

Action Transmittal

Transportation Advisory Board



Committee Meeting Date: March 21, 2024

Date: March 14, 2024

Action Transmittal: 2024-16

Scope Change Request – Hennepin County CSAH 52 (Nicollet Ave) and CSAH 66 (Golden Valley Rd) Improvements

To: TAC Funding & Programming Committee

Prepared By: Robbie King, Planner, 651-728-4704

Requested Action

Hennepin County requests a scope change to remove planned safety improvements at CSAH 52 (Nicollet Avenue) and 67th Street from its CSAH 52 and CSAH 66 safety improvement project (SP# 027-030-055).

Recommended Motion

That the TAC Funding & Programming Committee recommend to TAC that TAB approve Hennepin County's scope change request to remove planned safety improvements at CSAH 52 (Nicollet Avenue) and 67th Street.

Background and Purpose

In 2020, Hennepin County was awarded \$1,737,000 in HSIP funding for program year 2025 in the Proactive category to complete safety improvements to three intersections in Hennepin County:

- CSAH 52 (Nicollet Avenue) at 67th Street
- CSAH 66 (Golden Valley Road) at Noble Avenue
- CSAH 66 (Golden Valley Road) at Hidden Lakes Parkway

The county is proposing that planned safety improvements at the intersection of CSAH 52 (Nicollet Avenue) and 67th Street be removed so that the improvements can be completed within a separate county project (CP # 2120800). Hennepin County will be reconstructing CSAH 52 (Nicollet Avenue) from 77th Street to 66th Street; a stretch that contains the intersection identified above. This separate Hennepin County project is currently funded through MnDOT State Aid and local sources as part of the county's 2024-2028 Transportation Capital Improvement Program.

Hennepin County is requesting approval of the scope change request with retention of federal funds originally awarded for this project.

Relationship to Regional Policy

Projects that receive funding through the Regional Solicitation and HSIP Solicitation processes are subject to the regional scope change policy. The purpose of this policy is to ensure that the project is designed and constructed according to the plans and intent described in the original application. The scope change policy allows project sponsors to adjust their projects as needed while still providing substantially the same benefits described in their original project applications.

Staff Analysis

Scoring Analysis: Table 1 shows an analysis of potential scoring changes for the project through the MnDOT HSIP scoring process. Hennepin County's scope change request is to remove one of three intersections planned for improvement. However, this removal would likely not result in the project to be re-scored below the award threshold. This application's score of 575 is 114 points above the highest scoring unfunded Proactive project total of 461.

Further, the project as it was applied for will be constructed according to the request. Recent precedent has been to approve such requests given that the on-the-ground result does not change.

Table 1: Scoring Analysis

Measure	Max Score	Original Score	Scope Change	Notes
1. Connection to 2014-19 MN Strategic Highway Safety Plan	100	50	0	No change
2. Cost per Exposure	300	189	0	Uncertain
3. Correctable Fatal / Serious Injury Crashes	100	7	0	Low score with little room for reduction
4. Crash Modification Factor	200	79	-	Potential for minor reduction
5. Part of a Plan	200	200	0	No change
6. Ped/Bike Safety	100	50	-	Potential for minor reduction
TOTAL	1,000	575	-	Potential for minor reduction

* 0 = no change

+ = small improvement, ++ = moderate improvement, +++ = large improvement

- = small diminishment, -- = moderate diminishment, --- = large diminishment

Funding: Recent history offers that for scope changes which involve removal of a project component to be completed within a separate project federal funds can be retained. The applicant identifies \$643,333 as the cost of the portion of the project removed from the original scope. A removal could be the federal portion of this; 90% or \$579,000. Table 2 shows two funding scenarios for the committee to consider whether it is necessary to remove or retain federal funds.

