street S</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.87</i>				
Lanes: <i>3-lane undivided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal:				
Projected Construction Year:				
Funding Source: <i>2050 Model Map & Crash Rate Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_07	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 220,000.00
SUBTOTAL			\$	220,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	18,107	\$ 181,066.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	10,184	\$ 203,680.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	5,086	\$ 40,684.80
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	5,431	\$ 162,944.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	8,410	\$ 546,664.31
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	9,167	\$ 229,163.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,364,205.26
REMOVALS	LS	10%	1	\$ 136,420.53
DRAINAGE	LS	15%	1	\$ 204,630.79
INTERSECTIONS	LS	10%	1	\$ 136,420.53
LIGHTING	LS	6%	1	\$ 81,852.32
EROSION CONTROL	LS	3%	1	\$ 40,926.16
TRAFFIC CONTROL	LS	5%	1	\$ 68,210.26
SIGNING & STRIPING	LS	5%	1	\$ 68,210.26
SUBTOTAL			\$	736,670.84
CONTINGENCY	%	15%	\$	348,131.42
PROJECT TOTAL			\$	2,669,007.52


22nd St S

NORTH



University Dr



 ST CLOUD APO PRELIMINARY COST ESTIMATE				
Agency:		Saint Cloud		
Project Location:		Cooper Ave		
Functional Class:		Collector		
Termini:		Overpass of I-94		
Reconstruct/Expansion:		Expansion		
Length of Project (mi):		0.51		
Lanes:		2-lane		
Rural/Urban:		Urban		
Parking:		No		
Multimodal:		shared use path 1 side; sidewalk on the other		
Projected Construction Year:				
Funding Source:		City Staff		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_08	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 220,000.00
SUBTOTAL			\$	220,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	32,286	\$ 322,857.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	4,012	\$ 80,232.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	26,858	\$ 214,867.28
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,818	\$ 84,548.10
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,128	\$ 203,322.70
4" CONCRETE WALK	SQ FT	\$ 8.00	14,235	\$ 113,883.68
3" BITUMINOUS WALK	SQ FT	\$ 2.00	23,760	\$ 47,519.84
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	5,179	\$ 129,484.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	215,200	\$ 215,200.00
SUBTOTAL			\$	1,411,916.10
REMOVALS	LS	10%	1	\$ 141,191.61
DRAINAGE	LS	15%	1	\$ 211,787.42
INTERSECTIONS	LS	10%	1	\$ 141,191.61
LIGHTING	LS	6%	1	\$ 84,714.97
EROSION CONTROL	LS	3%	1	\$ 42,357.48
TRAFFIC CONTROL	LS	5%	1	\$ 70,595.81
SIGNING & STRIPING	LS	5%	1	\$ 70,595.81
SUBTOTAL			\$	762,434.70
CONTINGENCY	%	15%	\$	359,152.62
PROJECT TOTAL			\$	2,753,503.42

255th St

NORTH



40th St S





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>Heatherwood Rd</i>				
Functional Class: <i>Collector</i>				
Termini: <i>47th Street to 60th Street S</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>1.23</i>				
Lanes: <i>half 3-lane; half 2-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>shared use path 1 side; sidewalk on the other</i>				
Projected Construction Year:				
Funding Source: <i>City Staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_09	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 610,000.00
SUBTOTAL			\$	610,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	31,100	\$ 310,995.10
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	12,378	\$ 247,568.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	146,542	\$ 1,172,335.76
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	8,526	\$ 255,783.30
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	9,834	\$ 639,242.47
4" CONCRETE WALK	SQ FT	\$ 8.00	38,782	\$ 310,255.76
3" BITUMINOUS WALK	SQ FT	\$ 2.00	65,129	\$ 130,258.50
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	12,980	\$ 324,497.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	518,960	\$ 518,960.00
SUBTOTAL			\$	3,909,897.19
REMOVALS	LS	10%	1	\$ 390,989.72
DRAINAGE	LS	15%	1	\$ 586,484.58
INTERSECTIONS	LS	10%	1	\$ 390,989.72
LIGHTING	LS	6%	1	\$ 234,593.83
EROSION CONTROL	LS	3%	1	\$ 117,296.92
TRAFFIC CONTROL	LS	5%	1	\$ 195,494.86
SIGNING & STRIPING	LS	5%	1	\$ 195,494.86
SUBTOTAL			\$	2,111,344.48
CONTINGENCY	%	15%	\$	994,686.25
PROJECT TOTAL			\$	7,625,927.93

47th St

NORTH



60th St S





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>West Saint Germain St (CSAH 74)</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>7th Street S/22nd Street S (CR 137) to 33rd Street S</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>1.87</i>				
Lanes: <i>3-lane undivided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>shared use path 1 side; sidewalk on the other</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP & RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_10	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 650,000.00
SUBTOTAL			\$	650,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	63,669	\$ 636,689.60
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	21,887	\$ 437,746.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	44,227	\$ 353,816.32
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	14,589	\$ 437,671.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	18,075	\$ 1,174,878.87
4" CONCRETE WALK	SQ FT	\$ 8.00	59,241	\$ 473,931.28
3" BITUMINOUS WALK	SQ FT	\$ 2.00	98,210	\$ 196,419.96
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	19,700	\$ 492,494.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	4,203,648.38
REMOVALS	LS	10%	1	\$ 420,364.84
DRAINAGE	LS	15%	1	\$ 630,547.26
INTERSECTIONS	LS	10%	1	\$ 420,364.84
LIGHTING	LS	6%	1	\$ 252,218.90
EROSION CONTROL	LS	3%	1	\$ 126,109.45
TRAFFIC CONTROL	LS	5%	1	\$ 210,182.42
SIGNING & STRIPING	LS	5%	1	\$ 210,182.42
SUBTOTAL			\$	2,269,970.12
CONTINGENCY	%	15%	\$	1,068,542.78
PROJECT TOTAL			\$	8,192,161.28

33rd St S

NORTH



7th St S/22nd St S (CR 137)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Saint Cloud</i>
Project Location:	<i>22nd Street S (MSAS 153)</i>
Functional Class:	<i>Arterial</i>
Termini:	<i>Oak Grove Rd (CSAH 136) to Cooper Ave (MSAS 141)</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>0.75</i>
Lanes:	<i>2-lane</i>
Rural/Urban:	<i>Urban</i>
Parking:	
Multimodal:	<i>Shared use path on 1 side</i>
Projected Construction Year:	<i>2026</i>
Funding Source:	<i>2045 MTP</i>

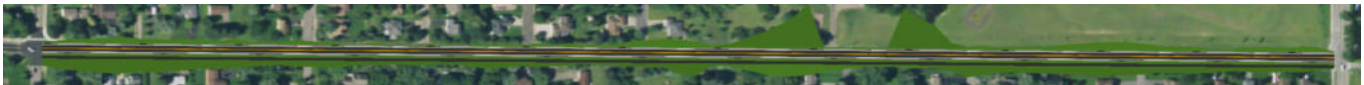
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_11	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 220,000.00
SUBTOTAL			\$	220,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	31,161	\$ 311,609.70
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	6,755	\$ 135,090.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	24,987	\$ 199,896.00
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	4,333	\$ 129,978.60
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	5,195	\$ 337,695.93
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	39,432	\$ 78,863.18
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	7,889	\$ 197,236.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,390,369.66
REMOVALS	LS	10%	1	\$ 139,036.97
DRAINAGE	LS	15%	1	\$ 208,555.45
INTERSECTIONS	LS	10%	1	\$ 139,036.97
LIGHTING	LS	6%	1	\$ 83,422.18
EROSION CONTROL	LS	3%	1	\$ 41,711.09
TRAFFIC CONTROL	LS	5%	1	\$ 69,518.48
SIGNING & STRIPING	LS	5%	1	\$ 69,518.48
SUBTOTAL			\$	750,799.62
CONTINGENCY	%	15%	\$	354,175.39
PROJECT TOTAL			\$	2,715,344.67

Oak Grove Rd (CSAH 136)

NORTH



Cooper Ave (MSAS 141)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>9th Avenue N (MSAS 145)</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>4th Street S to University Dr (MSAS 101)</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.44</i>				
Lanes: <i>4-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Sidewalks on both sides</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_12	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 170,000.00
SUBTOTAL			\$	170,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	11,114	\$ 111,142.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	6,111	\$ 122,212.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	3,887	\$ 31,099.36
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	3,774	\$ 113,207.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	5,230	\$ 339,960.71
4" CONCRETE WALK	SQ FT	\$ 8.00	27,787	\$ 222,297.44
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	4,632	\$ 115,787.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,055,707.56
REMOVALS	LS	10%	1	\$ 105,570.76
DRAINAGE	LS	15%	1	\$ 158,356.13
INTERSECTIONS	LS	10%	1	\$ 105,570.76
LIGHTING	LS	6%	1	\$ 63,342.45
EROSION CONTROL	LS	3%	1	\$ 31,671.23
TRAFFIC CONTROL	LS	5%	1	\$ 52,785.38
SIGNING & STRIPING	LS	5%	1	\$ 52,785.38
SUBTOTAL			\$	570,082.08
CONTINGENCY	%	15%	\$	269,368.45
PROJECT TOTAL			\$	2,065,158.09

University Dr (MSAS 101)

NORTH



4th St S





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>5th Avenue South</i>				
Functional Class: <i>Collector</i>				
Termini: <i>9th Street South to Ramsey Place</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.47</i>				
Lanes: <i>2-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Sidewalks both sides</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_13	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 140,000.00
SUBTOTAL			\$	140,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	9,131	\$ 91,310.40
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	4,257	\$ 85,142.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	2,857	\$ 22,857.12
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,823	\$ 84,682.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,274	\$ 212,837.19
4" CONCRETE WALK	SQ FT	\$ 8.00	29,823	\$ 238,581.76
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	4,971	\$ 124,277.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	859,688.12
REMOVALS	LS	10%	1	\$ 85,968.81
DRAINAGE	LS	15%	1	\$ 128,953.22
INTERSECTIONS	LS	10%	1	\$ 85,968.81
LIGHTING	LS	6%	1	\$ 51,581.29
EROSION CONTROL	LS	3%	1	\$ 25,790.64
TRAFFIC CONTROL	LS	5%	1	\$ 42,984.41
SIGNING & STRIPING	LS	5%	1	\$ 42,984.41
SUBTOTAL			\$	464,231.58
CONTINGENCY	%	15%	\$	219,587.95
PROJECT TOTAL			\$	1,683,507.65

9th St S

NORTH



Ramsey Pl





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>9th Avenue N (MSAS 145)</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>4th Street S to Veterans Blvd/8th Street N</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.30</i>				
Lanes: <i>4-lane divided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Sidewalks both sides</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_14	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 180,000.00
SUBTOTAL			\$	180,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	13,314	\$ 133,139.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	6,128	\$ 122,556.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	2,398	\$ 19,186.72
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	3,616	\$ 108,465.60
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,829	\$ 248,871.51
4" CONCRETE WALK	SQ FT	\$ 8.00	18,777	\$ 150,216.88
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	6,260	\$ 156,490.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	3,130	\$ 225,325.36
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,164,253.27
REMOVALS	LS	10%	1	\$ 116,425.33
DRAINAGE	LS	15%	1	\$ 174,637.99
INTERSECTIONS	LS	10%	1	\$ 116,425.33
LIGHTING	LS	6%	1	\$ 69,855.20
EROSION CONTROL	LS	3%	1	\$ 34,927.60
TRAFFIC CONTROL	LS	5%	1	\$ 58,212.66
SIGNING & STRIPING	LS	5%	1	\$ 58,212.66
SUBTOTAL			\$	628,696.77
CONTINGENCY	%	15%	\$	295,942.51
PROJECT TOTAL			\$	2,268,892.54

8th St N

NORTH



4th St S





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>Centennial Drive/10th Street N</i>				
Functional Class: <i>Collector</i>				
Termini: <i>9th Avenue North to 33rd Avenue</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>1.36</i>				
Lanes: <i>2-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>On road bike-lane; sidewalk on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_15	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 360,000.00
SUBTOTAL			\$	360,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	17,820	\$ 178,196.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	14,315	\$ 286,302.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	19,859	\$ 158,872.64
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	8,432	\$ 252,957.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	11,505	\$ 747,812.77
4" CONCRETE WALK	SQ FT	\$ 8.00	43,054	\$ 344,429.68
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	14,384	\$ 359,592.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,328,164.04
REMOVALS	LS	10%	1	\$ 232,816.40
DRAINAGE	LS	15%	1	\$ 349,224.61
INTERSECTIONS	LS	10%	1	\$ 232,816.40
LIGHTING	LS	6%	1	\$ 139,689.84
EROSION CONTROL	LS	3%	1	\$ 69,844.92
TRAFFIC CONTROL	LS	5%	1	\$ 116,408.20
SIGNING & STRIPING	LS	5%	1	\$ 116,408.20
SUBTOTAL			\$	1,257,208.58
CONTINGENCY	%	15%	\$	591,805.89
PROJECT TOTAL			\$	4,537,178.51

33rd Ave

NORTH



9th Ave N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>University Dr SE</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>Mississippi River to 15th Ave SE</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.94</i>				
Lanes: <i>3-lane undivided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Sidewalk on both sides</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_16	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 320,000.00
SUBTOTAL			\$	320,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	18,897	\$ 188,971.60
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	11,019	\$ 220,389.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	13,519	\$ 108,155.68
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,979	\$ 209,370.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	9,100	\$ 591,508.93
4" CONCRETE WALK	SQ FT	\$ 8.00	59,505	\$ 476,040.24
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	9,919	\$ 247,969.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,042,405.60
REMOVALS	LS	10%	1	\$ 204,240.56
DRAINAGE	LS	15%	1	\$ 306,360.84
INTERSECTIONS	LS	10%	1	\$ 204,240.56
LIGHTING	LS	6%	1	\$ 122,544.34
EROSION CONTROL	LS	3%	1	\$ 61,272.17
TRAFFIC CONTROL	LS	5%	1	\$ 102,120.28
SIGNING & STRIPING	LS	5%	1	\$ 102,120.28
SUBTOTAL			\$	1,102,899.03
CONTINGENCY	%	15%	\$	519,795.69
PROJECT TOTAL			\$	3,985,100.32

15th Ave SE

NORTH



Mississippi River





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>12th Street N</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>MN-15 to 33rd Avenue N</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.33</i>				
Lanes: <i>3-lane undivided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Sidewalk on both sides</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_17	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 110,000.00
SUBTOTAL			\$	110,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	7,300	\$ 72,999.60
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	3,850	\$ 76,995.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	3,603	\$ 28,825.44
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,438	\$ 73,145.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,179	\$ 206,649.31
4" CONCRETE WALK	SQ FT	\$ 8.00	20,789	\$ 166,309.20
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	3,465	\$ 86,637.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	711,561.15
REMOVALS	LS	10%	1	\$ 71,156.11
DRAINAGE	LS	15%	1	\$ 106,734.17
INTERSECTIONS	LS	10%	1	\$ 71,156.11
LIGHTING	LS	6%	1	\$ 42,693.67
EROSION CONTROL	LS	3%	1	\$ 21,346.83
TRAFFIC CONTROL	LS	5%	1	\$ 35,578.06
SIGNING & STRIPING	LS	5%	1	\$ 35,578.06
SUBTOTAL			\$	384,243.02
CONTINGENCY	%	15%	\$	180,870.63
PROJECT TOTAL			\$	1,386,674.80

MN-15

NORTH



33rd Ave N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>Wilson Avenue SE</i>				
Functional Class: <i>Collector</i>				
Termini: <i>7th Street SE to Division St (MN 23)</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.29</i>				
Lanes: <i>2-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>Sidewalk on both sides</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_18	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 80,000.00
SUBTOTAL			\$	80,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	8,169	\$ 81,692.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	3,433	\$ 68,651.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	508	\$ 4,067.52
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,117	\$ 63,502.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	2,835	\$ 184,254.65
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	15,446	\$ 30,892.96
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	3,090	\$ 77,238.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	510,300.08
REMOVALS	LS	10%	1	\$ 51,030.01
DRAINAGE	LS	15%	1	\$ 76,545.01
INTERSECTIONS	LS	10%	1	\$ 51,030.01
LIGHTING	LS	6%	1	\$ 30,618.00
EROSION CONTROL	LS	3%	1	\$ 15,309.00
TRAFFIC CONTROL	LS	5%	1	\$ 25,515.00
SIGNING & STRIPING	LS	5%	1	\$ 25,515.00
SUBTOTAL			\$	275,562.04
CONTINGENCY	%	15%	\$	129,879.32
PROJECT TOTAL			\$	995,741.44


7th St SE

NORTH



Division St (MN-23)



 ST CLOUD APO PRELIMINARY COST ESTIMATE				
Agency:		<i>Saint Cloud</i>		
Project Location:		<i>Lincoln Avenue SE</i>		
Functional Class:		<i>Arterial</i>		
Termini:		<i>7th Street SE to northern city limits</i>		
Reconstruct/Expansion:		<i>Reconstruct</i>		
Length of Project (mi):		<i>1.53</i>		
Lanes:		<i>3-lane undivided</i>		
Rural/Urban:		<i>Urban</i>		
Parking:		<i>Yes</i>		
Multimodal:		<i>No</i>		
Projected Construction Year:		<i>2025</i>		
Funding Source:		<i>Pavement Quality Map</i>		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_19	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 590,000.00
SUBTOTAL			\$	590,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	37,230	\$ 372,303.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	22,441	\$ 448,816.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	12,499	\$ 99,991.20
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	13,764	\$ 412,911.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	19,387	\$ 1,260,186.47
4" CONCRETE WALK	SQ FT	\$ 8.00	96,944	\$ 775,553.20
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	16,158	\$ 403,957.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	3,773,719.52
REMOVALS	LS	10%	1	\$ 377,371.95
DRAINAGE	LS	15%	1	\$ 566,057.93
INTERSECTIONS	LS	10%	1	\$ 377,371.95
LIGHTING	LS	6%	1	\$ 226,423.17
EROSION CONTROL	LS	3%	1	\$ 113,211.59
TRAFFIC CONTROL	LS	5%	1	\$ 188,685.98
SIGNING & STRIPING	LS	5%	1	\$ 188,685.98
SUBTOTAL			\$	2,037,808.54
CONTINGENCY	%	15%	\$	960,229.21
PROJECT TOTAL			\$	7,361,757.27

7th St SE

NORTH



Northern City Limits





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>East Saint Germain</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>Mississippi River to US-10</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.74</i>				
Lanes: <i>3-lane undivided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes- one side</i>				
Multimodal: <i>Sidewalk on both sides</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map & RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_20	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 280,000.00
SUBTOTAL			\$	280,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	20,335	\$ 203,349.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	9,762	\$ 195,244.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	9,017	\$ 72,132.80
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,074	\$ 182,225.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	8,269	\$ 537,472.08
4" CONCRETE WALK	SQ FT	\$ 8.00	46,860	\$ 374,878.32
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	7,810	\$ 195,262.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,760,565.45
REMOVALS	LS	10%	1	\$ 176,056.55
DRAINAGE	LS	15%	1	\$ 264,084.82
INTERSECTIONS	LS	10%	1	\$ 176,056.55
LIGHTING	LS	6%	1	\$ 105,633.93
EROSION CONTROL	LS	3%	1	\$ 52,816.96
TRAFFIC CONTROL	LS	5%	1	\$ 88,028.27
SIGNING & STRIPING	LS	5%	1	\$ 88,028.27
SUBTOTAL			\$	950,705.34
CONTINGENCY	%	15%	\$	448,690.62
PROJECT TOTAL			\$	3,439,961.42

Mississippi River

NORTH



US-10





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>250th Street</i>				
Functional Class: <i>Future Collector</i>				
Termini: <i>CR 136 to CR 74</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>2.19</i>				
Lanes: <i>2-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>shared use path 1 side; sidewalk on the other</i>				
Projected Construction Year:				
Funding Source: <i>City Staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_21	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 690,000.00
SUBTOTAL			\$	690,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	82,012	\$ 820,116.10
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	19,806	\$ 396,114.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	58,801	\$ 470,410.16
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	13,989	\$ 419,670.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	15,234	\$ 990,200.97
4" CONCRETE WALK	SQ FT	\$ 8.00	69,368	\$ 554,941.12
3" BITUMINOUS WALK	SQ FT	\$ 2.00	115,634	\$ 231,267.78
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	23,131	\$ 578,272.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	4,460,992.78
REMOVALS	LS	10%	1	\$ 446,099.28
DRAINAGE	LS	15%	1	\$ 669,148.92
INTERSECTIONS	LS	10%	1	\$ 446,099.28
LIGHTING	LS	6%	1	\$ 267,659.57
EROSION CONTROL	LS	3%	1	\$ 133,829.78
TRAFFIC CONTROL	LS	5%	1	\$ 223,049.64
SIGNING & STRIPING	LS	5%	1	\$ 223,049.64
SUBTOTAL			\$	2,408,936.10
CONTINGENCY	%	15%	\$	1,133,989.33
PROJECT TOTAL			\$	8,693,918.21

CR 74

NORTH



CR 136





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Cloud</i>				
Project Location: <i>255th Street</i>				
Functional Class: <i>Future Collector</i>				
Termini: <i>CR 136 to CR 75</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>2.34</i>				
Lanes: <i>2-lane</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>shared use path 1 side; sidewalk on the other</i>				
Projected Construction Year:				
Funding Source: <i>City Staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StCloud_22	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 670,000.00
SUBTOTAL			\$	670,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	49,872	\$ 498,718.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	21,158	\$ 423,161.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	56,155	\$ 449,236.48
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	14,943	\$ 448,284.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	16,274	\$ 1,057,813.13
4" CONCRETE WALK	SQ FT	\$ 8.00	74,174	\$ 593,392.00
3" BITUMINOUS WALK	SQ FT	\$ 2.00	123,390	\$ 246,779.66
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	24,709	\$ 617,720.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	4,335,106.52
REMOVALS	LS	10%	1	\$ 433,510.65
DRAINAGE	LS	15%	1	\$ 650,265.98
INTERSECTIONS	LS	10%	1	\$ 433,510.65
LIGHTING	LS	6%	1	\$ 260,106.39
EROSION CONTROL	LS	3%	1	\$ 130,053.20
TRAFFIC CONTROL	LS	5%	1	\$ 216,755.33
SIGNING & STRIPING	LS	5%	1	\$ 216,755.33
SUBTOTAL			\$	2,340,957.52
CONTINGENCY	%	15%	\$	1,101,909.61
PROJECT TOTAL			\$	8,447,973.64

CR 136

NORTH



CR 75





PRELIMINARY COST ESTIMATE

Agency:	Saint Joseph			
Project Location:	Westwood Parkway			
Functional Class:	Arterial			
Termini:	Current Terminus to Pearl Drive			
Reconstruct/Expansion:	Expansion			
Length of Project (mi):	0.94			
Lanes:	4			
Rural/Urban:	Urban			
Parking:	No			
Multimodal:	Shared use path on 1 side; sidewalk on the other			
Projected Construction Year:				
Funding Source:	2045 MTP			
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_01	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 450,000.00
SUBTOTAL			\$	450,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	40,457	\$ 404,570.70
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	12,852	\$ 257,032.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	35,331	\$ 282,644.88
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	10,040	\$ 301,206.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	12,129	\$ 788,405.40
4" CONCRETE WALK	SQ FT	\$ 8.00	29,514	\$ 236,114.96
3" BITUMINOUS WALK	SQ FT	\$ 2.00	50,020	\$ 100,040.74
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	19,836	\$ 495,892.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	396,800	\$ 396,800.00
SUBTOTAL			\$	2,865,907.33
REMOVALS	LS	10%	1	\$ 286,590.73
DRAINAGE	LS	15%	1	\$ 429,886.10
INTERSECTIONS	LS	10%	1	\$ 286,590.73
LIGHTING	LS	6%	1	\$ 171,954.44
EROSION CONTROL	LS	3%	1	\$ 85,977.22
TRAFFIC CONTROL	LS	5%	1	\$ 143,295.37
SIGNING & STRIPING	LS	5%	1	\$ 143,295.37
SUBTOTAL			\$	1,547,589.96
CONTINGENCY	%	15%	\$	729,524.59
PROJECT TOTAL			\$	5,593,021.88

Current Terminus

NORTH



Pearl Dr





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:		Saint Joseph		
Project Location:		Westwood Parkway		
Functional Class:		Arterial		
Termini:		Pearl Drive to Westwood Parkway		
Reconstruct/Expansion:		Expansion		
Length of Project (mi):		0.74		
Lanes:		4		
Rural/Urban:		Urban		
Parking:		No		
Multimodal:		Shared use path on 1 side; sidewalk on the other		
Projected Construction Year:				
Funding Source:		City Plans		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_02	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 320,000.00
SUBTOTAL			\$	320,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	23,430	\$ 234,296.60
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	10,080	\$ 201,598.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	13,131	\$ 105,051.36
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	7,872	\$ 236,158.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	9,513	\$ 618,371.61
4" CONCRETE WALK	SQ FT	\$ 8.00	23,328	\$ 186,622.16
3" BITUMINOUS WALK	SQ FT	\$ 2.00	38,880	\$ 77,759.22
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	15,554	\$ 388,842.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	311,040	\$ 311,040.00
SUBTOTAL			\$	2,048,699.15
REMOVALS	LS	10%	1	\$ 204,869.92
DRAINAGE	LS	15%	1	\$ 307,304.87
INTERSECTIONS	LS	10%	1	\$ 204,869.92
LIGHTING	LS	6%	1	\$ 122,921.95
EROSION CONTROL	LS	3%	1	\$ 61,460.97
TRAFFIC CONTROL	LS	5%	1	\$ 102,434.96
SIGNING & STRIPING	LS	5%	1	\$ 102,434.96
SUBTOTAL			\$	1,106,297.54
CONTINGENCY	%	15%	\$	521,249.50
PROJECT TOTAL			\$	3,996,246.20

35th Street (CSAH 29)

NORTH



MN-23





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Joseph</i>				
Project Location: <i>Field Street</i>				
Functional Class: <i>(Future) Collector</i>				
Termini: <i>7th Ave to 16th Ave</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.57</i>				
Lanes: <i>2-lane divided with turn lanes</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side; sidewalk on the other</i>				
Projected Construction Year:				
Funding Source: <i>City Plans</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_03	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 280,000.00
SUBTOTAL			\$	280,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	17,028	\$ 170,281.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	9,017	\$ 180,330.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	4,079	\$ 32,633.92
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	5,700	\$ 170,990.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	4,540	\$ 295,075.93
4" CONCRETE WALK	SQ FT	\$ 8.00	18,242	\$ 145,932.32
3" BITUMINOUS WALK	SQ FT	\$ 2.00	29,861	\$ 59,721.64
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	12,063	\$ 301,565.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	6,030	\$ 434,132.40
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	241,200	\$ 241,200.00
SUBTOTAL			\$	1,790,665.06
REMOVALS	LS	10%	1	\$ 179,066.51
DRAINAGE	LS	15%	1	\$ 268,599.76
INTERSECTIONS	LS	10%	1	\$ 179,066.51
LIGHTING	LS	6%	1	\$ 107,439.90
EROSION CONTROL	LS	3%	1	\$ 53,719.95
TRAFFIC CONTROL	LS	5%	1	\$ 89,533.25
SIGNING & STRIPING	LS	5%	1	\$ 89,533.25
SUBTOTAL			\$	966,959.13
CONTINGENCY	%	15%	\$	455,643.63
PROJECT TOTAL			\$	3,493,267.82

7th Ave

NORTH



16th Ave





ST CLOUD APO PRELIMINARY COST ESTIMATE

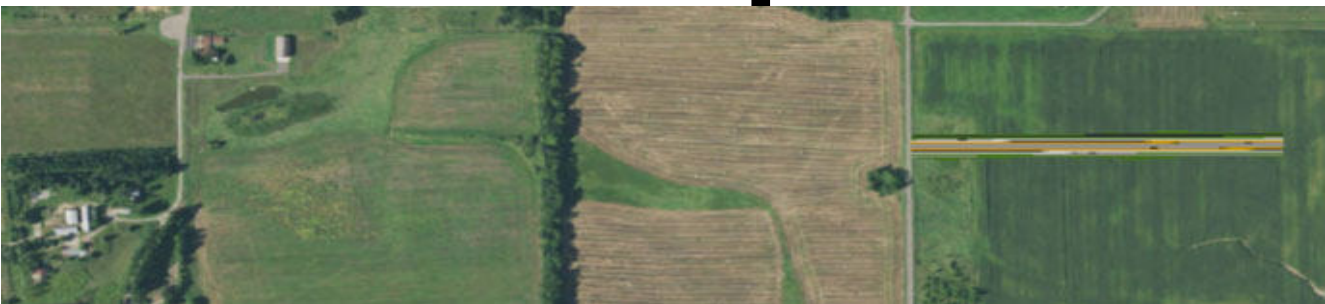
Agency: <i>Saint Joseph</i>				
Project Location: <i>Field Street</i>				
Functional Class: <i>(Future) Collector</i>				
Termini: <i>16th Avenue to 20th Avenue SE</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.26</i>				
Lanes: <i>2-lane divided with turn lanes</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side; sidewalk on the other</i>				
Projected Construction Year:				
Funding Source: <i>City Plans</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_04	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 130,000.00
SUBTOTAL			\$	130,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	7,740	\$ 77,404.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	4,125	\$ 82,508.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	1,589	\$ 12,715.92
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,609	\$ 78,267.60
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	2,077	\$ 135,008.32
4" CONCRETE WALK	SQ FT	\$ 8.00	8,276	\$ 66,210.64
3" BITUMINOUS WALK	SQ FT	\$ 2.00	13,794	\$ 27,587.76
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	5,520	\$ 137,988.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	2,759	\$ 198,631.92
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	110,400	\$ 110,400.00
SUBTOTAL			\$	816,323.81
REMOVALS	LS	10%	1	\$ 81,632.38
DRAINAGE	LS	15%	1	\$ 122,448.57
INTERSECTIONS	LS	10%	1	\$ 81,632.38
LIGHTING	LS	6%	1	\$ 48,979.43
EROSION CONTROL	LS	3%	1	\$ 24,489.71
TRAFFIC CONTROL	LS	5%	1	\$ 40,816.19
SIGNING & STRIPING	LS	5%	1	\$ 40,816.19
SUBTOTAL			\$	440,814.86
CONTINGENCY	%	15%	\$	208,070.80
PROJECT TOTAL			\$	1,595,209.46

16th Ave

NORTH



20th Ave SE





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Saint Joseph</i>
Project Location:	<i>20th Avenue SE</i>
Functional Class:	<i>Arterial</i>
Termini:	<i>Intersection of Jade Road and College Ave to 16th Ave</i>
Reconstruct/Expansion:	<i>Expansion</i>
Length of Project (mi):	<i>0.55</i>
Lanes:	<i>2-lane divided with turn lanes</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>No</i>
Multimodal:	<i>Shared use path on 1 side; sidewalk on the other</i>
Projected Construction Year:	
Funding Source:	<i>Southwest Beltline Corridor Study</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_05	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 280,000.00
SUBTOTAL			\$	280,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	17,966	\$ 179,659.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	8,726	\$ 174,524.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	11,592	\$ 92,738.48
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	5,523	\$ 165,701.10
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	4,393	\$ 285,575.61
4" CONCRETE WALK	SQ FT	\$ 8.00	17,201	\$ 137,607.20
3" BITUMINOUS WALK	SQ FT	\$ 2.00	29,752	\$ 59,504.52
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	11,678	\$ 291,951.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	5,835	\$ 420,154.96
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	233,440	\$ 233,440.00
SUBTOTAL			\$	1,807,417.27
REMOVALS	LS	10%	1	\$ 180,741.73
DRAINAGE	LS	15%	1	\$ 271,112.59
INTERSECTIONS	LS	10%	1	\$ 180,741.73
LIGHTING	LS	6%	1	\$ 108,445.04
EROSION CONTROL	LS	3%	1	\$ 54,222.52
TRAFFIC CONTROL	LS	5%	1	\$ 90,370.86
SIGNING & STRIPING	LS	5%	1	\$ 90,370.86
SUBTOTAL			\$	976,005.32
CONTINGENCY	%	15%	\$	459,513.39
PROJECT TOTAL			\$	3,522,935.98

Jade Rd/College Ave

NORTH



16th Ave





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Saint Joseph</i>
Project Location:	<i>20th Avenue SE</i>
Functional Class:	<i>Arterial</i>
Termini:	<i>16th Avenue to current terminus of 20th Avenue SE</i>
Reconstruct/Expansion:	<i>Expansion</i>
Length of Project (mi):	<i>0.95</i>
Lanes:	<i>2-lane divided with turn lanes</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>No</i>
Multimodal:	<i>Shared use path on 1 side; sidewalk on the other</i>
Projected Construction Year:	
Funding Source:	<i>Southwest Beltline Corridor Study</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_06	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 500,000.00
SUBTOTAL				\$ 500,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	46,999	\$ 469,988.60
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	15,023	\$ 300,457.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	14,421	\$ 115,368.24
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	9,495	\$ 284,839.50
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	7,564	\$ 491,639.77
4" CONCRETE WALK	SQ FT	\$ 8.00	30,503	\$ 244,024.96
3" BITUMINOUS WALK	SQ FT	\$ 2.00	49,546	\$ 99,091.04
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	20,095	\$ 502,380.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	10,046	\$ 723,328.24
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	402,000	\$ 402,000.00
SUBTOTAL				\$ 3,231,117.55
REMOVALS	LS	10%	1	\$ 323,111.76
DRAINAGE	LS	15%	1	\$ 484,667.63
INTERSECTIONS	LS	10%	1	\$ 323,111.76
LIGHTING	LS	6%	1	\$ 193,867.05
EROSION CONTROL	LS	3%	1	\$ 96,933.53
TRAFFIC CONTROL	LS	5%	1	\$ 161,555.88
SIGNING & STRIPING	LS	5%	1	\$ 161,555.88
SUBTOTAL				\$ 1,744,803.48
CONTINGENCY	%	15%		\$ 821,388.15
PROJECT TOTAL				\$ 6,297,309.19

16th Ave

NORTH



20th Ave SE





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Joseph</i>				
Project Location: <i>Old Hwy 52</i>				
Functional Class: <i>Future Major Collector</i>				
Termini: <i>Current Intersection with CSAH 75 to CR 2</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.44</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side; sidewalk on the other</i>				
Projected Construction Year:				
Funding Source: <i>City Staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_07	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 120,000.00
SUBTOTAL			\$	120,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	6,746	\$ 67,463.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	3,975	\$ 79,505.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	4,032	\$ 32,253.28
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,809	\$ 84,268.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,058	\$ 198,745.83
4" CONCRETE WALK	SQ FT	\$ 8.00	13,854	\$ 110,832.24
3" BITUMINOUS WALK	SQ FT	\$ 2.00	23,347	\$ 46,694.10
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	4,643	\$ 116,082.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	185,600	\$ 185,600.00
SUBTOTAL			\$	735,845.00
REMOVALS	LS	10%	1	\$ 73,584.50
DRAINAGE	LS	15%	1	\$ 110,376.75
INTERSECTIONS	LS	10%	1	\$ 73,584.50
LIGHTING	LS	6%	1	\$ 44,150.70
EROSION CONTROL	LS	3%	1	\$ 22,075.35
TRAFFIC CONTROL	LS	5%	1	\$ 36,792.25
SIGNING & STRIPING	LS	5%	1	\$ 36,792.25
SUBTOTAL			\$	397,356.30
CONTINGENCY	%	15%	\$	187,980.19
PROJECT TOTAL			\$	1,441,181.49

CR 2

NORTH



CSAH 75





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Joseph</i>				
Project Location: <i>15th Avenue Extention</i>				
Funtional Class: <i>Future Major Collector</i>				
Termini: <i>Intersection of Iris Ln and 14th Ave to CSAH 133</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.33</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>sidewalk on both sides</i>				
Projected Construction Year:				
Funding Source: <i>City Staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_08	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 120,000.00
SUBTOTAL			\$	120,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	21,310	\$ 213,101.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	2,959	\$ 59,187.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	3,534	\$ 28,271.28
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,962	\$ 58,867.50
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	2,276	\$ 147,955.94
4" CONCRETE WALK	SQ FT	\$ 8.00	20,732	\$ 165,852.48
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	3,459	\$ 86,463.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (66' R/W)	SQ FT	\$ 1.00	114,048	\$ 114,048.00
SUBTOTAL			\$	759,699.40
REMOVALS	LS	10%	1	\$ 75,969.94
DRAINAGE	LS	15%	1	\$ 113,954.91
INTERSECTIONS	LS	10%	1	\$ 75,969.94
LIGHTING	LS	6%	1	\$ 45,581.96
EROSION CONTROL	LS	3%	1	\$ 22,790.98
TRAFFIC CONTROL	LS	5%	1	\$ 37,984.97
SIGNING & STRIPING	LS	5%	1	\$ 37,984.97
SUBTOTAL			\$	410,237.68
CONTINGENCY	%	15%	\$	193,490.56
PROJECT TOTAL			\$	1,483,427.64

Intersection of Iris Ln/14th Ave

NORTH



CSAH 133





ST CLOUD APO PRELIMINARY COST ESTIMATE

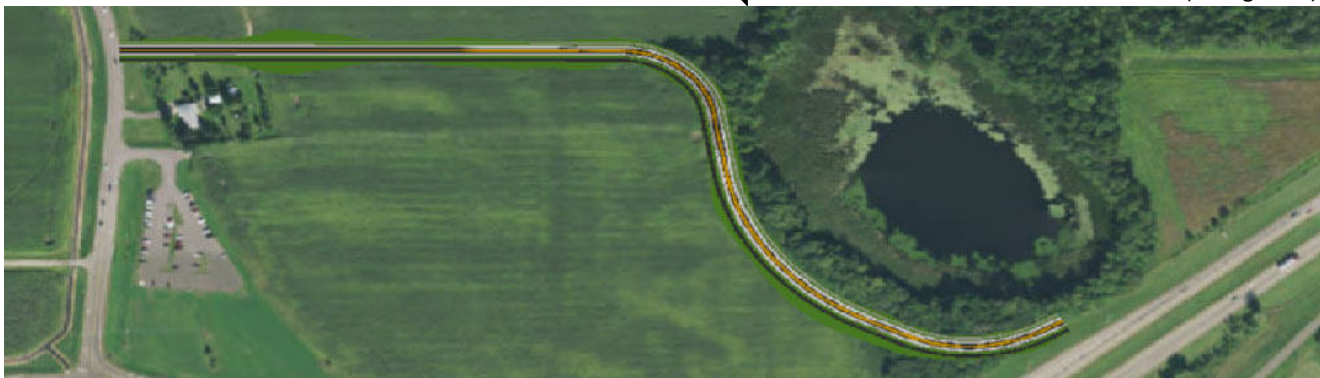
Agency:		Saint Joseph		
Project Location:		Gateway Avenue		
Functional Class:		Future Major Collector		
Termini:		Minnesota Street to Lake Sarah		
Reconstruct/Expansion:		Expansion		
Length of Project (mi):		0.54		
Lanes:		2		
Rural/Urban:		Urban		
Parking:		No		
Multimodal:		Shared use path on 1 side; sidewalk on the other		
Projected Construction Year:				
Funding Source:		City Staff		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_09	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 150,000.00
SUBTOTAL			\$	150,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	7,553	\$ 75,527.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	4,856	\$ 97,116.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	11,817	\$ 94,533.76
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	3,431	\$ 102,939.30
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,735	\$ 242,770.99
4" CONCRETE WALK	SQ FT	\$ 8.00	16,925	\$ 135,396.08
3" BITUMINOUS WALK	SQ FT	\$ 2.00	28,516	\$ 57,031.08
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	5,671	\$ 141,767.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	226,800	\$ 226,800.00
SUBTOTAL			\$	947,082.76
REMOVALS	LS	10%	1	\$ 94,708.28
DRAINAGE	LS	15%	1	\$ 142,062.41
INTERSECTIONS	LS	10%	1	\$ 94,708.28
LIGHTING	LS	6%	1	\$ 56,824.97
EROSION CONTROL	LS	3%	1	\$ 28,412.48
TRAFFIC CONTROL	LS	5%	1	\$ 47,354.14
SIGNING & STRIPING	LS	5%	1	\$ 47,354.14
SUBTOTAL			\$	511,424.69
CONTINGENCY	%	15%	\$	241,276.12
PROJECT TOTAL			\$	1,849,783.56

