



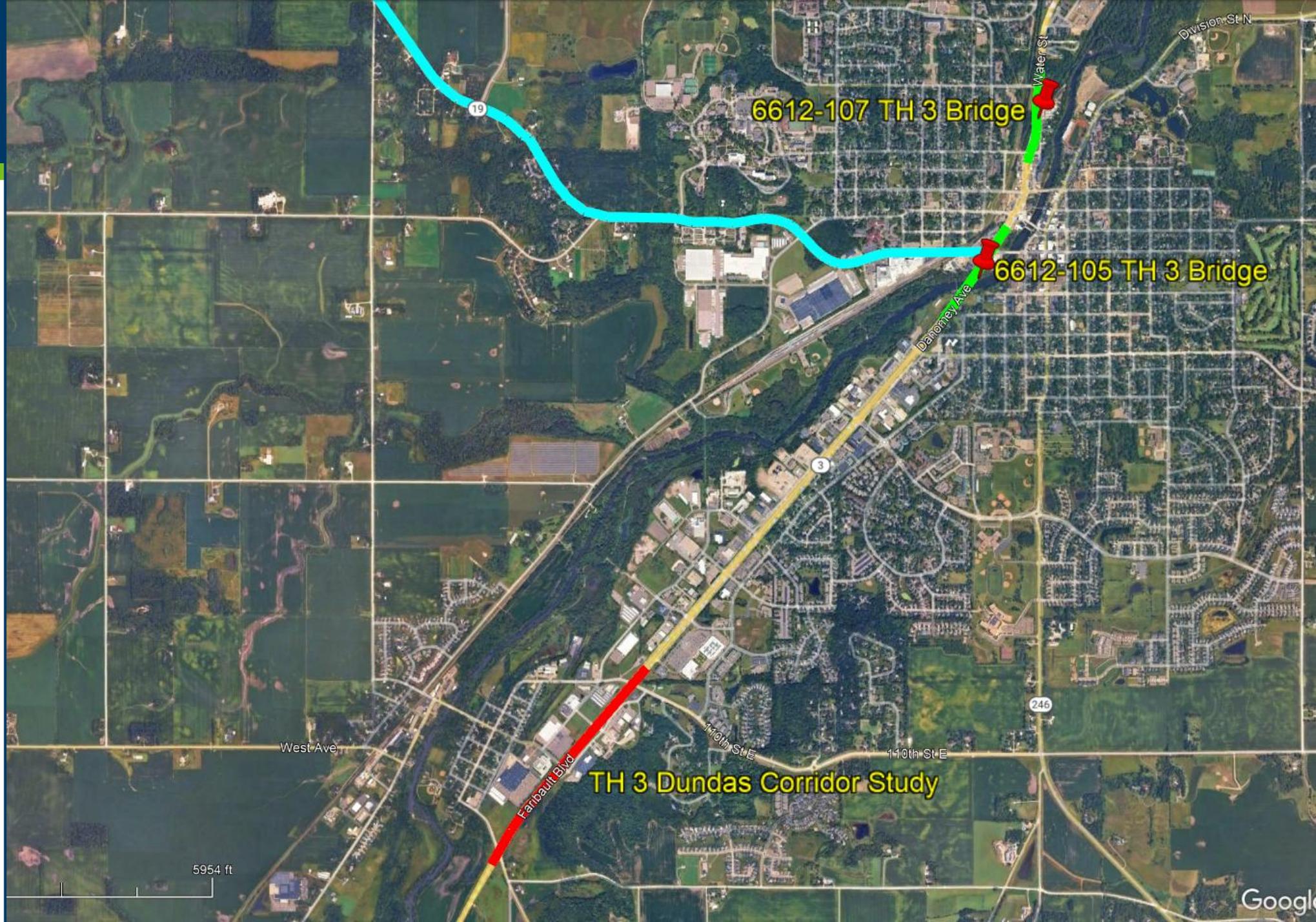
TH 3 Northfield: Planning and Scoping Update