Table 2: Funding Scenario

	Original Application	Proposal (Full Federal Funds Retained)	Proposal (\$579,000 Reduction)
Federal	\$1,737,000	\$1,737,000	\$1,158,000
Local Match	\$193,000	\$386,000	\$965,000
Total Construction Cost	\$1,930,000	\$2,123,000	\$2,123,000
% of Federal to Total	90%	82%	55%

Routing

To	Action Requested	Date Completed (Date Scheduled)
TAC Funding & Programming Committee	Review & Recommend	March 21, 2024
Technical Advisory Committee	Review & Recommend	April 3, 2024
Transportation Advisory Board	Review & Adopt	April 17, 2024



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February 20, 2024

Michael Thompson
Chair, TAC Funding and Programming Committee
Metropolitan Council
390 Robert Street North
Saint Paul, MN 55101-1805

Re: Scope Change request to S.P. 027-030-055 - CSAH 52 (Nicollet Ave) and CSAH 66 (Golden Valley Rd)

Dear Mr. Thompson,

Hennepin County respectfully requests that the Technical Advisory Committee (TAC) Funding and Programming Committee of the Metropolitan Council Transportation Advisory Board consider the attached Scope Change request for the above referenced project.

In 2021, Hennepin County was awarded federal funding as part of the Highway Safety Improvement Program (HSIP) to make safety and mobility improvements to the three intersections listed below. The current 2024-2027 State Transportation Improvement Program (STIP) identifies \$1,737,000 in federal funding and \$386,000 in local funding for the project, for a STIP total of \$2,123,000. The program year for this project is 2025.

Along CSAH 52 (Nicollet Avenue) in Richfield

- 67th Street

Along CSAH 66 (Golden Valley Road) in Golden Valley

- Noble Avenue
- Hidden Lakes Parkway

Hennepin County will be reconstructing CSAH 52 (Nicollet Avenue) from approximately 77th Street to CSAH 53 (66th Street) which will include improvements at the CSAH 52 (Nicollet Avenue) and 67th Street intersection as part of County Project (CP) 2120800. CP 2120800 is currently funded through State Aid and local sources as part of the county's 2024-2028 Transportation CIP (see Attachment 2).

At this time, Hennepin County requests a scope change to remove the planned safety improvements at the CSAH 52 (Nicollet Avenue) and 67th Street intersection from S.P. 027-030-055 as these safety improvements will be incorporated into the larger Hennepin County corridor project along Nicollet Avenue. Approval of this scope change request will allow for enhanced safety improvements at this intersection to be completed as part of the corridor reconstruction project, beyond what is feasible through the county's current HSIP signal and ADA retrofit project.

Lastly, current construction cost estimates at the two remaining intersections are higher than initially estimated due to inflation and recent bid prices on similar projects. The current cost estimate for the

Hennepin County Transportation Project Delivery
Public Works Facility, 1600 Prairie Drive, Medina, MN 55340
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remaining intersection safety improvements is approximately the same as the original funding application estimate for the project. Based on this new estimate for the Golden Valley Road intersections and the commitment to incorporate the Nicollet Avenue safety improvements in the Nicollet Avenue corridor project, we request retainment of the full original federal funding amount and an update to the STIP reflecting the removal of the CSAH 52 (Nicollet Avenue) and 67th Street intersection for this project.

With your approval, we respectfully request the above-mentioned revision be made to the new 2025-2028 STIP. Please advise of any additional information you may need and contact me with any questions.

Sincerely,



Cole Partridge, PE

Cc: Colleen Brown, MnDOT Metro State Aid
Carla Stueve, PE
Jessa Trbojevich, PE
Chad Ellos, PE
Jason Pieper, PE



FUNDING DATA FOR SCOPE CHANGE REQUEST

1. Original Application

Regional Solicitation Year	N/A
Application Funding Category	N/A
HSIP Solicitation	Yes - 2020
Application Total Project Cost	\$1,930,000
Federal Award	\$1,737,000
Application Federal Percentage of Total Project Cost	90%