Minnesota St

NORTH



Lake Sarah (College Ave)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Joseph</i>				
Project Location: <i>72nd Ave Extention</i>				
Functional Class: <i>Future Major Collector</i>				
Termini: <i>CR 134 (Ridgewood Rd) to CSAH 133</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>2.05</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Rural</i>				
Parking: <i>No</i>				
Multimodal: <i>No</i>				
Projected Construction Year:				
Funding Source: <i>City Staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_10	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%		\$ 90,000.00
SUBTOTAL			\$	90,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	0	\$ -
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	0	\$ -
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	0	\$ -
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	865,040	\$ 865,040.00
SUBTOTAL			\$	865,040.00
REMOVALS	LS	5%		\$ -
DRAINAGE	LS	5%		\$ -
INTERSECTIONS	LS	5%		\$ -
LIGHTING	LS	2%		\$ -
EROSION CONTROL	LS	5%		\$ -
TRAFFIC CONTROL	LS	5%		\$ -
SIGNING & STRIPING	LS	5%		\$ -
SUBTOTAL			\$	-
CONTINGENCY	%	15%	\$	143,256.00
PROJECT TOTAL			\$	1,098,296.00

CR 134 (Ridgewood Rd)

NORTH



CSAH 133





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Saint Joseph</i>				
Project Location: <i>2nd Avenue NW</i>				
Functional Class: <i>(Minor) Collector</i>				
Termini: <i>Minnesota Street to CSAH 75</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.25</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>sidewalk on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Condition Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_11	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 60,000.00
SUBTOTAL			\$	60,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	2,682	\$ 26,815.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	2,296	\$ 45,912.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	3,276	\$ 26,210.40
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,373	\$ 41,197.50
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	1,766	\$ 114,771.94
4" CONCRETE WALK	SQ FT	\$ 8.00	8,041	\$ 64,327.28
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	2,681	\$ 67,019.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	386,255.57
REMOVALS	LS	10%	1	\$ 38,625.56
DRAINAGE	LS	15%	1	\$ 57,938.33
INTERSECTIONS	LS	10%	1	\$ 38,625.56
LIGHTING	LS	6%	1	\$ 23,175.33
EROSION CONTROL	LS	3%	1	\$ 11,587.67
TRAFFIC CONTROL	LS	5%	1	\$ 19,312.78
SIGNING & STRIPING	LS	5%	1	\$ 19,312.78
SUBTOTAL			\$	208,578.01
CONTINGENCY	%	15%	\$	98,225.04
PROJECT TOTAL			\$	753,058.61

CSAH 75

NORTH



Minnesota St





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Saint Joseph</i>
Project Location:	<i>College Avenue</i>
Functional Class:	<i>Arterial</i>
Termini:	<i>Minnesota Street to CSAH 75</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>0.19</i>
Lanes:	<i>2</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>Yes</i>
Multimodal:	<i>sidewalk on both sides</i>
Projected Construction Year:	
Funding Source:	<i>Pavement Condition Map</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	StJoseph_12	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 40,000.00
SUBTOTAL				\$ 40,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	2,524	\$ 25,242.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	1,746	\$ 34,929.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	1,224	\$ 9,791.12
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,158	\$ 34,740.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	1,343	\$ 87,316.34
4" CONCRETE WALK	SQ FT	\$ 8.00	12,235	\$ 97,878.00
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	2,040	\$ 50,988.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL				\$ 340,886.86
REMOVALS	LS	10%	1	\$ 34,088.69
DRAINAGE	LS	15%	1	\$ 51,133.03
INTERSECTIONS	LS	10%	1	\$ 34,088.69
LIGHTING	LS	6%	1	\$ 20,453.21
EROSION CONTROL	LS	3%	1	\$ 10,226.61
TRAFFIC CONTROL	LS	5%	1	\$ 17,044.34
SIGNING & STRIPING	LS	5%	1	\$ 17,044.34
SUBTOTAL				
CONTINGENCY	%	15%		
PROJECT TOTAL				\$ 380,886.86

35th Street (CSAH 29)

NORTH



MN-23





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>Leander Ave (MSAS 117)</i>				
Functional Class: <i>Collector</i>				
Termini: <i>CSAH 120 to Heritage Drive (MSAS 118)</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.96</i>				
Lanes: <i>3</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>shared-use path 1 side</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_01	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 270,000.00
SUBTOTAL			\$	270,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	15,396	\$ 153,955.10
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	11,305	\$ 226,100.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	17,788	\$ 142,302.16
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,972	\$ 209,159.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	9,336	\$ 606,837.22
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	50,890	\$ 101,779.66
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	10,177	\$ 254,429.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,694,563.14
REMOVALS	LS	10%	1	\$ 169,456.31
DRAINAGE	LS	15%	1	\$ 254,184.47
INTERSECTIONS	LS	10%	1	\$ 169,456.31
LIGHTING	LS	6%	1	\$ 101,673.79
EROSION CONTROL	LS	3%	1	\$ 50,836.89
TRAFFIC CONTROL	LS	5%	1	\$ 84,728.16
SIGNING & STRIPING	LS	5%	1	\$ 84,728.16
SUBTOTAL			\$	915,064.10
CONTINGENCY	%	15%	\$	431,944.09
PROJECT TOTAL			\$	3,311,571.33

CSAH 120

NORTH



Heritage Dr (MSAS 118)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>Roberts Road</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Pinecone Road (MSAS 103) to CSAH 4 (322nd St)</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.96</i>				
Lanes: <i>3</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>shared-use path 1 side</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_02	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 330,000.00
SUBTOTAL			\$	330,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	14,805	\$ 148,047.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	11,244	\$ 224,880.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	19,086	\$ 152,690.24
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,935	\$ 208,039.50
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	9,286	\$ 603,562.80
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	50,629	\$ 101,257.34
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	10,122	\$ 253,059.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	404,800	\$ 404,800.00
SUBTOTAL			\$	2,096,337.48
REMOVALS	LS	10%	1	\$ 209,633.75
DRAINAGE	LS	15%	1	\$ 314,450.62
INTERSECTIONS	LS	10%	1	\$ 209,633.75
LIGHTING	LS	6%	1	\$ 125,780.25
EROSION CONTROL	LS	3%	1	\$ 62,890.12
TRAFFIC CONTROL	LS	5%	1	\$ 104,816.87
SIGNING & STRIPING	LS	5%	1	\$ 104,816.87
SUBTOTAL			\$	1,132,022.24
CONTINGENCY	%	15%	\$	533,753.96
PROJECT TOTAL			\$	4,092,113.67

322nd St (CSAH 4)

NORTH



Pinecone Rd (MSAS 103)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>19th Avenue North</i>				
Functional Class: <i>Collector</i>				
Termini: <i>11th Street to 15th Street</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.23</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>shared-use path 1 side</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_03	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 70,000.00
SUBTOTAL			\$	70,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	2,513	\$ 25,131.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	2,090	\$ 41,799.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	3,302	\$ 26,414.16
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,341	\$ 40,217.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	1,608	\$ 104,488.64
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	12,201	\$ 24,401.56
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	2,440	\$ 61,011.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (74' R/W)	SQ FT	\$ 1.00	90,280	\$ 90,280.00
SUBTOTAL			\$	413,744.31
REMOVALS	LS	10%	1	\$ 41,374.43
DRAINAGE	LS	15%	1	\$ 62,061.65
INTERSECTIONS	LS	10%	1	\$ 41,374.43
LIGHTING	LS	6%	1	\$ 24,824.66
EROSION CONTROL	LS	3%	1	\$ 12,412.33
TRAFFIC CONTROL	LS	5%	1	\$ 20,687.22
SIGNING & STRIPING	LS	5%	1	\$ 20,687.22
SUBTOTAL			\$	223,421.93
CONTINGENCY	%	15%	\$	106,074.94
PROJECT TOTAL			\$	813,241.17

11th St

NORTH



15th St





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Sartell</i>			
Project Location:	<i>LeSauk Drive (MSAS 131)</i>			
Funtional Class:	<i>Collector</i>			
Termini:	<i>Riverside Dr (CSAH 1) to Dehler Drive</i>			
Reconstruct/Expansion:	<i>Reconstruct</i>			
Length of Project (mi):	<i>0.25</i>			
Lanes:	<i>3</i>			
Rural/Urban:	<i>Urban</i>			
Parking:	<i>No</i>			
Multimodal:	<i>Shared Use Path on 1 side; sidewalk on the other</i>			
Projected Construction Year:				
Funding Source:	<i>2045 MTP</i>			
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_04	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 80,000.00
SUBTOTAL			\$	80,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	3,506	\$ 35,059.40
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	2,936	\$ 58,719.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	3,893	\$ 31,147.44
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,955	\$ 58,658.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	2,425	\$ 157,599.68
4" CONCRETE WALK	SQ FT	\$ 8.00	8,045	\$ 64,359.36
3" BITUMINOUS WALK	SQ FT	\$ 2.00	12,983	\$ 25,966.98
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	2,643	\$ 66,079.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	497,590.86
REMOVALS	LS	10%	1	\$ 49,759.09
DRAINAGE	LS	15%	1	\$ 74,638.63
INTERSECTIONS	LS	10%	1	\$ 49,759.09
LIGHTING	LS	6%	1	\$ 29,855.45
EROSION CONTROL	LS	3%	1	\$ 14,927.73
TRAFFIC CONTROL	LS	5%	1	\$ 24,879.54
SIGNING & STRIPING	LS	5%	1	\$ 24,879.54
SUBTOTAL			\$	268,699.06
CONTINGENCY	%	15%	\$	126,943.49
PROJECT TOTAL			\$	973,233.41

Dehler Dr

NORTH



Riverside Dr (CSAH 1)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>Pincone Rd</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>Heritage Rd to 2nd Street S</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.48</i>				
Lanes: <i>4</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>2050 Model</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_05	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 270,000.00
SUBTOTAL			\$	270,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	12,336	\$ 123,359.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	10,285	\$ 205,693.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	11,976	\$ 95,808.08
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	5,953	\$ 178,595.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	6,607	\$ 429,471.97
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	25,283	\$ 50,566.20
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	10,030	\$ 250,757.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	5,015	\$ 361,064.88
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,695,317.13
REMOVALS	LS	10%	1	\$ 169,531.71
DRAINAGE	LS	15%	1	\$ 254,297.57
INTERSECTIONS	LS	10%	1	\$ 169,531.71
LIGHTING	LS	6%	1	\$ 101,719.03
EROSION CONTROL	LS	3%	1	\$ 50,859.51
TRAFFIC CONTROL	LS	5%	1	\$ 84,765.86
SIGNING & STRIPING	LS	5%	1	\$ 84,765.86
SUBTOTAL			\$	915,471.25
CONTINGENCY	%	15%	\$	432,118.26
PROJECT TOTAL			\$	3,312,906.64

Heritage Rd

NORTH



2nd St S





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>Heritage Drive</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Huntington Dr (west leg) to CSAH 1</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.78</i>				
Lanes: <i>3</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>City staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_06	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 220,000.00
SUBTOTAL			\$	220,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	10,796	\$ 107,957.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	9,150	\$ 182,993.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	20,449	\$ 163,590.00
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	5,644	\$ 169,317.30
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	7,556	\$ 491,141.40
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	41,269	\$ 82,537.08
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	8,236	\$ 205,904.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,403,441.53
REMOVALS	LS	10%	1	\$ 140,344.15
DRAINAGE	LS	15%	1	\$ 210,516.23
INTERSECTIONS	LS	10%	1	\$ 140,344.15
LIGHTING	LS	6%	1	\$ 84,206.49
EROSION CONTROL	LS	3%	1	\$ 42,103.25
TRAFFIC CONTROL	LS	5%	1	\$ 70,172.08
SIGNING & STRIPING	LS	5%	1	\$ 70,172.08
SUBTOTAL			\$	757,858.43
CONTINGENCY	%	15%	\$	357,194.99
PROJECT TOTAL			\$	2,738,494.96

Huntington Dr (West leg)

NORTH



CSAH 1





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>Heritage Drive</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Pinecone Rd to 19th Avenue S</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.62</i>				
Lanes: <i>3</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>City staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_07	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 160,000.00
SUBTOTAL			\$	160,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	8,652	\$ 86,517.30
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	7,232	\$ 144,635.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	6,812	\$ 54,499.60
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	4,458	\$ 133,743.30
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	5,972	\$ 388,190.76
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	32,465	\$ 64,930.72
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	6,509	\$ 162,734.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,035,251.58
REMOVALS	LS	10%	1	\$ 103,525.16
DRAINAGE	LS	15%	1	\$ 155,287.74
INTERSECTIONS	LS	10%	1	\$ 103,525.16
LIGHTING	LS	6%	1	\$ 62,115.09
EROSION CONTROL	LS	3%	1	\$ 31,057.55
TRAFFIC CONTROL	LS	5%	1	\$ 51,762.58
SIGNING & STRIPING	LS	5%	1	\$ 51,762.58
SUBTOTAL			\$	559,035.85
CONTINGENCY	%	15%	\$	263,143.11
PROJECT TOTAL			\$	2,017,430.54

19th Ave S

NORTH



Pinecone Rd





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>4th Avenue South</i>				
Functional Class: <i>Collector</i>				
Termini: <i>2nd Street S (CSAH 133) to 4th Street S</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.27</i>				
Lanes: <i>3</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared Use Path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_08	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 80,000.00
SUBTOTAL			\$	80,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	4,329	\$ 43,285.70
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	3,108	\$ 62,166.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	4,517	\$ 36,138.08
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,917	\$ 57,504.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	2,567	\$ 166,850.66
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	13,983	\$ 27,966.70
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	2,798	\$ 69,952.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	463,863.74
REMOVALS	LS	10%	1	\$ 46,386.37
DRAINAGE	LS	15%	1	\$ 69,579.56
INTERSECTIONS	LS	10%	1	\$ 46,386.37
LIGHTING	LS	6%	1	\$ 27,831.82
EROSION CONTROL	LS	3%	1	\$ 13,915.91
TRAFFIC CONTROL	LS	5%	1	\$ 23,193.19
SIGNING & STRIPING	LS	5%	1	\$ 23,193.19
SUBTOTAL			\$	250,486.42
CONTINGENCY	%	15%	\$	119,152.52
PROJECT TOTAL			\$	913,502.69

4th St S

NORTH



2nd St S (CSAH 133)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>15th Street N</i>				
Funtional Class: <i>Collector</i>				
Termini: <i>Pinecone Road (MSAS 103) to 19th Avenue North</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>1.00</i>				
Lanes: <i>2-lane with turn lanes</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared Use Path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>2045 MTP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_09	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 290,000.00
SUBTOTAL			\$	290,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	9,765	\$ 97,651.20
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	9,031	\$ 180,614.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	21,886	\$ 175,084.48
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	5,793	\$ 173,780.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	6,946	\$ 451,497.58
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	52,720	\$ 105,439.62
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	10,547	\$ 263,677.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (74' R/W)	SQ FT	\$ 1.00	390,128	\$ 390,128.00
SUBTOTAL			\$	1,837,873.63
REMOVALS	LS	10%	1	\$ 183,787.36
DRAINAGE	LS	15%	1	\$ 275,681.04
INTERSECTIONS	LS	10%	1	\$ 183,787.36
LIGHTING	LS	6%	1	\$ 110,272.42
EROSION CONTROL	LS	3%	1	\$ 55,136.21
TRAFFIC CONTROL	LS	5%	1	\$ 91,893.68
SIGNING & STRIPING	LS	5%	1	\$ 91,893.68
SUBTOTAL			\$	992,451.76
CONTINGENCY	%	15%	\$	468,048.81
PROJECT TOTAL			\$	3,588,374.20

19th Ave N

NORTH



Pinecone Rd (MSAS 103)





ST CLOUD APO PRELIMINARY COST ESTIMATE

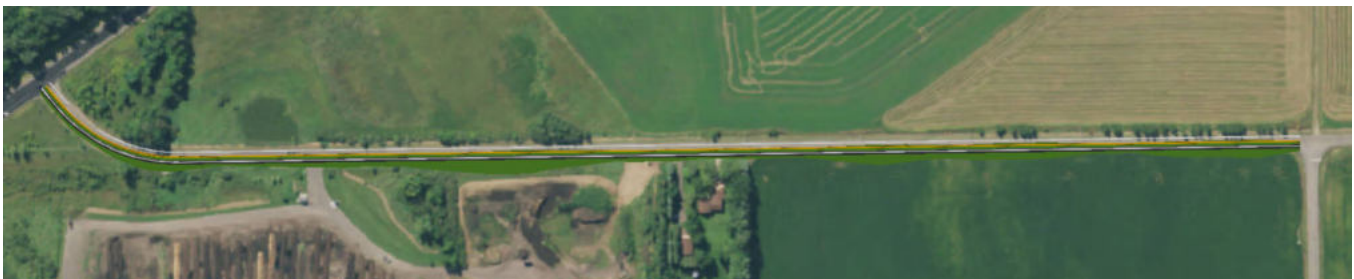
Agency: Sartell				
Project Location: 75th Avenue (Townline Rd)New Road Connection				
Functional Class: Collector				
Termini: CSAH 4 to 1st Street N				
Reconstruct/Expansion: Reconstruct				
Length of Project (mi): 0.57				
Lanes: 2				
Rural/Urban: Rural				
Parking: No				
Multimodal: Shared Use Path?				
Projected Construction Year:				
Funding Source: 2045 MTP & RATP				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_10	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 30,000.00
SUBTOTAL			\$	30,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	17	\$ 166.40
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	7,865	\$ 62,917.04
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	555	\$ 16,647.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	29,958	\$ 59,916.22
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (80' R/W)	SQ FT	\$ 1.00	59,700	\$ 59,700.00
SUBTOTAL			\$	199,347.56
REMOVALS	LS	5%	1	\$ 9,967.38
DRAINAGE	LS	5%	1	\$ 9,967.38
INTERSECTIONS	LS	5%	1	\$ 9,967.38
LIGHTING	LS	2%	1	\$ 3,986.95
EROSION CONTROL	LS	5%	1	\$ 9,967.38
TRAFFIC CONTROL	LS	5%	1	\$ 9,967.38
SIGNING & STRIPING	LS	5%	1	\$ 9,967.38
SUBTOTAL			\$	63,791.22
CONTINGENCY	%	15%	\$	43,970.82
PROJECT TOTAL			\$	337,109.60

CSAH 4

NORTH



1st St N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>2nd-1/2 Street N</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Pinecone Rd to 3rd Avenue N</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.91</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>Shared use path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_11	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 230,000.00
SUBTOTAL			\$	230,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	10,643	\$ 106,428.20
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	9,529	\$ 190,570.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	21,124	\$ 168,994.96
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	5,968	\$ 179,049.30
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	7,658	\$ 497,754.27
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	47,871	\$ 95,741.82
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	9,575	\$ 239,369.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,477,908.50
REMOVALS	LS	10%	1	\$ 147,790.85
DRAINAGE	LS	15%	1	\$ 221,686.28
INTERSECTIONS	LS	10%	1	\$ 147,790.85
LIGHTING	LS	6%	1	\$ 88,674.51
EROSION CONTROL	LS	3%	1	\$ 44,337.26
TRAFFIC CONTROL	LS	5%	1	\$ 73,895.43
SIGNING & STRIPING	LS	5%	1	\$ 73,895.43
SUBTOTAL			\$	798,070.59
CONTINGENCY	%	15%	\$	375,896.86
PROJECT TOTAL			\$	2,881,875.96

Pinecone Rd

NORTH



3rd Ave N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>7th Street N</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Pinecone Rd to Riverside Dr</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>1.04</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>Shared Use Path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_12	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 280,000.00
SUBTOTAL			\$	280,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	12,096	\$ 120,959.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	10,947	\$ 218,947.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	32,933	\$ 263,460.64
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,858	\$ 205,754.10
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	8,798	\$ 571,872.71
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	55,078	\$ 110,155.94
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	11,005	\$ 275,126.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,766,275.89
REMOVALS	LS	10%	1	\$ 176,627.59
DRAINAGE	LS	15%	1	\$ 264,941.38
INTERSECTIONS	LS	10%	1	\$ 176,627.59
LIGHTING	LS	6%	1	\$ 105,976.55
EROSION CONTROL	LS	3%	1	\$ 52,988.28
TRAFFIC CONTROL	LS	5%	1	\$ 88,313.79
SIGNING & STRIPING	LS	5%	1	\$ 88,313.79
SUBTOTAL			\$	953,788.98
CONTINGENCY	%	15%	\$	450,009.73
PROJECT TOTAL			\$	3,450,074.60

Pinecone Rd

NORTH



Riverside Dr





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>12th Street N</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Pinecone Rd to Riverside Dr</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.72</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>Shared Use Path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_13	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 200,000.00
SUBTOTAL			\$	200,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	11,766	\$ 117,661.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	7,587	\$ 151,746.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	23,342	\$ 186,738.16
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	4,753	\$ 142,600.50
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	6,098	\$ 396,360.76
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	38,178	\$ 76,355.92
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	7,626	\$ 190,653.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,262,116.54
REMOVALS	LS	10%	1	\$ 126,211.65
DRAINAGE	LS	15%	1	\$ 189,317.48
INTERSECTIONS	LS	10%	1	\$ 126,211.65
LIGHTING	LS	6%	1	\$ 75,726.99
EROSION CONTROL	LS	3%	1	\$ 37,863.50
TRAFFIC CONTROL	LS	5%	1	\$ 63,105.83
SIGNING & STRIPING	LS	5%	1	\$ 63,105.83
SUBTOTAL			\$	681,542.93
CONTINGENCY	%	15%	\$	321,548.92
PROJECT TOTAL			\$	2,465,208.40

Pinecone Rd

NORTH



Riverside Dr





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>Pincone Rd</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>CSAH 120 to Roberts Rd</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.73</i>				
Lanes: <i>3</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared Use Path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_14	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 210,000.00
SUBTOTAL			\$	210,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	15,373	\$ 153,734.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	8,528	\$ 170,551.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	11,668	\$ 93,342.08
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	5,264	\$ 157,913.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	7,042	\$ 457,747.03
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	38,656	\$ 77,312.72
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	7,675	\$ 191,883.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,302,484.48
REMOVALS	LS	10%	1	\$ 130,248.45
DRAINAGE	LS	15%	1	\$ 195,372.67
INTERSECTIONS	LS	10%	1	\$ 130,248.45
LIGHTING	LS	6%	1	\$ 78,149.07
EROSION CONTROL	LS	3%	1	\$ 39,074.53
TRAFFIC CONTROL	LS	5%	1	\$ 65,124.22
SIGNING & STRIPING	LS	5%	1	\$ 65,124.22
SUBTOTAL			\$	703,341.62
CONTINGENCY	%	15%	\$	332,373.91
PROJECT TOTAL			\$	2,548,200.01

CSAH 120

NORTH



Roberts Rd





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>19th Avenue South</i>				
Functional Class: <i>Collector</i>				
Termini: <i>6th Street S (CSAH 133) to 1st Street North</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.70</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>Shared Use path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_15	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 190,000.00
SUBTOTAL			\$	190,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	6,654	\$ 66,544.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	7,338	\$ 146,751.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	23,301	\$ 186,411.92
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	4,596	\$ 137,874.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	5,897	\$ 383,299.09
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	36,851	\$ 73,702.60
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	7,373	\$ 184,320.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,178,903.51
REMOVALS	LS	10%	1	\$ 117,890.35
DRAINAGE	LS	15%	1	\$ 176,835.53
INTERSECTIONS	LS	10%	1	\$ 117,890.35
LIGHTING	LS	6%	1	\$ 70,734.21
EROSION CONTROL	LS	3%	1	\$ 35,367.11
TRAFFIC CONTROL	LS	5%	1	\$ 58,945.18
SIGNING & STRIPING	LS	5%	1	\$ 58,945.18
SUBTOTAL			\$	636,607.89
CONTINGENCY	%	15%	\$	300,826.71
PROJECT TOTAL			\$	2,306,338.11

6th St S

NORTH



1st St N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>2nd-1/2 Street N</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Pinecone Rd to 19th Avenue S</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.75</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>City staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_16	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 170,000.00
SUBTOTAL			\$	170,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	9,569	\$ 95,685.30
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	6,761	\$ 135,215.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	9,973	\$ 79,787.04
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	4,337	\$ 130,098.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	5,200	\$ 338,008.61
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	39,468	\$ 78,936.20
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	7,894	\$ 197,347.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,055,078.30
REMOVALS	LS	10%	1	\$ 105,507.83
DRAINAGE	LS	15%	1	\$ 158,261.75
INTERSECTIONS	LS	10%	1	\$ 105,507.83
LIGHTING	LS	6%	1	\$ 63,304.70
EROSION CONTROL	LS	3%	1	\$ 31,652.35
TRAFFIC CONTROL	LS	5%	1	\$ 52,753.92
SIGNING & STRIPING	LS	5%	1	\$ 52,753.92
SUBTOTAL			\$	569,742.28
CONTINGENCY	%	15%	\$	269,223.09
PROJECT TOTAL			\$	2,064,043.67

19th Ave S

NORTH



Pinecone Rd





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>Heritage Drive</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Pinecone Rd to West leg of Huntington Dr</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>1.10</i>				
Lanes: <i>3</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>Shared use path on 1 side</i>				
Projected Construction Year:				
Funding Source: <i>City staff</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_17	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 300,000.00
SUBTOTAL			\$	300,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	14,045	\$ 140,447.30
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	12,888	\$ 257,769.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	22,920	\$ 183,361.12
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	7,950	\$ 238,503.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	10,644	\$ 691,833.36
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	58,117	\$ 116,233.68
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	11,602	\$ 290,041.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,918,189.16
REMOVALS	LS	10%	1	\$ 191,818.92
DRAINAGE	LS	15%	1	\$ 287,728.37
INTERSECTIONS	LS	10%	1	\$ 191,818.92
LIGHTING	LS	6%	1	\$ 115,091.35
EROSION CONTROL	LS	3%	1	\$ 57,545.67
TRAFFIC CONTROL	LS	5%	1	\$ 95,909.46
SIGNING & STRIPING	LS	5%	1	\$ 95,909.46
SUBTOTAL			\$	1,035,822.15
CONTINGENCY	%	15%	\$	488,101.70
PROJECT TOTAL			\$	3,742,113.01

Pinecone Rd

NORTH



Huntington Dr (West leg)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sartell</i>				
Project Location: <i>Dolores Drive</i>				
Funtional Class: <i>Local</i>				
Termini: <i>CSAH120/MN-15 interchange to Sauk River Regional Park access</i>				
Reconstruct/Expansion:				
Length of Project (mi): <i>0.38</i>				
Lanes:				
Rural/Urban: <i>Urban</i>				
Parking:				
Multimodal: <i>Sharros and Shared-the-Road signs</i>				
Projected Construction Year:				
Funding Source: <i>RATP</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Sartell_18	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ -
SUBTOTAL			\$	-
EXCAVATION - COMMON	CU YD	\$ 10.00	0	\$ -
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	0	\$ -
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	0	\$ -
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	0	\$ -
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	0	\$ -
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	-
REMOVALS	LS	10%	1	\$ -
DRAINAGE	LS	15%	1	\$ -
INTERSECTIONS	LS	10%	1	\$ -
LIGHTING	LS	6%	1	\$ -
EROSION CONTROL	LS	3%	1	\$ -
TRAFFIC CONTROL	LS	5%	1	\$ -
SIGNING & STRIPING	Feet	\$5.00	2,000	\$ -
SUBTOTAL			\$	-
CONTINGENCY	%	15%	\$	-
PROJECT TOTAL			\$	-

MN 15

NORTH



Sauk River Regional Park





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Sauk Rapids</i>			
Project Location:	<i>2nd Ave S (MSAS 104)</i>			
Functional Class:	<i>Collector</i>			
Termini:	<i>Benton Drive (MSAS 109) to 10th Street S</i>			
Reconstruct/Expansion:	<i>Reconstruct</i>			
Length of Project (mi):	<i>0.35</i>			
Lanes:	<i>2</i>			
Rural/Urban:	<i>Urban</i>			
Parking:	<i>Yes</i>			
Multimodal:	<i>Sidewalk on 1 side</i>			
Projected Construction Year:	<i>2024</i>			
Funding Source:	<i>2045 MTP, City CIP</i>			
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_01	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 100,000.00
SUBTOTAL			\$	100,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	8,783	\$ 87,827.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	3,640	\$ 72,793.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	241	\$ 1,931.76
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,144	\$ 64,329.60
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	2,925	\$ 190,130.58
4" CONCRETE WALK	SQ FT	\$ 8.00	10,970	\$ 87,758.64
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	3,657	\$ 91,425.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	596,197.53
REMOVALS	LS	10%	1	\$ 59,619.75
DRAINAGE	LS	15%	1	\$ 89,429.63
INTERSECTIONS	LS	10%	1	\$ 59,619.75
LIGHTING	LS	6%	1	\$ 35,771.85
EROSION CONTROL	LS	3%	1	\$ 17,885.93
TRAFFIC CONTROL	LS	5%	1	\$ 29,809.88
SIGNING & STRIPING	LS	5%	1	\$ 29,809.88
SUBTOTAL			\$	321,946.66
CONTINGENCY	%	15%	\$	152,721.63
PROJECT TOTAL			\$	1,170,865.82

Benton Drive

NORTH



10th Street S





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Sauk Rapids</i>
Project Location:	<i>2nd Ave S (MSAS 104)</i>
Functional Class:	<i>Collector</i>
Termini:	<i>10th Street S to Searle Street</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>0.45</i>
Lanes:	<i>2</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>Yes</i>
Multimodal:	<i>Sidewalk on 1 side</i>
Projected Construction Year:	<i>2026</i>
Funding Source:	<i>2045 MTP, City CIP</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_02	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 130,000.00
SUBTOTAL			\$	130,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	11,065	\$ 110,651.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	4,788	\$ 95,763.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	777	\$ 6,216.24
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,822	\$ 84,658.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,848	\$ 250,134.56
4" CONCRETE WALK	SQ FT	\$ 8.00	14,493	\$ 115,941.76
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	4,811	\$ 120,283.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	783,648.76
REMOVALS	LS	10%	1	\$ 78,364.88
DRAINAGE	LS	15%	1	\$ 117,547.31
INTERSECTIONS	LS	10%	1	\$ 78,364.88
LIGHTING	LS	6%	1	\$ 47,018.93
EROSION CONTROL	LS	3%	1	\$ 23,509.46
TRAFFIC CONTROL	LS	5%	1	\$ 39,182.44
SIGNING & STRIPING	LS	5%	1	\$ 39,182.44
SUBTOTAL			\$	423,170.33
CONTINGENCY	%	15%	\$	200,522.86
PROJECT TOTAL			\$	1,537,341.96

10th Street S

NORTH



Searle Street





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Sauk Rapids</i>
Project Location:	<i>11th Street N (MSAS 101)</i>
Functional Class:	<i>Collector</i>
Termini:	<i>2nd Ave N (MSAS 104) to 6th Ave N (MSAS 101)</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>0.48</i>
Lanes:	<i>2</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>Yes</i>
Multimodal:	<i>Sidewalk on 1 side</i>
Projected Construction Year:	<i>2030</i>
Funding Source:	<i>2045 MTP, City CIP</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_03	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 130,000.00
SUBTOTAL			\$	130,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	11,527	\$ 115,267.30
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	5,000	\$ 100,008.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	487	\$ 3,892.96
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,946	\$ 88,379.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	4,019	\$ 261,211.48
4" CONCRETE WALK	SQ FT	\$ 8.00	15,071	\$ 120,567.44
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	5,024	\$ 125,611.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	814,938.28
REMOVALS	LS	10%	1	\$ 81,493.83
DRAINAGE	LS	15%	1	\$ 122,240.74
INTERSECTIONS	LS	10%	1	\$ 81,493.83
LIGHTING	LS	6%	1	\$ 48,896.30
EROSION CONTROL	LS	3%	1	\$ 24,448.15
TRAFFIC CONTROL	LS	5%	1	\$ 40,746.91
SIGNING & STRIPING	LS	5%	1	\$ 40,746.91
SUBTOTAL			\$	440,066.67
CONTINGENCY	%	15%	\$	207,750.74
PROJECT TOTAL			\$	1,592,755.69

2nd Ave N

NORTH



6th Ave N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Sauk Rapids</i>
Project Location:	<i>4th Ave N (MSAS 111)</i>
Functional Class:	<i>Collector</i>
Termini:	<i>8th Street N (MSAS 108) to 13th Street N</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>0.63</i>
Lanes:	<i>2</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>yes</i>
Multimodal:	<i>Sidewalk on 1 side</i>
Projected Construction Year:	<i>2037</i>
Funding Source:	<i>City CIP</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_04	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 150,000.00
SUBTOTAL			\$	150,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	0	\$ -
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	6,610	\$ 132,202.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	0	\$ -
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	3,897	\$ 116,904.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	5,312	\$ 345,303.86
4" CONCRETE WALK	SQ FT	\$ 8.00	20,060	\$ 160,478.32
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	6,642	\$ 166,054.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	920,944.23
REMOVALS	LS	10%	1	\$ 92,094.42
DRAINAGE	LS	15%	1	\$ 138,141.63
INTERSECTIONS	LS	10%	1	\$ 92,094.42
LIGHTING	LS	6%	1	\$ 55,256.65
EROSION CONTROL	LS	3%	1	\$ 27,628.33
TRAFFIC CONTROL	LS	5%	1	\$ 46,047.21
SIGNING & STRIPING	LS	5%	1	\$ 46,047.21
SUBTOTAL			\$	497,309.88
CONTINGENCY	%	15%	\$	235,238.12
PROJECT TOTAL			\$	1,803,492.23

8th Street N

NORTH



13th St N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Sauk Rapids</i>
Project Location:	<i>5th Street South (MSAS 107)</i>
Functional Class:	<i>Collector</i>
Termini:	<i>Summit Ave to TH 10</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>0.55</i>
Lanes:	<i>2</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>Yes</i>
Multimodal:	<i>Sidewalk on 1 side</i>
Projected Construction Year:	<i>2038</i>
Funding Source:	<i>City CIP</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_05	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 170,000.00
SUBTOTAL			\$	170,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	26,058	\$ 260,575.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	5,768	\$ 115,355.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	1,196	\$ 9,569.68
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	3,398	\$ 101,942.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	4,635	\$ 301,298.18
4" CONCRETE WALK	SQ FT	\$ 8.00	17,384	\$ 139,070.24
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	5,796	\$ 144,894.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,072,706.45
REMOVALS	LS	10%	1	\$ 107,270.65
DRAINAGE	LS	15%	1	\$ 160,905.97
INTERSECTIONS	LS	10%	1	\$ 107,270.65
LIGHTING	LS	6%	1	\$ 64,362.39
EROSION CONTROL	LS	3%	1	\$ 32,181.19
TRAFFIC CONTROL	LS	5%	1	\$ 53,635.32
SIGNING & STRIPING	LS	5%	1	\$ 53,635.32
SUBTOTAL			\$	579,261.48
CONTINGENCY	%	15%	\$	273,295.19
PROJECT TOTAL			\$	2,095,263.13

Summit Ave

NORTH



TH 10





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sauk Rapids</i>				
Project Location: <i>11th Street N (MSAS 110)</i>				
Functional Class: <i>Collector</i>				
Termini: <i>6th Avenue North to Summit Ave</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.54</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>Sidewalk on 1 side</i>				
Projected Construction Year: <i>2040</i>				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_06	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 140,000.00
SUBTOTAL			\$	140,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	6,579	\$ 65,792.20
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	5,394	\$ 107,885.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	2,952	\$ 23,612.08
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	3,193	\$ 95,781.30
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	4,279	\$ 278,143.18
4" CONCRETE WALK	SQ FT	\$ 8.00	17,049	\$ 136,395.52
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	5,686	\$ 142,149.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	849,759.03
REMOVALS	LS	10%	1	\$ 84,975.90
DRAINAGE	LS	15%	1	\$ 127,463.85
INTERSECTIONS	LS	10%	1	\$ 84,975.90
LIGHTING	LS	6%	1	\$ 50,985.54
EROSION CONTROL	LS	3%	1	\$ 25,492.77
TRAFFIC CONTROL	LS	5%	1	\$ 42,487.95
SIGNING & STRIPING	LS	5%	1	\$ 42,487.95
SUBTOTAL			\$	458,869.88
CONTINGENCY	%	15%	\$	217,294.34
PROJECT TOTAL			\$	1,665,923.25

6th Avenue N

NORTH



Summit Ave





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	Sauk Rapids			
Project Location:	2nd Ave N (MSAS 104)			
Functional Class:	Collector			
Termini:	8th Street N (MSAS 108) to 11th Street N (MSAS 101)			
Reconstruct/Expansion:	Reconstruct			
Length of Project (mi):	0.49			
Lanes:	2			
Rural/Urban:	Urban			
Parking:	Yes			
Multimodal:	Sidewalk on 1 side			
Projected Construction Year:	2043			
Funding Source:	Pavement Quality Map			
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_07	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 130,000.00
SUBTOTAL			\$	130,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	8,844	\$ 88,437.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	4,932	\$ 98,632.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	6,329	\$ 50,629.84
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,921	\$ 87,644.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,912	\$ 254,308.50
4" CONCRETE WALK	SQ FT	\$ 8.00	15,741	\$ 125,926.88
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	5,198	\$ 129,961.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	835,541.52
REMOVALS	LS	10%	1	\$ 83,554.15
DRAINAGE	LS	15%	1	\$ 125,331.23
INTERSECTIONS	LS	10%	1	\$ 83,554.15
LIGHTING	LS	6%	1	\$ 50,132.49
EROSION CONTROL	LS	3%	1	\$ 25,066.25
TRAFFIC CONTROL	LS	5%	1	\$ 41,777.08
SIGNING & STRIPING	LS	5%	1	\$ 41,777.08
SUBTOTAL			\$	451,192.42
CONTINGENCY	%	15%	\$	212,510.09
PROJECT TOTAL			\$	1,629,244.03

8th Street N

NORTH



11th Street N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sauk Rapids</i>				
Project Location: <i>9th Ave N (MSAS 116)</i>				
Functional Class: <i>Collector</i>				
Termini: <i>2nd St N to 11th St N</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.50</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>Sidewalk on 1 side</i>				
Projected Construction Year: <i>2046</i>				
Funding Source:				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_08	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 130,000.00
SUBTOTAL			\$	130,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	7,556	\$ 75,559.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	5,040	\$ 100,809.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	2,182	\$ 17,459.52
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,986	\$ 89,565.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,999	\$ 259,916.64
4" CONCRETE WALK	SQ FT	\$ 8.00	16,060	\$ 128,480.80
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	5,313	\$ 132,822.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	804,613.76
REMOVALS	LS	10%	1	\$ 80,461.38
DRAINAGE	LS	15%	1	\$ 120,692.06
INTERSECTIONS	LS	10%	1	\$ 80,461.38
LIGHTING	LS	6%	1	\$ 48,276.83
EROSION CONTROL	LS	3%	1	\$ 24,138.41
TRAFFIC CONTROL	LS	5%	1	\$ 40,230.69
SIGNING & STRIPING	LS	5%	1	\$ 40,230.69
SUBTOTAL			\$	434,491.43
CONTINGENCY	%	15%	\$	205,365.78
PROJECT TOTAL			\$	1,574,470.97

2nd St N

NORTH



11th St N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>Sauk Rapids</i>				
Project Location: <i>13th Avenue NE</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Existing 19th Street NE to Golden Spike Road</i>				
Reconstruct/Expansion: <i>Expansion</i>				
Length of Project (mi): <i>0.45</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Rural</i>				
Parking: <i>No</i>				
Multimodal: <i>Sidewalk on 1 side</i>				
Projected Construction Year: <i>2046</i>				
Funding Source: <i>New</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_09	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 110,000.00
SUBTOTAL			\$	110,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	10,483	\$ 104,826.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	3,846	\$ 76,916.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	2,171	\$ 17,370.64
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,491	\$ 74,718.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	3,574	\$ 232,299.22
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	23,734	\$ 47,468.36
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION (95' R/W)	SQ FT	\$ 1.00	225,625	\$ 225,625.00
SUBTOTAL			\$	779,225.02
REMOVALS	LS	5%	1	\$ 38,961.25
DRAINAGE	LS	5%	1	\$ 38,961.25
INTERSECTIONS	LS	5%	1	\$ 38,961.25
LIGHTING	LS	2%	1	\$ 15,584.50
EROSION CONTROL	LS	5%	1	\$ 38,961.25
TRAFFIC CONTROL	LS	5%	1	\$ 38,961.25
SIGNING & STRIPING	LS	5%	1	\$ 38,961.25
SUBTOTAL			\$	249,352.01
CONTINGENCY	%	15%	\$	170,786.55
PROJECT TOTAL			\$	1,309,363.58