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July 16, 2025

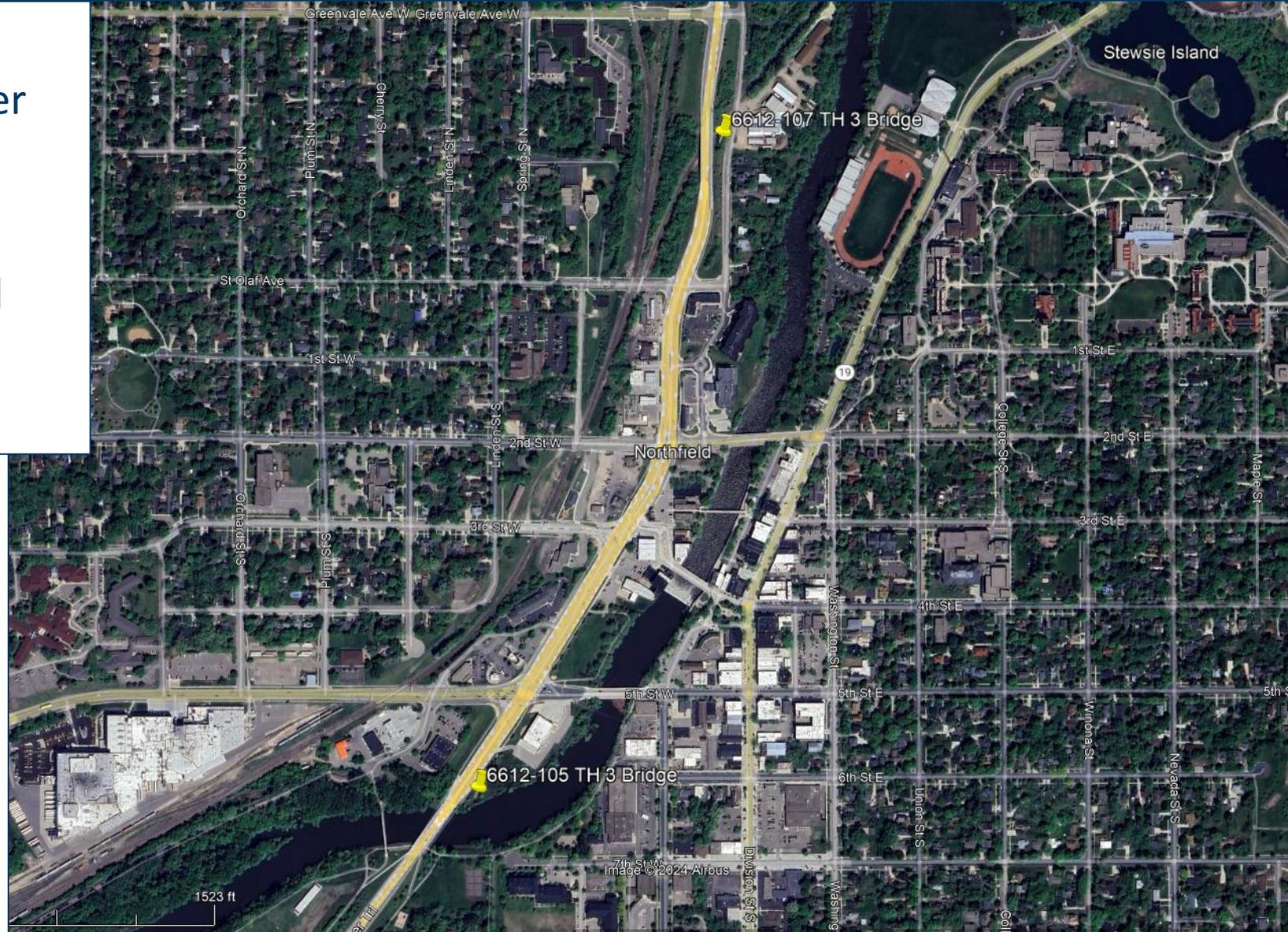
- Northfield area studies overview
- TH 3 Bridges Scoping Study
- TH 3 Dundas Corridor Study
- TH 19 projects update
- Next steps

Studies Overview



Bridge Projects Funding

- SP 6612-105: TH 3 over Cannon River
 - FY 32: \$16 million
- SP 6612-107: TH 3 over UP/PGR Rail
 - FY 33: \$18 million



Bridge 6865 over Cannon River

- 3-span steel beam span (skewed)
- Constructed in 1956
- 4-lane undivided section
- Two 5-foot sidewalks
- Inadequate clearance