Project Elements Being Removed	Work at Nicollet Ave/67th St intersection
Original Application Cost	\$643,333

2. Funding Scenario

Current Funding vs. Proposed Funding

	Current STIP (2024-2027)	Proposed - Intersection Work at Nicollet Ave/67th St Removed (Full Federal Funds Retained)	Proposed - Intersection Work at Nicollet Ave/67th St Removed (One-third of Federal Funds Removed)
Federal	\$1,737,000	\$1,737,000	\$1,158,000
Local Match	\$386,000	\$386,000	\$965,000
Total Construction Cost	\$2,123,000	\$2,123,000	\$2,123,000
% of Federal to Total	82%	82%	55%

3. Attachments

Attachment 1

Project map identifying location of work to be removed

Attachment 2

Hennepin County 2024-2028 Transportation CIP for CP 2120800

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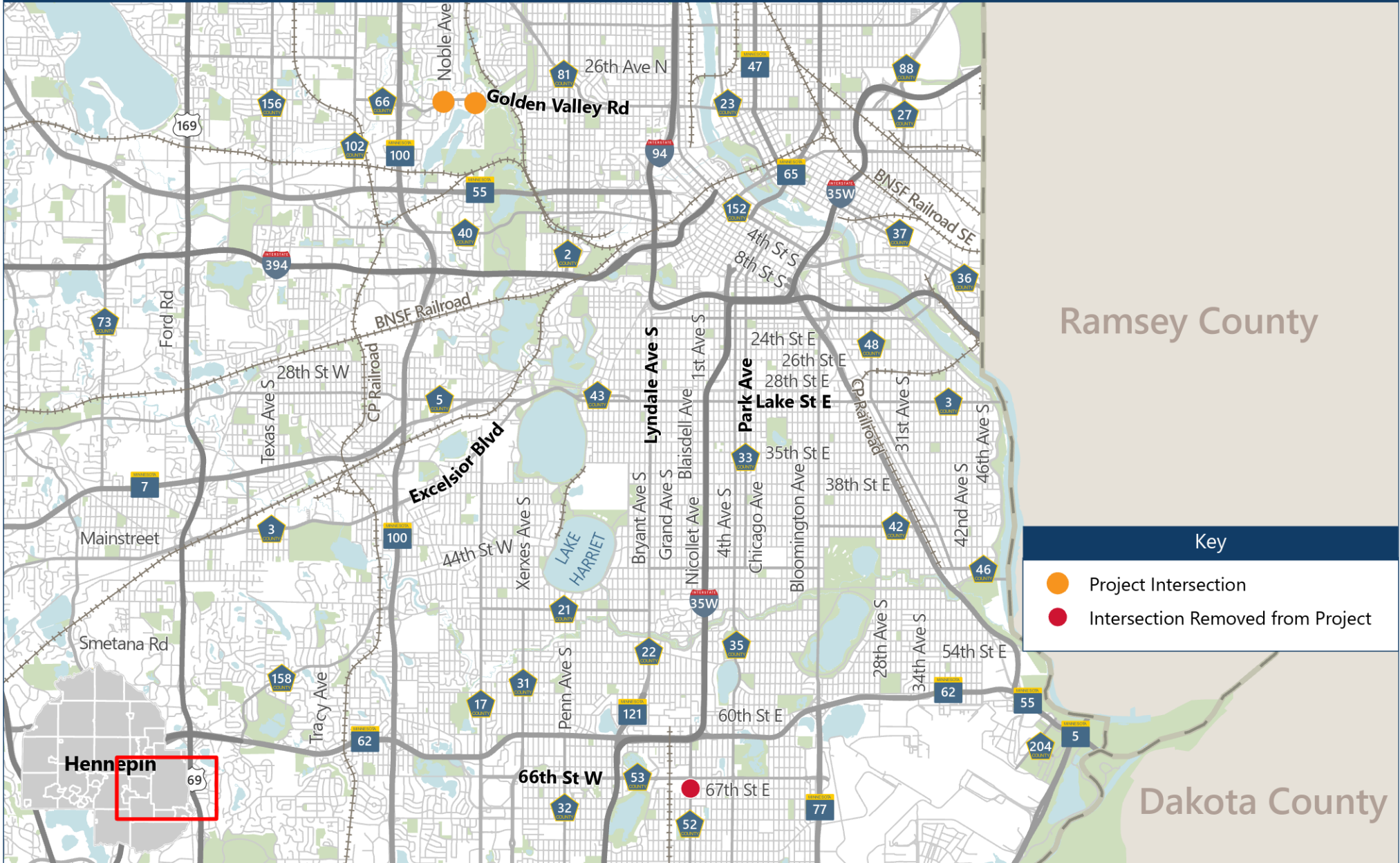
ATTACHMENT 1