19th Street NE

NORTH



Golden Spike Road





ST CLOUD APO PRELIMINARY COST ESTIMATE

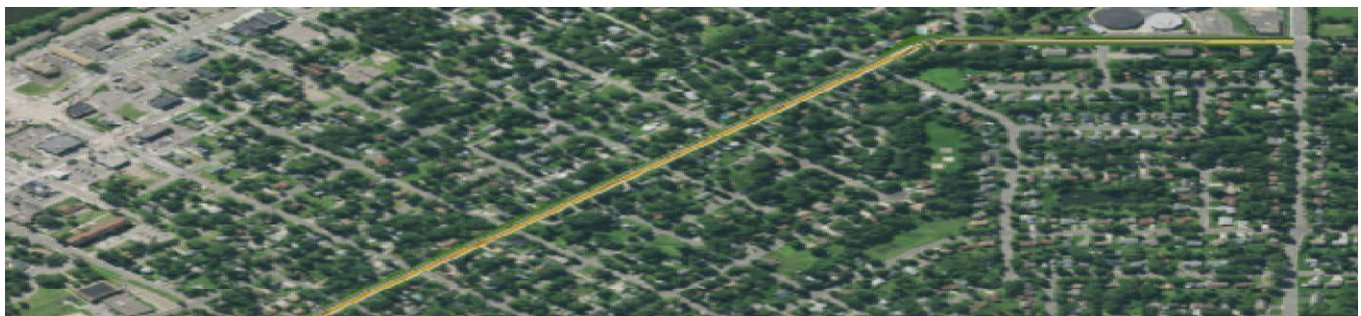
Agency: <i>Sauk Rapids</i>				
Project Location: <i>6th Avenue South & North (MSAS 101)</i>				
Functional Class: <i>Collector</i>				
Termini: <i>1st Street South to 11th Street North</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>1.02</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>Sidewalk on 1 side</i>				
Projected Construction Year: <i>2048</i>				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_10	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 260,000.00
SUBTOTAL			\$	260,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	12,966	\$ 129,656.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	10,246	\$ 204,926.60
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	9,894	\$ 79,155.04
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,066	\$ 181,977.90
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	8,128	\$ 528,349.47
4" CONCRETE WALK	SQ FT	\$ 8.00	32,475	\$ 259,802.16
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	10,800	\$ 269,998.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,653,865.17
REMOVALS	LS	10%	1	\$ 165,386.52
DRAINAGE	LS	15%	1	\$ 248,079.78
INTERSECTIONS	LS	10%	1	\$ 165,386.52
LIGHTING	LS	6%	1	\$ 99,231.91
EROSION CONTROL	LS	3%	1	\$ 49,615.96
TRAFFIC CONTROL	LS	5%	1	\$ 82,693.26
SIGNING & STRIPING	LS	5%	1	\$ 82,693.26
SUBTOTAL			\$	893,087.19
CONTINGENCY	%	15%	\$	421,042.85
PROJECT TOTAL			\$	3,227,995.21

1st Street South

NORTH



11th Street North





ST CLOUD APO PRELIMINARY COST ESTIMATE

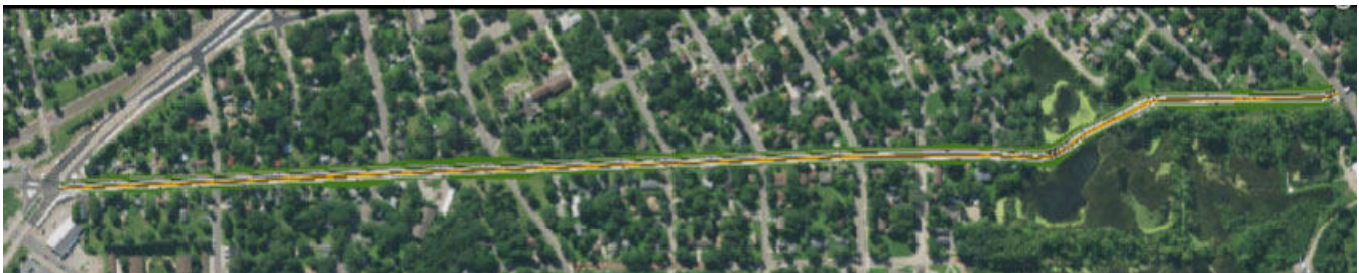
Agency: <i>Sauk Rapids</i>				
Project Location: <i>Summit Ave (MSAS 103)</i>				
Functional Class: <i>Collector</i>				
Termini: <i>Benton Drive (MSAS 109) to 2nd Street North</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>1.08</i>				
Lanes: <i>2</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>Yes</i>				
Multimodal: <i>Sidewalk on 1 side</i>				
Projected Construction Year: <i>2050</i>				
Funding Source: <i>Pavement Quality Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_11	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 270,000.00
SUBTOTAL			\$	270,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	9,419	\$ 94,187.40
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	10,805	\$ 216,093.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	15,606	\$ 124,851.44
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	6,394	\$ 191,814.00
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	8,571	\$ 557,124.61
4" CONCRETE WALK	SQ FT	\$ 8.00	34,089	\$ 272,714.88
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	11,394	\$ 284,845.50
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,741,631.03
REMOVALS	LS	10%	1	\$ 174,163.10
DRAINAGE	LS	15%	1	\$ 261,244.65
INTERSECTIONS	LS	10%	1	\$ 174,163.10
LIGHTING	LS	6%	1	\$ 104,497.86
EROSION CONTROL	LS	3%	1	\$ 52,248.93
TRAFFIC CONTROL	LS	5%	1	\$ 87,081.55
SIGNING & STRIPING	LS	5%	1	\$ 87,081.55
SUBTOTAL			\$	940,480.75
CONTINGENCY	%	15%	\$	442,816.77
PROJECT TOTAL			\$	3,394,928.55

Benton Drive

NORTH



2nd Street N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Sauk Rapids</i>
Project Location:	<i>1st Street South</i>
Functional Class:	<i>Collector</i>
Termini:	<i>2nd Ave So to Summit Ave</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>0.36</i>
Lanes:	<i>2</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>No</i>
Multimodal:	<i>Sidewalk on 1 side</i>
Projected Construction Year:	<i>2033</i>
Funding Source:	

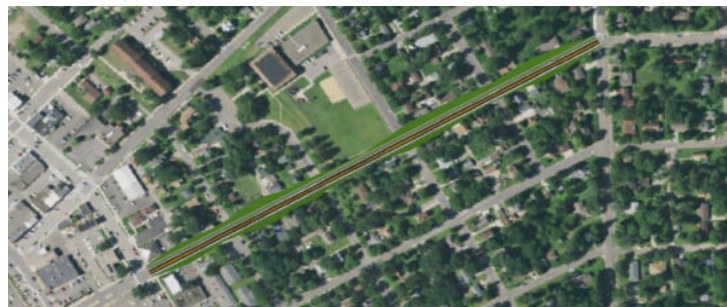
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_12	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 90,000.00
SUBTOTAL			\$	90,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	1,349	\$ 13,494.20
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	3,218	\$ 64,366.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	11,539	\$ 92,308.80
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,925	\$ 57,755.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	2,475	\$ 160,901.85
4" CONCRETE WALK	SQ FT	\$ 8.00	11,273	\$ 90,182.16
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	3,765	\$ 94,115.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	573,124.16
REMOVALS	LS	10%	1	\$ 57,312.42
DRAINAGE	LS	15%	1	\$ 85,968.62
INTERSECTIONS	LS	10%	1	\$ 57,312.42
LIGHTING	LS	6%	1	\$ 34,387.45
EROSION CONTROL	LS	3%	1	\$ 17,193.72
TRAFFIC CONTROL	LS	5%	1	\$ 28,656.21
SIGNING & STRIPING	LS	5%	1	\$ 28,656.21
SUBTOTAL			\$	309,487.04
CONTINGENCY	%	15%	\$	145,891.68
PROJECT TOTAL			\$	1,118,502.88

2nd Ave S

NORTH



Summit Ave





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Sauk Rapids</i>
Project Location:	<i>1st Avenue North (MSAS 101)</i>
Functional Class:	<i>Collector</i>
Termini:	<i>Benton Drive to 11th St N</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>0.20</i>
Lanes:	<i>2</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>No</i>
Multimodal:	<i>Sidewalk on 1 side</i>
Projected Construction Year:	<i>2028</i>
Funding Source:	

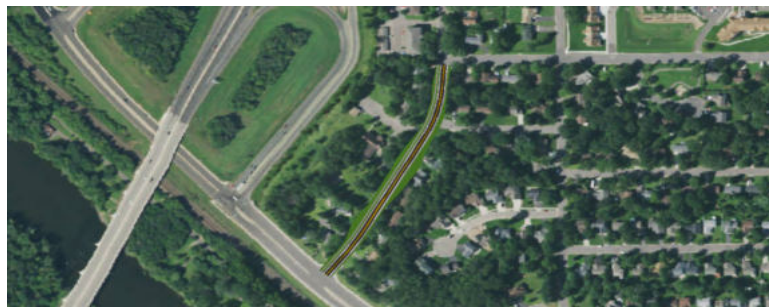
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_13	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 50,000.00
SUBTOTAL			\$	50,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	1,820	\$ 18,203.90
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	1,789	\$ 35,775.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	2,435	\$ 19,483.28
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	1,068	\$ 32,054.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	1,376	\$ 89,430.06
4" CONCRETE WALK	SQ FT	\$ 8.00	6,176	\$ 49,409.52
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	2,096	\$ 52,410.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	296,766.41
REMOVALS	LS	10%	1	\$ 29,676.64
DRAINAGE	LS	15%	1	\$ 44,514.96
INTERSECTIONS	LS	10%	1	\$ 29,676.64
LIGHTING	LS	6%	1	\$ 17,805.98
EROSION CONTROL	LS	3%	1	\$ 8,902.99
TRAFFIC CONTROL	LS	5%	1	\$ 14,838.32
SIGNING & STRIPING	LS	5%	1	\$ 14,838.32
SUBTOTAL			\$	160,253.86
CONTINGENCY	%	15%	\$	76,053.04
PROJECT TOTAL			\$	583,073.31

Benton Dr

NORTH



11th St N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Sauk Rapids</i>
Project Location:	<i>11th Street North (MSAS 101)</i>
Functional Class:	<i>Collector</i>
Termini:	<i>1st Ave N to 2nd Ave N</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>0.08</i>
Lanes:	<i>2</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>No</i>
Multimodal:	<i>Sidewalk on 1 side</i>
Projected Construction Year:	<i>2028</i>
Funding Source:	

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	SaukRapids_14	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 20,000.00
SUBTOTAL			\$	20,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	1,123	\$ 11,232.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	742	\$ 14,830.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	366	\$ 2,927.52
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	444	\$ 13,307.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	570	\$ 37,072.87
4" CONCRETE WALK	SQ FT	\$ 8.00	2,597	\$ 20,778.56
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	867	\$ 21,675.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	121,825.00
REMOVALS	LS	10%	1	\$ 12,182.50
DRAINAGE	LS	15%	1	\$ 18,273.75
INTERSECTIONS	LS	10%	1	\$ 12,182.50
LIGHTING	LS	6%	1	\$ 7,309.50
EROSION CONTROL	LS	3%	1	\$ 3,654.75
TRAFFIC CONTROL	LS	5%	1	\$ 6,091.25
SIGNING & STRIPING	LS	5%	1	\$ 6,091.25
SUBTOTAL			\$	65,785.50
CONTINGENCY	%	15%	\$	31,141.58
PROJECT TOTAL			\$	238,752.08

1st Ave N

NORTH



2nd Ave N





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	Waite Park
Project Location:	10th Ave N (MSAS 103)
Functional Class:	Arterial
Termini:	3rd Street N (CSAH 81) to Division St (CSAH 75)
Reconstruct/Expansion:	Expansion
Length of Project (mi):	0.37
Lanes:	4
Rural/Urban:	Urban
Parking:	no
Multimodal:	Shared-Use path
Projected Construction Year:	2030-2045
Funding Source:	2045 MTP & Regional Active Transportation Plan

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Waite_01	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 120,000.00
SUBTOTAL			\$	120,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	12,358	\$ 123,579.10
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	5,116	\$ 102,323.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	3,384	\$ 27,069.36
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	3,088	\$ 92,629.80
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	4,379	\$ 284,636.15
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	19,388	\$ 38,775.24
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	3,879	\$ 96,970.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	765,983.70
REMOVALS	LS	10%	1	\$ 76,598.37
DRAINAGE	LS	15%	1	\$ 114,897.56
INTERSECTIONS	LS	10%	1	\$ 76,598.37
LIGHTING	LS	6%	1	\$ 45,959.02
EROSION CONTROL	LS	3%	1	\$ 22,979.51
TRAFFIC CONTROL	LS	5%	1	\$ 38,299.19
SIGNING & STRIPING	LS	5%	1	\$ 38,299.19
SUBTOTAL			\$	413,631.20
CONTINGENCY	%	15%	\$	194,942.24
PROJECT TOTAL			\$	1,494,557.14

Division St (CSAH 75)

NORTH



3rd St N (CSAH 81)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	Waite Park
Project Location:	Waite Ave (MSAS 101)
Functional Class:	Arterial
Termini:	3rd Street N (CSAH 81) to 1st Street N
Reconstruct/Expansion:	Reconstruct
Length of Project (mi):	0.25
Lanes:	4
Rural/Urban:	Urban
Parking:	no
Multimodal:	expanded sidewalk one side; normal sidewalk on the other
Projected Construction Year:	2020-2023
Funding Source:	2045 MTP

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Waite_02	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 110,000.00
SUBTOTAL			\$	110,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	7,413	\$ 74,133.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	3,461	\$ 69,226.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	5,554	\$ 44,428.08
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,235	\$ 67,040.10
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	2,963	\$ 192,567.77
4" CONCRETE WALK	SQ FT	\$ 8.00	20,986	\$ 167,891.28
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	2,623	\$ 65,585.75
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	680,872.98
REMOVALS	LS	10%	1	\$ 68,087.30
DRAINAGE	LS	15%	1	\$ 102,130.95
INTERSECTIONS	LS	10%	1	\$ 68,087.30
LIGHTING	LS	6%	1	\$ 40,852.38
EROSION CONTROL	LS	3%	1	\$ 20,426.19
TRAFFIC CONTROL	LS	5%	1	\$ 34,043.65
SIGNING & STRIPING	LS	5%	1	\$ 34,043.65
SUBTOTAL			\$	367,671.41
CONTINGENCY	%	15%	\$	173,781.66
PROJECT TOTAL			\$	1,332,326.05

35th Street (CSAH 29)

NORTH



MN-23





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Waite Park</i>			
Project Location:	<i>10th Ave S (MSAS 103)</i>			
Functional Class:	<i>Arterial</i>			
Termini:	<i>Division St (CSAH 75) to 2nd Street S (MN-23)</i>			
Reconstruct/Expansion:	<i>Reconstruct</i>			
Length of Project (mi):	<i>0.25</i>			
Lanes:	<i>4</i>			
Rural/Urban:	<i>Urban</i>			
Parking:	<i>no</i>			
Multimodal:	<i>Shared-Use path</i>			
Projected Construction Year:	<i>mid-term</i>			
Funding Source:	<i>2045 MTP & RATP</i>			
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Waite_03	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 80,000.00
SUBTOTAL			\$	80,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	6,175	\$ 61,754.20
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	3,481	\$ 69,623.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	1,065	\$ 8,518.40
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,101	\$ 63,032.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	2,979	\$ 193,650.89
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	13,188	\$ 26,376.82
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	2,639	\$ 65,964.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	488,920.81
REMOVALS	LS	10%	1	\$ 48,892.08
DRAINAGE	LS	15%	1	\$ 73,338.12
INTERSECTIONS	LS	10%	1	\$ 48,892.08
LIGHTING	LS	6%	1	\$ 29,335.25
EROSION CONTROL	LS	3%	1	\$ 14,667.62
TRAFFIC CONTROL	LS	5%	1	\$ 24,446.04
SIGNING & STRIPING	LS	5%	1	\$ 24,446.04
SUBTOTAL			\$	264,017.23
CONTINGENCY	%	15%	\$	124,940.71
PROJECT TOTAL			\$	957,878.75

Division St (CSAH 75)

NORTH



2nd St S (MN-23)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Waite Park</i>
Project Location:	<i>10th Ave N (MSAS 103)</i>
Functional Class:	<i>Arterial</i>
Termini:	<i>2nd Street S (MN-23) to 7th St S</i>
Reconstruct/Expansion:	<i>Reconstruct</i>
Length of Project (mi):	<i>0.63</i>
Lanes:	<i>4</i>
Rural/Urban:	<i>Urban</i>
Parking:	<i>No</i>
Multimodal:	<i>Wide sidewalk</i>
Projected Construction Year:	<i>longer-term</i>
Funding Source:	<i>Pavement Condition Map & RATP</i>

ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Waite_04	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 260,000.00
SUBTOTAL			\$	260,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	18,896	\$ 188,960.20
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	8,797	\$ 175,942.40
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	7,715	\$ 61,717.76
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	5,680	\$ 170,386.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	7,530	\$ 489,422.65
4" CONCRETE WALK	SQ FT	\$ 8.00	53,338	\$ 426,705.76
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	6,669	\$ 166,713.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	1,679,848.22
REMOVALS	LS	10%	1	\$ 167,984.82
DRAINAGE	LS	15%	1	\$ 251,977.23
INTERSECTIONS	LS	10%	1	\$ 167,984.82
LIGHTING	LS	6%	1	\$ 100,790.89
EROSION CONTROL	LS	3%	1	\$ 50,395.45
TRAFFIC CONTROL	LS	5%	1	\$ 83,992.41
SIGNING & STRIPING	LS	5%	1	\$ 83,992.41
SUBTOTAL			\$	907,118.04
CONTINGENCY	%	15%	\$	427,044.94
PROJECT TOTAL			\$	3,274,011.19

7th St S

NORTH



2nd St S (MN-23)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:		Waite Park		
Project Location:		2nd Ave S		
Functional Class:		Arterial		
Termini:		2nd Street S (MN-23) to Division St (CSAH 75)		
Reconstruct/Expansion:		Reconstruct		
Length of Project (mi):		0.24		
Lanes:		4		
Rural/Urban:		Urban		
Parking:		No		
Multimodal:		Sidewalks both sides		
Projected Construction Year:		shorter term to mid-term		
Funding Source:		Pavement Condition Map		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Waite_05	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 90,000.00
SUBTOTAL			\$	90,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	8,118	\$ 81,178.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	3,281	\$ 65,625.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	695	\$ 5,562.64
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	2,026	\$ 60,790.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	2,808	\$ 182,552.41
4" CONCRETE WALK	SQ FT	\$ 8.00	14,921	\$ 119,369.44
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	2,487	\$ 62,178.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	577,257.54
REMOVALS	LS	10%	1	\$ 57,725.75
DRAINAGE	LS	15%	1	\$ 86,588.63
INTERSECTIONS	LS	10%	1	\$ 57,725.75
LIGHTING	LS	6%	1	\$ 34,635.45
EROSION CONTROL	LS	3%	1	\$ 17,317.73
TRAFFIC CONTROL	LS	5%	1	\$ 28,862.88
SIGNING & STRIPING	LS	5%	1	\$ 28,862.88
SUBTOTAL			\$	311,719.07
CONTINGENCY	%	15%	\$	146,846.49
PROJECT TOTAL			\$	1,125,823.10

2nd St S (MN-23)

NORTH



Division St (CSAH 75)





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency:	<i>Waite Park</i>			
Project Location:	<i>2nd Ave S</i>			
Functional Class:	<i>Arterial</i>			
Termini:	<i>Division St (CSAH 75) to 3rd Street N</i>			
Reconstruct/Expansion:	<i>Reconstruct</i>			
Length of Project (mi):	<i>0.36</i>			
Lanes:	<i>2</i>			
Rural/Urban:	<i>Urban</i>			
Parking:	<i>No</i>			
Multimodal:	<i>Sidewalks both sides</i>			
Projected Construction Year:				
Funding Source:	<i>Pavement Condition Map</i>			
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	Waite_06	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 140,000.00
SUBTOTAL			\$	140,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	11,405	\$ 114,053.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	5,030	\$ 100,605.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	559	\$ 4,470.40
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	3,106	\$ 93,192.60
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	4,305	\$ 279,856.95
4" CONCRETE WALK	SQ FT	\$ 8.00	22,875	\$ 182,996.08
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	3,813	\$ 95,318.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	870,493.88
REMOVALS	LS	10%	1	\$ 87,049.39
DRAINAGE	LS	15%	1	\$ 130,574.08
INTERSECTIONS	LS	10%	1	\$ 87,049.39
LIGHTING	LS	6%	1	\$ 52,229.63
EROSION CONTROL	LS	3%	1	\$ 26,114.82
TRAFFIC CONTROL	LS	5%	1	\$ 43,524.69
SIGNING & STRIPING	LS	5%	1	\$ 43,524.69
SUBTOTAL			\$	470,066.70
CONTINGENCY	%	15%	\$	222,084.09
PROJECT TOTAL			\$	1,702,644.67


Division St (CSAH 75)

NORTH



3rd St N



 ST CLOUD APO PRELIMINARY COST ESTIMATE				
Agency:		<i>MnDOT</i>		
Project Location:		<i>MN-15</i>		
Funtional Class:		<i>Arterial</i>		
Termini:		<i>I-94 to Mississippi River Bridge</i>		
Reconstruct/Expansion:		<i>Reconstruct</i>		
Length of Project (mi):		<i>7.11</i>		
Lanes:		<i>4-lane divided</i>		
Rural/Urban:		<i>Hybrid</i>		
Parking:		<i>No</i>		
Multimodal:		<i>No</i>		
Projected Construction Year:				
Funding Source:		<i>2050 Model Map</i>		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	MN_14	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 3,190,000.00
SUBTOTAL			\$	3,190,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	569,683	\$ 5,696,829.80
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	128,806	\$ 2,576,118.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	324,883	\$ 2,599,060.16
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	69,080	\$ 2,072,407.20
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	111,539	\$ 7,250,053.91
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	29,872	\$ 746,801.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	15,935	\$ 1,147,321.76
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	22,088,592.03
REMOVALS	LS	8%	1	\$ 1,767,087.36
DRAINAGE	LS	10%	1	\$ 2,208,859.20
INTERSECTIONS	LS	8%	1	\$ 1,767,087.36
LIGHTING	LS	4%	1	\$ 883,543.68
EROSION CONTROL	LS	4%	1	\$ 883,543.68
TRAFFIC CONTROL	LS	5%	1	\$ 1,104,429.60
SIGNING & STRIPING	LS	5%	1	\$ 1,104,429.60
SUBTOTAL			\$	9,718,980.49
CONTINGENCY	%	15%	\$	5,249,635.88
PROJECT TOTAL			\$	40,247,208.39

I-94

NORTH



Mississippi River Bridge





ST CLOUD APO PRELIMINARY COST ESTIMATE

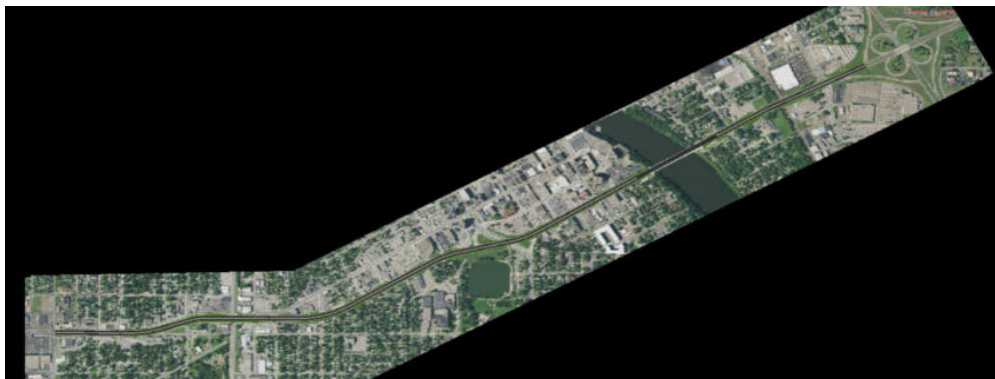
Agency: MnDOT				
Project Location: MN-23				
Functional Class: Arterial				
Termini: 25th Avenue (St. Cloud) to US-10				
Reconstruct/Expansion: Reconstruct				
Length of Project (mi): 2.49				
Lanes: 4-lane divided				
Rural/Urban: Urban				
Parking: No				
Multimodal: No				
Projected Construction Year:				
Funding Source: 2050 Model Map				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	MN_15	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 1,360,000.00
SUBTOTAL			\$	1,360,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	90,709	\$ 907,093.00
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	46,201	\$ 924,022.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	31,725	\$ 253,800.48
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	27,276	\$ 818,285.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	29,266	\$ 1,902,315.48
4" CONCRETE WALK	SQ FT	\$ 8.00	143,897	\$ 1,151,175.36
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	47,073	\$ 1,176,836.25
CONCRETE MEDIAN	SQ YD	\$ 72.00	23,534	\$ 1,694,473.68
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	8,828,001.95
REMOVALS	LS	10%	1	\$ 882,800.19
DRAINAGE	LS	15%	1	\$ 1,324,200.29
INTERSECTIONS	LS	10%	1	\$ 882,800.19
LIGHTING	LS	6%	1	\$ 529,680.12
EROSION CONTROL	LS	3%	1	\$ 264,840.06
TRAFFIC CONTROL	LS	5%	1	\$ 441,400.10
SIGNING & STRIPING	LS	5%	1	\$ 441,400.10
SUBTOTAL			\$	4,767,121.05
CONTINGENCY	%	15%	\$	2,243,268.45
PROJECT TOTAL			\$	17,198,391.45

25th Ave

NORTH



US-10





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>MnDOT</i>				
Project Location: <i>MN-23</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>25th Avenue (St. Cloud) to 2nd Avenue S (Waite Park)</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>1.47</i>				
Lanes: <i>4-lane divided</i>				
Rural/Urban: <i>Urban</i>				
Parking: <i>No</i>				
Multimodal: <i>No</i>				
Projected Construction Year:				
Funding Source: <i>2050 Model Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	MN_16	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 900,000.00
SUBTOTAL			\$	900,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	50,040	\$ 500,400.50
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	30,921	\$ 618,411.80
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	26,315	\$ 210,518.56
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	18,245	\$ 547,361.10
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	19,317	\$ 1,255,616.45
4" CONCRETE WALK	SQ FT	\$ 8.00	94,735	\$ 757,880.32
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	31,580	\$ 789,510.00
CONCRETE MEDIAN	SQ YD	\$ 72.00	15,789	\$ 1,136,820.48
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	5,816,519.21
REMOVALS	LS	10%	1	\$ 581,651.92
DRAINAGE	LS	15%	1	\$ 872,477.88
INTERSECTIONS	LS	10%	1	\$ 581,651.92
LIGHTING	LS	6%	1	\$ 348,991.15
EROSION CONTROL	LS	3%	1	\$ 174,495.58
TRAFFIC CONTROL	LS	5%	1	\$ 290,825.96
SIGNING & STRIPING	LS	5%	1	\$ 290,825.96
SUBTOTAL			\$	3,140,920.37
CONTINGENCY	%	15%	\$	1,478,615.94
PROJECT TOTAL			\$	11,336,055.51

2nd Ave S

NORTH



25th Ave





ST CLOUD APO PRELIMINARY COST ESTIMATE

Agency: <i>MnDOT</i>				
Project Location: <i>MN-23</i>				
Functional Class: <i>Arterial</i>				
Termini: <i>US-10 Interchange to Mayhew Lake Road</i>				
Reconstruct/Expansion: <i>Reconstruct</i>				
Length of Project (mi): <i>0.85</i>				
Lanes: <i>4-lane divided</i>				
Rural/Urban: <i>Rural</i>				
Parking: <i>No</i>				
Multimodal: <i>No</i>				
Projected Construction Year:				
Funding Source: <i>2050 Model Map</i>				
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	MN_17	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 310,000.00
SUBTOTAL			\$	310,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	76,128	\$ 761,281.10
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	15,354	\$ 307,073.00
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	8,657	\$ 69,259.12
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	8,191	\$ 245,717.70
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	14,336	\$ 931,850.04
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	2,315,180.96
REMOVALS	LS	5%	1	\$ 115,759.05
DRAINAGE	LS	5%	1	\$ 115,759.05
INTERSECTIONS	LS	5%	1	\$ 115,759.05
LIGHTING	LS	2%	1	\$ 46,303.62
EROSION CONTROL	LS	5%	1	\$ 115,759.05
TRAFFIC CONTROL	LS	5%	1	\$ 115,759.05
SIGNING & STRIPING	LS	5%	1	\$ 115,759.05
SUBTOTAL			\$	740,857.91
CONTINGENCY	%	15%	\$	504,905.83
PROJECT TOTAL			\$	3,870,944.70

US-10

NORTH



Mayhew Lake Rd





ST CLOUD APO PRELIMINARY COST ESTIMATE

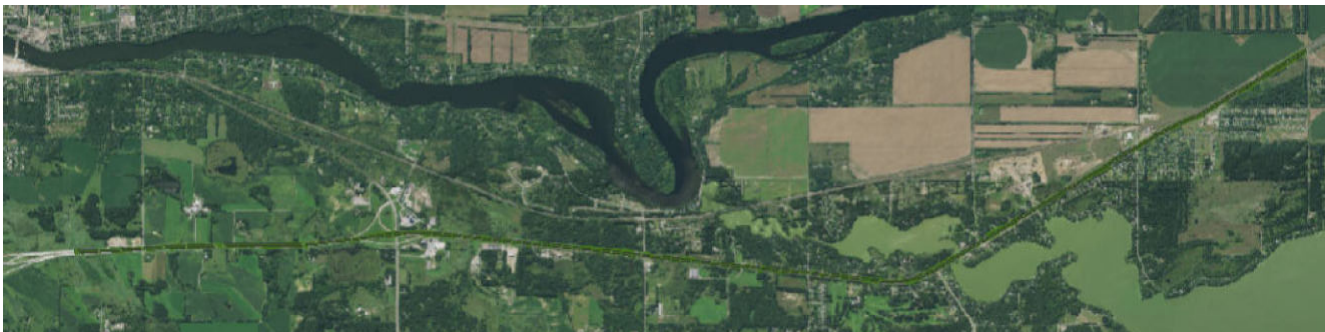
Agency:		<i>MnDOT</i>		
Project Location:		<i>US-10</i>		
Functional Class:		<i>Arterial</i>		
Termini:		<i>MN-15 Interchange to northern planning area boundary</i>		
Reconstruct/Expansion:		<i>Reconstruct</i>		
Length of Project (mi):		<i>8.04</i>		
Lanes:		<i>4-lanes</i>		
Rural/Urban:		<i>Rural</i>		
Parking:		<i>No</i>		
Multimodal:		<i>No</i>		
Projected Construction Year:				
Funding Source:		<i>2050 Model Map</i>		
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	MN_18	
			ESTIMATED QUANTITY	ESTIMATED PRICE
MOBILIZATION	LS	10%	1	\$ 3,030,000.00
SUBTOTAL			\$	3,030,000.00
EXCAVATION - COMMON	CU YD	\$ 10.00	642,891	\$ 6,428,913.10
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 20.00	145,488	\$ 2,909,756.20
COMMON EMBANKMENT (CV)	CU YD	\$ 8.00	303,205	\$ 2,425,640.80
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 30.00	77,593	\$ 2,327,804.40
TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 65.00	135,884	\$ 8,832,447.93
4" CONCRETE WALK	SQ FT	\$ 8.00	0	\$ -
3" BITUMINOUS WALK	SQ FT	\$ 2.00	0	\$ -
CONCRETE CURB & GUTTER DESIGN B624	LIN FT	\$ 25.00	0	\$ -
CONCRETE MEDIAN	SQ YD	\$ 72.00	0	\$ -
RIGHT-OF-WAY ACQUISITION	SQ FT	\$ 1.00		\$ -
SUBTOTAL			\$	22,924,562.43
REMOVALS	LS	5%	1	\$ 1,146,228.12
DRAINAGE	LS	5%	1	\$ 1,146,228.12
INTERSECTIONS	LS	5%	1	\$ 1,146,228.12
LIGHTING	LS	2%	1	\$ 458,491.25
EROSION CONTROL	LS	5%	1	\$ 1,146,228.12
TRAFFIC CONTROL	LS	5%	1	\$ 1,146,228.12
SIGNING & STRIPING	LS	5%	1	\$ 1,146,228.12
SUBTOTAL			\$	7,335,859.98
CONTINGENCY	%	15%	\$	4,993,563.36
PROJECT TOTAL			\$	38,283,985.76

MN-15 Interchange

NORTH



Northern Planning Boundary



2050 MTP Projects
Benton County

ID	Priority	Project Location	Functional Class	Termini	Reconstruct or Expansion?	Lanes after project?	Rural/Urban?	Parking?	Multimodal?	When?	Source?	Notes	Est. Cost? (2023 millions)	MTP Cost Estimates (\$millions)		
														Short-Term Time Band (2025-2028)	Mid-Term Time Band (2029-2033)	Long-Term Time Band (2034-2050)
BC1	1	Mayhew Lake Road (CSAH 1)	Arterial	35th Street (CSAH 29) to MN-23	Expansion	4-lane divided	Hybrid (median with ditches)	No	Shared-use path on 1 side		2045 MTP & corridor study	Shared use path on both sides between Osauka Road and Water Tower Road with pedestrian underpass	\$20.611	\$22.672	\$27.619	\$42.665
BC2	3	Benton Drive (CSAH 33)	Arterial	1st Street (CSAH 29) to 18th Street NW	Expansion	3-lane	Urban	No	on road bike lane		2045 MTP		\$4.012	\$4.413	\$5.376	\$8.305
BC3	4	35th Street NE (CSAH 29)	Arterial	MN-15 to US-10	Expansion	4-lane undivided	Rural	No	Shared use path on 1 side		2045 MTP & RATP		\$2.385	\$2.624	\$3.196	\$4.937
BC4	2	CSAH 29	Arterial	Mayhew Lake Rd (CSAH 1) to 35th Avenue NE	Expansion	2-lane undivided	Rural	No	No		2045 MTP		\$3.894	\$4.283	\$5.218	\$8.061
BC5	6	CSAH 29	Collector	5th Avenue NE (CR57) to CSAH 1 (Mayhew Lake Road)	Expansion	3-lane	Rural	No	Shared use path on 1 side		2050 Traffic Model & RATP		\$2.817	\$3.099	\$3.775	\$5.831
BC6	5	CSAH 29	Collector	5th Avenue NE (CR57) to US-10	Expansion	3-lane	Rural	No	Shared use path on 1 side		2050 Traffic Model & RATP	8,900 AADT would probably operate okay on 2-lane section, but issues may start to crop up. Upgrading this section to an arterial and the associated access controls and speed limits would help increase capacity without changing the cross-section	\$1.634	\$1.797	\$2.190	\$3.382
Expansion Totals													\$38.888	\$47.373	\$73.181	

BC7	1	CSAH 3	Collector	CSAH 1 to APO eastern planning boundary	Reconstruct	2-lanes	Rural	no	paved wide shoulders		County staff		\$15.001	\$16.501	\$20.101	\$31.052
BC8	2	CSAH 33 (Benton Drive)	Collector	3rd Street NE to 9th Street	Reconstruct	4-lanes	Urban	No	No		County staff		\$1.381	\$1.519	\$1.851	\$2.859
BC9	3	CSAH 8	Collector	MN23 to CR45/80	Reconstruct	2-lanes	Half Urban half rural	no	paved wide shoulders		County staff		\$0.972	\$1.069	\$1.302	\$2.012
Reconstruct Totals													\$0.000	\$0.000	\$0.000	

Estimated Revenues			
Short-Term	Mid-Term	Long-Term	Total
\$4.051	\$7.084	\$26.655	\$37.790
\$7.849	\$13.726	\$51.647	\$73.222
\$11.900	\$20.810	\$78.302	\$111.012

Proposed Fiscally Constrained 2050 MTP Project List

Short-Term Maintenance/Reconstruct													Cost	Revenue	
BC7	1	CSAH 3	Collector	CSAH 1 to APO eastern planning boundary	Reconstruct	2-lanes	Rural	no	paved wide shoulders		This is only a portion of what the County identified as a need (Phase 1)	\$3.650	\$4.015	\$4.051	\$0.036
Total Cost													\$4.015	\$0.036 Net Revenue	

Short-Term Expansion													Cost	Revenue	
BC3	4	35th Street NE (CSAH 29)	Arterial	MN-15 to US-10	Expansion	4-lane undivided	Rural	No	Shared use path on 1 side			\$2.385	\$2.624	\$7.849	\$5.226
BC4	2	CSAH 29	Arterial	Mayhew Lake Rd (CSAH 1) to 35th Avenue NE	Expansion	2-lane undivided	Rural	No	No			\$3.894	\$4.283	\$0.942	\$0.942
Total Cost													\$6.907	\$0.942 Net Revenue	

Mid-Term Maintenance/Reconstruct													Cost	Revenue	
BC7	1	CSAH 3	Collector	CSAH 1 to APO eastern planning boundary	Reconstruct	2-lanes	Rural	no	paved wide shoulders		This is only a portion of what the County identified as a need (Phase 2)	\$5.000	\$6.700	\$7.120	\$0.420
Total Cost													\$6.700	\$0.420 Net Revenue	

Mid-Term Expansion													Cost	Revenue	
BC2	3	Benton Drive (CSAH 33)	Arterial	1st Street (CSAH 29) to 18th Street NW	Expansion	3-lane	Urban	No	on road bike lane			\$4.012	\$5.376	\$14.668	\$9.292
BC5	6	CSAH 29	Collector	5th Avenue NE (CR57) to CSAH 1 (Mayhew Lake Road)	Expansion	3-lane	Rural	No	Shared use path on 1 side			\$2.817	\$3.775	\$5.517	
BC6	5	CSAH 29	Collector	5th Avenue NE (CR57) to US-10	Expansion	3-lane	Rural	No	Shared use path on 1 side		8,900 AADT would probably operate okay on 2-lane section, but issues may start to crop up. Upgrading this section to an arterial and the associated access controls and speed limits would help increase capacity without changing the cross-section	\$1.634	\$2.190	\$3.328	
Total Cost													\$11.340	\$3.328 Net Revenue	

Long-Term Maintenance/Reconstruct													Cost	Revenue	
BC7	1	CSAH 3	Collector	CSAH 1 to APO eastern planning boundary	Reconstruct	2-lanes	Rural	no	paved wide shoulders		This is only a portion of what the County identified as a need (Phase 3)	\$6.350	\$6.985	\$27.075	\$20.090
BC8	2	CSAH 33 (Benton Drive)	Collector	3rd Street NE to 9th Street	Reconstruct	4-lanes	Urban	No	No			\$1.381	\$2.859	\$17.231	\$17.231
BC9	3	CSAH 8	Collector	MN23 to CR45/80	Reconstruct	2-lanes	Half Urban half rural	no	paved wide shoulders			\$0.972	\$2.012	\$15.219	\$15.219
Total Cost													\$11.856	\$15.219 Net Revenue	

Long-Term Expansion													Cost	Revenue	
BC1	1	Mayhew Lake Road (CSAH 1)	Arterial	35th Street (CSAH 29) to MN-23	Expansion	4-lane divided	Hybrid (median with ditches)	No	Shared-use path on 1 side		Shared use path on both sides between Osauka Road and Water Tower Road with pedestrian underpass	\$20.611	\$42.665	\$51.647	\$8.982
Total Cost													\$42.665	\$8.982 Net Revenue	

**2050 MTP Projects
Sherburne County**

ID	Priority	Project Location	Functional Class	Termini	Reconstruct or Expansion?	Lanes after project?	Rural/Urban?	Parking?	Multimodal?	When?	Source?	Notes	Est. Cost? (millions of 2023 \$)	MTP Cost Estimates (\$millions)		
														Short-Term Time Band (2025-2028)	Mid-Term Time Band (2029-2033)	Long-Term Time Band (2034-2050)
SH1	1	CR 62 (17th St SW)	Collector	Tee-to-Green street to CSAH 20 (75th Ave SE)	Reconstruct	2	Rural	No	No	2024			\$5.810	\$6.391	\$7.785	\$12.027
Reconstruct Total													\$6.391	\$7.785	\$12.027	

Should we set aside money for work adjacent to US-10 improvements?