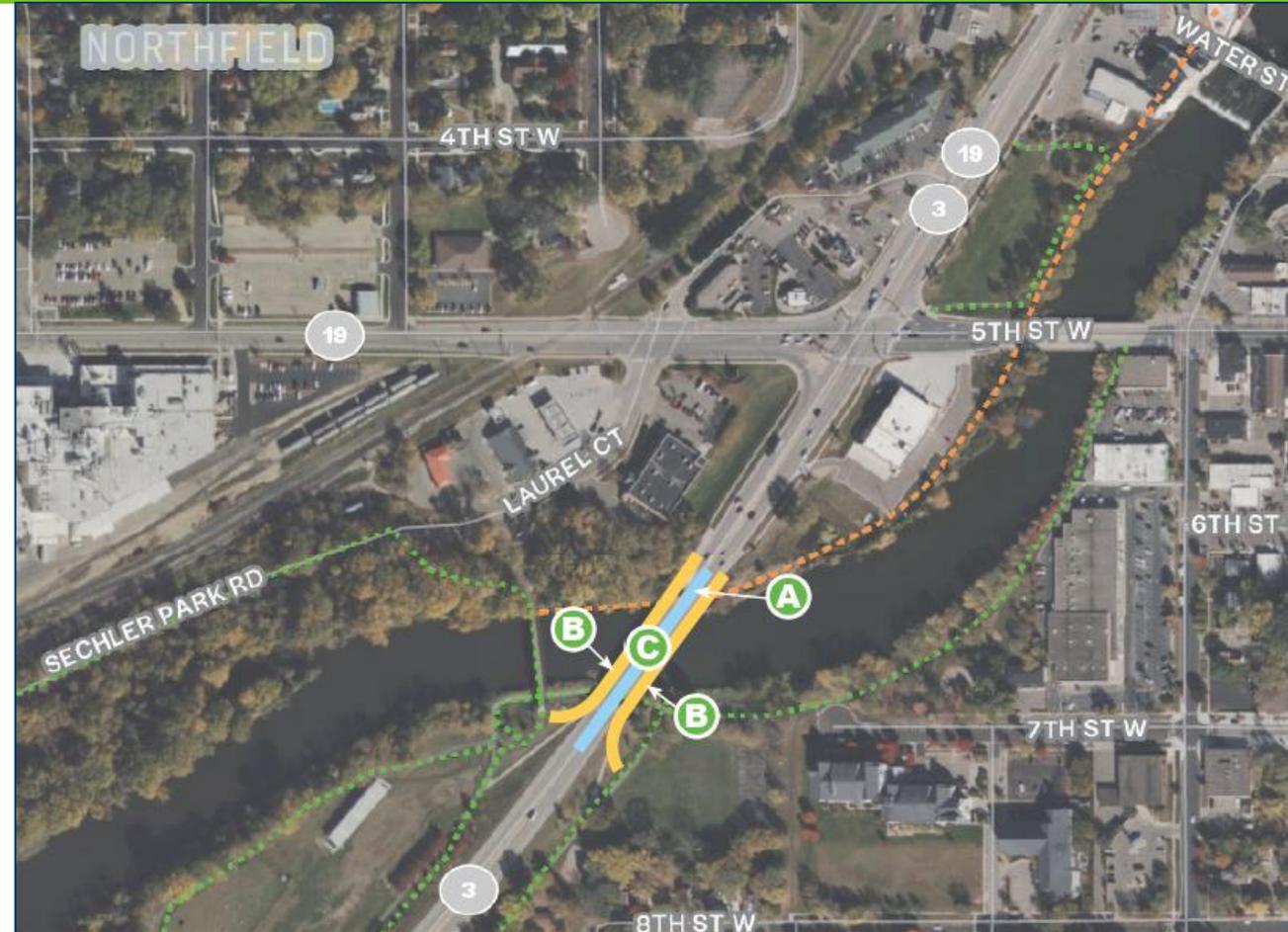
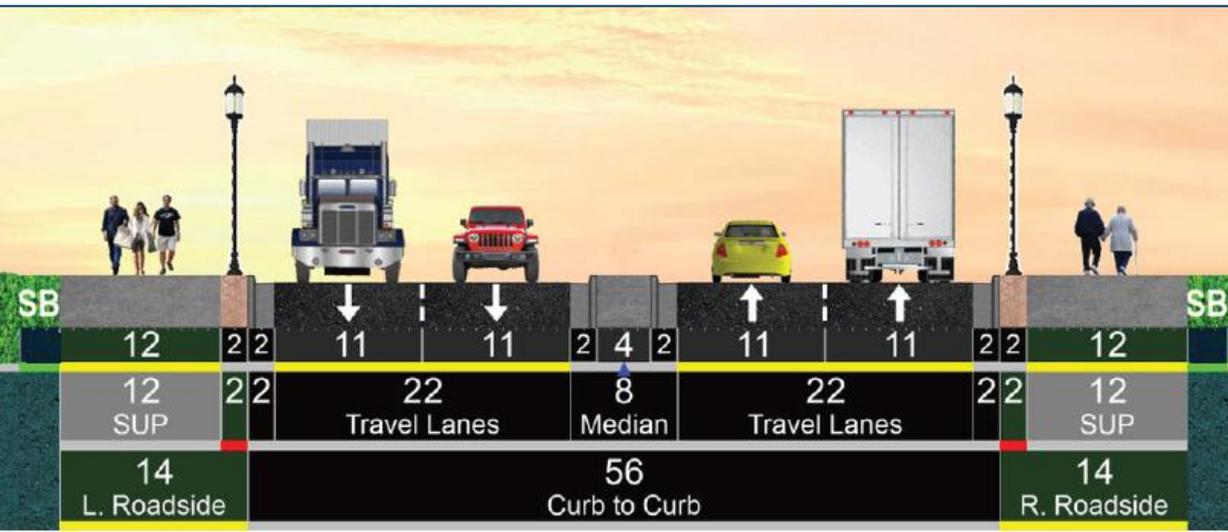
Bridge 6865: Issues and Risks