PROJECT MAP



SP 027-030-055 | Revised Project Locations

CSAH 66 (Golden Valley Rd) and CSAH 52 (Nicollet Ave) Safety Project



Ramsey County

Key

- Project Intersection
- Intersection Removed from Project

Dakota County

Disclaimer: This map (i) is furnished "AS IS" with no representation as to completeness or accuracy; (ii) is furnished with no warranty of any kind; and (iii) is not suitable for legal, engineering or surveying purposes. Hennepin County shall not be liable for any damage, injury or loss resulting from this map.

Publication date: 1/18/2024

Data sources (if applicable):



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ATTACHMENT 2

HENNEPIN COUNTY 2024-2028 TRANSPORTATION CIP FOR CP 2120800



BOARD APPROVED: 2024 CAPITAL BUDGET AND 2024-2028 CAPITAL IMPROVEMENT PROGRAM

Project Name: 2120800 CSAH 52 - Reconst Nicollet Ave S fr 77th to 66th St
Major Program: Public Works
Department: Transportation Roads & Bridges

Funding Start: 2022
Funding Completion: 2027

Summary:

Reconstruct Nicollet Avenue (CSAH 52) from 77th Street to 66th Street (CSAH 53) in the City of Richfield.

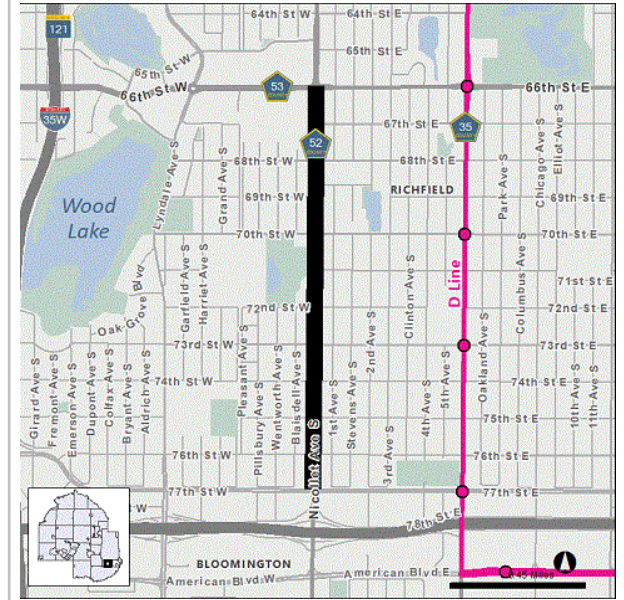
Purpose & Description:

The existing roadway (last reconstructed in 1961) is nearing the end of its useful life and warrants replacement. Routine maintenance activities (such as overlays and crackseals) are no longer cost effective in preserving assets. The roadway was originally constructed as concrete pavement, however, has since been overlaid with bituminous pavement; resulting in premature surface cracking at joints. The existing sidewalk facilities are located immediately adjacent to the roadway; causing a feeling of discomfort for people walking. The curb has experienced settling, greatly diminishing its ability to collect water and define the roadway edge. Many intersections do not meet current standards for ADA accommodations, presenting challenges for people with limited mobility.