Maintenance
Expansion
Total

Estimated Revenues			
Short-Term	Mid-Term	Long-Term	Total
\$6.251	\$10.931	\$41.132	\$58.314
\$1.563	\$2.733	\$10.283	\$14.579
\$7.814	\$13.664	\$51.415	\$72.893

Proposed Fiscally Constrained 2050 MTP Project List

Short-Term													Cost	Revenue	
Maintenance/Reconstruct															
SH1	1	CR 62 (17th St SW)	Collector	Tee-to-Green street to CSAH 20 (75th Ave SE)	Reconstruct	2	Rural	No	No	2024			\$5.810	\$6.391	-\$0.140
Total Cost													\$6.391	-\$0.140 Net Revenue	

**2050 MTP Projects
Stearns County**

ID	Priority	Project Location	Functional Class	Termini	Reconstruct or Expansion?	Lanes after project?	Rural/Urban?	Parking?	Multimodal?	When?	Source?	Notes	Est. Cost (millions of 2023)	MTP Cost Estimates (\$millions)		
														Short-Term Time Band (2025-2028)	Mid-Term Time Band (2029-2033)	Long-Term Time Band (2034-2050)
ST1	3	CSAH 1 (River Ave N) in St. Cloud	Arterial	9th Ave N (MSAS 145) to CR 120	Expansion	4-lane undivided	Urban	No	Shared-use path	2020-2023	2045 MTP	Planning study just kicking off - portion is Sartell, St. Cloud, LeSauk Twn	\$4.695	\$5.165	\$6.291	\$9.719
ST2	2	CSAH 133 (2nd Street) in Sartell	Arterial	Existing CSAH 133 to 19th Ave (3/4 miles)	Expansion	2-lane	Urban	No	Shared-use path	??	2045 MTP	County wants to study another potential alignment?	\$2.099	\$2.309	\$2.813	\$4.345
ST3	9	CR 122 (40th St S) in St. Cloud	Collector	CSAH 74 to Oak Grove Rd (CSAH 136)	Expansion	4-lane				2024-2029	2045 MTP	Not a priority unless city is connecting 40th to CSAH 75	\$4.473	\$4.920	\$5.994	\$9.259
ST4	4	CSAH 75 (2nd Street S) in St. Cloud	Arterial	MN-15 to 33rd	Expansion	6-lane	Urban	No	Sidewalks both sides	2030-2045	2045 MTP	Phase 1	\$2.108	\$2.319	\$2.825	\$4.364
ST5	5	CSAH 75 (2nd Street S) in St. Cloud	Arterial	33rd to 25th	Expansion	6-lane	Urban	No	Sidewalks both sides	2030-2045	2045 MTP	Phase 2	\$3.129	\$3.442	\$4.193	\$6.477
ST6	8	CSAH 75 (2nd Street S) in St. Cloud	Arterial	25th to Cooper	Expansion	6-lane	Urban	No	Sidewalks both sides	2030-2045	2045 MTP	Phase 3	\$3.210	\$3.531	\$4.301	\$6.645
ST7	6	CSAH 1 (Riverside Ave N)	Arterial	Heritage Drive (MSAS 118) to CSAH 78	Expansion	3-lane	urban	no	Shared-use path	2030-2054	2045 MTP		\$4.765	\$5.242	\$6.385	\$9.864
ST8	1	CR 134 in St. Cloud	Arterial	Sauk River Bridge to Pinecone Road	Expansion	4-lane divided	Urban	no	Shared-use path	2024-2029	2045 MTP & RATP		\$3.737	\$4.111	\$5.008	\$7.736
ST9	7	CSAH 4 (8th Street N) in St. Cloud	Arterial	Anderson Ave to MN-15	Expansion	6-lane divided	Urban	No	Shared-use path	2030-2045	2045 MTP		\$5.293	\$5.822	\$7.093	\$10.957
Expansion Totals													\$36.860	\$44.902	\$69.364	

ST10	1	CSAH 2 (Central Ave N) in Brockway Twn	Arterial	421st Street to CSAH 1	Reconstruct	2-lane	Rural	no	8' shoulders	2025	2045 MTP		\$3.213	\$3.534	\$4.305	\$6.651
ST11	2	CSAH 1 in Brockway Twn	Arterial	CSAH 17 to northern Stearns County boundary	Reconstruct	2-lane	Rural	No	8' shoulders	2026	2045 MTP		\$5.250	\$5.775	\$7.035	\$10.868
ST12	5	CSAH 138 in Waite Park and St. Joseph Twn	Collector	MN-23 to CR 121	Reconstruct	2-lane	Rural	No	6' paved shoulders	long-term	2045 MTP		\$6.246	\$6.871	\$8.370	\$12.929
ST13	4	CSAH 136 (Oak Grove Rd) in St. Cloud & St. Augusta	Collector	CR 115 to 33rd Street S	Reconstruct	2-lane	Rural	No	6' paved shoulders	long-term	2045 MTP & Crash Map	Intersection with CR 115 has a higher than normal crash rate - maybe HSIP candidate	\$6.294	\$6.923	\$8.434	\$13.029
Reconstruct Totals													\$23.103	\$28.144	\$43.476	

Estimated Revenues			
Short-Term	Mid-Term	Long-Term	Total
\$26.231	\$45.872	\$172.610	\$244.713
\$2.915	\$5.097	\$19.179	\$27.191
\$29.146	\$50.969	\$191.789	\$271.904

Maintenance -- **UPDATED 90%**
Expansion -- **UPDATED 10%**
Total

Proposed Fiscally Constrained 2050 MTP Project List

Short-Term Maintenance/Reconstruct													Cost	Revenue	
ST10	1	CSAH 2 (Central Ave N) in Brockway Twn	Arterial	421st Street to CSAH 1	Reconstruct	2-lane	Rural	no	8' shoulders	2025			\$3.213	\$3.534	\$26.231
ST11	2	CSAH 1 in Brockway Twn	Arterial	CSAH 17 to northern Stearns County boundary	Reconstruct	2-lane	Rural	No	8' shoulders	2026			\$5.250	\$5.775	\$22.697
Total Cost													\$9.309	\$16.922 Net Revenues	
Short-Term Expansion													Cost	Revenue	
ST2	2	CSAH 133 (2nd Street) in Sartell	Arterial	Existing CSAH 133 to 19th Ave (3/4 mile)	Expansion	2-lane	Urban	No	Shared-use path	??	2045 MTP County wants to study another potential alignment?		\$2.099	\$2.309	\$2.915
Total Cost													\$2.309	\$0.606 Net Revenues	
Mid-Term Expansion													Cost	Revenue	
ST8	1	CR 134 in St. Cloud	Arterial	Sauk River Bridge to Pinecone Road	Expansion	4-lane divided	Urban	No	Shared-use path	2024-2029	2045 MTP & RATP		\$3.737	\$5.008	\$5.703
Total Cost													\$5.008	\$0.695 Net Revenues	
Long-Term Maintenance/Reconstruct													Cost	Revenue	
ST12	5	CSAH 138 in Waite Park and St. Joseph Twn	Collector	MN-23 to CR 121	Reconstruct	2-lane	Rural	No	6' paved shoulders	long-term			\$6.246	\$12.929	\$172.610
ST13	4	CSAH 136 (Oak Grove Rd) in St. Cloud & St. Augusta	Collector	CR 115 to 33rd Street S	Reconstruct	2-lane	Rural	No	6' paved shoulders	long-term	Intersection with CR 115 has a higher than normal crash rate - maybe HSIP candidate		\$6.294	\$13.029	\$159.681
Total Cost													\$25.958	\$146.652 Net Revenues	
Long-Term Expansion													Cost	Revenue	
ST4	4	CSAH 75 (2nd Street S) in St. Cloud	Arterial	MN-15 to 33rd	Expansion	6-lane	Urban	No	Sidewalks both sides	2030-2045	Phase 1		\$2.108	\$4.364	\$19.874
ST1	3	CSAH 1 (River Avenue N) in St. Cloud	Arterial	Ninth Avenue N (MSAS 145) to CR 120	Expansion	4-lane undivided	Urban	No	Sidewalks both sides	2030-2045	Planning study just kicking off - portion is Sartell, St. Cloud, LeSauk Twn		\$4.695	\$9.719	\$2.915
Total Cost													\$14.082	\$5.792 Net Revenues	

2050 MTP Projects
Saint Cloud

ID	Priority	Project Location	Functional Class	Termini	Reconstruct or Expansion?	Lanes after project?	Rural/Urban?	Parking?	Multimodal?	When?	Source?	Notes	Est. Cost?	MTP Cost Estimates (\$Millions)		
														Short-Term Time Band (2025-2028)	Mid-Term Time Band (2029-2033)	Long-Term Time Band (2034-2050)
SC1	2	40th Street S (MSAS 156)	Collector	Cooper Ave to Roosevelt Rd (CSAH 75)	Expansion	4-lane undivided	Urban	No	Shared use path on 1 side; sidewalk on the other		2045 MTP		\$9.442	\$10.386	\$12.652	\$19.545
SC2	3	40th Street S (MSAS 156)	Collector	Oak Grove Rd (CSAH 136) to Cooper Ave (MSAS 141)	Expansion	4-lane undivided	Urban	No	Shared use path on 1 side; sidewalk on the other		2045 MTP & Pavement Quality Map	Bad pavement quality too	\$4.479	\$4.927	\$6.002	\$9.272
SC3	5	3rd Street N (MSAS 114)	Arterial	31st Avenue N to 9th Avenue N (MSAS 145)	Expansion	4-lane divided	Urban	No	Constrained (8') shared-use path on north side? Will widen to 10' wherever possible		2045 MTP	Utility poles should be relocated to make 8' SUP more usable; underground utilities	\$10.619	\$11.681	\$14.229	\$21.981
SC4	8	9th Avenue N (MSAS 145)	Arterial	15th Street N (MSAS 148) to 8th Street/Veterans (CSAH 4)	Expansion	4-lane divided	Urban	No	Sidewalks on both sides		2045 MTP		\$5.501	\$6.051	\$7.371	\$11.387
SC5	7	Pinecone Rd South	Arterial	CR 134 to CSAH 120	Expansion	4-lane divided	Urban	No	shared use path 1 side; sidewalk on the other		2045 MTP & RATP		\$3.823	\$4.205	\$5.123	\$7.914
SC6	4	322nd Street	Collector	CSAH 133 to CSAH 4	Expansion	3-lane undivided	Urban	No	shared use path 1 side; sidewalk on the other		2045 MTP & RATP		\$5.349	\$5.884	\$7.168	\$11.072
SC7	9	Clearwater Road/9th Street South	Arterial	University Drive to 22nd Street S	Expansion	3-lane undivided	Urban	No			2050 Model Map & Crash Rate Map	Building bridge at 33rd may change the need for this project? Intersection of University Dr and Clearwater Rd has a high crash rate	\$2.669	\$2.936	\$3.576	\$5.525
SC8	10	Cooper	Collector	Overpass of I-94	Expansion	2-lane	Urban	No	shared use path 1 side; sidewalk on the other		City Staff		\$7.642	\$8.406	\$10.240	\$15.819
SC9	1	Heatherwood Rd	Collector	47th Street to 60th Street S	Expansion	half 3-lane; half 2-lane	Urban	No	shared use path 1 side; sidewalk on the other		City Staff		\$7.626	\$8.389	\$10.219	\$15.786
SC10	6	West Saint Germain St (CSAH 74)	Arterial	7th Street S/22nd Street S (CR 137) to 33rd Street S	Expansion	3-lane undivided	Urban	No	shared use path 1 side; sidewalk on the other		2045 MTP & RATP		\$8.192	\$9.011	\$10.977	\$16.957
Expansion Totals													\$71.876	\$87.558	\$135.258	

SC11	1	22nd Street S (MSAS 153)	Arterial	Oak Grove Rd (CSAH 136) to Cooper Ave (MSAS 141)	Reconstruct	2-lane	Urban		Shared use path on 1 side	2026	2045 MTP		\$2.715	\$2.987	\$3.638	\$5.620
SC12	9	9th Avenue N (MSAS 145)	Arterial	4th Street S to University Dr (MSAS 101)	Reconstruct	4-lane	Urban	No	Sidewalks on both sides		2045 MTP		\$2.065	\$2.272	\$2.767	\$4.275
SC13	8	5th Avenue South	Collector	9th Street South to Ramsey Place	Reconstruct	2-lane	Urban	No	Sidewalks both sides		Pavement Quality Map		\$1.683	\$1.851	\$2.255	\$3.484
SC14	10	9th Avenue N (MSAS 145)	Arterial	4th Street S to Veterans Blvd/8th Street N	Reconstruct	4-lane divided	Urban	No	Sidewalks both sides		Pavement Quality Map	Except no sidewalk under RR bridge, no room	\$2.269	\$2.496	\$3.040	\$4.697
SC15	3	Centennial Drive/10th Street N	Collector	9th Avenue North to 33rd Avenue	Reconstruct	2-lane	Urban	No	On road bike-lane; sidewalk on 1 side		Pavement Quality Map		\$4.537	\$4.991	\$6.080	\$9.392
SC16	5	University Dr SE	Arterial	Mississippi River to 15th Ave SE	Reconstruct	3-lane undivided	Urban	No	Sidewalk on both sides		Pavement Quality Map		\$3.985	\$4.384	\$5.340	\$8.249
SC17	7	12th Street N	Arterial	MN-15 to 33rd Avenue N	Reconstruct	3-lane undivided	Urban	No	Sidewalk on both sides		Pavement Quality Map		\$1.387	\$1.526	\$1.859	\$2.871
SC18	6	Wilson Avenue SE	Collector	7th Street SE to Division	Reconstruct	2-lane	Urban	Yes	Sidewalk on both sides		Pavement Quality Map		\$0.996	\$1.096	\$1.335	\$2.062
SC19	2	Lincoln Avenue SE	Arterial	7th Street SE to northern city limits	Reconstruct	3-lane undivided	Urban	Yes	No	2025	Pavement Quality Map		\$7.362	\$8.098	\$9.865	\$15.239
SC20	4	East Saint Germain	Arterial	Mississippi River to US-10	Reconstruct	3-lane undivided	Urban	Yes- one side	Sidewalk on both sides		Pavement Quality Map & RATP		\$3.440	\$3.784	\$4.610	\$7.121
SC21	12	250th Street	Future Collecto	CF 136 to CR 74	Reconstruct	2-lane	Urban	No	shared use path 1 side; sidewalk on the other		City Staff		\$8.694	\$9.563	\$11.650	\$17.997
SC22	11	255th Street	Future Collecto	CR 136 to CR 75	Reconstruct	2-lane	Urban	No	shared use path 1 side; sidewalk on the other		City Staff		\$8.448	\$9.293	\$11.320	\$17.487
Reconstruct Totals													\$52.339	\$63.759	\$98.493	

Estimated Revenues				
	Short-Term	Mid-Term	Long-Term	Total
Maintenance/Reconstruction	\$62.094	\$108.586	\$408.592	\$579.272
Expansion	\$14.429	\$25.232	\$94.945	\$134.606
Total	\$76.523	\$133.818	\$503.537	\$713.878

Proposed Fiscally Constrained 2050 MTP Project List

Short-Term													Cost	Revenue	
Maintenance/Reconstruct														\$62.094	
SC11	1	22nd Street S (MSAS 153)	Arterial	Oak Grove Rd (CSAH 136) to Cooper Ave (MSAS 141)	Reconstruct	2-lane	Urban		Shared use path on 1 side	2026			\$2.715	\$2.987	\$59.108
SC19	2	Lincoln Avenue SE	Arterial	7th Street SE to northern city limits	Reconstruct	3-lane undivided	Urban	Yes	No	2025			\$7.362	\$8.098	\$51.009
SC15	3	Centennial Drive/10th Street N	Collector	9th Avenue North to 33rd Avenue	Reconstruct	2-lane	Urban	No	On road bike-lane; sidewalk on 1 side				\$4.537	\$4.991	\$46.019
SC20	4	East Saint Germain	Arterial	Mississippi River to US-10	Reconstruct	3-lane undivided	Urban	Yes- one side	Sidewalk on both sides				\$3.440	\$3.784	\$42.235
SC16	5	University Dr SE	Arterial	Mississippi River to 15th Ave SE	Reconstruct	3-lane undivided	Urban	No	Sidewalk on both sides				\$3.985	\$4.384	\$37.851
SC18	6	Wilson Avenue SE	Collector	7th Street SE to Division	Reconstruct	2-lane	Urban	Yes	Sidewalk on both sides				\$0.996	\$1.096	\$36.756
SC17	7	12th Street N	Arterial	MN-15 to 33rd Avenue N	Reconstruct	3-lane undivided	Urban	No	Sidewalk on both sides				\$1.387	\$1.526	\$35.230
SC13	8	5th Avenue South	Collector	9th Street South to Ramsey Place	Reconstruct	2-lane	Urban	No	Sidewalks both sides				\$1.683	\$1.851	\$33.379
SC12	9	9th Avenue N (MSAS 145)	Arterial	4th Street S to University Dr (MSAS 101)	Reconstruct	4-lane	Urban	No	Sidewalks on both sides				\$2.065	\$2.272	\$31.107
SC14	10	9th Avenue N (MSAS 145)	Arterial	4th Street S to Veterans Blvd/8th Street N	Reconstruct	4-lane divided	Urban	No	Sidewalks both sides				\$2.269	\$2.496	\$28.611
SC22	11	255th Street	Future Collecto	CR 136 to CR 75	Reconstruct	2-lane	Urban	No	shared use path 1 side; sidewalk on the other				\$8.448	\$9.293	\$19.318
SC21	12	250th Street	Future Collecto	CF 136 to CR 74	Reconstruct	2-lane	Urban	No	shared use path 1 side; sidewalk on the other				\$8.694	\$9.563	\$9.755
Total Cost													\$52.339	\$9.755 Net Revenue	
Short-Term													Cost	Revenue	
Expansion														\$14.429	
SC9	1	Heatherwood Rd	Collector	47th Street to 60th Street S	Expansion	half 3-lane; half 2-lane	Urban	No	shared use path 1 side; sidewalk on the other				\$7.626	\$8.389	\$6.040
SC2	3	40th Street S (MSAS 156)	Collector	Oak Grove Rd (CSAH 136) to Cooper Ave (MSAS 141)	Expansion	4-lane undivided	Urban	No	Shared use path on 1 side; sidewalk on the other				\$4.479	\$4.927	\$1.114
Total Cost													\$13.316	\$1.114 Net Revenue	
Mid-Term													Cost	Revenue	
Expansion														\$26.346	
SC1	2	40th Street S (MSAS 156)	Collector	Cooper Ave to Roosevelt Rd (CSAH 75)	Expansion	4-lane undivided	Urban	No	Shared use path on 1 side; sidewalk on the other				\$9.442	\$12.652	\$13.693
SC6	4	322nd Street	Collector	CSAH 133 to CSAH 4	Expansion	3-lane undivided	Urban	No	shared use path 1 side; sidewalk on the other				\$5.349	\$7.168	\$6.526
SC5	7	Pinecone Rd South	Arterial	CR 134 to CSAH 120	Expansion	4-lane divided	Urban	No	shared use path 1 side; sidewalk on the other				\$3.823	\$5.123	\$1.403
Total Cost													\$24.943	\$1.403 Net Revenue	
Long-Term													Cost	Revenue	
Expansion														\$96.348	
SC3	5	3rd Street N (MSAS 114)	Arterial	31st Avenue N to 9th Avenue N (MSAS 145)	Expansion	4-lane divided	Urban	No	Constrained (8') shared-use path on north side? Will widen to 10' wherever possible				\$10.619	\$21.981	\$74.366
SC10	6	West Saint Germain St (CSAH 74)	Arterial	7th Street S/22nd Street S (CR 137) to 33rd Street S	Expansion	3-lane undivided	Urban	No	shared use path 1 side; sidewalk on the other				\$8.192	\$16.957	\$57.409
SC4	8	9th Avenue N (MSAS 145)	Arterial	15th Street N (MSAS 148) to 8th Street/Veterans (CSAH 4)	Expansion	4-lane divided	Urban	No	Sidewalks on both sides				\$5.501	\$11.387	\$46.022
SC7	9	Clearwater Road/9th Street South	Arterial	University Drive to 22nd Street S	Expansion	3-lane undivided	Urban	No					\$2.669	\$5.525	\$40.497
SC8	10	Cooper	Collector	Overpass of I-94	Expansion	2-lane	Urban	No	shared use path 1 side; sidewalk on the other				\$7.642	\$15.819	\$24.678
Total Cost													\$71.670	\$24.678 Net Revenue	

**2050 MTP Projects
Saint Joseph**

ID	Priority	Project Location	Functional Class	Termini	Reconstruct or Expansion?	Lanes after project?	Rural/Urban?	Parking?	Multimodal?	When?	Source?	Notes	Est. Cost?	MTP Cost Estimates (\$millions)		
														Short-Term Time Band (2025-2028)	Mid-Term Time Band (2029-2033)	Long-Term Time Band (2034-2050)
SJ1	1	Westwood Parkway	Arterial	Current Terminus to Pearl Drive	Expansion	4	Urban	No	Shared use path on 1 side; sidewalk on the other		2045 MTP	580 feet were constructed 2018-2019	\$5.593	\$6.152	\$7.495	\$11.578
SJ2	7	Westwood Parkway	Arterial	Pearl Drive to Westwood Parkway	Expansion	4	Urban	No	Shared use path on 1 side; sidewalk on the other		City Plans		\$3.996	\$4.396	\$5.355	\$8.272
SJ3	3	Field Street	(Future) Collector	7th Ave to 16th Ave	Expansion	2-lane divided with turn lanes	Urban	No	Shared use path on 1 side; sidewalk on the other		City Plans		\$3.493	\$3.842	\$4.681	\$7.231
SJ4	5	Field Street	(Future) Collector	16th Avenue to 20th Avenue SE	Expansion	2-lane divided with turn lanes	Urban	No	Shared use path on 1 side; sidewalk on the other		City Plans		\$1.595	\$1.755	\$2.137	\$3.302
SJ5	2	20th Avenue SE	Arterial	Intersection of Jade Road and College Ave to 16th Ave	Expansion	2-lane divided with turn lanes	Urban	No	Shared use path on 1 side; sidewalk on the other		Southwest Beltline Corridor Study		\$3.523	\$3.875	\$4.721	\$7.293
SJ6	6	20th Avenue SE	Arterial	16th Avenue to current terminus of 20th Avenue SE	Expansion	2-lane divided with turn lanes	Urban	No	Shared use path on 1 side; sidewalk on the other		Southwest Beltline Corridor Study		\$6.297	\$6.927	\$8.438	\$13.035
SJ7	8	Old Hwy 52	Future Major Collector	Current Intersection with CSAH 75 to CR 2	Expansion	2	Urban	No	Shared use path on 1 side; sidewalk on the other		City Staff		\$1.441	\$1.585	\$1.931	\$2.983
SJ8	9	15th Avenue Extention	Future Major Collector	From current intersection at CSAH 133 to current intersection of Iris Ln and 14th Ave	Expansion	2	Urban	Yes	sidewalk on both sides		City Staff		\$1.483	\$1.631	\$1.987	\$3.070
SJ9	4	Gateway Avenue	Future Major Collector	Minnesota Street to Lake Sarah	Expansion	2	Urban	No	Shared use path on 1 side; sidewalk on the other		City Staff		\$1.850	\$2.035	\$2.479	\$3.830
SJ10	10	72nd Ave Extention	Future Major C	CSAH 75 to CSAH 133	Expansion	2	Rural	No	No		City Staff	Preserve ROW for future expansion and multimodal facilities	\$1.098	\$1.208	\$1.471	\$2.273
Expansion Totals														\$33.406	\$40.694	\$62.864

SJ11	2	2nd Avenue NW	Minor Collector	Minnesota Street to CSAH 75	Reconstruct	2	Urban	Yes	sidewalk on 1 side		Pavement Condition Map		\$0.753	\$0.828	\$1.009	\$1.559
SJ12	1	College Avenue	Arterial	Minnesota Street to CSAH 75	Reconstruct	2	Urban	Yes	sidewalk on both sides		Pavement Condition Map		\$0.381	\$0.419	\$0.511	\$0.789
Reconstruct Totals														\$1.247	\$1.520	\$2.347

Estimated Revenues

	Short-Term	Mid-Term	Long-Term	Total
Maintenance	\$7.642	\$13.364	\$50.286	\$71.292
Expansion	\$2.813	\$4.919	\$18.509	\$26.241
Total	\$10.455	\$18.283	\$68.795	\$97.533

Proposed Fiscally Constrained 2050 MTP Project List

Short-Term Maintenance/Reconstruct													Cost	Revenue
SJ11	2	2nd Avenue NW	Minor Collector	Minnesota Street to CSAH 75	Reconstruct	2	Urban	Yes	sidewalk on 1 side			\$0.753	\$0.828	\$6.814
SJ12	1	College Avenue	Arterial	Minnesota Street to CSAH 75	Reconstruct	2	Urban	Yes	sidewalk on both sides			\$0.381	\$0.419	\$6.395
Total Cost													\$1.247	\$6.395 Net Revenue

Short-Term Expansion													Cost	Revenue
SJ9	4	Gateway Avenue	Future Major Collector	Minnesota Street to Lake Sarah	Expansion	2	Urban	No	Shared use path on 1 side; sidewalk on the other			\$1.850	\$2.035	\$0.778
Total Cost													\$2.035	\$0.778 Net Revenue

Mid-Term Expansion													Cost	Revenue
SJ5	2	20th Avenue SE	Arterial	Intersection of Jade Road and College Ave to 16th Ave	Expansion	2-lane divided with turn lanes	Urban	No	Shared use path on 1 side; sidewalk on the other			\$3.523	\$4.721	\$0.976
Total Cost													\$4.721	\$0.976 Net Revenue

Long-Term Expansion													Cost	Revenue
SJ1	1	Westwood Parkway	Arterial	Current Terminus to Pearl Drive	Expansion	4	Urban	No	Shared use path on 1 side; sidewalk on the other		580 feet were constructed 2018-2019	\$5.593	\$11.578	\$7.908
SJ3	3	Field Street	(Future) Collector	7th Ave to 16th Ave	Expansion	2-lane divided with turn lanes	Urban	No	Shared use path on 1 side; sidewalk on the other			\$3.493	\$7.231	\$0.677
Total Cost													\$18.808	\$0.677 Net Revenue

**2050 MTP Projects
Sartell**

ID	Priority	Project Location	Functional Class	Termini	Reconstruct or Expansion?	Lanes after project?	Rural/Urban?	Parking?	Multimodal?	When?	Source?	Notes	Est. Cost?	MTP Cost Estimates (\$millions)		
														Short-Term Time Band (2025-2028)	Mid-Term Time Band (2029-2033)	Long-Term Time Band (2034-2050)
S1	1	Leander Ave (MSAS 117)	Collector	CSAH 120 to Heritage Drive (MSAS 118)	Expansion	3	Urban	No	shared-use path 1 side		2045 MTP	Pursuing bonding \$ now	\$3.311	\$3.642	\$4.437	\$6.854
S2	5	Roberts Road	Collector	Pinecone Road (MSAS 103) to CSAH 4 (322nd St)	Expansion	3	Urban	No	shared-use path 1 side		2045 MTP		\$4.092	\$4.501	\$5.483	\$8.470
S3	4	19th Avenue North	Collector	11th Street to 15th Street	Expansion	2	Urban	No	shared-use path 1 side		2045 MTP		\$0.630	\$0.693	\$0.844	\$1.304
S5	Very Low	Pincone Rd	Arterial	Heritage Rd to 2nd Street S	Expansion	4	Urban	No	Shared use path on 1 side		2050 Model	15,300 would probably be okay on a 3-lane arterial, but may operate at LOS D or may start to experience problems at intersections. Need may depend upon CSAH 133 resolution	\$3.313	\$3.644	\$4.439	\$6.858
S6	7	Heritage Drive	Collector	Huntington Dr (west leg) to CSAH 1	Expansion	3	Urban	No	Shared use path on 1 side		City staff		\$2.738	\$3.012	\$3.669	\$5.668
S7	8	Heritage Drive	Collector	Pinecone Rd to 19th Avenue S	Expansion	3	Urban	No	Shared use path on 1 side		City staff		\$2.017	\$2.219	\$2.703	\$4.175
S8	6	4th Avenue South	Collector	2nd Street S (CSAH 133) to 4th Street S	Expansion	3	Urban	No	Shared Use Path on 1 side		2045 MTP		\$0.914	\$1.005	\$1.225	\$1.892
S9	3	15th Street N	Collector	Pinecone Road (MSAS 103) to 19th Avenue North	Expansion	2-lane with turn lanes	Urban	No	Shared Use Path on 1 side		2045 MTP		\$2.828	\$3.111	\$3.790	\$5.854
Expansion Total													\$21.827	\$26.590	\$41.075	

S4	2	LeSauk Drive (MSAS 131)	Collector	Riverside Dr (CSAH 1) to Dehler Drive	Reconstruct	3	Urban	No	Shared Use Path on 1 side; sidewalk on the other		2045 MTP	Reconstruct from rural to urban section; add LT lane	\$0.973	\$1.070	\$1.304	\$2.014
S11	2	2nd-1/2 Street N	Collector	Pinecone Rd to 3rd Avenue N	Reconstruct	2	Urban	Yes	Shared use path on 1 side		Pavement Quality Map		\$2.882	\$3.170	\$3.862	\$5.966
S12	6	7th Street N	Collector	Pinecone Rd to Riverside Dr	Reconstruct	2	Urban	Yes	Shared Use Path on 1 side		Pavement Quality Map		\$3.450	\$3.795	\$4.623	\$7.142
S13	7	12th Street N	Collector	Pinecone Rd to Riverside Dr	Reconstruct	2	Urban	Yes	Shared Use Path on 1 side		Pavement Quality Map		\$2.465	\$2.712	\$3.303	\$5.103
S14	3	Pincone Rd	Arterial	CSAH 120 to Roberts Rd	Reconstruct	3	Urban	No	Shared Use Path on 1 side		Pavement Quality Map		\$2.548	\$2.803	\$3.414	\$5.274
S15	1	19th Avenue South	Collector	6th Street S (CSAH 133) to 1st Street North	Reconstruct	2	Urban	Yes	Shared Use path on 1 side		Pavement Quality Map		\$2.306	\$2.537	\$3.090	\$4.773
S16	4	2nd-1/2 Street N	Collector	Pinecone Rd to 19th Avenue S	Reconstruct	2	Urban	No	Shared use path on 1 side		City staff		\$2.064	\$2.270	\$2.766	\$4.272
S17	5	Heritage Drive	Collector	Pinecone Rd to West leg of Huntington Dr	Reconstruct	3	Urban	No	Shared use path on 1 side		City staff		\$3.742	\$4.116	\$5.014	\$7.746
Reconstruct Total													\$22.473	\$27.376	\$42.290	

Estimated Revenues			
Short-Term	Mid-Term	Long-Term	Total
\$9.166	\$16.028	\$60.311	\$85.505
\$16.647	\$29.112	\$109.543	\$155.302
\$25.813	\$45.140	\$169.854	\$240.807

Proposed Fiscally Constrained 2050 MTP Project List

Short-Term Maintenance/Reconstruct													Cost	Revenue	
S15	1	19th Avenue South	Collector	6th Street S (CSAH 133) to 1st Street North	Reconstruct	2	Urban	Yes	Shared Use path on 1 side				\$2.306	\$2.537	\$9.166
S4	2	LeSauk Drive (MSAS 131)	Collector	Riverside Dr (CSAH 1) to Dehler Drive	Reconstruct	3	Urban	No	Shared Use Path on 1 side; sidewalk on the other		Reconstruct from rural to urban section; add LT lane		\$0.973	\$1.070	\$6.629
S11	2	2nd-1/2 Street N	Collector	Pinecone Rd to 3rd Avenue N	Reconstruct	2	Urban	Yes	Shared use path on 1 side				\$2.882	\$3.170	\$2.389
Total Cost													\$6.777	\$2.389 Net Revenue	

Short-Term Expansion													Cost	Revenue	
S1	1	Leander Ave (MSAS 117)	Collector	CSAH 120 to Heritage Drive (MSAS 118)	Expansion	3	Urban	No	shared-use path 1 side		Pursuing bonding \$ now		\$3.311	\$3.642	\$16.647
S9	3	15th Street N	Collector	Pinecone Road (MSAS 103) to 19th Avenue North	Expansion	2-lane with turn lanes	Urban	No	Shared Use Path on 1 side				\$2.828	\$3.111	\$13.005
S2	5	Roberts Road	Collector	Pinecone Road (MSAS 103) to CSAH 4 (322nd St)	Expansion	3	Urban	No	shared-use path 1 side				\$4.092	\$4.501	\$9.894
S3	4	19th Avenue North	Collector	11th Street to 15th Street	Expansion	2	Urban	No	shared-use path 1 side				\$0.630	\$0.693	\$5.393
S8	6	4th Avenue South	Collector	2nd Street S (CSAH 133) to 4th Street S	Expansion	3	Urban	No	Shared Use Path on 1 side				\$0.914	\$1.005	\$4.700
S6	7	Heritage Drive	Collector	Huntington Dr (west leg) to CSAH 1	Expansion	3	Urban	No	Shared use path on 1 side				\$2.738	\$3.012	\$3.695
Total Cost													\$15.964	\$0.683 Net Revenue	

Mid-Term Maintenance/Reconstruct													Cost	Revenue	
S14	3	Pincone Rd	Arterial	CSAH 120 to Roberts Rd	Reconstruct	3	Urban	No	Shared Use Path on 1 side				\$2.548	\$3.414	\$18.417
S16	4	2nd-1/2 Street N	Collector	Pinecone Rd to 19th Avenue S	Reconstruct	2	Urban	No	Shared use path on 1 side				\$2.064	\$2.766	\$15.003
S17	5	Heritage Drive	Collector	Pinecone Rd to West leg of Huntington Dr	Reconstruct	3	Urban	No	Shared use path on 1 side				\$3.742	\$5.014	\$12.237
S12	6	7th Street N	Collector	Pinecone Rd to Riverside Dr	Reconstruct	2	Urban	Yes	Shared Use Path on 1 side				\$3.450	\$4.623	\$7.223
Total Cost													\$15.817	\$2.600 Net Revenue	

Mid-Term Expansion													Cost	Revenue	
S7	8	Heritage Drive	Collector	Pinecone Rd to 19th Avenue S	Expansion	3	Urban	No	Shared use path on 1 side				\$2.017	\$2.703	\$29.795
S5	Very Low	Pincone Rd	Arterial	Heritage Rd to 2nd Street S	Expansion	4	Urban	No	Shared use path on 1 side		15,300 would probably be okay on a 3-lane arterial, but may operate at LOS D or may start to experience problems at intersections. Need may depend upon CSAH 133 resolution		\$3.313	\$4.439	\$27.092
Total Cost													\$7.142	\$22.653 Net Revenue	

Mid-Term Maintenance/Reconstruct													Cost	Revenue	
S13	7	12th Street N	Collector	Pinecone Rd to Riverside Dr	Reconstruct	2	Urban	Yes	Shared Use Path on 1 side				\$2.465	\$5.103	\$62.911
Total Cost													\$5.103	\$57.808 Net Revenue	

2050 MTP Projects Sauk Rapids

ID	Priority	Project Location	Functional Class	Termini	Reconstruct or Expansion?	Lanes after project?	Rural/Urban?	Parking?	Multimodal?	When?	Source?	Notes	Est. Cost? (millions of 2023 \$)	MTP Cost Estimates (\$millions)		
														Short-Term Time Band (2025-2028)	Mid-Term Time Band (2029-2033)	Long-Term Time Band (2034-2050)
SR9		13th Avenue NE	Collector	Existing 19th Street NE to Golden Spike Road	Expansion	2	Rural	No	Sidewalk on 1 side	2046	New	Development driven	\$0.932	\$1.025	\$1.249	\$1.929
Expansion Total														\$1.025	\$1.249	\$1.929

SR1		2nd Ave S (MSAS 104)	Collector	Benton Drive (MSAS 109) to 10th Street S	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2024	2045 MTP, City CIP		\$1.171	\$1.288	\$1.569	\$2.424
SR2		2nd Ave S (MSAS 104)	Collector	10th Street S to Searle Street	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2026	2045 MTP, City CIP		\$1.537	\$1.691	\$2.060	\$3.182
SR3		11th Street N (MSAS 101)	Collector	2nd Ave N (MSAS 104) to 6th Ave N (MSAS 101)	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2030	2045 MTP, City CIP		\$1.593	\$1.752	\$2.135	\$3.298
SR4		4th Ave N (MSAS 111)	Collector	8th Street N (MSAS 108) to 13th Street N	Reconstruct	2	Urban	yes	Sidewalk on 1 side	2037	City CIP		\$1.803	\$1.983	\$2.416	\$3.732
SR5		5th Street South (MSAS 107)	Collector	Summit Ave to TH 10	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2038	City CIP		\$2.095	\$2.305	\$2.807	\$4.337
SR6		11th Street N (MSAS 110)	Collector	6th Avenue North to Summit Ave	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2040	Pavement Quality Map		\$1.666	\$1.833	\$2.232	\$3.449
SR7		2nd Ave N (MSAS 104)	Collector	8th Street N (MSAS 108) to 11th Street N (MSAS 101)	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2043	Pavement Quality Map		\$1.629	\$1.792	\$2.183	\$3.372
SR8		9th Ave N (MSAS 116)	Collector	2nd St N to 11th St N	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2046			\$1.574	\$1.731	\$2.109	\$3.258
SR10		6th Avenue South & North (MSAS 101)	Collector	1st Street South to 11th Street North	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2048	Pavement Quality Map		\$3.228	\$3.551	\$4.326	\$6.682
SR11		Summit Ave (MSAS 103)	Collector	Benton Drive (MSAS 109) to 2nd Street North	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2050	Pavement Quality Map		\$3.395	\$3.735	\$4.549	\$7.028
Reconstruct Totals														\$21.660	\$26.386	\$40.760

Estimated Revenues				
	Short-Term	Mid-Term	Long-Term	Total
Maintenance	\$10.698	\$18.709	\$70.396	\$99.803
Expansion	\$1.795	\$3.139	\$11.812	\$16.746
Total	\$12.493	\$21.848	\$82.208	\$116.549

Proposed Fiscally Constrained 2050 MTP Project List

													Cost	Revenue	
Short Term														\$10.698	
SR1		2nd Ave S (MSAS 104)	Collector	Benton Drive (MSAS 109) to 10th Street S	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2024		\$1.171	\$1.288	\$9.410	
SR2		2nd Ave S (MSAS 104)	Collector	10th Street S to Searle Street	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2026		\$1.537	\$1.691	\$7.719	
Total Cost													\$2.979	\$7.719	Net Revenue

													Cost	Revenue	
Mid-Term														\$18.709	
SR3		11th Street N (MSAS 101)	Collector	2nd Ave N (MSAS 104) to 6th Ave N (MSAS 101)	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2030		\$1.593	\$2.135	\$16.574	
Total Cost													\$2.135	\$16.574	Net Revenue

													Cost	Revenue	
Long-Term Expansion														\$11.812	
SR9		13th Avenue NE	Collector	Existing 19th Street NE to Golden Spike Road	Expansion	2	Rural	No	Sidewalk on 1 side	2046	Development driven	\$0.932	\$1.929	\$9.883	
Total Cost													\$1.929	\$9.883	Net Revenue

													Cost	Revenue	
Maintenance/Reconstruct														\$70.396	
SR4		4th Ave N (MSAS 111)	Collector	8th Street N (MSAS 108) to 13th Street N	Reconstruct	2	Urban	yes	Sidewalk on 1 side	2037		\$1.803	\$3.732	\$66.664	
SR5		5th Street South (MSAS 107)	Collector	Summit Ave to TH 10	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2038		\$2.095	\$4.337	\$62.327	
SR6		11th Street N (MSAS 110)	Collector	6th Avenue North to Summit Ave	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2040		\$1.666	\$3.449	\$58.879	
SR7		2nd Ave N (MSAS 104)	Collector	8th Street N (MSAS 108) to 11th Street N (MSAS 101)	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2043		\$1.629	\$3.372	\$55.506	
SR8		9th Ave N (MSAS 116)	Collector	2nd St N to 11th St N	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2046		\$1.574	\$3.258	\$52.248	
SR10		6th Avenue South & North (MSAS 101)	Collector	1st Street South to 11th Street North	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2048		\$3.228	\$6.682	\$45.566	
SR11		Summit Ave (MSAS 103)	Collector	Benton Drive (MSAS 109) to 2nd Street North	Reconstruct	2	Urban	Yes	Sidewalk on 1 side	2050		\$3.395	\$7.028	\$38.539	
Total Cost													\$31.857	\$38.539	Net Revenue

**2050 MTP Projects
Waite Park**

ID	Priority	Project Location	Functional Class	Termini	Reconstruct or Expansion?	Lanes after project?	Rural/Urban?	Parking?	Multimodal?	When?	Source?	Notes	Est. Cost? (millions of 2023 \$)	MTP Cost Estimates (\$millions)		
														Short-Term Time Band (2025-2028)	Mid-Term Time Band (2029-2033)	Long-Term Time Band (2034-2050)
WP1	1	10th Ave N (MSAS 103)	Arterial	3rd Street N (CSAH 81) to Division St (CSAH 75)	Expansion	4	Urban	no	Shared-Use path	2030-2045	2045 MTP & Regional Active Transportation Plan	Long term	\$1.495	\$1.645	\$2.003	\$3.095
Expansion Total														\$1.645	\$2.003	\$3.095

