



INTERSTATE 35W & MINNESOTA RIVER

Metro District

January 16, 2018

Project Goals & Project Scope

- **Project Goals**

- Improved Accessibility
- Improved Safety and Mobility
- Upgraded Bridges and Pavement

- **Project Scope**

- Improve ramp connections at Black Dog Road,
- Extend Truck Climbing Lane south to the entrance ramp from Cliff Road,
- Provide full width outside shoulders,
- Raise elevation of I-35W between Cliff Road and Black Dog Road,
- Replace Bridge on I-35W over Minnesota River, and
- Replace Bridges on I-35W over 106th Street
- Construct Trail Connection from Black Dog Road to Lyndale Avenue.
- Noise Abatement (if reasonable and feasible)

Project Schedule

- Preliminary Geometric Layout Approved: August 2016
- Municipal Consent: November 2017
- Environmental Documentation Complete: April 2018
- Prepare Design-Build RFP: January 2018
- Release RFP: February 2018
- Design-Build Letting: May 9, 2018
- Construction Start: July/August 2018
- Construction End: November 2021

Project Funding

- Project has been fully funded for the May 9, 2018 letting utilizing federal dollars with State Match.
- No local participation being requested from either city.

Maintenance Of Traffic During Construction

- Corridor currently provides for seven lanes of traffic (3 NB and 4 SB)
- Contractor will be allowed to restrict traffic to 5 lanes (2 GP NB, 2 GP SB, 1 rev. MnPASS)
 - Anticipated from Spring of 2019 to Summer of 2020.
- The Contract will include provisions to incentivize the minimization of the 5 lane configuration and get to a 6 lane configuration (2 GP and 1 MnPASS per direction)

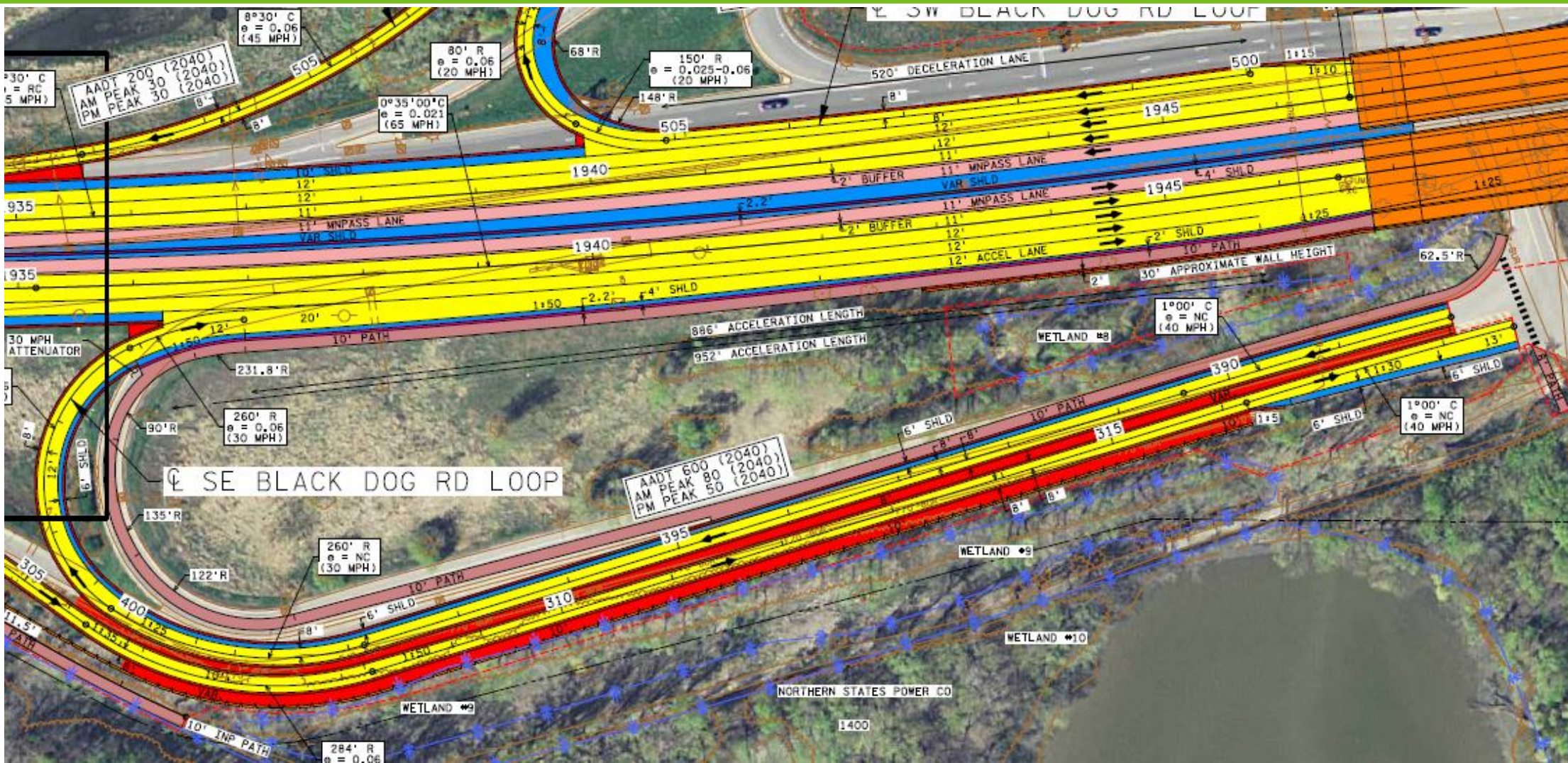
Maintenance of Traffic (Ramp Access)