In 2014, the county completed an overlay project along this section of Nicollet Avenue (CSAH 52). As part of project, the four-lane undivided configuration was converted to a three-lane design to better facilitate turning movements for people driving and provide traffic calming. Given the age and condition of roadway assets, the timing of this capital project will coincide with the service life extension provided by the overlay project.

The proposed project will reconstruct existing assets, including: pavement, curb, storm water structures, sidewalk facilities, and traffic signals. Complete streets design strategies such as curb extensions, raised medians, crossing beacons, bikeway accommodations, and streetscaping features will also be considered in an effort to benefit multimodal users. Also, improvements to the existing bikeway accommodations will be considered during the project development process to enhance bikeway connections to the nearby Nine Mile Creek Regional Trail and protected bikeway that exists along 66th Street (CSAH 53). Additionally, it's anticipated that this project will complement MnDOT's I-494 Corridors of Commerce Project that is making improvements to Nicollet Avenue (CSAH 52) from American Boulevard to 77th Street.

Additionally, this project is located within close proximity to the county's Nicollet Avenue (CSAH 52) at 67th Street Multimodal Safety Project (Capital Project 2201500). Staff will coordinate the design and construction activities for these two projects to not only promote efficiencies, but to also minimize disruptions to the travelling public.



REVENUE	Budget To-Date	Act & Enc	Balance	2024	2025	2026	2027	2028	Future	Total
Property Tax						100,000				100,000
Mn/DOT State Aid - Regular	608,000		608,000	1,162,000	2,245,000	8,100,000	3,284,000			15,399,000
Richfield	152,000		152,000	98,000	950,000	2,050,000	821,000			4,071,000
Total	760,000		760,000	1,260,000	3,195,000	10,250,000	4,105,000			19,570,000

EXPENSE	Budget To-Date	Act & Enc	Balance	2024	2025	2026	2027	2028	Future	Total
Right of Way				420,000	1,650,000					2,070,000
Construction						8,000,000	3,600,000			11,600,000
Consulting	760,000	600,000	160,000	640,000	920,000					2,320,000
Contingency				200,000	625,000	2,250,000	505,000			3,580,000
Total	760,000	600,000	160,000	1,260,000	3,195,000	10,250,000	4,105,000			19,570,000

BOARD APPROVED: 2024 CAPITAL BUDGET AND 2024-2028 CAPITAL IMPROVEMENT PROGRAM

Project Name: 2120800 CSAH 52 - Reconst Nicollet Ave S fr 77th to 66th St	Funding Start: 2022
Major Program: Public Works	Funding Completion: 2027
Department: Transportation Roads & Bridges	

Current Year's CIP Process Summary	Budget To-Date	2024	2025	2026	2027	2028	Future	Total
Department Requested	760,000	1,260,000	3,195,000	10,250,000	4,105,000			19,570,000
Administrator Proposed	760,000	1,260,000	3,195,000	10,250,000	4,105,000			19,570,000
CBTF Recommended	760,000	1,260,000	3,195,000	10,250,000	4,105,000			19,570,000
Board Approved Final	760,000	1,260,000	3,195,000	10,250,000	4,105,000			19,570,000

Scheduling Milestones (major phases only):

Activity	Anticipated Timeframe
Planning	2021 - 2022
Design	Q1 2023 - Q3 2025
Bid Advertisement	Q4 2025
Construction	Q1 2026 - Q4 2027
Completion	2028

Board Resolutions / Supplemental Information:

RESOLUTION 23-0163 (adopted on 05/02/2023) authorized:

- Execute Agmt PR00005142 with Stantec Consulting Services Inc. to provide preliminary design engineering and professional services for the reconstruction of Nicollet Avenue (CSAH 52) from 77th Street to 66th Street (CSAH 53) in the City of Richfield an a county cost not to exceed \$1,250,000 to be financed within the Project Budget for CP 2120800.