WP2	3	Waite Ave (MSAS 101)	Arterial	3rd Street N (CSAH 81) to 1st Street N	Reconstruct	4	Urban	no	expanded sidewalk one side; normal sidewalk on the other	2020-2023	2045 MTP		\$1.332	\$1.465	\$1.785	\$2.757
WP3	1	10th Ave S (MSAS 103)	Arterial	Division St (CSAH 75) to 2nd Street S (MN-23)	Reconstruct	4	Urban	no	Shared-Use path	mid-term	2045 MTP & RATP	Some realignment of 1st Street S to be included to correct skewed intersection	\$0.958	\$1.054	\$1.284	\$1.983
WP4	4	10th Ave N (MSAS 103)	Arterial	2nd Street S (MN-23) to 7th St S	Reconstruct	4	Urban	No	Wide sidewalk	longer-term	Pavement Condition Map & RATP	Overlay scheduled for 2022. Keep on the list for eventual reconstruct	\$3.274	\$3.601	\$4.387	\$6.777
WP5	2	2nd Ave S	Arterial	2nd Street S (MN-23) to Division St (CSAH 75)	Reconstruct	4	Urban	No	Sidewalks both sides	shorter term to mid-term	Pavement Condition Map		\$1.126	\$1.239	\$1.509	\$2.331
WP6	5	2nd Ave S	Arterial	Division St (CSAH 75) to 3rd Street N	Reconstruct	2	Urban	No	Sidewalks both sides		Pavement Condition Map		\$1.703	\$1.873	\$2.282	\$3.525
Reconstruct Totals														\$9.232	\$11.247	\$17.374

Estimated Revenues				
	Short-Term	Mid-Term	Long-Term	Total
Maintenance	\$3.462	\$6.054	\$22.779	\$32.295
Expansion	\$0.865	\$1.513	\$5.695	\$8.073
Total	\$4.327	\$7.567	\$28.474	\$40.368

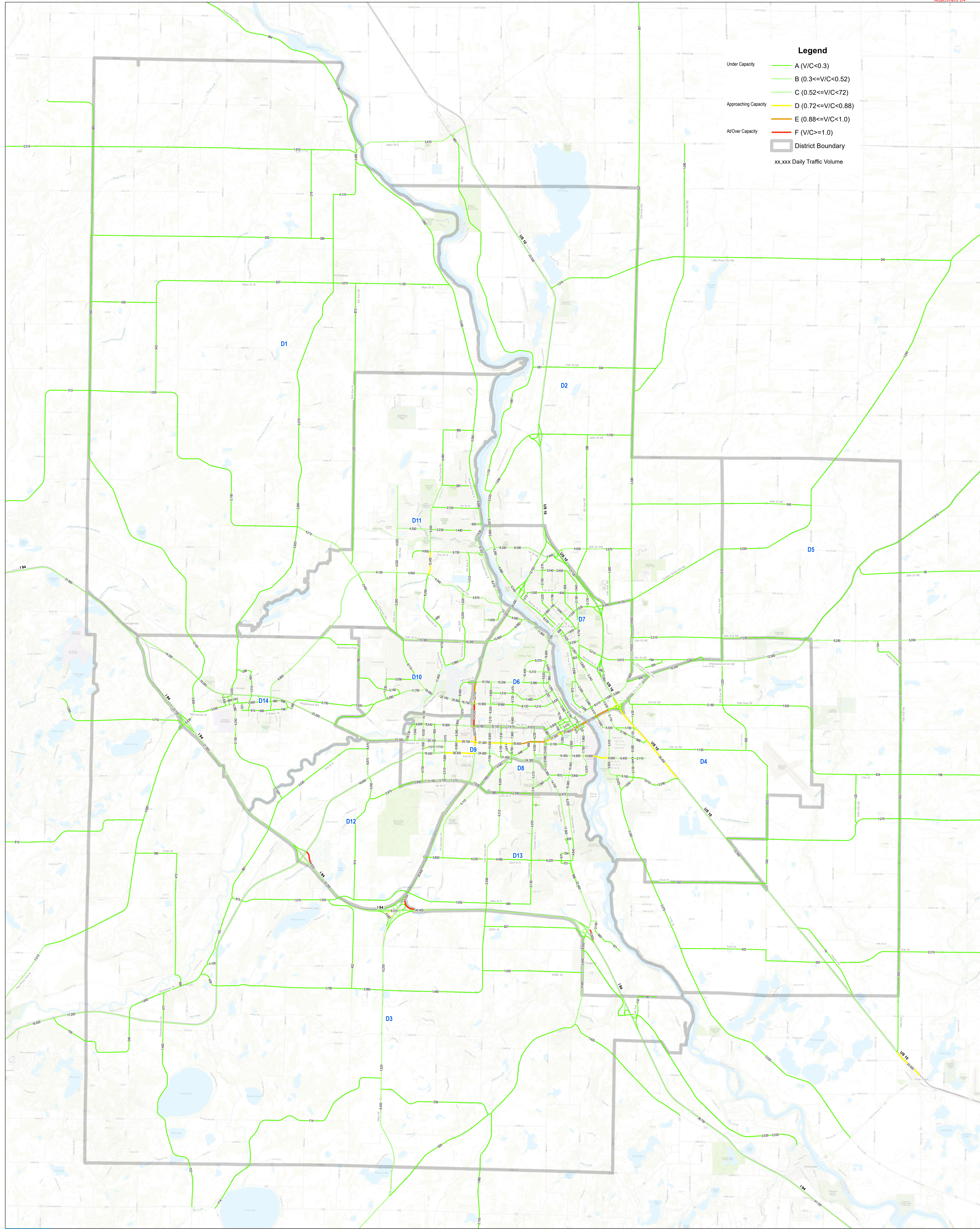
Proposed Fiscally Constrained 2050 MTP Project List

Short-Term													Cost	Revenue	
Maintenance/Reconstruct														\$3.462	
WP2	3	Waite Ave (MSAS 101)	Arterial	3rd Street N (CSAH 81) to 1st Street N	Reconstruct	4	Urban	no	expanded sidewalk one side; normal sidewalk on the other	2020-2023			\$1.332	\$1.465	\$1.997
WP5	2	2nd Ave S	Arterial	2nd Street S (MN-23) to Division St (CSAH 75)	Reconstruct	4	Urban	No	Sidewalks both sides	shorter term to mid-term			\$1.126	\$1.239	\$0.758
Total Cost													\$2.704	\$0.758 Net Revenue	

Mid-Term													Cost	Revenue	
Maintenance/Reconstruct														\$6.054	
WP3	1	10th Ave S (MSAS 103)	Arterial	Division St (CSAH 75) to 2nd Street S (MN-23)	Reconstruct	4	Urban	no	Shared-Use path	mid-term	Some realignment of 1st Street S to be included to correct skewed intersection		\$0.958	\$1.284	\$4.770
WP6	5	2nd Ave S	Arterial	Division St (CSAH 75) to 3rd Street N	Reconstruct	2	Urban	No	Sidewalks both sides				\$1.703	\$2.282	\$2.488
Total Cost													\$3.566	\$2.488 Net Revenue	

Long-Term													Cost	Revenue	
Expansion														\$5.695	
WP1	1	10th Ave N (MSAS 103)	Arterial	3rd Street N (CSAH 81) to Division St (CSAH 75)	Expansion	4	Urban	no	Shared-Use path	2030-2045	Long term		\$1.495	\$3.095	\$2.600
Total Cost													\$3.095	\$2.600 Net Revenues	

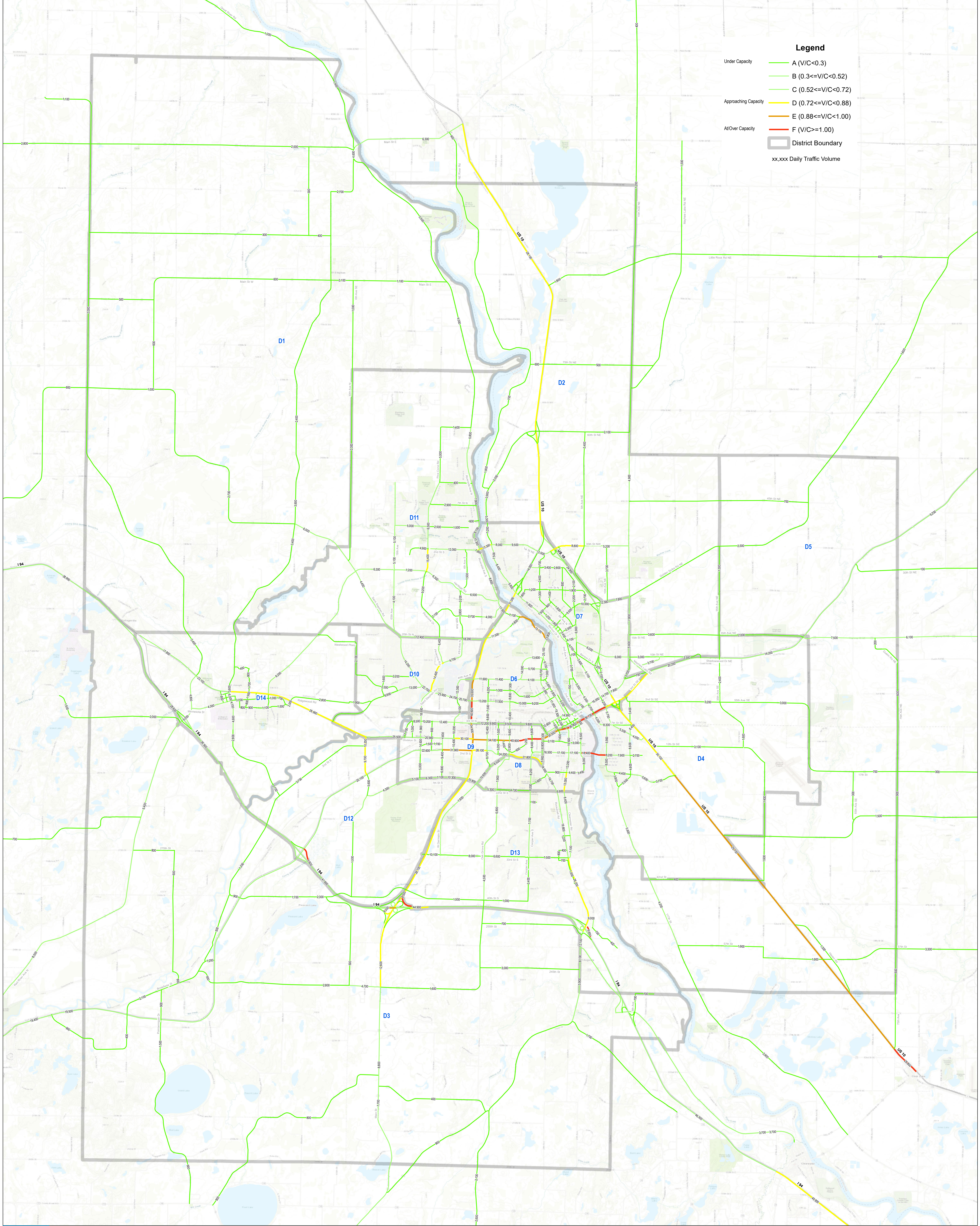
Long-Term													Cost	Revenue	
Maintenance/Reconstruct														\$22.779	
WP4	4	10th Ave N (MSAS 103)	Arterial	2nd Street S (MN-23) to 7th St S	Reconstruct	4	Urban	No	Wide sidewalk	longer-term	Overlay scheduled for 2022. Keep on the list for eventual reconstruct		\$3.274	\$6.777	\$16.002
Total Cost													\$6.777	\$16.002 Net Revenues	



Date: 7/12/2023
By: HKiao

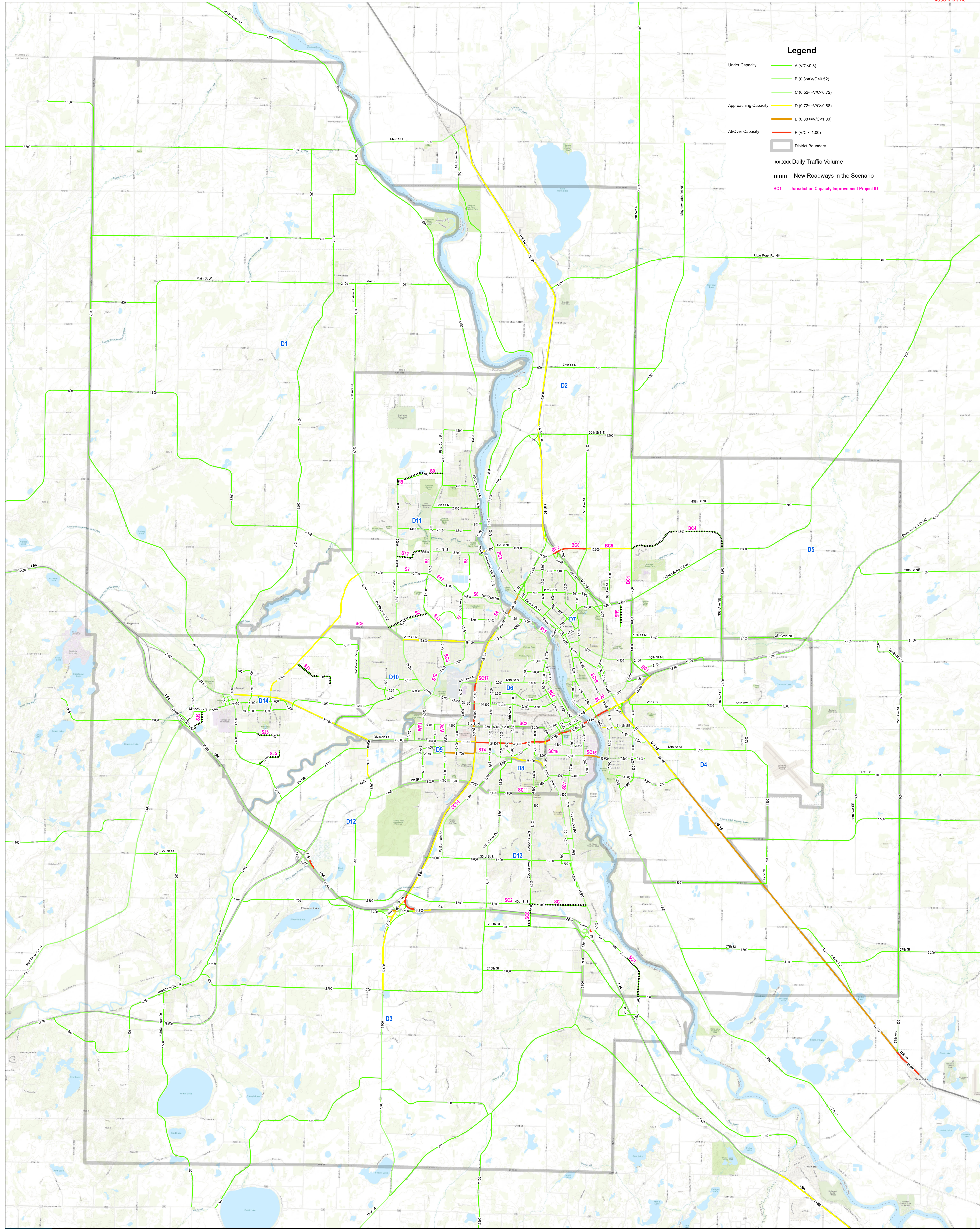
Existing Roadway Daily Traffic Counts & Level of Service & Volume/Capacity Ratio

2050 Metropolitan Transportation Plan Support
St. Cloud Area Planning Organization



Legend

- Under Capacity
 - A ($V/C < 0.3$)
 - B ($0.3 \leq V/C < 0.52$)
 - C ($0.52 \leq V/C < 0.72$)
- Approaching Capacity
 - D ($0.72 \leq V/C < 0.88$)
 - E ($0.88 \leq V/C < 1.00$)
- All/Over Capacity
 - F ($V/C \geq 1.00$)
- District Boundary
- xx,xxx Daily Traffic Volume

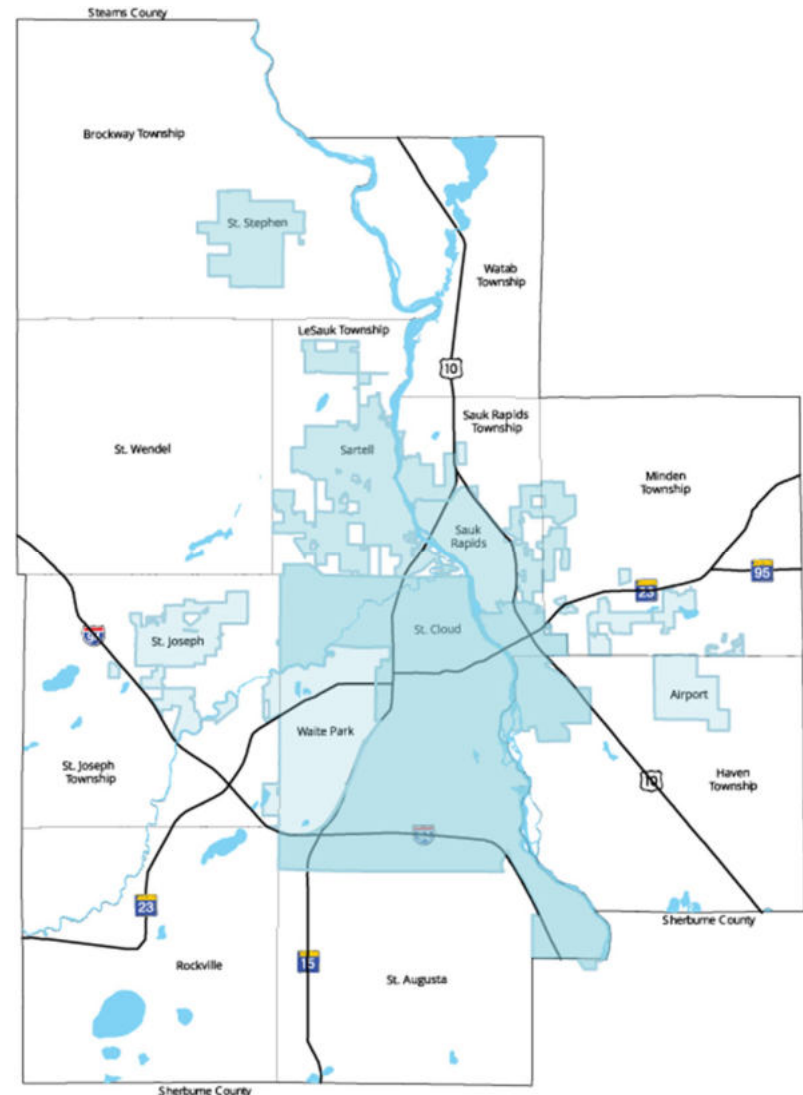


Legend

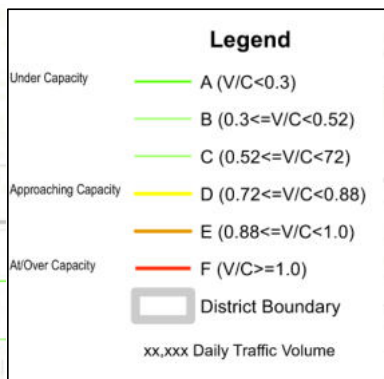
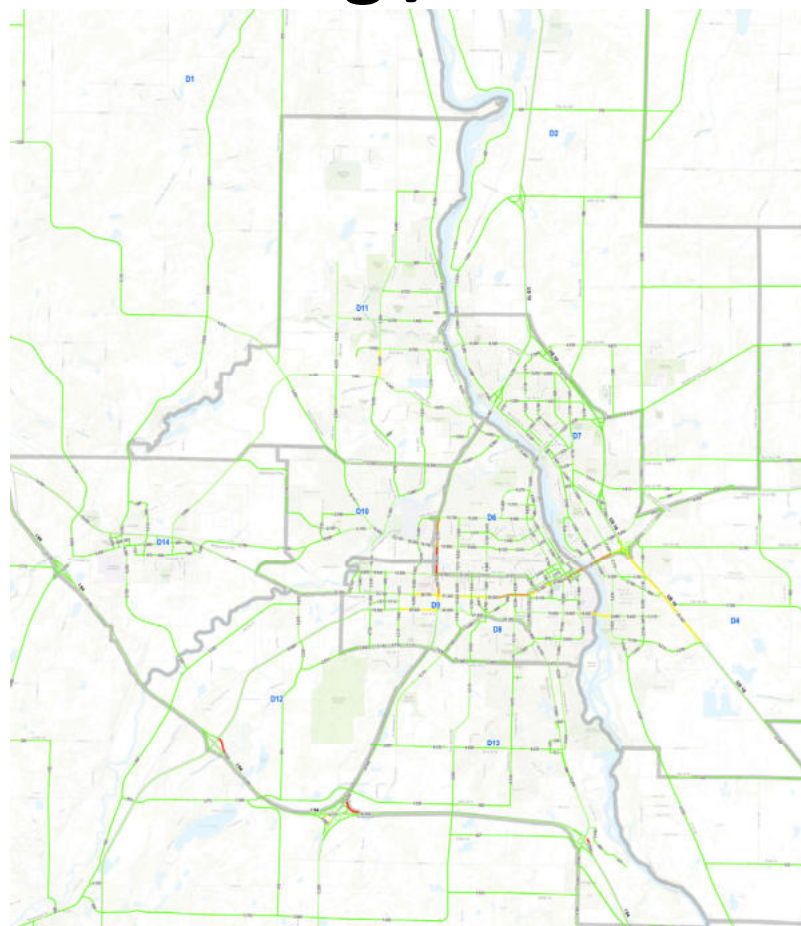
- Under Capacity
 - A ($V/C < 0.3$)
 - B ($0.3 < V/C < 0.52$)
 - C ($0.52 < V/C < 0.72$)
- Approaching Capacity
 - D ($0.72 < V/C < 0.88$)
 - E ($0.88 < V/C < 1.00$)
 - F ($V/C > 1.00$)
- At/Over Capacity
 - F ($V/C > 1.00$)
- District Boundary
- xx,xxx Daily Traffic Volume
- ▬▬▬▬ New Roadways in the Scenario
- BC1 Jurisdiction Capacity Improvement Project ID

St Cloud APO July 2023 Technical Advisory Committee (TAC)

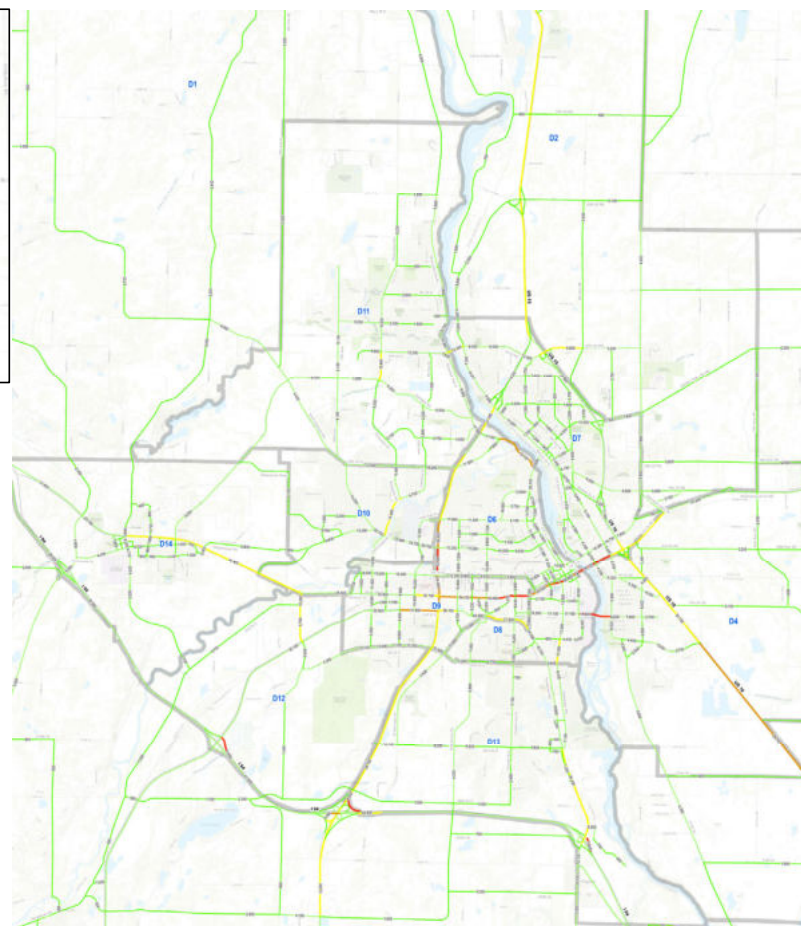
2050 Metropolitan Transportation Plan
Cost and Travel Demand Model Results Presentation



Existing / No Build Congestion



+25% VMT
+28% VHT
+104% Delay



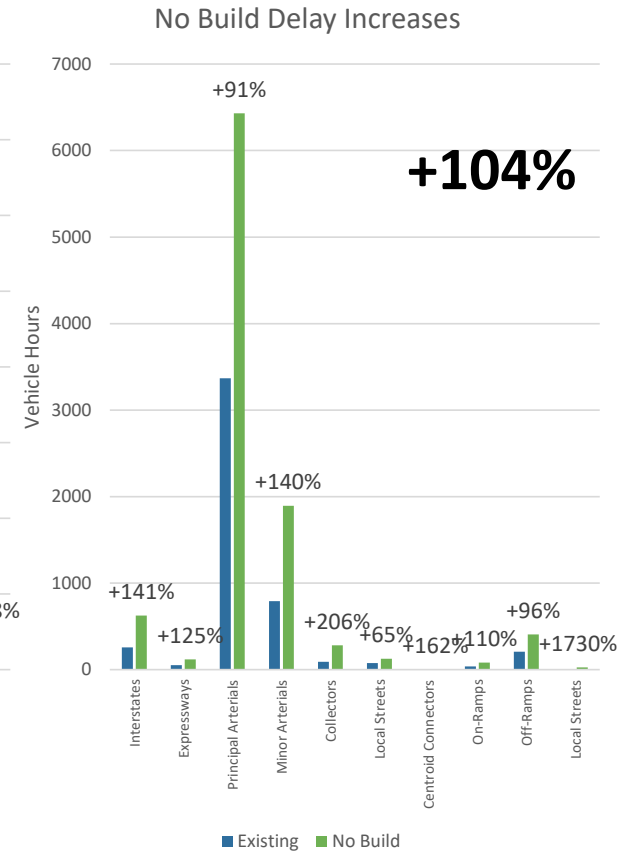
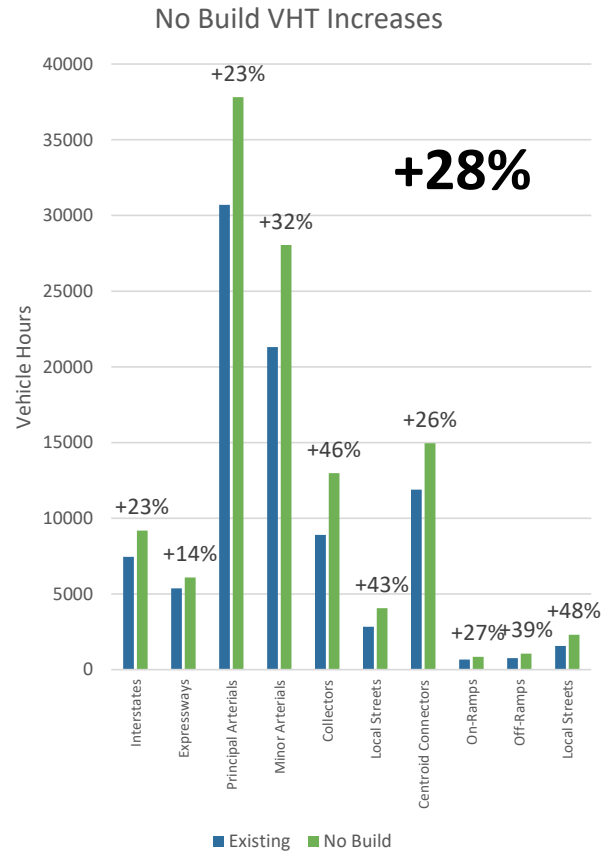
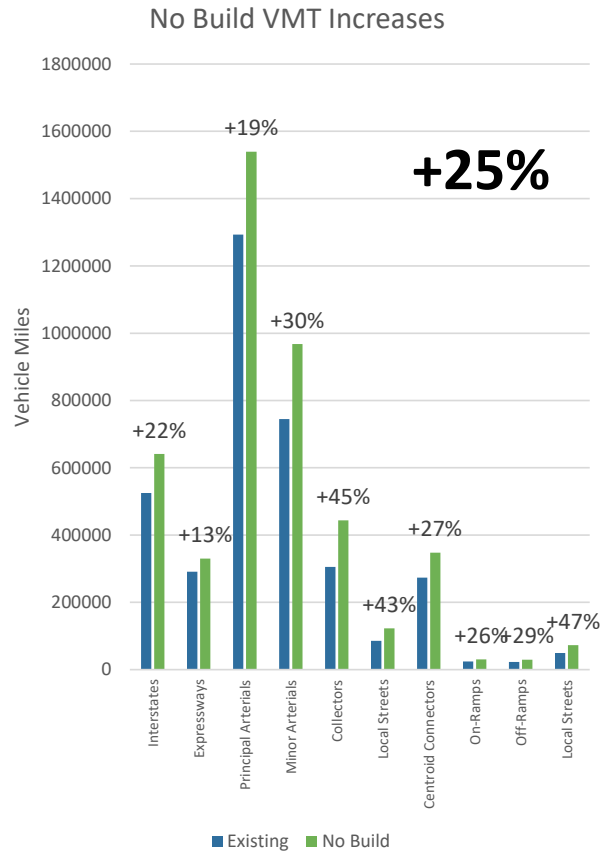
Redefining LOS in the Base TDM Model

Table 1
Generalized Average Two-way Daily Traffic Lower Limit Thresholds By Level of Service

Facility Type	# of Lanes	B	C	D	E (Capacity)
Interstate Freeways & Expressways (Urban)	6	63,500	87,500	106,600	121,000
	4	42,300	58,300	71,100	80,700
Interstate Freeway & Expressways (Developing)	6	62,100	85,600	104,300	118,400
	4	41,400	57,000	69,500	78,900
Interstate Freeway & Expressways (Rural)	6	52,800	72,800	88,700	100,700
	4	35,200	48,500	59,100	67,100
Divided Arterials (Urban/Developing)	6	28,300	39,000	47,600	54,000
	4	18,800	25,900	31,500	35,800
	2	9,400	13,000	15,900	18,000
Divided Arterials (Rural)	6	25,500	35,100	42,800	48,600
	4	17,000	23,400	28,500	32,400
	2	8,500	11,700	14,300	16,200
Un-Divided Arterials (Urban/Developing)	4	17,900	24,700	30,100	34,200
	2	9,000	12,400	15,100	17,100
Un-Divided Arterials (Rural)	4	16,200	22,300	27,100	30,800
	2	8,100	11,100	13,600	15,400
Divided Collectors/Local Streets(Urban/Developing)	4	14,700	20,200	24,700	28,000
	2	7,200	10,000	12,200	13,800
Divided Collectors/Local Streets(Rural)	4	13,400	18,400	22,500	25,500
	2	6,700	9,200	11,200	12,700
Un-Divided Collectors/Local Streets(Urban/Developing)	4	13,800	19,000	23,200	26,300
	2	7,000	9,600	11,700	13,300
Un-Divided Collectors/Local Streets(Rural)	4	12,700	17,600	21,400	24,300
	2	6,400	8,800	10,700	12,200
V/C Ratio		0.52	0.72	0.88	1.00

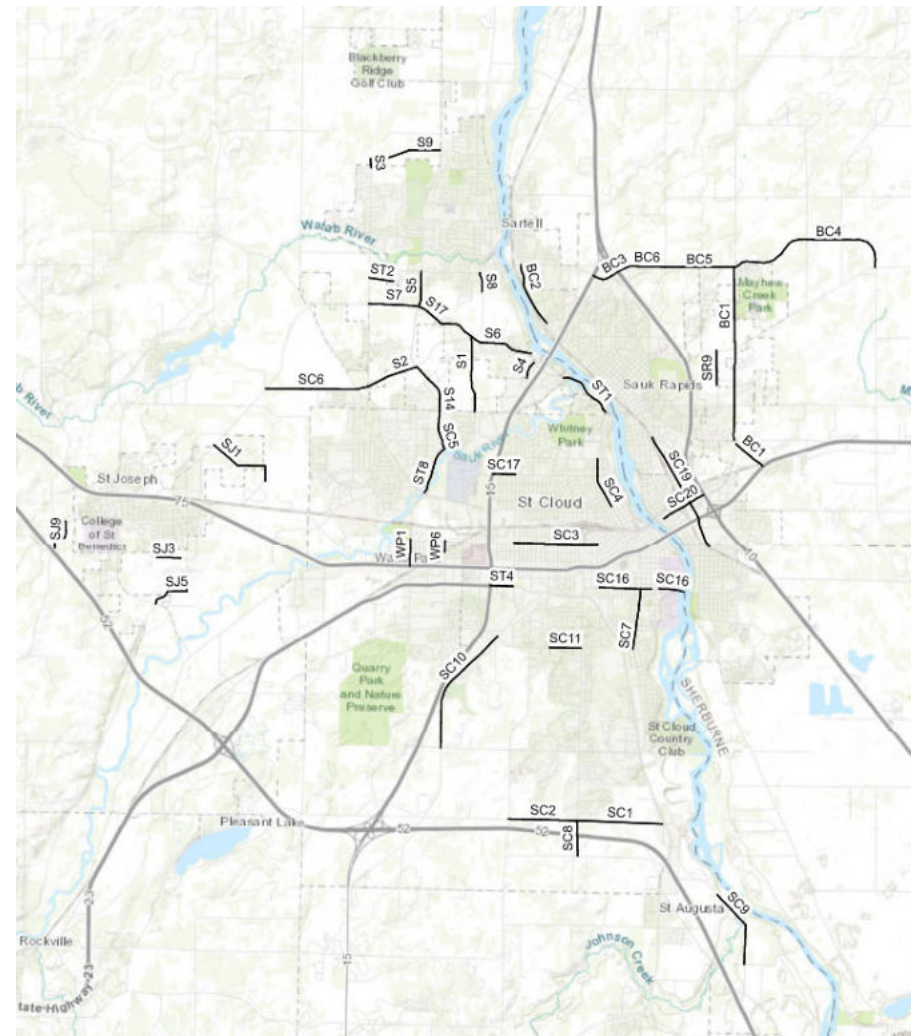
Note: Estimated based on freeway daily capacity in Exhibit 12-40 in HCM 6th Edition and hourly capacity in the St Cloud APO model.