- Bridge hydraulics
 - Flood study & dam improvement
- TH 19 intersection impacts
 - Planned ADA improvements
- Constructability & MOT
 - Lack of suitable detour route (20,000 AADT)
- Stakeholder/City concerns



Bridge 6865: Bike & Pedestrian Local Feedback

- Project reviewed in August 2023
- 14-foot trail under bridge
 - Both sides of river
- Two separated 12-foot shared use paths
 - Both sides of bridge



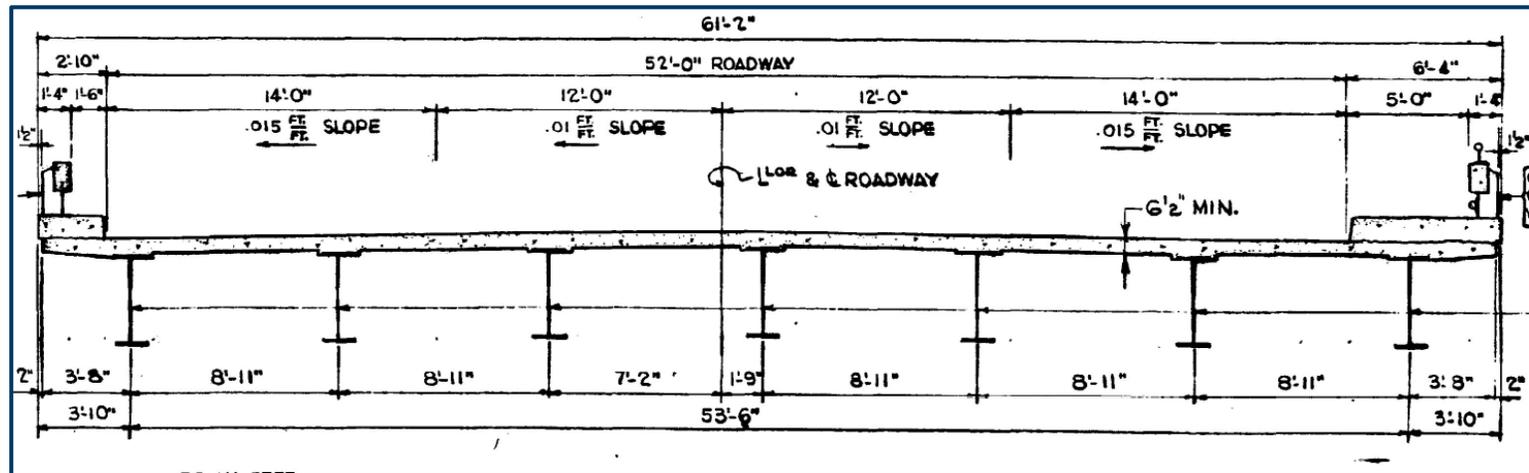
Environmental

- HPZ for Rusty Patched Bumble Bees (both bridges), but impacts should be limited.
- Cannon River is warm water non-trout stream; Work in water restriction dates
- Cannon River identified as:
 - Site of moderate biodiversity
 - Floodplain, public water, and NWI
- Waterford Warriors Snowmobile trail: North of river
- Mill Towns State Trail near Bridge 6865



Bridge 66001 over UP/PGR Railroad

- 3-span steel beam span (skewed)
- Constructed in 1965
- 4-lane undivided section
- 5-foot sidewalk (East side only)



Bridge 66001: Issues and Risks

- Railroad
 - Owned by UP Rail, operated by Progressive Rail
 - ~1 train per day
- Adjacent intersection impacts
 - Left turn lanes: North and south
- Constructability & MOT
 - Lack of detour route (16,400 AADT)
- Stakeholder/City concerns