Project's Effect on the Operating Budget:

Staff does not anticipate that this project will have significant impacts to Transportation Department staff or annual operating costs. The reduction of approximately 1.1 lane miles from the county roadway system is expected to preserve \$15,000 in maintenance costs annually.

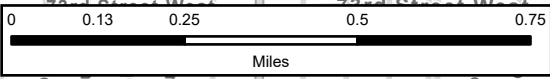
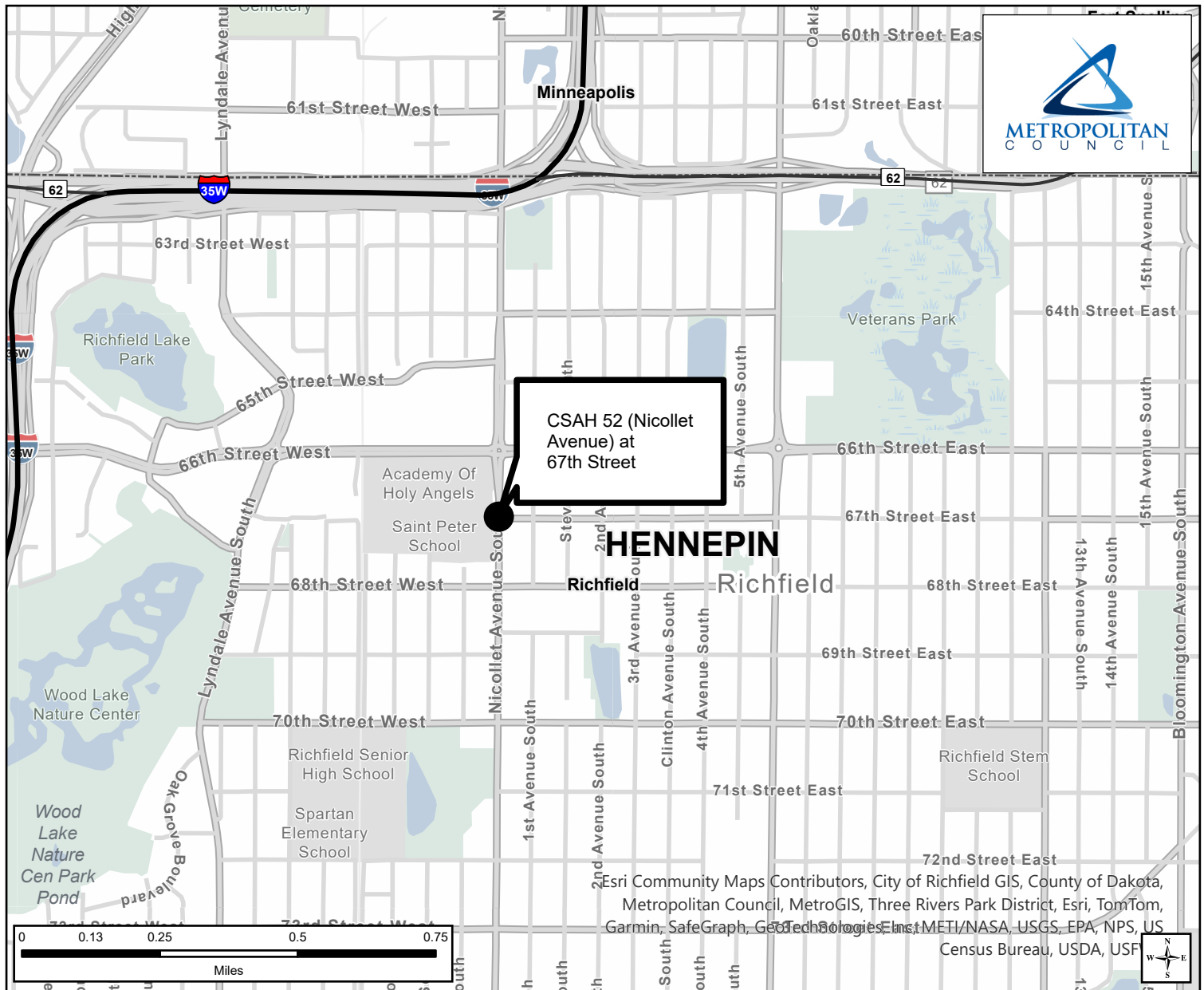
Project's Effect on County Priorities:

This project will reduce disparities in the transportation domain and vehicle miles traveled per capita by improving transportation infrastructure to provide safe and accessible connections for all modes. This is especially important as the project is located in an area that includes high percentages of people with limited mobility.

- Changes from Prior CIP:**
- Project Budget decreased by approximately \$0.9 million from \$20.4 million to \$19.6 million in recognition of a revised Engineer's Estimate.
 - Consulting activities increased by \$0.3 million from \$2.0 million to \$2.3 million to be financed with State Aid Regular.
 - Right of Way activities increased by \$0.1 million from \$2.0 million to \$2.1 million to be financed with State Aid Regular and the City of Richfield.
 - Construction activities decreased by \$1.5 million from \$13.1 million to \$11.6 million to be financed with State Aid Regular and the City of Richfield.
 - Contingency activities increased by \$0.2 million from \$3.4 million to \$3.6 million to be financed with State Aid Regular and the City of Richfield.

Last Year's CIP Process Summary	Budget To-Date	2023	2024	2025	2026	2027	Future	Total
Department Requested	160,000	600,000	1,570,000	2,250,000	10,550,000	5,200,000		20,330,000
Administrator Proposed	160,000	600,000	1,570,000	2,250,000	10,550,000	5,200,000		20,330,000
CBTF Recommended	160,000	600,000	1,570,000	2,250,000	10,550,000	5,200,000		20,330,000
Board Approved Final	160,000	600,000	1,570,000	2,250,000	10,550,000	5,200,000		20,330,000

Scope Change Request – Hennepin County CSAH 52 (Nicollet Ave) and CSAH 66 (Golden Valley Rd) Improvements