Existing vs No Build Metrics



Initial Scenario

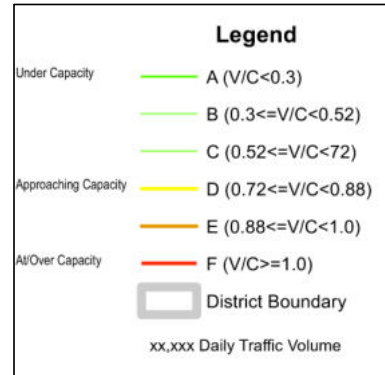
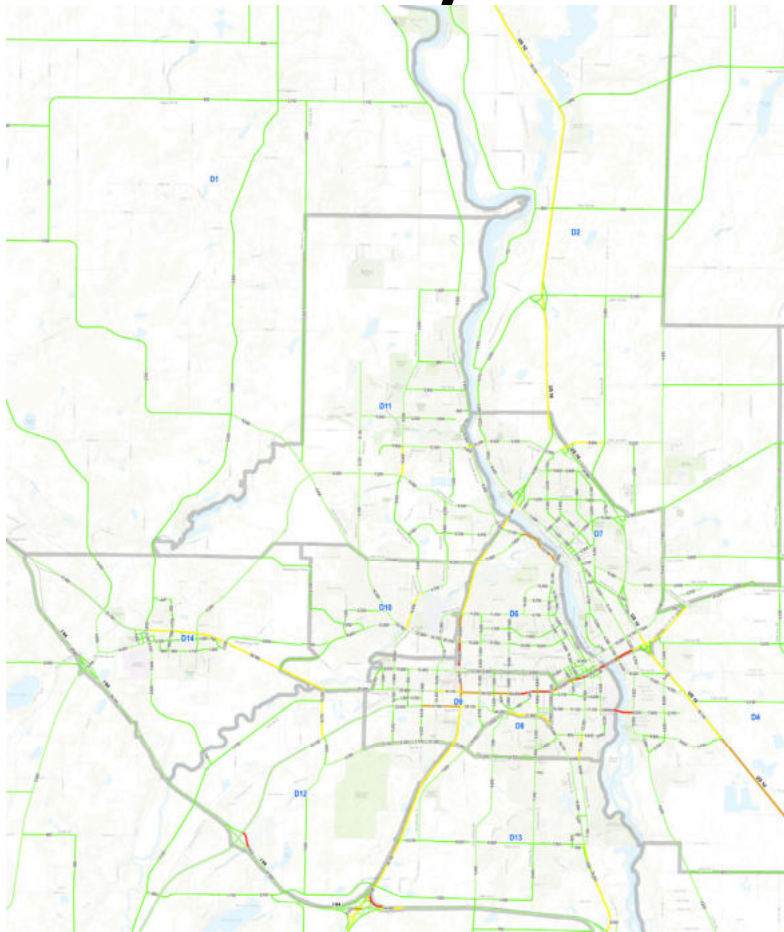
- 18 MnDOT projects identified
 - \$224.9 M (FY 23)
- 103 City and County Projects
 - \$338.96 M (FY 23)
 - \$441.46 M (Currently Proposed inflated)



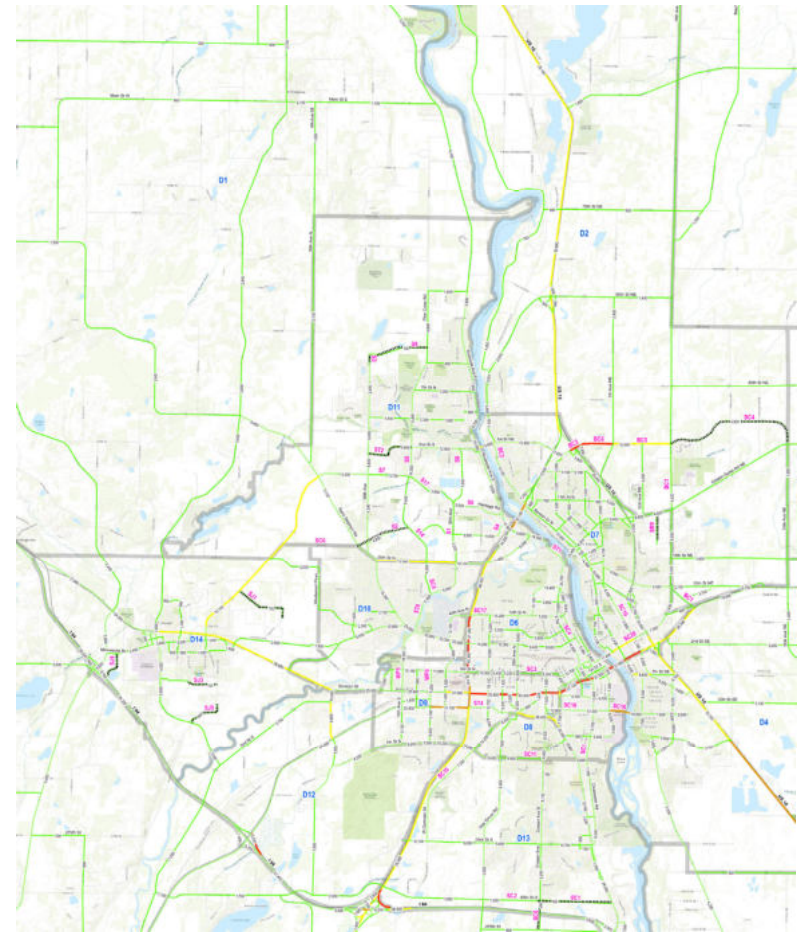
Initial Project List Locations / Costs

Agency	Project Locations	Cost Estimate (FY 2023)
MnDOT Total	18	\$224,940,000
Benton County Total	9	\$53,800,000
Stearns County Total	22	\$62,200,000
Saint Joseph Total	12	\$31,500,000
Sherburne County Total	3	\$9,150,000
Sartell Total	18	\$41,550,000
Saint Cloud Total	22	\$109,880,000
Waite Park Total	6	\$9,880,000
Sauk Rapids Total	11	\$21,000,000
Grand Total	121	\$563,900,000

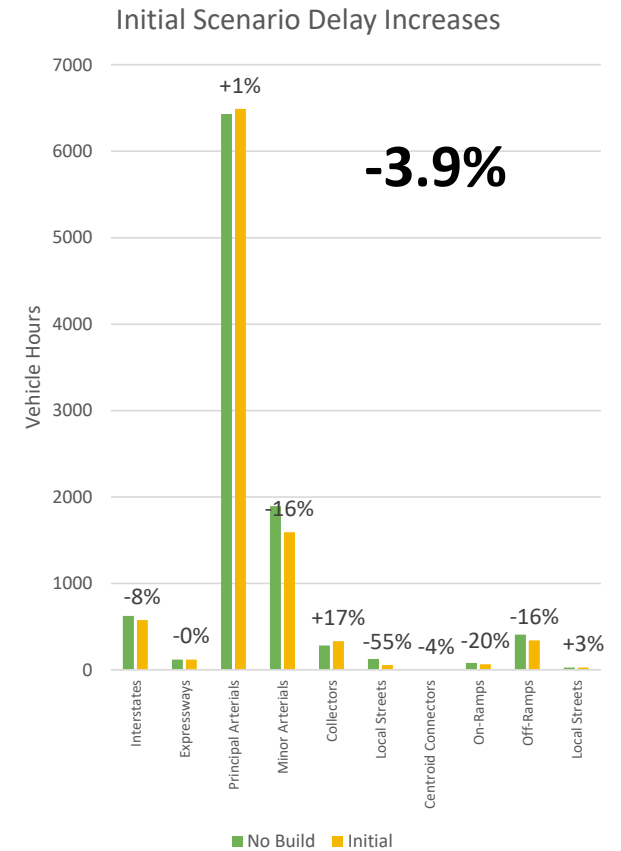
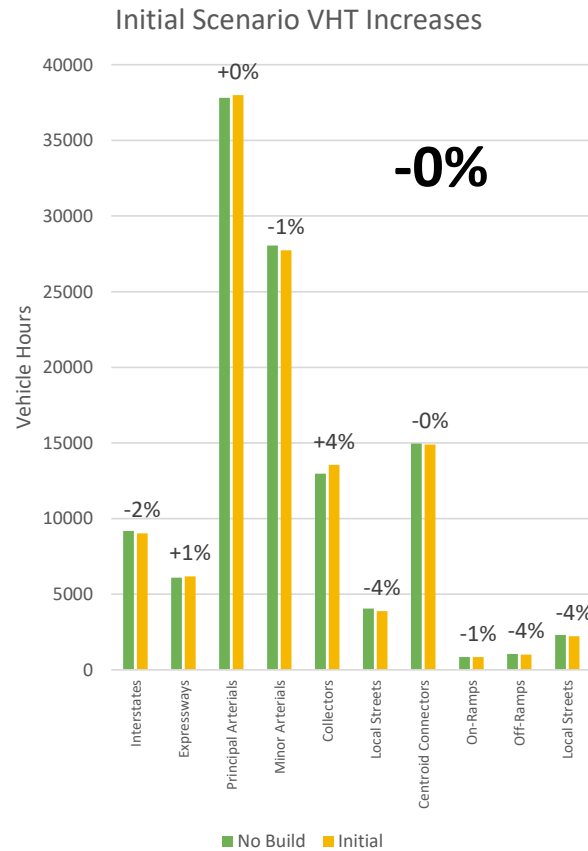
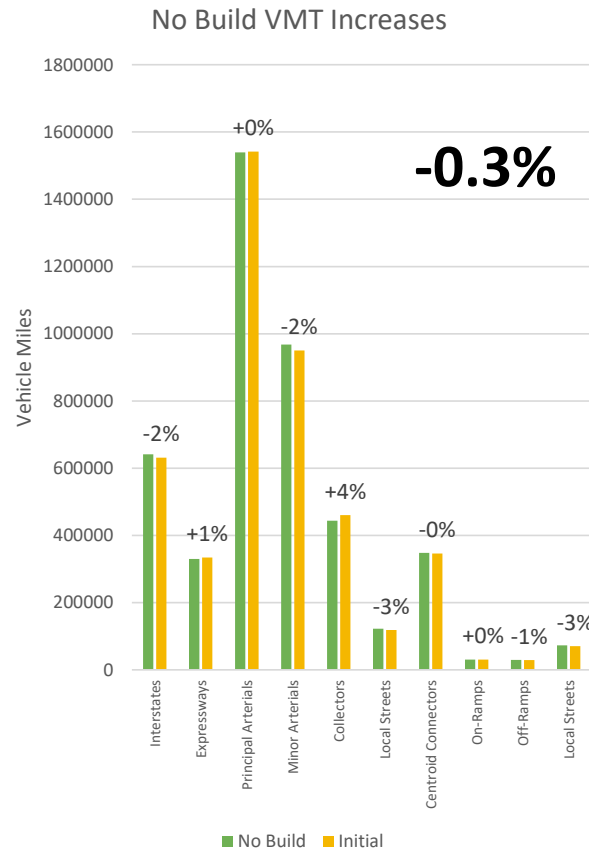
No Build / Initial Scenario



-0.3% VMT
-0.0% VHT
-3.9% Delay

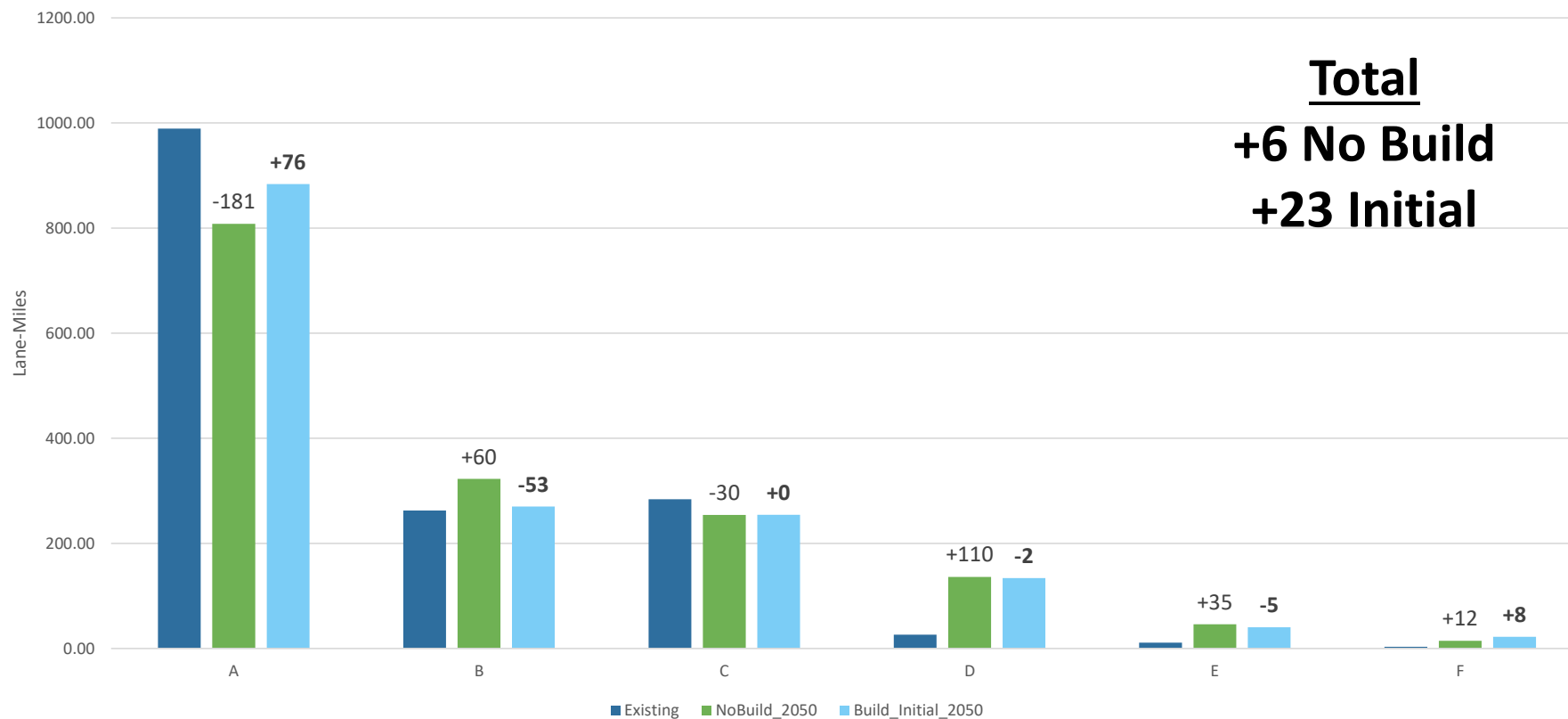


No Build vs Initial Scenario Metrics



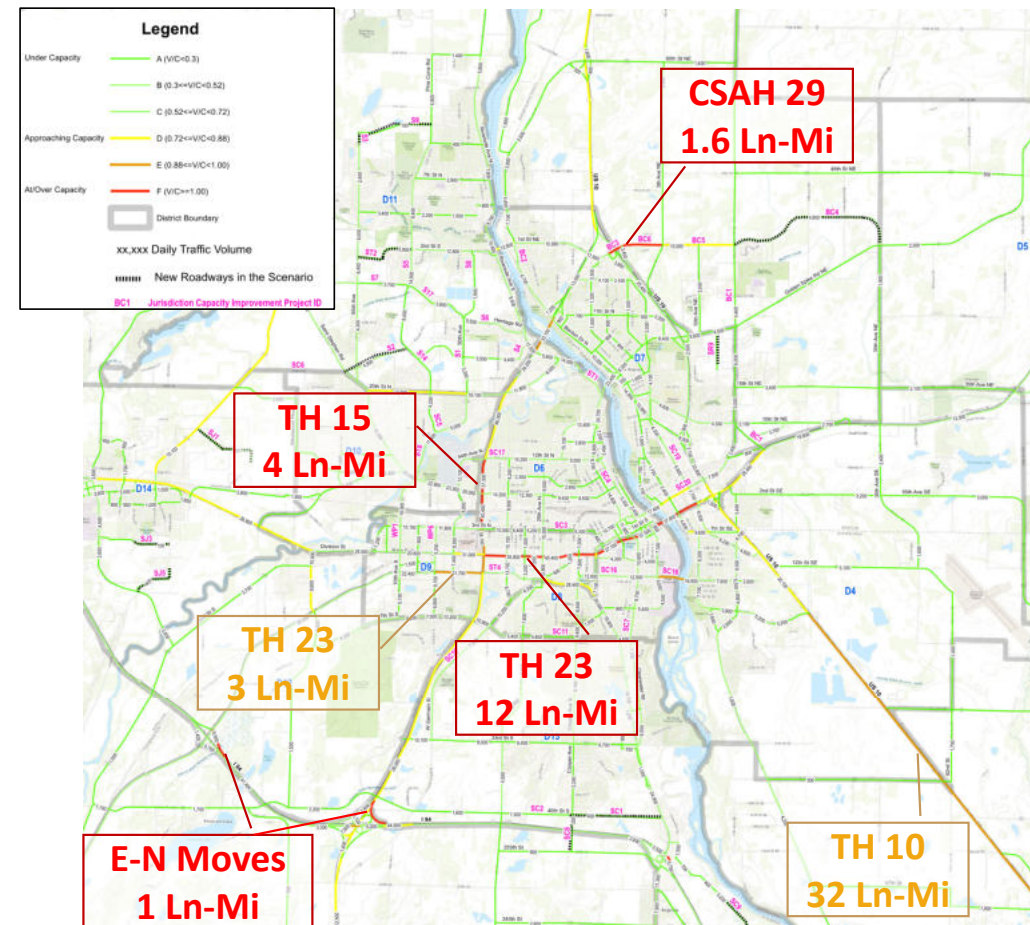
Network Lane-Miles At/Approaching Congestion

Lane-Mile LOS



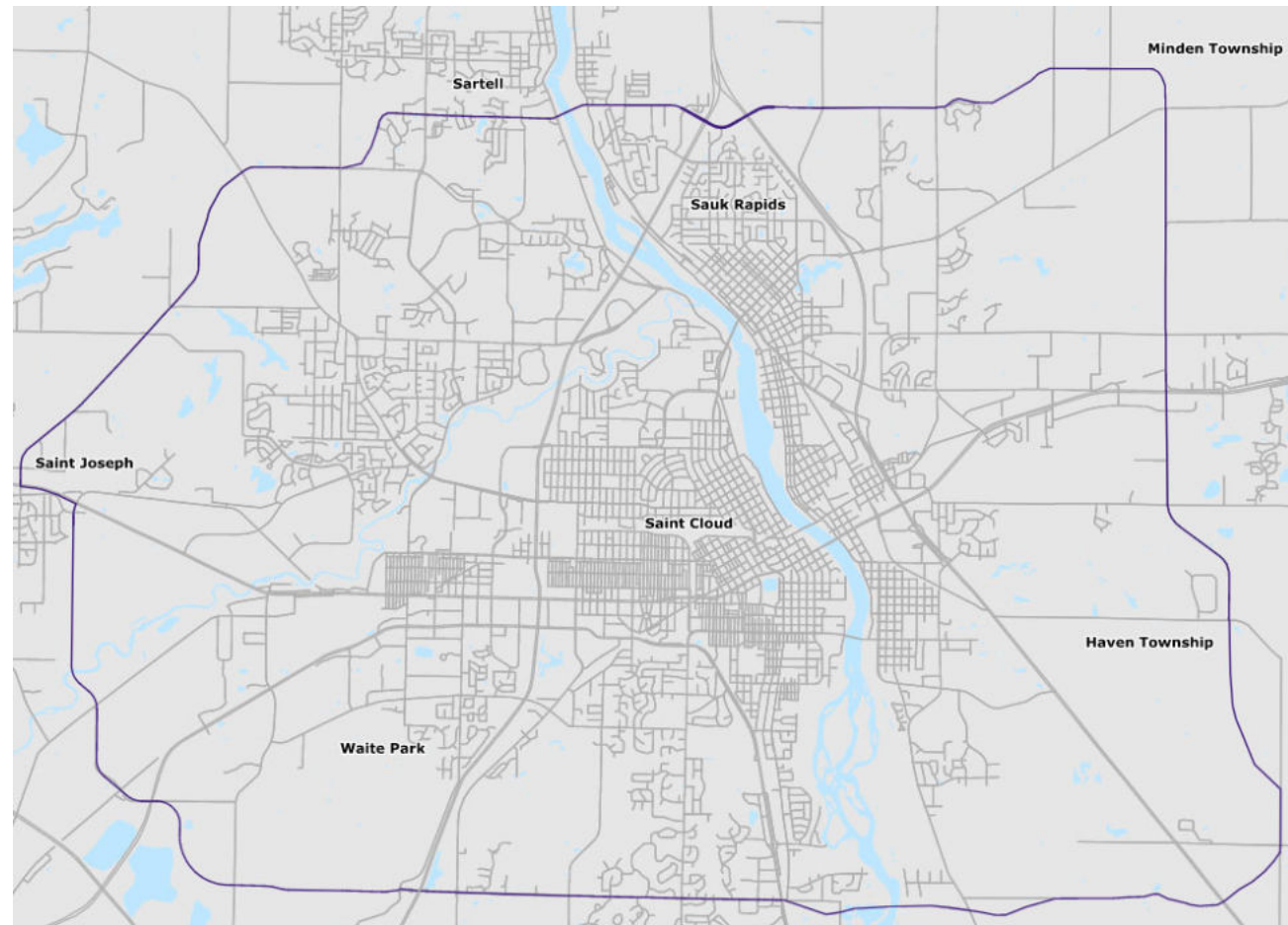
Stakeholder Refinement List

- Where is there congestion?
 - Centerline Miles of Congestion
- Where can improvements be made?
- Where can priorities be shifted?



Beltline Alignment

- Current Alignment Based On:
 - 2045 MTP
 - SW Beltline Study
 - 33rd Bridge Study





1040 County Road 4, Saint Cloud, MN 56303-0643

T. 320.252.7568 F. 320.252.6557

TO: Saint Cloud Area Planning Organization Technical Advisory Committee
FROM: Vicki Johnson, Senior Transportation Planner
RE: Draft Looking Ahead 2050 Visioning Themes
DATE: July 13, 2023

A Metropolitan Transportation Plan (MTP) is a long-range, multimodal, regional surface transportation plan that identifies a regional vision for transportation and the steps toward achieving that vision.

MTPs are a joint product of all individual jurisdictions within a metropolitan planning area (MPA) and represent a singular, agreed upon vision for the future of transportation within that region.

By Federal regulation, MTPs must have a planning horizon of at least 20 years and must be updated no less than every five years (or every four years if the region does not meet certain air quality standards).

Contained within the MTP are regional goals, objectives, and implementing strategies which assist MPA planners, engineers, and elected officials in achieving the region's vision.

Developing, maintaining, and updating a region's MTP is the primary responsibility of a Metropolitan Planning Organization (MPO). The Saint Cloud Area Planning Organization (APO) serves as the MPO for the urbanized area of Saint Cloud, Minnesota.

The APO's last MTP – [Metropolitan Planning and Programming: An Innovative Network Guide for 2045 \(MAPPING 2045\)](https://bit.ly/3DPUckt) (https://bit.ly/3DPUckt) – was adopted by the APO's Policy Board in October 2019.

Following the conclusion of that planning process, APO staff conducted an internal Strengths, Weaknesses, Opportunities, and Threats (SWOT) analysis to debrief the plan development process and the overall document.

During this internal meeting in December 2019, the APO's Executive Director noted one of the main weaknesses found within MAPPING 2045 was the lack of a cohesive vision for the region's transportation network. While MAPPING 2045 identified goals, objectives, and strategies for implementation – including infrastructure recommendations – the plan did not include an overarching transportation vision the Saint Cloud MPA wanted to achieve by planning horizon 2045.

To address this deficiency, APO staff sought to facilitate a community-wide visioning process as work began on the next update to the MPA's MTP. It was the intent of this process to understand the issues and priorities residents of the Saint Cloud MPA have regarding the regional transportation network.

Through the course of approximately two years, APO staff researched, developed, and conducted a visioning process. During this time, APO staff documented nearly 2,000 responses through a variety of means including both in-person and online engagement strategies. Each of these responses were recorded and categorized into six themes in which the public believes the region should be heading by planning horizon 2050.

The following is a list of those themes:

- System and Environmental Stewardship: Protecting and preserving our existing infrastructure and environmental assets.
- Multimodal Connections: Providing a safe and equitable multimodal transportation network affordable for people of all ages and abilities to travel using their preferred modal choice.
- Congestion Management: Mindfully planning, developing, and operating an innovative transportation network to minimize unnecessary travel delays.
- Transportation Safety: Reducing fatalities and serious injuries by planning, designing, and building safe infrastructure and improving driving behavior.
- Interregional Connections: Supporting an economically vibrant region through developing and preserving vital connections to other state, national, and global centers of commerce.
- Technological Advancements: Understanding and planning for future innovative transportation technologies and encouraging their presence and incorporation into the region's existing transportation network.

Each theme was constructed as a broad brushstroke. Details on how to go about accomplishing each visionary theme are designed to be addressed through the identification of goals, objectives, strategies, and performance measures.

In March 2022, APO staff took a preliminary version of the proposed visioning themes to the TAC for their review. No comments were made regarding this.

Throughout the remainder of 2022, APO staff continued to work on the draft existing conditions section as well as launched a second public engagement opportunity. This second public engagement period which ran from early December through January 2023 asked the public to weigh in if these six visioning themes should remain a priority for the region as APO staff moved into the latter half of the MTP development – including project identification.

During this second public input period, staffers received nearly 160 survey responses. In addition, staffers also hosted or participated in seven in-person meetings as well as held three focus groups with students from all three Boys and Girls Clubs of Central Minnesota locations. Overall, responses reaffirmed APO staff's proposed visioning themes.

Details of the entire visioning process including documentation of public input throughout this process can be found in Attachment E2.

Suggested Action: Recommend Policy Board approval of the Looking Ahead 2050 MTP Visioning Themes.

Looking Ahead 2050 A Vision for the Future

Introduction

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The APO is an association of townships, cities, and counties in the Saint Cloud urban area. The decision-making body of the APO is the Policy Board, which is comprised of elected officials from nine local government jurisdictions, as well as a representative from the Saint Cloud Metropolitan Transit Commission, better known as Metro Bus. Local government membership is comprised of three counties (Benton, Sherburne, and Stearns), five cities (Saint Cloud, Saint Joseph, Sartell, Sauk Rapids, and Waite Park), and one township (LeSauk). The townships of Brockway, Haven, Minden, Saint Joseph, Saint Wendel, Sauk Rapids, and Watab; as well as the cities of Saint Augusta, Rockville, and Saint Stephen are located within the designated APO planning boundary but choose not to participate as voting members on the APO Policy Board. Instead, those jurisdictions are represented through their respective counties. The Policy Board is responsible for adopting regional transportation plans, projects, and policies. All members of the Policy Board are represented by a single voting seat, except for the City of Saint Cloud, which has three.

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- **Technological Advancements:** Understanding and planning for future innovative transportation technologies and encouraging their presence and incorporation into the region's existing transportation network.

The purpose of this white paper is to describe the methodology used in developing the APO's transportation visionary themes. The document addresses the research APO staff conducted to design the visioning campaign, the variety of challenges staff encountered including the on-going COVID-19 global pandemic, and details on how APO staff executed the process. This white paper concludes with the next steps in how APO staff will utilize these themes as they move forward with the plan development of the 2050 MTP – Looking Ahead 2050.

Purpose of Visioning

"A vision is like a lighthouse, which illuminates rather than limits, giving direction rather than destination." – James J. Mapes, Foresight First.

Goals, objectives, and implementing strategies without an agreed upon desired destination or outcome are difficult to measure. Without a vision to serve as a guide (or road map) one is left making isolated decisions in the hopes that one day they will all seemingly work together. Simply put, without a vision, it is unclear what we are planning for.

A visioning process creates that road map. Goals, objectives, and implementing strategies serve as the GPS to assist a region in reaching the "final destination."

"The purpose of visioning is to create a shared base of understanding and generate policy direction for the future of a community. These processes commonly extend beyond

conventional transportation planning horizons and are intended to address the confluence of social, economic, educational, environmental, development, and transportation issues.” (Cambridge Systematics, Inc.)

The key to a successful visioning process is achieving buy-in from the community. “A visioning exercise creates a sense of ownership in community residents to the extent that they want to see their vision come to fruition over a period of years.” (Haines). Since transportation decisions impact everyone, a visioning exercise allows for the public to provide early input into the planning process and, ideally, help shape the end product.

“Visioning processes enable participants to reach a series of consensus decisions on a community’s present conditions and future trends, to agree upon a desired future or futures, and to develop a clear strategy for how to reach that desired future.” (Cambridge Systematics, Inc.).

APO Visioning Process Phase I

Research

Initial planning efforts for the visioning process began with a review of visioning documents and “how-to” references on conducting a community visioning process.

The following documents were consulted:

- [Planning for the Future: A Handbook on Community Visioning, Third Edition](https://bit.ly/3Htr0AE), by the Center for Rural Pennsylvania, 2006. (https://bit.ly/3Htr0AE).
- [Linking Community Visioning and Highway Capacity Planning – Strategic Highway Research Program 2 Report S2-C08-RR1](https://bit.ly/3hqEFxP), by Cambridge Systematics, Inc., 2012. (https://bit.ly/3hqEFxP).
- [Community Visioning Handbook](https://bit.ly/35Eqzq9), by Maine State Planning Office, 2003. (https://bit.ly/35Eqzq9).
- [Envision Missoula](https://bit.ly/3HB8I0E), by Wilbur Smith Associates, 2008. (https://bit.ly/3HB8I0E).
- [Preferred Blueprint Alternative](https://bit.ly/3pphUyM), by Sacramento Area Council of Governments, 2004. (https://bit.ly/3pphUyM).
- [Regional Transportation Public Opinion Survey: Valley InterArea Transportation](https://bit.ly/3HznAMF), by the Northwest Research Group, Inc., 2002. (https://bit.ly/3HznAMF).
- [The Transportation Vision Project – Everyone Moves. Everything’s Connected](https://bit.ly/3hP1o7b), by the Spokane Regional Transportation Council, 2010. (https://bit.ly/3hP1o7b).
- [A Guide to Community Visioning](https://bit.ly/3IEvy8C), by Gary Green, Anna Haines, and Stephen Halebsky, University of Wisconsin Board of Regents, 2000. (https://bit.ly/3IEvy8C).

From this literature review, APO staff was able to identify commonalities among various transportation visioning processes.

1. Visioning establishes “the dream” by soliciting input from as many different sources as possible, uncovering existing areas of broad agreement, and working collaboratively to develop consensus around those important issues or challenges where it does not yet exist.
2. It is community driven to the greatest extent possible and support staff should only intervene when necessary to facilitate community residents discussing aspirations among and between themselves.

3. Visioning processes are highly contextual and may look very different from community to community.
4. There are no “right” or “wrong” answers in visioning – it is about hopes and aspirations.
5. A good visioning process is very labor intensive and challenging to manage.
6. Because transportation can impact so many other areas of concern, such as economic development, equity, the natural environment, public health, and others, it may take some time to develop a broadly accepted vision for transportation as it relates to each of these other areas.

The Plan for Community Workshop Visioning

Based on this literature review, APO staff developed a draft visioning process roughly outlined below:

Using these common themes as guidance, APO staff developed a draft visioning process consisting of a survey, community workshops, and focus group discussions.

To kick off the process, APO staff would develop a public opinion survey on transportation. This survey would focus on the participants’ vision for transportation related to several areas of concern (i.e., urban growth, economic development, equity, the natural environment, public health, etc.). Public opinion would also be sought on various trends such as vehicle electrification and automated vehicles. This survey – which would not require specialized knowledge or experience to partake in – would be distributed as widely as possible and available for as long as possible to maximize participation.

APO staff would host a community workshop event after the conclusion of the survey period. APO staff would present current demographic data and trends along with results for the survey with the goal of developing draft vision statements for each individual area of concern. Participants would be asked to discuss and provide their own input on their transportation vision for the region within each area. Where necessary, working groups of participants would be established to dig deeper into an issue area to develop a draft vision statement. To ensure representation from a broad cross-section of the region, APO staff were prepared to hold several community workshops to accomplish draft vision statements.

Following the meeting(s), APO staff would support the working groups (if any) in developing draft vision statements. APO staff would analyze the community vision statements for challenges and areas of overlap or commonality. For example, several vision statements may suggest or include ideas such as expanding transit service or building more bike paths.

Once all draft vision statements were completed, a second round of community workshops would be held. APO staff would present all draft statements with the goal of combining these statements into one overarching transportation vision for the region. APO staff would assist workshop attendees by providing one or more examples based on staff analysis for participants to see how the individual statements could be combined into one.

If necessary, a third community workshop may be held to review the final draft vision statement.

The Reality - Executing the Community Workshop Visioning Process

At the end of 2019 and during the first quarter of 2020, APO staff developed a draft public opinion survey. This survey was distributed to members of the APO’s Technical Advisory

Committee (TAC) for review and comment. Overall, the comments received from TAC representatives were positive, however, some expressed concern about including questions related to land-use planning. It was discovered that historically the APO's involvement in land-use planning was not looked upon favorably. While APO staff were working to resolve the issues brought up by TAC representatives, the COVID-19 global pandemic hit.

Starting in March 2020, governmental bodies at the local, state, and Federal level declared peacetime states of emergency which, among many restrictions, prohibited in-person events. Without the opportunity to conduct the community-led workshops as outlined above, APO staff suspended the visioning process.

APO Visioning Process Phase II

In fall 2020 APO staff began work to salvage the region-wide visioning exercise. With COVID-19 gathering restrictions still in place, APO staff needed to adjust course to execute a visioning process.

Research

APO staff began researching transportation visioning strategies from across the country in the hopes of finding a model which, given the circumstances, could be replicated within time and budgetary constraints.

Boston, Massachusetts's comprehensive transportation plan [Go Boston 2030](https://bit.ly/3pcWILw) (https://bit.ly/3pcWILw) was the main framework from which APO staff sought to model a visioning campaign.

The City of Boston's visioning process centered around asking residents: "What's your question about getting around Boston in the future?"

"Listening to people's questions served as a way to understand the breadth of the issues, what people's diverse experiences are, and what individuals value most. Anyone can have a question, even if they do not see themselves as 'experts' on transportation planning." (Boston Transportation Department).

APO staff conducted an interview with Boston Transportation Department's Director of Policy and Planning Vineet Gupta on Oct. 2, 2020, to learn more about how the city executed their visioning process. During that interview, Mr. Gupta discussed Boston's visioning advertising campaign which was heavily supported through an external funding source. He provided APO staff with an insight into how the City of Boston sorted through the approximately 5,000 questions to develop themes. Finally, Mr. Gupta provided suggestions on how APO staff could replicate a similar effort on a smaller scale.

In addition to the City of Boston, APO staff contacted staff from [Growing Up Boulder](https://www.growingupboulder.org/) (https://www.growingupboulder.org/), a child and youth-friendly city initiative program through the University of Colorado Boulder's Community Design and Engagement Center (CEDaR). Growing Up Boulder's mission is to provide kids with the opportunity to offer their input on various issues that ultimately will have an impact on their daily lives.

"GUB engages children of all backgrounds to include their input in local government decisions, including on topics such as the design of affordable, sustainable housing, resilience planning, transit systems, parks and open space, and productive community dialogue." (Growing Up Boulder).

APO staff conducted an interview with GUB Education Director Cathy Hill on Oct. 28, 2020. During that interview, APO staff discussed with Ms. Hill the intent to launch a visioning question campaign and a desire to include young people in the planning process. Ms. Hill provided some suggestions based upon past GUB projects that APO staff could utilize to gain youth input. These suggestions included working closely with the local school districts to integrate this idea into a classroom project. Ms. Hill emphasized the importance of providing simple, clear expectations for young people and providing adequate follow-up to let them know their voices were heard.

Finally, APO staff reached out to Minnesota Department of Transportation's (MnDOT's) Policy Planning Director Hally Turner to understand how the state DOT was handling public engagement as the DOT was working to update the [Statewide Multimodal Transportation Plan \(SMTP\)](https://bit.ly/31gRRkv) (https://bit.ly/31gRRkv). The Nov. 18, 2020, interview focused primarily on discussing a variety of techniques MnDOT was deploying during their public engagement for the SMTP including a [Mode Libs](https://minnesotago.org/modelib/) (https://minnesotago.org/modelib/) game (based off the popular word game Mad Libs), targeted ads, post cards, and audio and video based online presentations. Ms. Turner provided APO staff with recommendations on developing a carefully crafted question to seek input and the importance of providing the public several ways and opportunities to provide input.

Looking Ahead 2050 Visioning Campaign

Developing the framework

Having completed the research portion in late 2020, APO staff had several internal meetings between November 2020 and June 2021 to discuss what the APO's visioning campaign would involve.

One of the first items APO staff did was to finalize the question which would become the crux of the visioning process. APO staff selected the following as the final visioning question:

What do you think needs to change about transportation?

However, staff quickly learned during a trial visioning outreach event on Oct. 7, 2020, at Independent Lifestyles, Inc. A Center for Independent Living that strictly providing the question without adding context quickly overwhelmed respondents. One of the main things APO staff wanted to avoid during the visioning process was providing prompts to respondents. APO staff wanted to specifically hear what community members felt was important. When provided with suggestions to consider, APO staff felt most individuals would simply parrot back these ideas.

To provide appropriate context to the visioning question without (hopefully) influencing the responses, APO staff composed the following paragraph to accompany all visioning material:

Transportation is important. Biking, walking, riding the bus, and driving help us get to where we need to go. But what about in the future? Help us LOOK AHEAD to 2050.

In addition, APO staff framed the visioning question as an opportunity for individuals to share their transportation stories. Supplementary questions included:

- What's working great right now?

- What's something that we definitely need to work on to improve your transportation experience both now and in the future (think within the next 20 years)?

SurveyMonkey was the primary tool APO staff used to receive responses from the public. In addition to English, APO staff also translated this survey into both Spanish and Somali – the two primary non-English languages spoken within the planning area.

Due to anticipated temporary staffing shortages in fall 2021 and the need to provide a minimum of 30 days of public input in accordance with the [APO's Stakeholder Engagement Plan \(SEP\)](https://tinyurl.com/yc3rmuvk) (<https://tinyurl.com/yc3rmuvk>), APO staff decided on an Aug. 9, 2021, launch date with a concluding date of Sept. 10, 2021. Upon the close of public comment, APO staff reviewed and categorized the responses between November 2021 and January 2022. From the categorization process – grouping similar comments together – APO staff were able to extract trends (themes) among responses. Another public comment period (launched Dec. 7, 2022, and concluded Jan. 31, 2023) was initiated with the intent to re-engage the public and provide assurances that we were applying their input into the transportation planning process. A final presentation to the APO's TAC – a committee of planners and engineers representing the local member governments and relevant agencies which is responsible for providing technical advice and guidance to the Policy Board and APO staff – and Policy Board occurred in **INSERT MONTH and MONTH**, respectively.

Marketing and Advertising the Initial Outreach

"Visioning efforts try to maximize the number of people participating in them by establishing effective participation strategies such as press releases, advertisements, and invitations to a broad set of community stakeholders. No one is excluded from visioning sessions, and everyone has an equal voice." (Haines).

Once APO staff developed the framework of the visioning campaign, staff turned their attention to marketing tools.

APO staff determined the best way to reach people, given the on-going COVID-19 global pandemic, was to deploy both online and in-person engagement tactics – with a heavy focus on the former.

To promote the SurveyMonkey, APO staff utilized the following tactics:

- The APO newsletter The Oxcart.
- Updates to the APO's website.
- The APO's FY 2022-2025 Transportation Improvement Program (TIP) surveys.
- Direct email.
- Social media.
- QR code.
- Sidewalk clings.
- Fliers.
- Press releases.

A detailed look at how APO staff utilized each of these tools can be found below.

The Oxcart

In October 2020 APO staff started a quarterly newsletter, The Oxcart, with the purpose of informing the community about work the APO was doing. APO staff distribute this newsletter to individuals who have provided their email addresses at various public engagement events

and to those organizations that have been identified as working with traditionally underrepresented populations (see the Demographics section of this white paper for more information). This newsletter is also published for a brief period on the homepage of the APO's website.

APO staff initially published information about the visioning process in the March 2021 edition of The Oxcart. This story involved informing the public of the APO staff's intent on launching a community-wide visioning campaign in 2021.

The June 2021 edition of The Oxcart was used as a "soft-launch" of the visioning campaign. This story invited The Oxcart subscribers to take part in the SurveyMonkey ahead of the formal launch to the campaign.

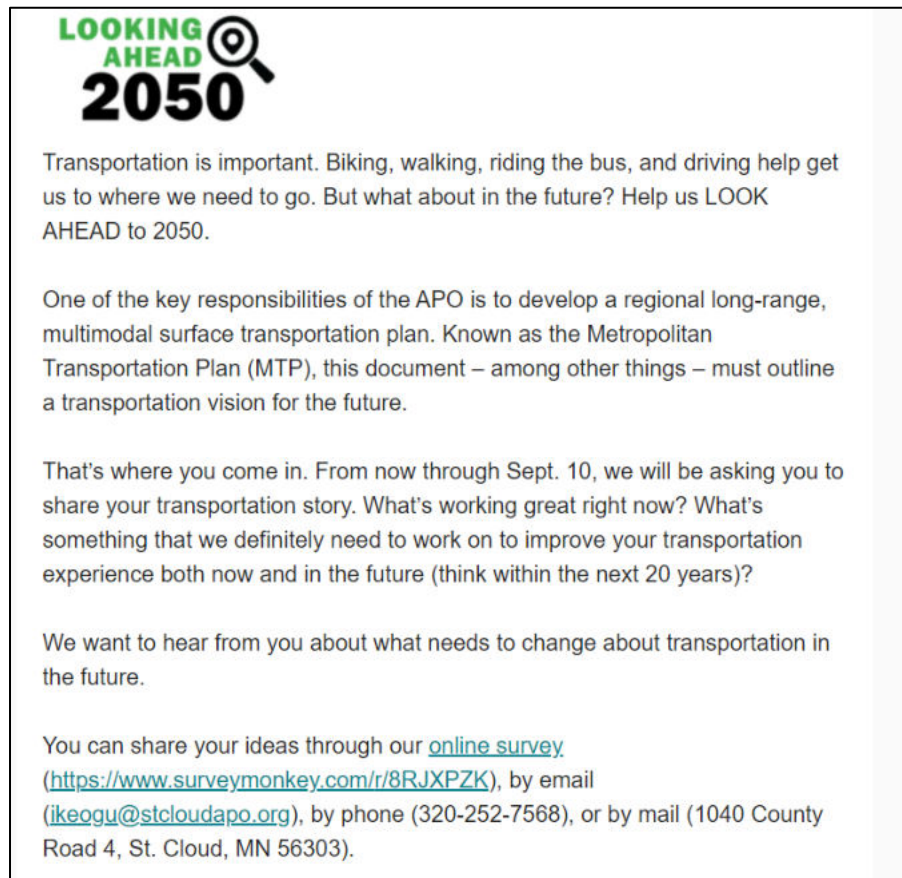


Figure X: A screenshot of the APO's soft launch to the Looking Ahead 2050 visioning campaign found in the June 2021 issue of The Oxcart.

The September 2021 issue of The Oxcart served as a reminder to subscribers that the visioning campaign was closing on Sept. 10. This short article once again provided a link to the SurveyMonkey and encouraged any last-minute responses to the visioning question.

Updates to the APO's Website

Early in the planning stages of the MTP, APO staff secured the domain lookahead2050.org. This webpage would route users to the APO's 2050 MTP update webpage and was designed to be a simpler and more direct entry point for internet users.

Prior to the release of the June 2021 edition of The Oxcart, APO staffers provided a series of website updates to the [2050 MTP webpage](http://lookingahead2050.org) (lookingahead2050.org). These updates included information about accessing the SurveyMonkey (which was updated again once translations were made available in both Somali and Spanish), an explainer on what Looking Ahead 2050 was, a progress report on what was currently being done to update the APO's MTP, and information on the various consultant contracts used to assist in the development of the updated MTP.

Once the visioning campaign was officially launched in August, APO staff created an announcement on the website's homepage and provided additional links to the SurveyMonkey on the website's Get Involved page.

The APO's FY 2022-2025 Transportation Improvement Program (TIP) Surveys

As part of the soft launch to the visioning process, APO staff also incorporated the visioning question as part of the public outreach related to the final draft of the APO's fiscal years [2022-2025 Transportation Improvement Program \(TIP\)](https://bit.ly/3N4DALI) (https://bit.ly/3N4DALI).



Figure X: The APO's FY 2022-2025 Transportation Improvement Program cover.

The TIP is a multi-year program of transportation improvements for the Saint Cloud MPA. This document, updated on an annual basis, reports how the various jurisdictions and agencies within the MPA have prioritized their use of limited Federal highway and transit funding.

Per Federal regulations and as outlined in the APO's SEP, the TIP must have a 30-day window in which the public can provide their comments. Developing surveys pertaining to the annual TIP update is one technique APO staff utilize to provide area residents the opportunity to engage in the transportation planning process.

As part of the APO's annual update to the TIP, the document was released for public comment starting on July 14, 2021, and concluding on Aug. 13, 2021. APO staff developed 11 surveys via SurveyMonkey as part of that process. Those surveys were developed for the agencies and/or jurisdictions with projects programmed into the TIP. The following agencies and/or jurisdictions had TIP surveys developed:

- Benton County.
- Sherburne County.
- Stearns County.
- City of Saint Cloud.
- City of Sartell.
- City of Sauk Rapids.
- Saint Cloud Metro Bus.
- MnDOT.
- WACOSA.
- ConnectAbility of Minnesota, Inc.

An overall TIP survey – incorporating all the proposed projects – was also developed.

In addition to the project specific questions, APO staff added a question pertaining to the visioning process. Twenty-seven people took part in at least one of the APO's 11 TIP specific surveys.

Direct Email

As mentioned above, APO staff maintain two email lists: one containing contacts for those who have expressed interest in being informed about APO planning activities and the other containing contacts for organizations/stakeholders who work specifically with traditionally underrepresented populations.

In addition to receiving copies of The Oxcart's March, June, and September issues, these individuals were directly emailed at the onset of the formal launch of the visioning process in August 2021. This email contained information on the SurveyMonkey and alternative ways to participate (phone, direct email to APO Senior Planner Vicki Johnson, or mailing address) in the process.

APO staff also provided email notification to the city and county administrators of member jurisdictions along with the LeSauk Township clerk to advertise the visioning process as part of their regularly scheduled meetings.