Bridge 66001: Bike & Pedestrian

- Existing on street bike lanes
 - 5 feet wide south of bridge (Includes gutter)
 - 6 feet wide north of Greenvale (Includes gutter)
- Existing 5-foot sidewalk (East side only)
- Two separated 12-foot shared use paths
 - Local feedback from Bike and Ped Review

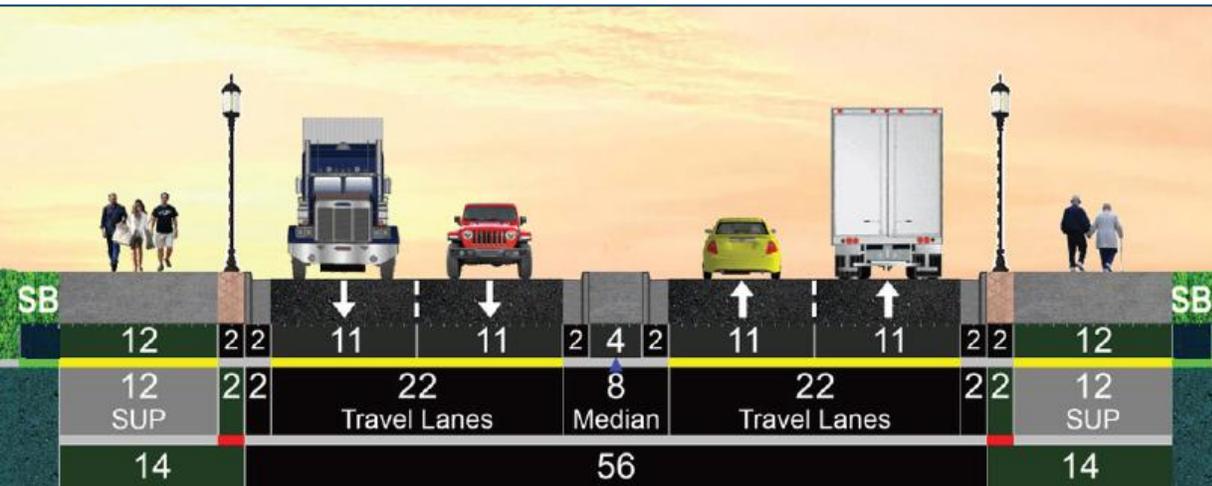


Image © 2024 Airbus

Imagery Date



Bridge Scoping Study
Consultant: Stantec

Scoping Study

- a) Project limits
- b) Bridge
 - i. Cross-section
 - ii. Hydraulics
 - iii. Structure type study
- c) Traffic
 - i. Intersection traffic counts, capacity analysis, & recommendations
 - ii. Constructability & MOT

Scoping Study

d) Design

- i. Concept development/Scoping layout/Conceptual limits

e) Pedestrian and bike facilities

- i. Along and across TH 3

f) Environmental screening

g) Stakeholder engagement

- i. 3 Stakeholder Meetings, 2 In-person Public Open Houses & 2 Virtual Public Engagements

h) Cost estimate and risk identification



TH 3 Dundas Corridor Study
Consultant: WSB

Scoping Study

- Began as Hester St. signal replacement
- Funding issues
- Need to analyze corridor as a system
- Evolved into study from CSAH 20 to CSAH 1



TH 3 Dundas Corridor Study

- a) Traffic counts and forecasting
- b) Operational and safety analysis
- c) Alternatives development (Intersections & local road system from CSAH 1 to CSAH 20)
- d) Access management consideration
- e) Concept development and preliminary layouts
- f) Public engagement to be performed under separate contract

TH 19 Projects Update

TH 19 Project from I-35 to TH 3 in Northfield

- Federal RURAL Grant application was successful. Will be split into 2 separate projects.

- 1) SP 6603-28: Reconstruction from just west of Decker Avenue to TH 3
 - i. New roundabout at Armstrong Avenue
 - ii. Letting: 8/31/2027 (Design-Build)

- 2) SP 6603-30: Mill and Overlay from I-35 to just west of Decker Avenue
 - i. Letting: 4/22/2026

TH 19 Projects Update

- TH 19 RRFBs near Post Consumer Products
 - a) MnDOT working with business on permit to install devices
 - b) Post is shooting to get these systems installed as soon as possible

- TH 3 Bridge Scoping study (Stantec)
 - Beginning Fall 2025

- TH 3 Dundas Corridor Scoping study
 - Beginning Late-summer 2025

Comments/Discussion

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