● Project Points

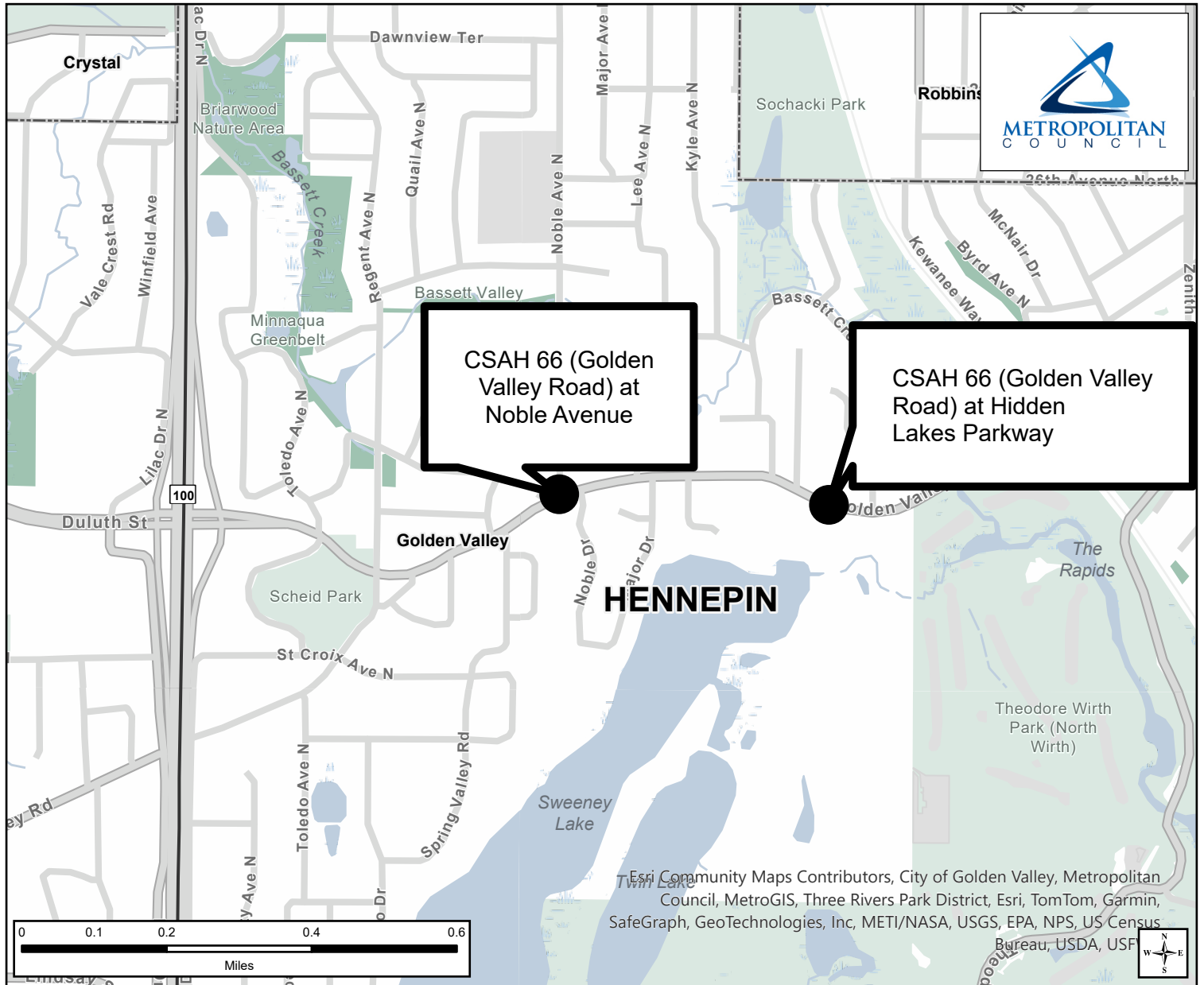
Reference Layers

Highways

- Interstate Highways
- State, US Highways and County Roads
- County Boundaries
- City and Township Boundaries

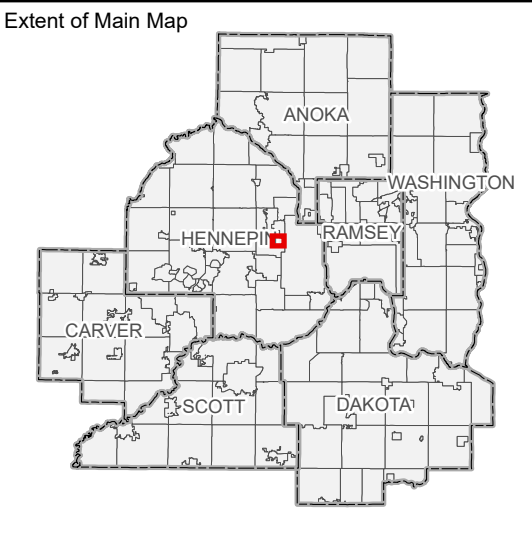
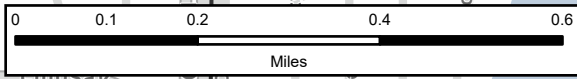
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Scope Change Request – Hennepin County CSAH 52 (Nicollet Ave) and CSAH 66 (Golden Valley Rd) Improvements



CSAH 66 (Golden Valley Road) at Noble Avenue

CSAH 66 (Golden Valley Road) at Hidden Lakes Parkway



● Project Points

Reference Layers

- Highways
 - Interstate Highways
 - State, US Highways and County Roads
- County Boundaries
- City and Township Boundaries