Email notification about the launch of the visioning process was also provided to members of the APO's Active Transportation Advisory Committee (ATAC); TAC; and Policy Board.

Social Media

The Saint Cloud APO primarily relies on two social media platforms: Facebook and Instagram.

During the official launch of the visioning process, APO staff created three Facebook posts and one Instagram post informing the public of the opportunity to provide comments.

Facebook

The first Facebook post was an animated PowerPoint video post highlighting the need for the public to check out lookingahead2050.org. This post had approximately 29 views as of mid-November 2021, but no engagement (likes, comments, shares).

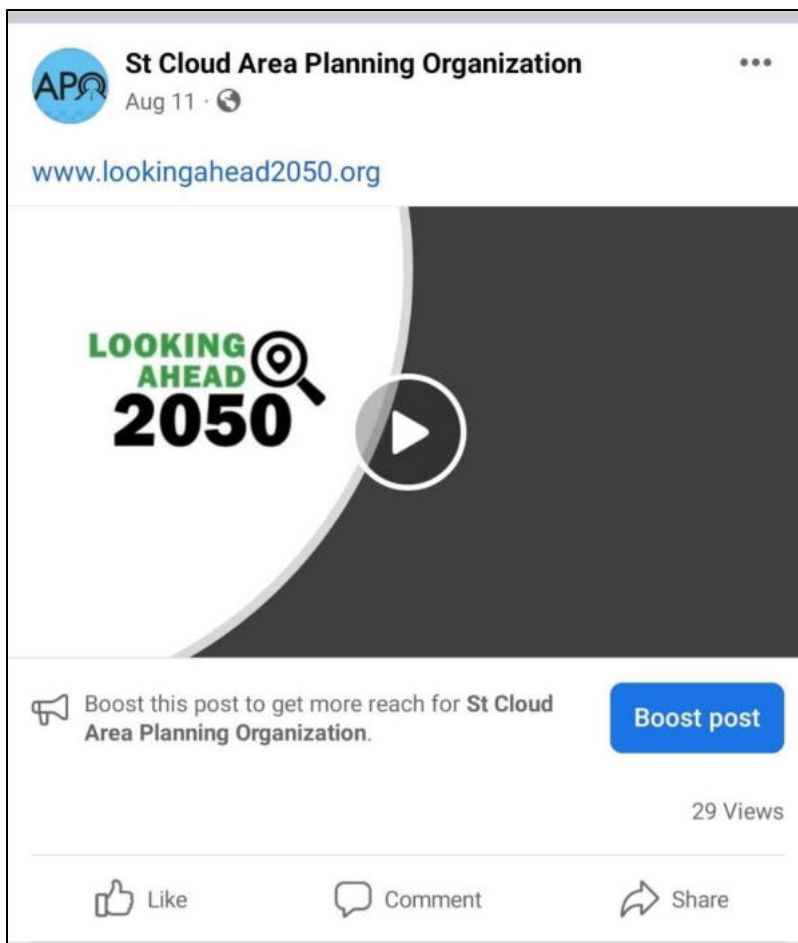


Figure X: Powerpoint Facebook post on the MTP visioning process from Aug. 11, 2021.

The second post, from Aug. 23, was a photo post with text directing the public to lookingahead2050.org to provide comments for the visioning campaign. This post was boosted (a paid advertisement promoting an existing post) for one week costing the APO \$100. This investment led to the post reaching approximately 946 people (the estimated number of people who had this post on their screen); having 11 engagements (someone reacting or commenting on the post); and 10 link clicks.



Figure X: MTP visioning Facebook post from Aug. 23, 2021.

The final post to Facebook occurred on Sept. 2, 2021. This was a photo post with links to the three SurveyMonkeys (English, Somali, and Spanish) reminding people the deadline for the visioning campaign was Sept. 10. This post had one share.

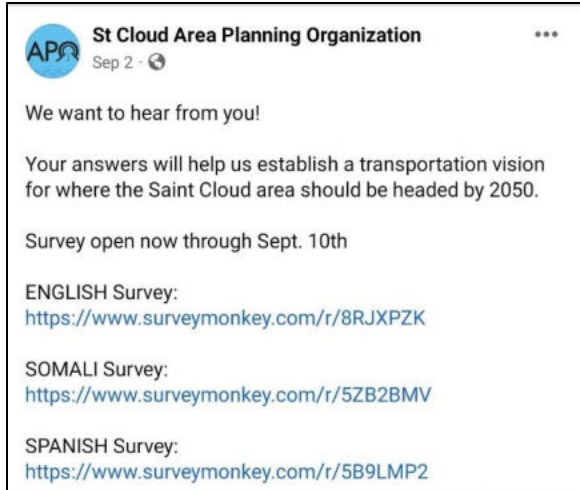


Figure X.X: MTP visioning Facebook post from Sept. 2, 2021.

Instagram

In addition to using Facebook, APO staff also created an Instagram post to promote the visioning campaign. On Aug. 13, APO staff posted about Looking Ahead 2050 and provided a link to the website where participants could take the survey.



Figure X.X: Photo of the Aug. 13, 2021, Instagram post.

QR Code

In addition to more traditional means of outreach, APO staff wanted to experiment with other forms of public engagement.

To begin this process, APO staff felt it necessary to develop a QR code that would be placed on advertising materials like sidewalk clings and fliers (for more information on these, please see the following sections). Once scanned by a mobile device, the QR code would direct users to the lookingahead2050.org webpage. This QR code was intended to be able to track where mobile phone scans of these codes occurred. However, due to technological issues with the QR code website, APO staff were unable to tell the geographic location of where these codes were scanned.

That said, the QR code metrics indicated 66 unique devices scanned the QR code during the visioning campaign. The metrics also indicated nearly 60% of users had Apple iOS operating systems.

Sidewalk Clings

During the update to [MnDOT's Statewide Pedestrian System Plan](https://bit.ly/3Iqe4Nx) (2019-2021), the state had utilized sidewalk/street decals to encourage participation in public outreach events. APO staff thought to replicate a similar initiative with the visioning process.

One of the main reasons for pursuing this new approach was an attempt to boost public participation among historically underrepresented populations (see the demographics section below). In previous outreach activities – particularly those using SurveyMonkey as

one tool – results from the optional demographic questionnaire have indicated that those who participate in APO outreach events are typically older, wealthy, white, and female.

Due to the ongoing COVID-19 pandemic APO staff were uncertain about hosting a lot of in-person public engagement events, especially those that would be able to reach most of our historically underrepresented populations. Because of this concern, APO staff sought to utilize targeted passive advertisements in neighborhoods with high concentrations of these demographic groups. Six areas were originally identified as places APO staff could place sidewalk clings – four in the City of Saint Cloud and two in the City of Waite Park.

An additional six areas were targeted for sidewalk clings based upon bicycle and pedestrian count data indicating heavy usage of shared use path facilities throughout the metro.



Figure X.X: Deployment of sidewalk clings at multiple locations across the metro.

However, due to an ordinance within the City of Saint Cloud prohibiting advertisements in public rights-of-way, APO staff were unable to place any clings within the city. Unable to place sidewalk clings in the city limits of Saint Cloud, APO staff resorted to distributing sidewalk clings in three locations within the remaining four municipalities. With permission, APO staff placed 12 sidewalk clings at the following locations:

- Lake Wobegon Trailhead in Saint Joseph.
- The intersection of College Avenue S and East Minnesota Street in Saint Joseph.
- The intersection of 12th Avenue SE and East Baker Street in Saint Joseph.
- The intersection of First Street NE and Fourth Avenue NE in Sartell.
- The intersection of 19th Avenue N and Grizzly Lane in Sartell.
- The Pinecone Road shared use path across from Sartell City Hall.
- The intersection of Eighth Street N and Sixth Avenue N in Sauk Rapids.
- The intersection of Summit Avenue and Second Street N in Sauk Rapids.
- The shared use path in Lions/Southside Park in Sauk Rapids.
- Second Avenue S by Park Meadows Apartments in Waite Park.
- Seventh Street S by Discovery Elementary School in Waite Park.
- River's Edge Park shared use path in Waite Park.

APO staff began the sidewalk cling process by developing a QR code linked to the lookingahead2050.org website. Clings were ordered with the QR code and were placed at 12 locations starting on Aug. 5.



Figure X.X: Looking Ahead 2050 sidewalk clings.

Throughout the visioning campaign, two Sauk Rapids sidewalk clings were removed by persons unknown – at Summit Avenue and Second Street N and Lions/Southside Park.

Fliers

APO staff together with Saint Cloud Metro Bus marketing staff developed fliers for the visioning campaign. These fliers, placed in the advertisement window behind the bus operators, appeared on all buses (approximately 70) from Aug. 16 through Labor Day. Like the sidewalk cling, these fliers also contained a QR code to the lookingahead2050.org website.

Press Releases

APO staff also relied on local media outlets to promote the visioning campaign. Press releases were distributed to the following outlets on Aug. 5, 2021:

- St. Cloud Times.
- AM 1240/FM 95.3 WJON.
- AM 1450/FM 99.3 KNSI.
- 88.1 FM KVSC.
- Sauk Rapids Herald
- Benton County News.
- Sartell-St. Stephen Newsleader.
- St. Joseph Newsleader.

Three news organizations – WJON, KNSI, and Sauk Rapids Herald – published information pertaining to the visioning campaign.

In-Person Engagement Events

In addition to the heavy online emphasis, APO staff conducted three in-person engagement events to encourage participation in the visioning process. The following is a summary of those events.

St. Cloud Area Chamber of Commerce

On Aug. 18, APO staff were invited to address members of the St. Cloud Area Chamber of Commerce's Government Affairs committee. This presentation included updated about upcoming transportation projects, a brief presentation on the southwest beltline study, and a short discussion on the APO's visioning campaign.

Hard copies of the APO's visioning survey were provided as handouts for participants.

Twenty-nine individuals were in attendance for this presentation. Two individuals completed the hard copy survey.



Figure X.X: APO Executive Director Brian Gibson presenting at the Chamber's Aug. 18, 2021, meeting.

Southside Boys and Girls Club

On Aug. 24, APO staff traveled to the Southside Boys and Girls Club (1205 Sixth Ave. S) to do an outreach activity with approximately a dozen kids ages 10-14 and several staff members. APO staff provided two maps containing a one-mile radius around the club and asked the kids to provide information about how they get to the club and if there were any problems along their commute.

In addition, these students and club staff were asked about what they would like to see happen with transportation in the future.

Metro Bus Rider Advisory Committee (RAC)

APO staff provided Metro Bus with information to be shared with members of the Rider Advisory Committee ahead of the Sept. 21 meeting. APO staff were unfortunately unable to attend this event in person/via WebEx due to staffing shortages, however, the Metro Bus Planning Manager briefed members on the process and provided copies of the paper survey.

One individual completed the hard copy survey.

Regional Household Travel Survey

One of the biggest advantages APO staff utilized during the visioning campaign was the Regional Mobility Survey. In calendar year 2021, the APO provided funding for a consultant-

led study that was designed to randomly sample households from across the Saint Cloud MPA and record their travel behavior. This survey was designed to shed light on the trip-making characteristics of the MPA such as:

- Trip purpose.
- Means of transportation.
- Travel time.
- Travel patterns for time of day/day of week.
- Vehicle occupancy.
- Trip lengths.
- Trip origins and destinations.

The purpose of this survey was to help inform the APO's travel demand model, another key component of the APO's MTP.

This first of its kind survey within the APO's planning area allowed APO staff to input questions specific to the region. Working with consulting firm RSG, Inc., APO staff was able to include the visioning question as part of the Regional Mobility Survey. This survey was distributed to approximately 52,000 households within the MPA between the end of September and mid-November.

Marketing for the Regional Mobility Survey was handled by RSG and RSG subcontractor SRF Consulting Group, Inc.

Approximately 850 households completed the entire survey, including the visioning question. In addition, RSG provided APO staff with additional responses for the visioning question from "incomplete" households – those households in which not every member completed their entire travel diary. While those "incomplete" households are not part of the final dataset that will be used to inform the APO's travel demand model, the responses to the visioning question have been incorporated into this process.

In total, over 1,000 responses to the visioning question were received through the household travel survey efforts.

Demographics

The [APO's Stakeholder Engagement Plan \(SEP\)](https://bit.ly/3pe0MLB) (https://bit.ly/3pe0MLB) states: "Title VI and other related regulations regarding non-discrimination and which establish the mobility needs of communities historically underrepresented must be considered in the APO planning process at the plan development, program, and project level."

The APO specifically defines the following demographic population subsets as being historically underrepresented:

- Black, Indigenous, and People-of-Color (BIPOC).
- Persons with low-income.
- People with disabilities.
- People with limited English-speaking capabilities.
- Households without access to a motor vehicle.
- Persons over the age of 65.
- Persons under the age of 18.

As per APO policy, an optional demographic questionnaire was included as part of the SurveyMonkeys created for both the FY 2022-2025 TIP public outreach (which included the

visioning question) and the Looking Ahead 2050 visioning survey. This questionnaire was also part of the paper surveys distributed at two of the three in-person engagement events.

The following is a breakdown of the demographic make-up of participants from those surveys.

Please note that completion of the demographic questionnaire is optional and number of responses may or may not be equivalent to the number of responses to the visioning question APO staff received.

Category	Total Survey Participant Responses	% of Total Survey Participant Responses	% of MPA 2020 Census Population
*Gender			
Male	45	54.2%	49.7%
Female	36	43.4%	50.3%
†Non-Binary	2	2.4%	0.0%
City of Residence			
Rockville	1	1.1%	1.7%
Saint Augusta	3	3.4%	2.5%
Saint Cloud	39	44.8%	49.3%
Saint Joseph	6	6.9%	5.0%
Saint Stephen	0	0.0%	0.6%
Sartell	18	20.7%	13.9%
Sauk Rapids	8	9.2%	9.9%
Waite Park	4	4.6%	6.0%
†Other	8	9.2%	N/A
Ethnicity			
White or Caucasian	78	91.8%	76.7%
Black or African American	3	3.5%	12.1%
Hispanic or Latino	0	0.0%	3.9%
Asian or Asian American	0	0.0%	2.6%
American Indian or Alaska Native	2	2.4%	0.4%
Native Hawaiian or Other Pacific Islander	0	0.0%	0.0%
Other	2	2.4%	4.1%
†Number in Household			
1 person	13	15.3%	30.6%
2 people	32	37.6%	34.4%
3 people	14	16.5%	14.8%
4 people	15	17.6%	N/A
5 people	6	7.1%	N/A
6 people	1	1.2%	N/A
7 or more people	4	4.7%	N/A
†Household Income			
Under \$10,000	2	2.5%	N/A

Category	Total Survey Participant Responses	% of Total Survey Participant Responses	% of MPA 2020 Census Population
\$10,001 to \$25,000	8	10.0%	N/A
\$25,001 to \$50,000	11	13.8%	N/A
\$50,001 to \$75,000	12	15.0%	N/A
Over \$75,000	47	58.8%	N/A
†Age			
Under 16	0	0.0%	N/A
17-25	5	6.0%	N/A
26-62	61	73.5%	N/A
63+	17	20.5%	N/A
*†Physical Disability			
Yes	11	12.8%	11.5%
No	75	87.2%	88.5%
*†Where Were You Born			
In the U.S.	85	98.8%	91.7%
Outside the U.S.	1	1.2%	8.3%
*†Primary Language Spoken at Home			
English	85	97.7%	88.4%
Something Other Than English	2	2.3%	11.6%

**Data courtesy 2016-2020 American Community Survey (ACS) Five Year Estimates.*

†The ACS Five-Year Estimates does not calculate this information in a way that allows for a direct comparison.

Figure X.X: Results from the APO's demographic questionnaire for all visioning surveys (sans household travel survey) compared to the population of various demographics within the Saint Cloud MPA. Population data courtesy of U.S. Census, Census 2020 and 2016-2020 ACS Five Year Estimates.

Demographic information was also collected as part of the regional household travel survey effort. However, as stated above, while the APO received a final dataset of just over 850 completed households, the number of responses to the visioning question came from a much larger pool of households -- households in which every member completed their travel diary ("completed households") and households in which not every member finished their travel diary ("incomplete households").

To protect the privacy of those households who participated in the survey, RSG did not provide APO staff with demographic information on those individuals who completed the visioning question. Rather, demographic information was provided to the APO only from those that completed the entire travel survey. Therefore, while the APO received over 1,000 responses to the visioning question, the demographics only reflect data from the "completed households."

City of Residence, Number in Household, Household Income, and Primary Language Spoken at Home categories were calculated based upon household response. The remaining categories were based upon individual responses.

For City of Residence, the household travel survey did not specifically identify the cities of Rockville, Saint Augusta, and Saint Stephen. Those responses are grouped together along with responses from townships within the MPA in the Other category.

For Household Income, the household travel survey income brackets were broken down different from how the APO collects this information. The breakdown ranges have been updated to reflect the way RSG collected the data. Because of this, a more direct comparison to the U.S. Census is possible.

For Age, the household travel survey age range breakdown differed from how the APO collects age data. The breakdown ranges have been updated to reflect the way RSG collected the data which also allows for a more direct comparison with the U.S. Census for those ages 25 and above. It should be noted the household travel survey was not provided to anyone under the age of 18 – data collected on those under 18 was done by an adult proxy. Thus, no information is available for that age bracket.

The question “Where were you born?” or something similar was not asked for as part of the household travel survey. Thus, no demographic data was collected.

Category	Total Survey Participant Responses	% of Total Survey Participant Responses	% of MPA 2020 Census Population
*Gender			
Male	445	52.6%	49.7%
Female	375	44.4%	50.3%
†Non-Binary/Other	7	0.8%	N/A
†Preferred Not to Answer	18	2.1%	N/A
City of Residence			
Rockville	N/A	N/A	1.7%
Saint Augusta	N/A	N/A	2.5%
Saint Cloud	333	52.2%	49.3%
Saint Joseph	28	4.4%	5.0%
Saint Stephen	N/A	N/A	0.6%
Sartell	92	14.4%	13.9%
Sauk Rapids	57	8.9%	9.9%
Waite Park	40	6.3%	6.0%
†Other	73	11.4%	N/A
†Outside of MPA	15	2.35%	N/A
Ethnicity			
White or Caucasian	729	86.3%	76.7%
Black or African American	22	2.6%	12.1%
Hispanic or Latino	23	2.7%	3.9%
Asian or Asian American	13	1.5%	2.6%
American Indian or Alaska Native	9	1.1%	0.4%
Native Hawaiian or Other Pacific Islander	0	0.0%	0.0%
Other	4	0.5%	4.1%

Category	Total Survey Participant Responses	% of Total Survey Participant Responses	% of MPA 2020 Census Population
†Don't Know	5	0.6%	N/A
†Preferred Not to Answer	40	4.7%	N/A
*Number in Household			
1 person	280	43.9%	30.6%
2 people	232	36.4%	34.4%
3 people	54	8.5%	14.8%
4 people	39	6.1%	N/A
5 people	22	3.4%	N/A
6 people	7	1.1%	N/A
7 or more people	4	0.6%	N/A
*Household Income			
Under \$15,000	70	11.0%	10.0%
\$15,001 to \$24,999	60	12.1%	8.8%
\$25,000 to \$49,999	154	31.0%	24.5%
\$50,000 to \$74,999	115	23.2%	18.3%
Over \$75,000	167	33.7%	38.4%
*Age			
†Under 18	N/A	N/A	N/A
†18-24	45	5.3%	N/A
25-64	500	59.2%	48.3%
65+	300	35.5%	13.7%
Physical Disability			
Yes	142	16.8%	11.5%
No	663	78.5%	88.5%
†Preferred Not to Answer	40	4.7%	N/A
Where Were You Born			
In the U.S.	N/A	N/A	91.7%
Outside the U.S.	N/A	N/A	8.3%
Primary Language Spoken at Home			
English	620	97.2%	88.4%
Something Other Than English	9	1.4%	11.6%
†Preferred Not to Answer	9	1.4%	N/A

*Data courtesy 2016-2020 American Community Survey (ACS) Five Year Estimates.

†The ACS Five-Year Estimates does not calculate this information in a way that allows for a direct comparison.

Figure X.X: Results from the APO's demographic questionnaire for all visioning surveys from the household travel survey compared to the population of various demographics within the Saint Cloud MPA. Population data courtesy of U.S. Census, Census 2020 and 2016-2020 ACS Five Year Estimates.

Analysis of results

Between December 2021 and January 2022, APO staff began sorting through responses. This process started by reviewing each unique comment and entering it into a word document. Responses containing multiple areas of concern (for example, a single response containing opinions on transit, bicycles, and potholes) were further broken down. This resulted in just over 1,800 unique responses.

Once entered in a word document, APO staff cut out each response and conducted a physical sorting exercise – grouping like responses into various categories/topics.

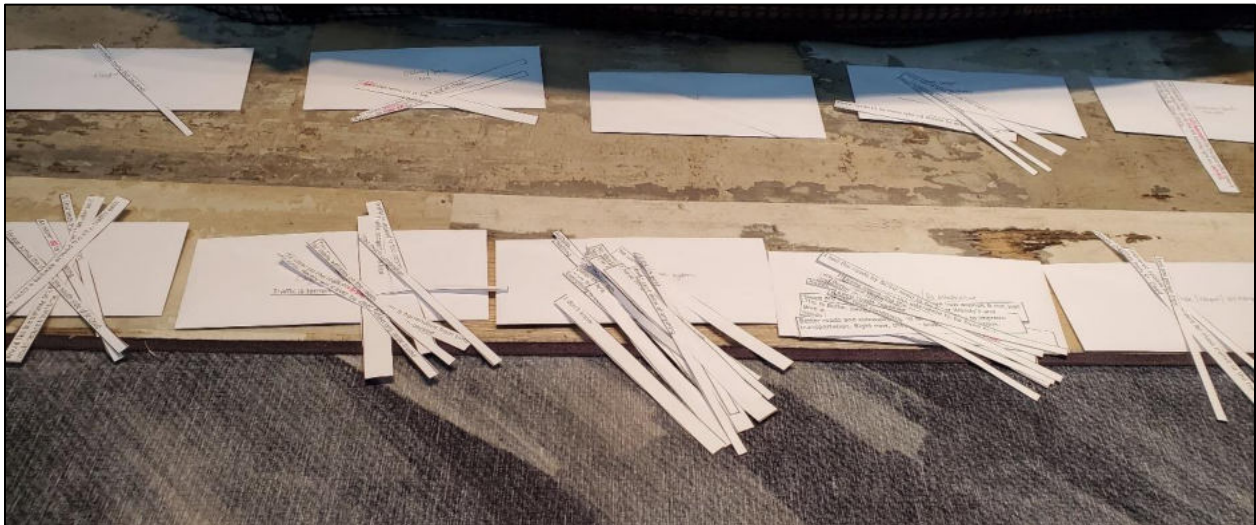


Figure X.X: MTP visioning responses being grouped into various categories/topics.

The following is a list of the preliminary categories and sample comments identified as part of the visioning process.

- **Freight:** "St. Cloud needs a better highway system for truckers going through major areas, roundabouts, or overpasses."
- **Bypass:** "I think we need that beltway the whole way around the area."
- **Driver Behavior:** "People being horrible drivers only gets worse in the winter. We need to fix this!"
- **Driver Behavior:** "Need better drivers."
- **EV/Climate:** "If electric vehicles are the future, then we need infrastructure for them."
- **Maintenance:** "Fix the roads. They are terrible."
- **Planning:** "We also need roads that are built for future growth instead of being 20 years too late."
- **Congestion:** "I try to avoid traveling through St. Cloud because of all of the traffic lights/congestion."
- **Affordability:** "Gas should be more affordable."
- **Minneapolis-Saint Paul:** "I believe that there needs to be a transportation system linking St. Cloud to Minneapolis/St. Paul to connect to the opportunities there."
- **Accessibility:** "More services for people with mobility issues."
- **Catch All Transportation:** "Creating of low-speed vehicle/golf cart lanes in low-speed zone areas."

- **Specific Roadways (Non-NHS):** "Intersection of 19th Avenue S in Sartell with County Road 4 and Pleasant Avenue is difficult to cross at busy times."
- **Specific Roadways (NHS):** "I think St. Cloud area needs to fix Division Street, it's a mess."
- **Ped/Bike:** "Prioritize bicycle and pedestrian infrastructure."
- **Traffic Flow:** "Better timing of lights for better traffic flow."
- **Transit:** "I would like to see more public transportation available in the region."
- **Train:** "Get the rail to St. Cloud."
- **Unknown:** "I think there is nothing that needs to be changed."
- **Miscellaneous:** "I need to get a car."

The preliminary categories of Ped/Bike, Traffic Flow, Transit, and Train were further broken down into subcategories. For example, under the broad category of Traffic Flow comments were further divided into the following subcategories: Roundabouts, Expansion, Traffic Signals, and Turn Lanes.

After the creation of preliminary categories, APO staff initiated another grouping exercise – this time with the intent to narrow down these categories into visionary themes. Each of the preliminary categories was individually reviewed to determine an overarching commonality. For example, under the Driver Behavior category many comments focused on poor driving behavior and a need for more enforcement of traffic laws.

Once an overall statement for each category was developed, staff began the process of assembling those statements into themes.

It is important to note not all categories were incorporated into the final visioning themes. The intent of the visioning process was to identify what a broad coalition of respondents had indicated were priorities for them about the future of transportation.

Each theme was constructed as a broad brushstroke. Details on how to go about accomplishing each visionary theme are designed to be addressed through the identification of goals, objectives, strategies, and performance measures.

As a result, the following visioning themes were identified:

- **System and Environmental Stewardship:** Protecting and preserving our existing infrastructure and environmental assets.
- **Multimodal Connections:** Providing a safe and equitable multimodal transportation network affordable for people of all ages and abilities to travel using their preferred modal choice.
- **Congestion Management:** Mindfully planning, developing, and operating an innovative transportation network to minimize unnecessary travel delays.
- **Transportation Safety:** Reducing fatalities and serious injuries by planning, designing, and building safe infrastructure and improving driving behavior.
- **Interregional Connections:** Supporting an economically vibrant region through developing and preserving vital connections to other state, national, and global centers of commerce.
- **Technological Advancements:** Understanding and planning for future innovative transportation technologies and encouraging their presence and incorporation into the region's existing transportation network.

APO staff presented the initial findings of the visioning effort to the APO's Technical Advisory Committee (TAC) at the March 31, 2022, regularly scheduled meeting. TAC representatives did not express concerns with the proposed visioning themes at that time.

Final Visioning Outreach

Marketing and Advertising

APO staff felt it critical to the planning process that the public understood their comments were heard and used during the visioning process. Similar to the Go Boston 2030 effort, APO staff set out once again to re-engage the community. This time, staffers presented the public input findings alongside data compiled during the development of the Looking Ahead 2050 existing conditions section. The public was then asked if each of the six visioning themes should remain priorities for the region as staffers moved into the next phase of the MTP development – project identification.

To capture responses, APO staff once again relied heavily on SurveyMonkey as the initial platform.

APO staff utilized the following tactics to distribute the survey:

- Handouts.
- The Oxcart newsletter.
- Updates to the APO's website.
- Direct email.
- Social media.
- Press releases.
- Community liaisons.
- WJON radio interview.

Handouts

In planning for in-person public engagement events, APO staff knew they wanted to provide and disseminate information on the six visioning themes. By providing something tangible, people who were interested in the visioning process, but did not have the time and/or want to engage in face-to-face interactions with staff would be able to learn more about the APO's planning efforts and participate in the online survey on their own time. APO staff developed handouts for each of the six proposed visioning themes. Each handout included the following information:

- The proposed visioning theme.
- Comments pertaining to the visioning theme from the first round of public engagement.
- Information about the data APO staff had consulted during the drafting of the existing conditions section of the MTP. The data presented on these handouts had some direct correlation to the proposed theme.
- A call to action – providing people the ability to share their feedback with APO staff as well as a QR code to the Looking Ahead 2050 website for more information.

These handouts were displayed at all in-person engagement events except for the Boys and Girls Club focus group sessions. Copies of these handouts can be found at the end of this white paper.

The Oxcart newsletter

The APO's quarterly newsletter, The Oxcart, featured information on the second visioning outreach in both the December 2022 and the January 2023 editions.

The December issue of The Oxcart previewed the APO staffer's anticipated public outreach period. It provided readers information on the proposed visioning themes and how to share their feedback with APO staff ahead of the official launch of the second outreach.

The January issue reminded subscribers of the APO's public outreach activities as well as let them know the deadline for completing the survey – or providing comments – was closing at the end of January.

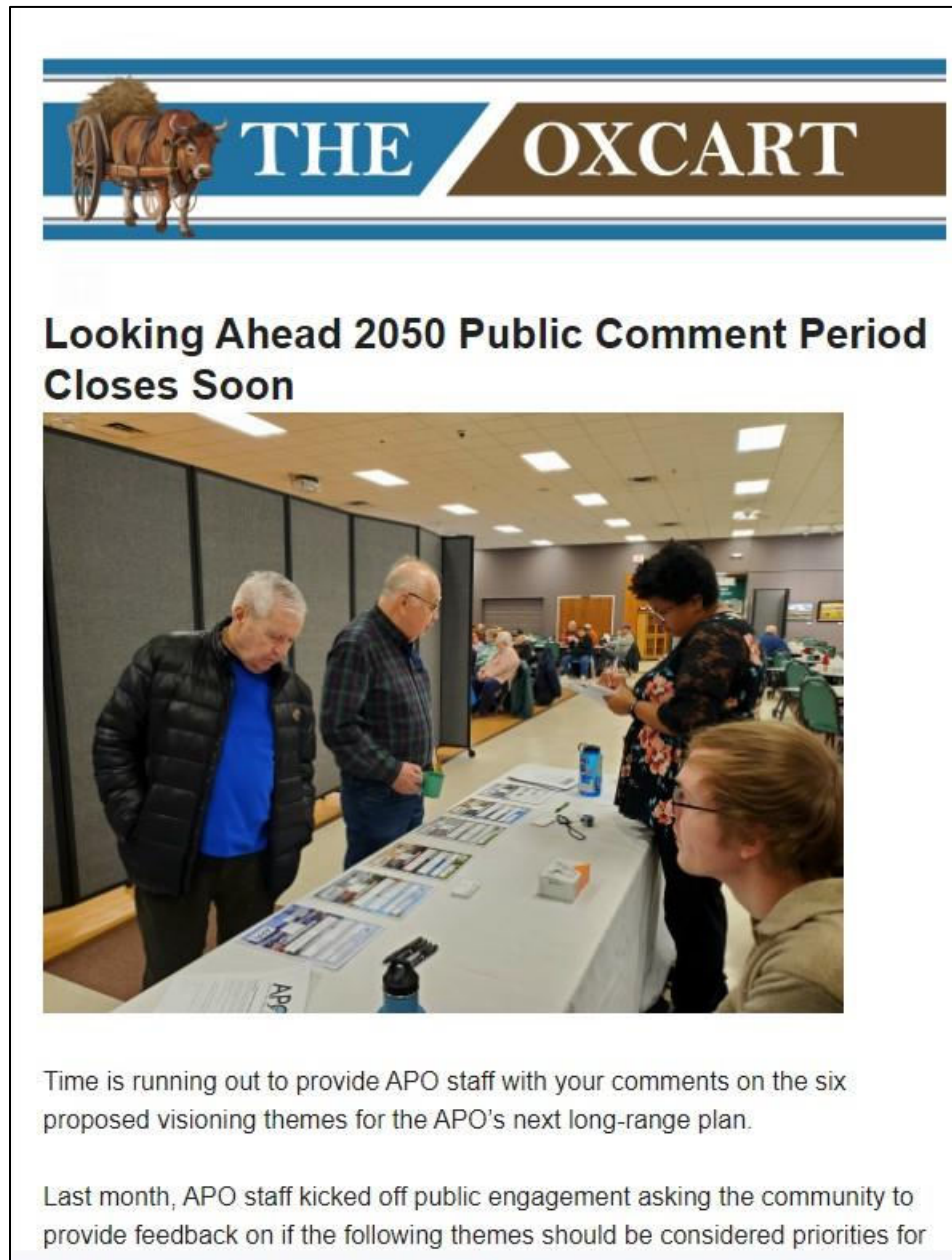


Figure X.X: Screenshot of the January 2023 edition of The Oxcart.

Updates to the APO's website

APO staff provided information on the visioning process's second public outreach on the APO's MTP website – lookingahead2050.org. These updates included information on each of the themes – taken directly from the handouts – along with links to data sources used by APO staff to assist in identifying these themes as priorities for the region. The website also included information on how the community could share their opinions – via SurveyMonkey, email, phone, or by mail.

Once the visioning campaign was officially launched in December, APO staff created an announcement on the website's homepage and provided additional links to the SurveyMonkey on the website's Get Involved page.

Direct Email

Similar to the initial visioning outreach, APO staff utilized the interested persons and interested stakeholders email contact lists to provide direct notification to those who either a) expressed an interest in the APO's planning work or b) work with transportation disadvantaged individuals. While these individuals also received a digital copy of The Oxcart, a separate email was also sent to them regarding the public engagement process for this second visioning outreach.

In addition to using the APO's existing email list, APO staff, as members of the Saint Cloud Area Human Services Council, were able to provide information on the visioning outreach efforts to a listserv of over 60 different organizations in the region. This email was sent in mid-December.

Social Media

Facebook and Instagram were once again used to promote the second visioning public engagement. During this outreach, three Facebook posts and one Instagram post were made to advertise the SurveyMonkey.

Facebook

The first Facebook post pertaining to the second visioning public outreach occurred on Dec. 19, 2022. This post contained a photo from the APO's in-person public engagement event at the Whitney Senior Center in Saint Cloud.



Figure X.X: Screenshot of the first Facebook post regarding the second public input opportunity for the APO's visioning process.

The second Facebook post outlined the specifics behind this public engagement opportunity. Published on Jan. 5, 2023, this post outlined the six visioning themes and provided a link to the APO's lookingahead2050.org website for people to learn more and participate in the online survey. This post received significant traction because it was boosted – APO staff paid \$100 for Facebook to distribute this post to a wider audience. With the boost, this post received approximately 32,292 impressions (the number of times this post was on screen for Facebook users) and reached approximately 10,370 Facebook accounts. This resulted in 149 people engaging with the post (five post reactions, one post save, one post share, and 142 people clicking on the link).

The final Facebook post was a Facebook Live video post published on Jan. 10. In this video, the APO Senior Transportation Planner provided an overview of the MTP along with providing details about each of the six visioning themes.



Figure X.X: A screenshot of the APO staff Facebook Live post from Jan. 10, 2023.

Instagram

In addition to the three Facebook posts, APO staffers created an Instagram post advertising the public engagement opportunity. The Instagram post was published simultaneously with Jan. 5, 2023, Facebook post.



Figure X.X: Screenshot of the Jan. 5, 2023, Instagram post on the MTP Visioning Process.

Press Releases

At the onset of the official launch to the second round of public engagement, APO staff distributed a press release to the following media partners in the region:

- AM 1450 KNSI.
- AM 1240 WJON.
- KVSC.
- St. Cloud Times.
- Sauk Rapids Herald/Benton County News.
- St. Joseph/Sartell-St. Stephen Newsleaders.

All media outlets except for the Newsleaders published the APO's press release.

Community Liaisons

Per Federal regulations, the APO must develop and maintain a [Unified Planning Work Program \(UPWP\)](https://stcloudapo.org/current-plans/current-upwp/) (<https://stcloudapo.org/current-plans/current-upwp/>). This document serves three primary functions:

1. To help implement the MTP by conducting the planning work necessary for achievement of the goals, objectives, and projects within it.
2. To coordinate planning work among and between the agency and jurisdictional members of the APO.
3. To provide transparent financial management of the APO.

Included as part of the 2022-2023 Special Studies and Contracts portion of the UPWP, the APO allocated \$5,000 to hire one and/or more community liaisons. Under this contract, APO staff would educate these liaisons on work APO staff was undertaking and then have these individuals from traditionally underserved/transportation disadvantaged populations conduct public outreach in their communities. The intent of this pilot project was to hire persons from within these various communities to carry the message of APO planning activities to their friends and neighbors. It was the belief that people would be more likely to participate in the planning process if they heard about it from someone they knew and trusted.

APO staff contracted with two different community organizations as part of this pilot program – Independent Lifestyles, Inc. A Center for Independent Living (ILICIL) and Center for Africa Immigrants and Refugees Organization (CAIRO). APO staff provided ILICIL and CAIRO staffers with copies of the APO's visioning survey and asked them to assist their clientele in completing the surveys. ILICIL was contracted to provide 70 completed surveys for \$3,150. CAIRO was contracted to provide 20 surveys for \$2,000, however, CAIRO staff was able to complete 26 surveys.

WJON Radio Interview

On Jan. 26, 2023, APO staff were invited to participate in a 20-minute radio interview with WJON radio host Kelly Cordes during her two-hour radio show "It Matters with Kelly Cordes." The APO Senior Transportation Planner provided listeners to Cordes's show with information on what the APO is and about the long-range transportation planning process. The radio interview referred listeners to the APO's lookingahead2050.org website to find out more information about the visioning process and how to get involved.

In-Person Engagement Events

During this final round of visioning public engagement, APO staff participated in/hosted 10 in-person engagement events throughout the MPA.

Saint Cloud 101

The City of Saint Cloud hosted an informational event at City Hall on Saturday, Oct. 29, 2022. Known as Saint Cloud 101, this program hosted by the city allows members of the community the opportunity to learn about different city departments and services. APO staff were invited to table at this event from 10 a.m. until noon. APO staff were able to engage with 13 individuals about the proposed visioning themes. It is important to note that this event was held prior to the official kick-off of public engagement. However, APO staff felt this was an important event to attend as well as a good opportunity to engage the community.



Figure X.X: Photo of the APO's table at the October 2022 Saint Cloud 101 event.

Saint Cloud Area Human Services Council Meeting

APO staff attended the regularly scheduled meeting of the Saint Cloud Area Human Services Council on Thursday, Dec. 8. During this meeting, APO staff were able to introduce the visioning process and public engagement opportunities at the start of the meeting. Approximately 30 people were in attendance.

City of Saint Cloud Whitney Senior Center

APO staff were able to set up a booth at the City of Saint Cloud's Whitney Senior Center. The event, held from 9:30 a.m. until noon on Monday, Dec. 19, 2022, allowed APO staff the ability to reach out to older adults from across the region. Staff were also able to conduct

one-on-one or small group interviews with seniors. APO staff had 30 people stop by the table to engage with them.



Figure X.X: APO Senior Transportation Planner Vicki Johnson (far left) talking about transportation issues with a group of seniors at the Whitney Senior Center.

Saint Cloud Metro Bus Rider Advisory Committee (RAC)

APO staff were able to present to members of the Saint Cloud Metro Bus Rider Advisory Committee (RAC) at their Dec. 20, 2022, meeting. APO staff were able to provide RAC members with an overview of the APO as well as discuss each of the visioning themes. Staff were able to talk with seven individuals – including both the Metro Bus Planning Manager and Chief Executive Officer.

CAIRO

Prior to assisting APO staff with the community liaison work, APO staff met with CAIRO staff. This initial meeting was to inform CAIRO staff about the work the APO does and to determine strategies that would be best suited to reach their clientele – primarily East African individuals. Two staffers from CAIRO also shared with APO staff their feedback on the visioning process.

Saint Cloud Library

APO staff provided members the opportunity to discuss the visioning process and proposed themes at an open house held from 10:15 a.m. to 12:15 p.m. on Wednesday, Dec. 21 at the Great River Regional Library's Saint Cloud branch. No one attended this event.

Metro Bus Downtown Transit Center

Saint Cloud Metro Bus allowed APO staff to set up a table and engage with transit riders at the Downtown Transit Center. This event was held from 10 a.m. to noon on Monday, Jan. 9. APO staff were able to talk with 10 people.

Boys & Girls Clubs of Central Minnesota Focus Groups

To engage young people (those under 18) in the transportation planning process, APO staff once again hosted a small, focus group activity partnering with the Boys and Girls Clubs of Central Minnesota. Like the first round of public engagement, APO staff prepared maps containing a one-mile radius around each of the Boys and Girls Clubs – Roosevelt, Southside, and Eastside. From there, APO staff held discussions with the kids about how they travel in and around their neighborhood. APO staff also provided a very brief overview of the visioning themes to start conversations with students. The primary role APO staff did with these focus groups was to listen to and record thoughts and concerns kids had regarding their transportation experiences.

Roosevelt Boys and Girls Club

APO staff conducted a focus group with approximately 10 students from the Roosevelt Boys and Girls Club. The event was hosted from 3:30 to 5 p.m. on Wednesday, Jan. 11. Students who participated were between grades five and 10.

Southside Boys and Girls Club Focus Group

APO staff were at the Southside Boys and Girls Club from 4 to 5:30 p.m. on Tuesday, Jan. 17. This focus group was with six students and the center director for the Southside club. Students who participated were in grades six through eight.

Eastside Boys and Girls Club Focus Group

APO staff sat down with 13 students at the Eastside Boys and Girls Club on Thursday, Jan. 19. The event, held from 3:45 to 5 p.m., involved conversations with students in grades six through 10.



Figure X.X: APO staff leading a focus group discussion with kids at the Eastside Boys and Girls Club.

Demographics

As part of every survey conducted by the APO, staff include an optional demographic survey for participants to complete. As stated earlier, the demographic component assists APO staff in understanding who is participating in APO public engagement events. In addition, the demographic section is also used by APO staff to evaluate areas in which staffers need to invest additional time and resources in order to ensure all members of the community are represented in the transportation planning process. Like the first round of public engagement, this second outreach also included the optional demographic questionnaire.

The following is a breakdown of the demographic make-up of survey participants.

Please note that completion of the demographic questionnaire is optional, and the number of responses may or may not be equivalent to the number of responses to the visioning question APO staff received.

Category	Total Survey Participant Responses	% of Total Survey Participant Responses	% of MPA 2020 Census Population
*Gender			
Male	58	37.7%	49.7%
Female	93	60.4%	50.3%
†Non-Binary/Other	3	1.9%	N/A
City of Residence			
Rockville	1	0.7%	1.7%
Saint Augusta	1	0.7%	2.5%
Saint Cloud	72	47.1%	49.3%
Saint Joseph	21	13.7%	5.0%
Saint Stephen	0	0.0%	0.6%
Sartell	13	8.5%	13.9%
Sauk Rapids	16	10.5%	9.9%
Waite Park	12	7.8%	6.0%
†Other	17	11.1%	N/A
Ethnicity			
White or Caucasian	114	75%	76.7%
Black or African American	31	20.4%	12.1%
Hispanic or Latino	3	2.0%	3.9%
Asian or Asian American	1	0.7%	2.6%
American Indian or Alaska Native	0	0.0%	0.4%
Native Hawaiian or Other Pacific Islander	0	0.0%	0.0%
Some Other Race	2	1.3%	0.3%
Two or More Races	1	0.7%	3.9%
*Number in Household			
1 person	38	24.8%	30.6%
2 people	50	32.7%	34.4%
3 people	21	13.7%	14.8%
4 or more people	44	28.8%	20.3%
*Household Income			
Less than \$5,000	8	6.4%	2.7%
\$5,000 to \$9,999	3	2.4%	2.9%
\$10,000 to \$14,999	7	5.6%	4.4%
\$15,000 to \$19,999	8	6.4%	3.8%
\$20,000 to \$24,999	9	7.2%	5.0%
\$25,000 to \$34,999	12	9.6%	10.0%
\$35,000 to \$49,999	13	10.4%	14.5%
\$50,000 to \$74,999	19	15.2%	18.3%
\$75,000 to \$99,999	19	15.2%	13.8%
\$100,000 to \$149,999	18	14.4%	13.7%
\$150,000 or more	9	7.2%	10.9%

Category	Total Survey Participant Responses	% of Total Survey Participant Responses	% of MPA 2020 Census Population
*Age			
Under 19	0	0.0%	26.6%
20 to 24	3	2.0%	11.4%
25 to 29	10	6.7%	7.7%
30 to 34	11	7.4%	6.7%
35 to 39	16	10.7%	6.2%
40 to 44	17	11.4%	5.8%
45 to 49	18	12.1%	5.3%
50 to 54	15	10.1%	5.6%
55 to 59	17	11.4%	5.5%
60 to 64	16	10.7%	5.5%
65 to 69	14	9.4%	4.4%
70 to 74	7	4.7%	3.2%
75 to 79	4	2.7%	2.4%
80 to 84	1	0.7%	1.6%
85 and over	0	0.0%	2.1%
Physical Disability			
Yes	45	29.8%	11.5%
No	106	70.2%	88.5%
Where Were You Born			
In the U.S.	128	83.7%	91.7%
Outside the U.S.	25	16.3%	8.3%
Primary Language Spoken at Home			
English	132	86.3%	88.4%
Something Other Than English	21	13.7%	11.6%

*Data courtesy 2016-2020 American Community Survey (ACS) Five Year Estimates.

†The ACS Five-Year Estimates does not calculate this information in a way that allows for a direct comparison.

Figure X.X: Results from the APO's demographic questionnaire for the second round of visioning public input compared to the population of various demographics within the Saint Cloud MPA. Population data courtesy of U.S. Census, Census 2020 and 2016-2020 ACS Five Year Estimates.

Analysis of Results

During this second round of public engagement, approximately 160 surveys and approximately 120 one-on-one/small group in-person discussions were completed. For those who completed either the online or paper survey, most of the responses indicated each of the visioning themes should continue to remain a priority for the region.

Theme	Regional Priority	Not a Regional Priority	Unsure
System and Environmental Stewardship	132	11	15
Multimodal Connections	140	6	12
Congestion Management	131	10	18
Transportation Safety	140	6	12
Interregional Connections	105	13	41
Technological Advancements	114	16	28

Figure X.X: Results of the APO's visioning theme survey.

When asked to rank each of these themes in order of importance, Transportation Safety was identified as the most important.

Priority Ranking	Theme
1	Transportation Safety
2	Multimodal Connections
3	System and Environmental Stewardship
4	Congestion Management
5	Technological Advancements
6	Interregional Connections

Figure X.X: Community priority ranking of the APO's visioning themes.

As part of this second visioning public engagement process, APO staff provided community members the opportunity to tell APO staff if they felt staff were missing something when it came to identifying regional priorities. APO staff received just over 70 responses to this portion of the online survey. This, also coupled with the in-person comments and feedback APO staff received is fully documented at the end of this white paper. In summary, many of these comments further reiterated the importance of each of these transportation visioning themes.

Conclusion

After identifying the lack of a clear vision for the Saint Cloud MPA's future transportation network during the development of the previous MTP, APO staff sought to rectify this issue with a community visioning process. Hampered by the effects of the COVID-19 global pandemic, APO staff worked to create a visioning campaign which provided members of the public an opportunity to voice their opinions about the current network and share with staffers their thoughts about the future.

Through the development of an online survey and strategic online and in-person marketing, coupled with the regional household travel survey, APO staffers were able to solicit approximately 2,000 responses to the question: "What do you think needs to change about transportation?"

By carefully sorting through each response, APO staffers were able to group similar answers together. Certain commonalities among each of these responses soon became apparent. After the initial review and analysis, APO staffers proposed six visioning themes based on public input. These themes were:

- **System and Environmental Stewardship:** Protecting and preserving our existing infrastructure and environmental assets.
- **Multimodal Connections:** Providing a safe and equitable multimodal transportation network affordable for people of all ages and abilities to travel using their preferred modal choice.
- **Congestion Management:** Mindfully planning, developing, and operating an innovative transportation network to minimize unnecessary travel delays.
- **Transportation Safety:** Reducing fatalities and serious injuries by planning, designing, and building safe infrastructure and improving driving behavior.
- **Interregional Connections:** Supporting an economically vibrant region through developing and preserving vital connections to other state, national, and global centers of commerce.
- **Technological Advancements:** Understanding and planning for future innovative transportation technologies and encouraging their presence and incorporation into the region's existing transportation network.

Through the development of the existing conditions section of the MTP, APO staff were able to collect and analyze transportation data which ultimately reinforced the public's opinions on the proposed regional priorities.

APO staffers then initiated a second round of public engagement – this time asking the community if these priorities a) were representative of what was said during the initial public engagement process and b) should remain as staffers move into the next phase of MTP development.

Results from the second round of engagement confirmed these priorities, as identified, should remain as the APO continues with the MTP development.

The visioning themes will be an integral part of the long-range planning process. These themes will become the basis of the goals and objectives of the MTP as well as points of consideration used by agencies and jurisdictions as they identify and consider future infrastructure projects for the region. It is the hope that these themes will continue to serve as a guiding compass for the region as we Look Ahead to 2050.

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Public Comment Disposition Matrix

APO staffers conducted public outreach surrounding the APO's proposed visioning themes from October 2022 through January 2023. The following is a list of comments received during this outreach as well as APO responses to them. For comments from the online/paper survey, survey takers were asked: "As it pertains to the six proposed visioning themes, is there anything APO staff missed?" For in-person events, these comments were noted from the interaction between the public and APO staffers. Please note some of these comments have been condensed for brevity. In addition, comments featuring a similar thought have been grouped together.

Comment	Where Comment Was Received	Number of Similar Responses	APO Staff Disposition
No or N/A	Survey	40	APO staff appreciates the time community members took to participate in the visioning process. Staffers are also glad these participants did not feel APO staff neglected anything.
Bus service; improving public transportation	Survey	5	Urban transit service continues to be an area of importance for the APO. During the initial public outreach, an abundance of comments were received pertaining to improving the existing transit system (i.e., more routes, expanded service area, more frequent service, etc.) Under the proposed Multimodal Connections theme, the APO wants to ensure that the future of regional transportation provides for a safe and equitable multimodal transportation network. This includes supporting public transit as a modal choice.
Saving taxpayer \$; evaluating low cost options	Survey	1	APO staff are sensitive to the fact that infrastructure is a sizable investment made using taxpayer dollars. It is precisely why the APO is committed to long-range transportation planning. With a solid planning effort – including issues identification and travel demand modeling/forecasting – the APO wants to ensure that public investment is being spent responsibly in areas of greatest need.
Affordability; gas prices	Survey	3	During the initial public input opportunity on the visioning process, APO staff received several comments from the community surrounding the need to have affordable transportation options for people. While it is difficult for the APO to have a direct influence on the costs of transportation, the APO is committed to preserving transportation options including, but not limited to, transit; walking; biking; and personal vehicles. This is addressed under the proposed Multimodal Connections theme.
Improve accessibility to the airport	Survey	1	APO staff understand the importance of ensuring reliable and efficient interregional connector transportation options including the airport (both Saint Cloud and Minneapolis-Saint Paul). The proposed Interregional Connections theme stresses the importance of these interregional connections to the overall economic vitality of the region as well as for individuals who live or work in the MPA.
Improve relationship between drivers and law enforcement	Survey	1	APO staff appreciate the comment; however, this is outside of the scope of work APO staff can tackle.
Carbon emissions; global warming	Survey	1	APO staff understand the impacts the transportation sector has on the environment. Per the latest Federal transportation authorization act – the Infrastructure Investment and Jobs Act (IIJA) – the APO will need to work on addressing the issues transportation has on particularly greenhouse gas (GHG) emissions. APO staff are currently awaiting further guidance from U.S. Department of Transportation (DOT) as well as the Federal Highway Administration (FHWA) as to the exact role the APO will play in this process.
Language appreciate; non-English speaking passengers to get suitable transportation; assistance for accessibility/adaptive individuals who need assistive and/or adaptive equipment; inclusion of people with disabilities	Survey	4	APO staff understand that the population within the planning area is changing. This is why the APO is committed to ensuring engagement opportunities in the transportation planning process are available to all those who are interested. To do so, APO staff has piloted a Community Liaison program with the intent to specifically seek out the thoughts/opinions of those who typically do not engage with APO related activities. In addition, it is critical that everyone in the region has access to the transportation mode of their choice regardless of ability or language barrier. This is discussed in further detail under the proposed Multimodal Connections theme. While it is broad, these visioning themes are intended to take on a more overarching approach. Once we have that vision our next step is to develop goals, objectives, strategies, and performance measures that ideally will aid us in achieving that broad regional vision.
More roads	Survey	1	APO staff are unsure what is meant by "more roads" and if the commenter is referring to building more roads as a means to handle new development/economic growth or as a means to handle/mitigate congestion.
Ticketing speeders; work with law enforcement to get incompetent drivers off the road; lowering speed limits	Survey	3	During the initial round of visioning public engagement, APO staffers heard a good deal of comments from the public regarding speeding and overall driver behavior. While a majority of this work cannot be done by the APO, the APO will continue to support making a transportation network that is safe for all users – as proposed under the Transportation Safety visioning theme.

Comment	Where Comment Was Received	Number of Similar Responses	APO Staff Disposition
Suggested improvements for MN 23, US 10, I-94, CSAH 75, and MN 15. These improvements include overpasses, adding additional lanes, replacing traffic signals with roundabouts or better timing traffic signals, and bypassing the core metro	Survey	4	It is a well understood problem that the region's heaviest traveled corridors (i.e., I-94, US 10, MN 15, MN 23, and CSAH 75) tend to experience a perceived congestion problem. While the data (found in the Existing Conditions section of the MTP) does not necessarily indicate a severe congestion problem on many of these corridors, the traveling public has expressed concerns regarding commuting on these roadways especially during peak travel periods. To address this issue, the Congestion Management visioning theme has been proposed as a means to ensure mindful planning and development of the transportation network in order to minimize unnecessary travel delays.
We need to utilize our river ... and as we do so, we will bring into our city tourism and visitors. So when planning for the future, we need to think like a regional hub – a destination center along the lines of Duluth. Bring people in ... Be ready to handle the influx ... Stop thinking like we have for the last few decades. St Cloud is not going back to the good old days. And as much as some would like to see us revert, we aren't and couldn't if we tried. Think differently	Survey	1	APO staff appreciate the thought that went into this comment. The Saint Cloud Metropolitan Planning Area is a regional hub. And to ensure that continued growth and economic vitality alluded to by this commenter, it is critical to plan – long term – the transportation infrastructure network. The region is growing and changing and it is important that our transportation network continues to meet the current demands as well as future demands of our metro. This focus on setting up the region to be a destination center is addressed in the proposed Interregional Connections proposed visioning theme. As to the comment pertaining to the Mississippi River – the APO is aware of the benefits the river has to the region – both from an economic standpoint (i.e., tourism) as well as an environmental standpoint. It is imperative that any transportation infrastructure planning considers the possible impacts on the natural environment. Protecting our environmental assets has been identified under the System and Environmental Stewardship theme.
Don't create replacement wetlands that expose groundwater that was otherwise clean and pure. Don't create dead cattail wetlands like i94 creation did	Survey	1	APO staff understand the implications transportation can have on the natural environment. This is why the APO's MTP includes a section on the environment and discusses its relationship with transportation. The APO is committed to being good stewards of the natural environment and has thus proposed the System and Environmental Stewardship theme as part of our long-range planning vision.
I think APO staff are doing a wonderful job of reviewing all of the submissions and inquiries for future planning. Keep up the fantastic work!	Survey	1	APO staff appreciate the comment.
When it comes to transportation in a mid-west metro/town access to regular reliable transportation is key. Cold weather means that transportation options switch and the number of cold weather transportation options shrink. Is there any thought or mind set to adopting a cold weather "keep us moving" strategy?	Survey	1	This is an excellent point. The option to utilize modal switch is correlated to weather conditions as seen in the Existing Conditions section of the MTP. However, not everyone has the ability or desire to switch modes of travel because of adverse weather (i.e., rain, snow, extreme heat, etc.). This is why the APO has proposed adopting the Multimodal Connections theme. As to the cold weather "keep us moving" strategy, APO staff personally are not aware of local discussions surrounding this.
The "what we heard" and "what the data says" are different beasts. The ideas contained in what we heard are silly, impractical or simply not feasible (since they haven't been done in years). Which kind of made me wonder what the "priority" really is? Kind of hard to get behind anything that poorly presented.	Survey	1	APO staff are sorry the commenter felt the presentation of the proposed visioning themes was done poorly. The "What We Heard" portion of the visioning themes was designed to illustrate that APO staff did not just come up with these priorities. This section was designed to show that APO staff truly wants to know what the community cares about and prioritizes in terms of transportation – especially since the community members are the ones that ultimately will be using the system. The "What the Data Says" section was used to provide some truth to perception when it came to further refining the themes. For example, there were several comments surrounding the need for more active transportation (i.e., walking/biking) infrastructure. The data we consulted indicates that a small, but growing number of individuals in our community walk or bike more than for "recreation" – active transportation usage is growing for work commutes, grocery trips, dining, etc. While some ideas from the public may seem "silly" or "impractical" the intent of the visioning process is less about identifying specific projects and more about future possibilities for our region and being open to exploring innovative and creative solutions to our current and future transportation issues.
I just want to emphasize the use of electric vehicles for local busing and other city and regional transportation	Survey	1	The growth in the electric or alternative fuels vehicle market has exploded in the past several years. APO staff understand that there is a very strong desire among residents (as well as city/state/national government leaders) to reduce the carbon footprint transportation has left. As these new vehicle

Comment	Where Comment Was Received	Number of Similar Responses	APO Staff Disposition
			technologies continue to roll out, the region needs to be able to adapt. This is why the APO is proposing the Technological Advancements visioning theme.
Getting the lite rail to St Cloud, public transportation to the airport in MSP	Survey	1	Connecting the Saint Cloud metro to the Twin Cities metro – especially via Northstar – has been and will continue to be a priority for the APO. This issue is addressed through the Interregional Connections visioning theme.
Everywhere is within walking distance if you have the time; trying to walk across hwy 10 however, is likely to shorten the time you have left on the planet	Survey	1	APO staff are glad this participant feels the region is fairly walkable and various destinations are able to be accessed. The APO and staff with the Minnesota Department of Transportation (MnDOT) are well aware of the pedestrian crossing issues/barriers along the US 10 corridor. Several improvements are planned for this including the US 10/MN 23 interchange project occurring in 2023-2024. As part of this project, an additional bridge spanning US 10 at Fourth Street SE is being constructed to assist in safer pedestrian crossings. MnDOT has also recently (2022/2023) completed a safety study looking at multiple issues with the US 10 corridor. Generally speaking, however, the APO's themes regarding Multimodal Connections and Transportation Safety address the walkability and safety issues respectively.
This area, all the APO member communities need a Master Bicycle/Ped Plan. A-Area P-Planning O-Organization. If not you, who?	Survey	1	The APO has recently completed and adopted (2021/2022) a Regional Active Transportation Plan which addresses bicycle and pedestrian issues within the five metro cities – Saint Cloud, Saint Joseph, Sartell, Sauk Rapids, and Waite Park. A copy of this plan can be found on the APO's website: https://stcloudapo.org/documents-resources/active-transportation-plan/ . Physical copies of the plan can also be requested by contacting APO staff. Additionally, active transportation is addressed under the Multimodal Connections visioning theme.
Summary: Region is very walkable however there are specific problem areas for pedestrians including specific intersections and corridors such as MN 23. There are concerns about drivers not looking for pedestrians or trying the "challenge" pedestrians in the crosswalk (i.e., stopping for pedestrians in the crosswalk but then inching closer to them when they try to cross). Metro Bus does a good job of providing service. Northstar should come to Saint Cloud instead of ending in Big Lake where it does currently.	In-Person Event: Whitney Senior Center	1	Comments from this conversation largely fall under the Multimodal Connections theme with the walking and biking usage. This conversation also touched on Transportation Safety, particularly around pedestrians and motorists. While the APO cannot influence decisions humans make, the APO is committed to working on developing a transportation system that is safe for all users. The APO has continued to emphasize its commitment to bringing Northstar to Saint Cloud. This is also addressed as part of the Interregional Connections visioning theme.
Summary: The region has a lot of bad drivers (i.e., speeding/inattentive drivers). Metro Bus and Tri-CAP provide a valuable service for the region's seniors. Active transportation infrastructure is not necessarily the best investment due to people not using sidewalks. Roundabouts are not well liked.	In-Person Event: Whitney Senior Center	6	Comments from this conversation largely fall under the Transportation Safety and Multimodal Connections theme. While the APO cannot influence decisions humans make, the APO is committed to working on developing a transportation system that is safe for all users. Even though these commentors have not necessarily have observed a lot of people using the region's active transportation infrastructure, data captured by the APO as well as through other means (i.e., household travel survey) indicate active transportation is a growing modal choice for residents. Additionally, while roundabouts are not necessarily well liked, they have been proven to reduce fatal and serious injury crashes.
Northstar to Saint Cloud is a good idea, but people don't always use it because they have their own vehicles	In-Person Event: Whitney Senior Center	2	Connecting the Saint Cloud metro to the Twin Cities metro – especially via Northstar – has been and will continue to be a priority for the APO. This issue is addressed through the Interregional Connections visioning theme.
Keep focusing on maintaining our current infrastructure.	In-Person Event: Whitney Senior Center	3	This comment is addressed under the System and Environmental Stewardship visioning theme.
Bike trails are a positive for the region. We need more of these kinds of amenities to make our region more attractive. Walking trails, parks, and other places for people to go would be super beneficial	In-Person Event: Whitney Senior Center	1	APO staff realize how important having multimodal transportation infrastructure is to economic vitality for the region. The more people feel the region has a lot to offer, the more likely they are to visit or live here. The development of bike trails is covered under the Multimodal Connections theme.

Comment	Where Comment Was Received	Number of Similar Responses	APO Staff Disposition
Technology is changing rapidly. We need to put a focus on our young people pursuing careers in the trades versus four-year institutions	In-Person Event: Whitney Senior Center	1	APO staff are aware of the rapidly changing technologies, particularly as it pertains to transportation. This is the reason the APO is proposing the Technological Advancements visioning theme. As to career choices among some of the younger residents in the area, this falls outside of the APO's purview.
Roundabouts are great / too many roundabouts in the region	In-Person Event: Whitney Senior Center	2	APO staff have received a lot of comments about either liking or hating roundabouts. Roundabouts have been proven to reduce fatal and serious injury crashes. Roundabouts and other safety infrastructure covered under the Transportation Safety visioning theme.
Merging traffic on MN 15 is problematic. People are driving too fast.	In-Person Event: Whitney Senior Center	1	During public engagement opportunities for the MTP, APO staff have heard from the community that poor driving behavior is a major cause for concern. While the APO cannot influence decisions humans make, the APO is committed to working on developing a transportation system that is safe for all users. This ideally falls under the Transportation Safety visioning theme.
Alternatives are needed for single occupancy vehicles. We need to focus on getting people to use public transit. Multimodal is very important	In-Person Event: Whitney Senior Center	1	APO staff agree that having a multimodal transportation network is incredibly important. Not everyone wants to, can, or has the means to afford to drive a personal vehicle. While we cannot force people to ride public transit or switch modes, the APO and its planning partners can work to make those options easier for people. This is why APO staff has proposed the Multimodal Connections visioning theme.
Snow needs to be removed from bus stops	In-Person Event: Whitney Senior Center	1	APO staff have heard from several members of the community that snow removal from sidewalks and bus stops continues to be a major problem in the region. While snow removal falls outside of the APO's scope of work, staffers have addressed these concerns with Saint Cloud Metro Bus as well as city and county officials.
With the new apartments going up along in County Road 74 in Saint Cloud, is the current roadway able to handle the influx in traffic?	In-Person Event: RAC meeting	1	In the APO's current MTP – MAPPING 2045 – an expansion project for County Road 74 from County Road 137 to 33 rd Street S is planned. The proposed post-construction type of facility would convert the existing two lane, undivided roadway to a three-lane undivided roadway. This project, due to cost and priority, is slated to be completed in the long term (between the years 2030 and 2045). From an APO standpoint, staffers are currently (summer 2023) working with each jurisdiction, including the City of Saint Cloud, to review roadways like County Road 74 to see how well they will perform in the future – considering population growth and new developments. Recommendations on proposed projects are likely to come out of this discussion – and if warranted, future roadway improvements may be listed in the Looking Ahead 2050 MTP.
Summary: School transportation access for kids using Metro Bus. What sorts of safeguards are in place to ensure kids are safe when using Metro Bus? Are the bus schedules aligned with the school schedule?	In-Person Event: RAC meeting	1	Use of Metro Bus services by kids is dependent on age. For example, Metro Bus does offer the U Go Free summer bus service free of charge for students under the age of 17. They do request the minimum age for students to be able to ride solo is 6, however, that is up to the discretion of the child's parents and/or guardian. In the case of school transportation, for students using Metro Bus as an alternative to school bus transportation, Metro Bus schedules do service each public school building within Saint Cloud, Sartell, Sauk Rapids, and Waite Park. For schools on the outskirts of the Metro Bus service area – particularly Tech High School in Saint Cloud, Sauk Rapids-Rice High School in Sauk Rapids, and Sartell-Saint Stephen High School in Sartell – deviated service is provided to the school three times a day when school is in session (morning, mid-day, and afternoon) to allow for students and faculty/staff to ride the bus. As far as the specific safeguards in place for students, that question is best directed to Metro Bus staff (who were present during this public engagement and provided an immediate response to this inquiry).
How are bus operators trained to drop off passengers? Are they suppose to drop off right at the curb?	In-Person Event: RAC meeting	1	This question is better suited to Metro Bus staff as they are the ones that provide direct oversight of bus operators. <i>This question was immediately addressed by Metro Bus staff who were present during this public engagement opportunity.</i>
Members of the East African immigrant community feel the need to have training opportunities for non-English speakers on how to drive and the permitting process	In-Person Meeting: CAIRO	2	Ensuring transportation access to all members of the community is something APO staff feel is critical. However, addressing this specific comment – drivers education training in languages other than English – is not under the purview of the APO.
There is a need for safe and reliable transportation for seniors in the immigrant community. Many have an issue with the language barrier and are concerned about using transit because if they get lost they will	In-Person Meeting: CAIRO	2	APO staff appreciate the issues surrounding concerns from seniors in the immigrant community. Not being able to independently navigate the community must be incredibly limiting and challenging. For those seniors who feel unsafe using services like transit due to a language barrier, APO staff would recommend reaching out to Saint Cloud Metro Bus. Metro Bus has a travel training program which helps guide people on how to use the transit system. In addition, Metro Bus has individuals who speak both Spanish and Somali on staff

Comment	Where Comment Was Received	Number of Similar Responses	APO Staff Disposition
not be able to communicate with others to get help			as travel trainers to assist those whose primary language is not English. <i>Contacts to Metro Bus's travel training program were provided to those in attendance.</i>
Bring Northstar to Saint Cloud	In-Person Event: Downtown Transit Center	2	Connecting the Saint Cloud metro to the Twin Cities metro – especially via Northstar – has been and will continue to be a priority for the APO. This issue is addressed through the Interregional Connections visioning theme.
Snow removal is needed on sidewalks. Many transit users end up walking in the street because sidewalks aren't shoveled	In-Person Event: Downtown Transit Center	1	APO staff have heard from several members of the community that snow removal from sidewalks and bus stops continues to be a major problem in the region. While snow removal falls outside of the APO's scope of work, staffers have addressed these concerns with Saint Cloud Metro Bus as well as city and county officials.
Safety is a real concern both at the bus stops/shelters and on the bus	In-Person Event: Downtown Transit Center	1	During the initial round of public input, APO staff had heard similar comments regarding safety on the Metro Bus transit system. These comments have been forwarded to staffers at Saint Cloud Metro Bus who are better equipped to handle this situation.
Summary: There is a lack of sidewalks and lighting in the neighborhoods. This creates a safety issue especially with drivers not paying attention to kids walking/biking. Drivers are also traveling too fast. Kids have been hit by cars because of this. Several crashes have happened in this area.	In-Person Event: Roosevelt Boys and Girls Club	10	During public engagement opportunities for the MTP, APO staff have heard from the community that poor driving behavior is a major cause for concern. While the APO cannot influence decisions humans make, the APO is committed to working on developing a transportation system that is safe for all users. This ideally falls under the Transportation Safety visioning theme.
Summary: Safety is a top concern. Students have issues walking from South Junior High to the Southside Boys and Girls Club because of traffic on Ninth Avenue. Crime in and around the area. Students indicated they do not feel safe riding Metro Bus. Certain areas (University Bridge, roundabout at Fifth Avenue S and University Drive) are not safe for people to walk.	In-Person Event: Southside Boys and Girls Club	7	During public engagement opportunities for the MTP, APO staff have heard from the community that poor driving behavior is a major cause for concern. While the APO cannot influence decisions humans make, the APO is committed to working on developing a transportation system that is safe for all users. This ideally falls under the Transportation Safety visioning theme.
Summary: Safety. Traffic does not stop for pedestrians. Drivers try to hit pedestrians, run stop signs, speed, are racist. Sidewalks are in poor condition making it difficult to walk.	In-Person Event: Eastside Boys and Girls Club.	13	During public engagement opportunities for the MTP, APO staff have heard from the community that poor driving behavior is a major cause for concern. While the APO cannot influence decisions humans make, the APO is committed to work on developing a transportation system that is safe for all users. This ideally falls under the Transportation Safety visioning theme. As to the sidewalk condition, APO staff have identified pavement/sidewalk condition as part of the System and Environmental Stewardship visioning theme.



1040 County Road 4, Saint Cloud, MN 56303-0643

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TO: Saint Cloud Area Planning Organization Technical Advisory Committee
FROM: James Stapfer, Planning Technician
RE: Consideration of the Adjusted Urbanized Area Boundary
DATE: July 17, 2023

The urban area boundaries need to be adjusted to reflect population changes after each decennial census.

FHWA and the Census Bureau differ in defining and describing urban and rural areas. The Census Bureau defines urban areas solely for the purpose of tabulating and presenting Census Bureau statistical data. A number of Federal agency programs use the Census definitions as the starting point (if not the basis) for implementing and determining eligibility for a variety of funding programs. (<https://safety.fhwa.dot.gov/hsip/spm/fhwasa15067/chap3.cfm>)

Federal transportation legislation allows for the outward adjustment of Census Bureau defined urban boundaries (of population 5,000 and above) as the basis for development of adjusted urban area boundaries for transportation planning purposes. By Federal rule, these adjusted urban area boundaries must encompass the entire Census-designated urban area (of population 5,000 and above) and are subject to approval by the Secretary of Transportation (23 USC 101(a) (36)-(37) and 49 USC 5302(a) (16)-(17)). (<https://safety.fhwa.dot.gov/hsip/spm/fhwasa15067/chap3.cfm>)

Changes are made based upon the following criteria:

- The urban area should be expanded to match municipal boundaries where appropriate.
- The urban area must include the entire roadway right-of-way (e.g., roadway, major intersection) in between and through discontinuous urban areas.
- A roadway in an urban area must be entirely in the urban area until there is another logical feature for the urban boundary to end (i.e., a road should not weave in and out of the urban area boundary).
- Within reason, the urban area's boundaries should be drawn along physical features (e.g., lakes, rivers, earth formations).
- The urban area should include significant traffic generators (e.g., universities, airports, government buildings, other public institutions).

The following programs are impacted by adjustments to the urban area boundaries; Highway Functional Classification, Highway Performance Monitoring Systems, Critical Freight Corridors, STBG Apportionment Formula, STBG Special Rule for Areas less than 50,000, CMAQ Traffic Congestion Performance Measures, and Control of Outdoor Advertising



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(https://www.fhwa.dot.gov/planning/census_issues/urbanized_areas_and_mpo_tma/fag/page07.cfm).

This draft urban area boundary can be found online at <https://apo.maps.arcgis.com/apps/dashboards/30f775598ba042ee8f7c4d3917b63c23> for review prior to the meeting. It has been put online because of the granularity of the boundary and for precision.

OVERALL RECOMMENDATIONS

The APO is looking for the Technical Advisory Committee to recommend Policy Board approval of the Adjusted Urbanized Area Boundary.

Requested Action: *Recommend Policy Board approval of the Adjusted Urbanized Area Boundary.*



1040 County Road 4, Saint Cloud, MN 56303-0643

T. 320.252.7568 F. 320.252.6557

TO: Saint Cloud APO Technical Advisory Committee
FROM: Brian Gibson, Executive Director
RE: Draft 2024-2025 Unified Planning Work Program
DATE: July 12, 2023

The Unified Planning Work Program (UPWP) is both our budget and our work plan. It identifies funding sources, revenues, expenditures, and the tasks we expect to accomplish each calendar year. I need to provide a UPWP to MnDOT by September 1st each year to ensure our funding is properly obligated prior to January 1st of the following year.

For 2024, we are expecting \$673,359 from our USDOT planning grant, also called our Consolidated Planning Grant (CPG). These are formula funds and require a 20% local match.

In addition, per the direction from the APO Policy Board, I did apply for a Safe Streets & Roads for All (SS4A) grant on July 10th. We will not find out if we have been awarded a grant until later this year, but I am including it in this budget just in case. (It's easier to take it out of the budget then put it in afterwards). These funds require a 20% local match.

We were also awarded \$800,000 in Congressionally Directed Spending to complete the environmental assessment for a potential new bridge crossing of the Mississippi River at 33rd Street South in St. Cloud. These funds also require a 20% local match. The APO Policy Board has long considered the entire beltline corridor to be a regional facility for which all jurisdictions should share in the cost of developing. Therefore, I am including the \$1,000,000 environmental assessment here and propose spreading the local match cost among all APO jurisdictions.

Other contracts proposed for 2024 include:

- Continuing our Community Liaisons program to better reach and include people who have been traditionally underserved in the planning process. In 2023 we worked with community organizations Independent Lifestyles and CAIRO to reach the clients that they serve. I'm proposing a budget of just \$8,000 for 2024.
- Upgrading our regional Travel Demand Model to include time-of-day traffic distribution to the model output. The current model only provides one daily traffic volume number. But understanding peak-hour traffic can be important to corridor planning and design. (\$45,000)
- While working with TAC members to identify future corridor improvements for the Metropolitan Transportation Plan, it became clear that there was uncertainty about which corridors would be future arterials and collectors. So, I am proposing a regional planning effort to identify and map future federal-aid corridors so that everyone knows which roadways will serve as those longer-distance, limited-access corridors. (\$100,000)

E. admin@stcloudapo.org W. stcloudapo.org

Work Activity Category	Federal Funding (CPG)	State Funding	Local Match - State Grant	Other Local Funds	Total Funding
100 Administration & Overhead	\$235,769	\$21,139	\$5,287	\$37,805	\$300,000
200 Budget & UPWP	\$10,413	\$934	\$233	\$1,670	\$13,250
300 Transportation Improvement Program (TIP)	\$37,134	\$3,329	\$832	\$5,955	\$47,250
400 Transportation System Performance Monitoring (TSPM)	\$27,900	\$2,502	\$625	\$4,473	\$35,500
500 Planning Project Development	\$35,562	\$3,189	\$797	\$5,702	\$45,250
600 Metropolitan Transportation Plan (MTP)	\$57,961	\$5,197	\$1,299	\$9,293	\$73,750
610 MTP - Active Transportation Planning	\$38,509	\$3,453	\$863	\$6,175	\$49,000
620 MTP - Transit Planning	\$7,073	\$634	\$159	\$1,134	\$9,000
630 MTP - Freight Planning, Economic Vitality & Tourism	\$3,930	\$352	\$88	\$630	\$5,000
640 MTP - Safety, Security & Environmental Planning	\$7,859	\$705	\$176	\$1,260	\$10,000
700 Transportation Planning Coordination & Public Outreach	\$74,465	\$6,677	\$1,669	\$11,939	\$94,750
800 Transportation Modeling, Mapping & Technical Support	\$15,718	\$1,409	\$352	\$2,521	\$20,000
900 Locally Funded Activities	\$0	\$12,000	\$3,000	\$11,500	\$26,500
Sub-Total for APO Staff and Operations	\$552,293	\$61,520	\$15,380	\$100,057	\$729,250
Contract Services: David Turch & Associates	\$0	\$0	\$0	\$48,000	\$48,000
Contract Services: Community Liaisons for Hard-to-Reach Populations	\$6,400	\$0	\$0	\$1,600	\$8,000
Contract Services: Travel Demand Model Improvements	\$36,000	\$0	\$0	\$9,000	\$45,000
Contract Services: Regional Arterial and Collector Roadway Planning	\$78,666	\$0	\$0	\$21,334	\$100,000
Contract Services: Environmental Work for Mississippi River Bridge	\$800,000	\$0	\$0	\$200,000	\$1,000,000
Contract Services: Safe Streets and Roads for All	\$120,000	\$0	\$0	\$30,000	\$150,000
Grand Total Expenses	\$1,593,359	\$61,520	\$15,380	\$409,991	\$2,080,250

All of these projects and grants add up to the largest budget the APO has ever had in recent history – over \$2 million – which is more than double our normal annual budget. That corresponds to an increase in the need for local matching funds too.

APO BUDGET HISTORY 2019 – 2024

Line Item	2019	2020	2021	2022	2023	2024
Staff Salaries and Benefits	\$428,075	\$436,500	\$463,750	\$470,500	\$512,000	\$552,004
Overhead	\$94,200	\$88,850	\$96,360	\$92,000	\$119,750	\$150,746
Consultant Studies	\$162,000	\$497,000	\$445,000	\$325,000	\$263,500	\$1,303,000
Sub-Total for CPG Eligible Expenses	\$684,275	\$1,022,350	\$1,005,110	\$887,500	\$895,250	\$2,005,750
Turch & Associates	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000
Staff Time for Legislative Communications	\$7,200	\$6,700	\$4,250	\$4,500	\$6,000	\$6,500
Audit	\$7,750	\$8,000	\$8,250	\$8,500	\$14,000	\$15,000
Legislative Comm. Travel	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Sub-Total for Other	\$67,950	\$67,700	\$65,500	\$66,000	\$73,000	\$74,500
Grand Total	\$752,225	\$1,090,050	\$1,070,610	\$953,500	\$968,250	\$2,080,250

2024 Local Match Assessments

	APO 2024 Operations Assessment	Travel Demand Model Improve	Regional Arterials & Collectors	Environmental Work for Bridge	SS4A	Community Liaison	David Turch Contract	Total Assessments
St. Cloud	\$55,229.45	\$4,298.45	\$12,578.70	\$95,521.09	\$14,328.16	\$764.17	\$15,860.00	\$198,580.02
Sauk Rapids	\$11,030.46	\$858.49	\$2,512.23	\$19,077.54	\$2,861.63	\$152.62	\$3,192.00	\$39,684.97
Sartell	\$15,683.67	\$1,220.64	\$3,572.01	\$27,125.40	\$4,068.81	\$217.00	\$4,731.00	\$56,618.53
Waite Park	\$6,722.72	\$523.22	\$1,531.12	\$11,627.16	\$1,744.07	\$93.02	\$2,210.00	\$24,451.31
St. Joseph	\$5,745.00	\$447.13	\$1,308.44	\$9,936.16	\$1,490.42	\$79.49	\$1,484.00	\$20,490.65
LeSauk Twn	\$1,205.88	\$93.85	\$274.64	\$2,085.61	\$312.84	\$16.68	\$0.00	\$3,989.51
Stearns Co	\$10,896.30	\$848.05	\$2,481.67	\$18,845.50	\$2,826.82	\$150.76	\$11,429.00	\$47,478.10
Benton Co	\$4,359.16	\$339.27	\$992.81	\$7,539.31	\$1,130.90	\$60.31	\$3,266.00	\$17,687.77
Sherburne Co	\$2,112.90	\$164.44	\$481.22	\$3,654.33	\$548.15	\$29.23	\$1,028.00	\$8,018.28
Metro Bus	\$2,652.68	\$206.46	\$604.16	\$4,587.90	\$688.19	\$36.70	\$4,800.00	\$13,576.09
Total	\$115,638.22	\$9,000.00	\$26,337.00	\$200,000.00	\$30,000.00	\$1,600.00	\$48,000.00	\$430,575.22

For comparison, the local match for our 2023 UPWP was \$207,681.

I recognize the burden this may put on the jurisdictions. The increase is exclusively the result of the two one-time grants – the SS4A grant and the Congressionally Directed Spending. As you develop your own 2024 budgets, please include this increase in your calculations.

If you need more details, the entire draft UPWP can be reviewed here:

<https://bit.ly/24-25UPWP-DRAFT>

Suggested Action: Recommend approval of the 2024-2025 UPWP to the APO Policy Board.



1040 County Road 4, Saint Cloud, MN 56303-0643

T. 320.252.7568 F. 320.252.6557

TO: Saint Cloud APO Technical Advisory Committee
FROM: Brian Gibson, Executive Director
RE: Regional Transportation Priorities for 2024
DATE: July 12, 2023

Each year the APO Board Chair and Executive Director travel to Washington DC to meet with members of Congress (or their senior staff) to present our regional transportation priorities. Last year, for example, we were successful in getting \$800,000 in Congressionally Directed Spending to complete the environmental assessment for a potential new Mississippi River bridge crossing.

The priorities we shared last year were:

- Environmental review for the Mississippi River bridge corridor (*funded*)
- Environmental review for MN-15 improvements
- Benton County CSAH 29 Extension

What are the regional priorities we should emphasize for 2024?

Ideally, they want:

- Major, regional-level projects.
- Projects for which there is broad regional consensus.
- Project which cannot be funded through “normal” means, such as formula programs.
- A list of the very top 2-4 projects, not a list of 20. They want to know what our very highest priorities are.

Suggested Action: Recommend a slate of 2-4 regional transportation priorities for 2024 to the Policy Board.