- Ramps at Cliff Road will restrict the closure for a maximum of 90 days
 - Entrance from Cliff to NB I-35W
 - Exit from SB I-35W to Cliff
 - Detour via I-35W and TH 13
- Ramps at Black Dog Road will be required to provide access at all times
 - Detours via 35W, 98th Street, and TH 13.
- Ramps at 106th Street (South Side) detoured via I-35W and 98th Street

Project Aesthetics

- Visual Quality Elements evaluated as part of project development:
 - Trail location
 - Rip Rap and Wing Walls
 - Bridge Piers
 - Bridge Railings
 - Retaining Wall Design
 - Entry Monuments
 - Landscaping Opportunities

Trail Location South Side

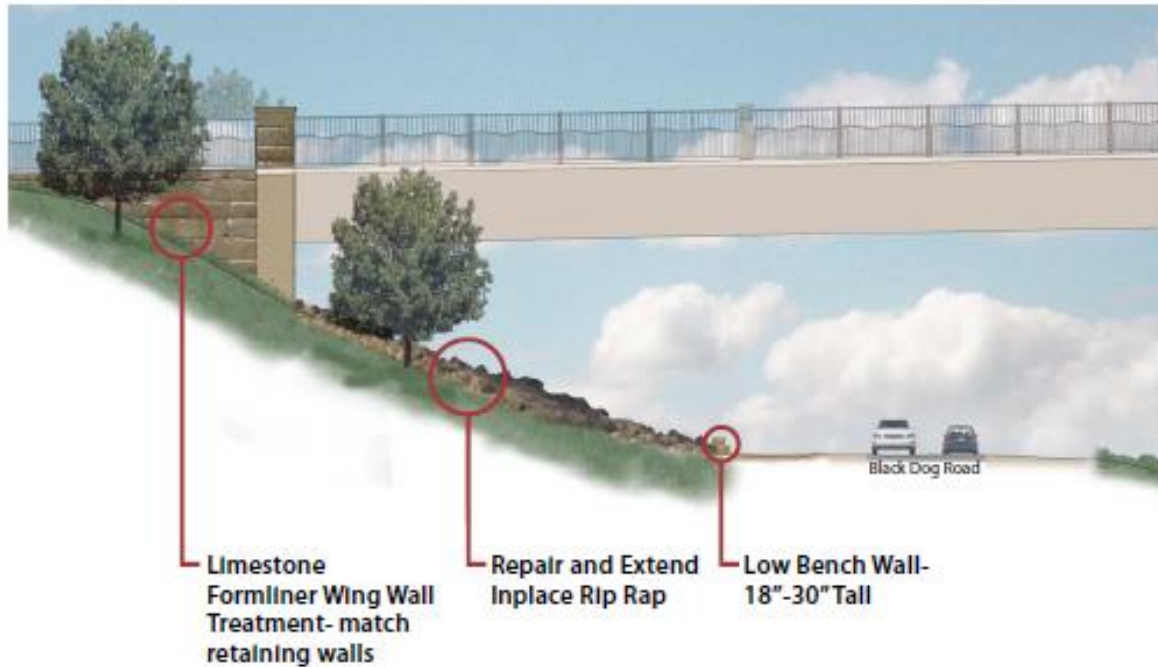


Trail Location North Side



Wing Walls and Rip Rap

South Side Slope Treatment



North Side Slope Treatment

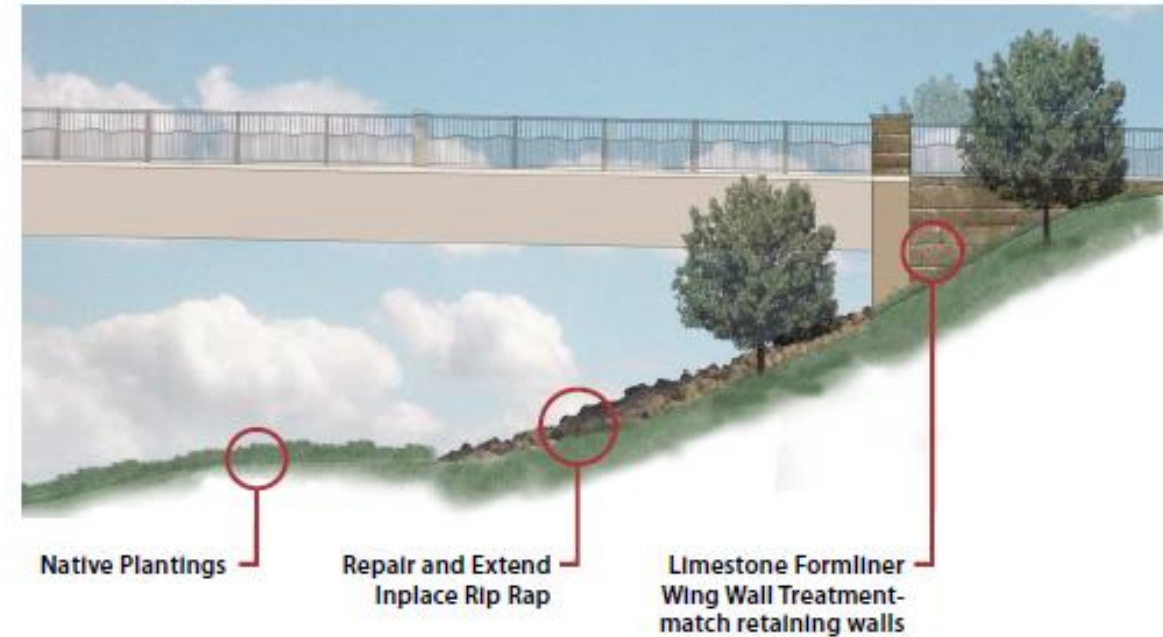


Figure 2.13 Slope Treatment & Wing Wall Elevation

Piers

Bloomington Side: Alternate Veining

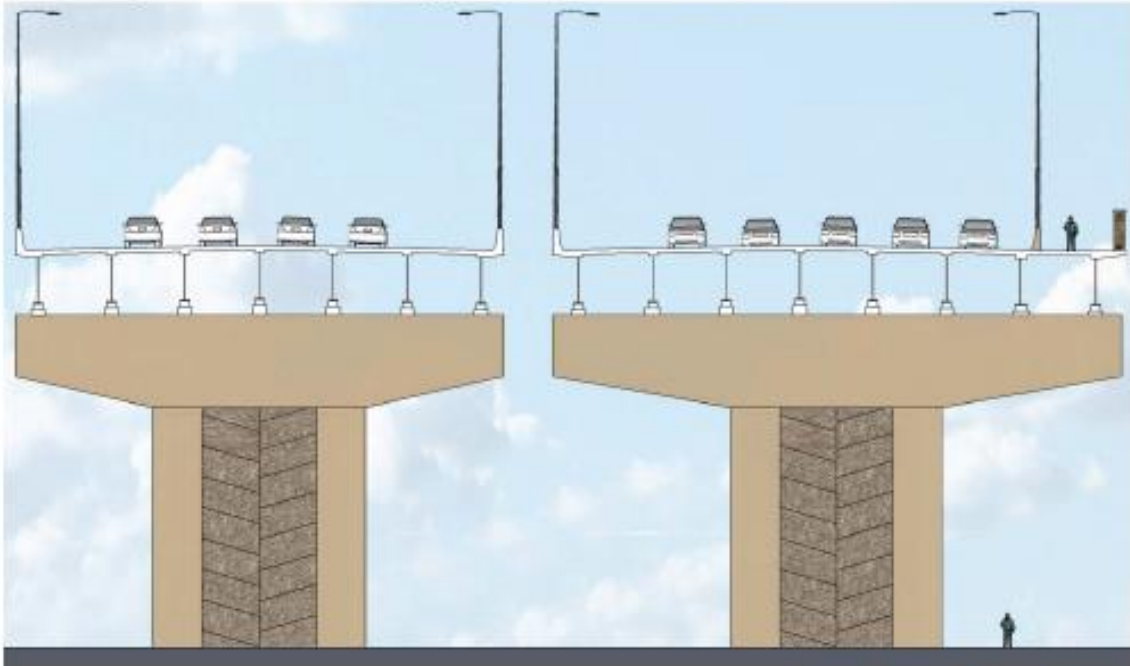


Figure 2.5 North Side Bridge Pier Elevation

Burnsville Side: Opposite Veining

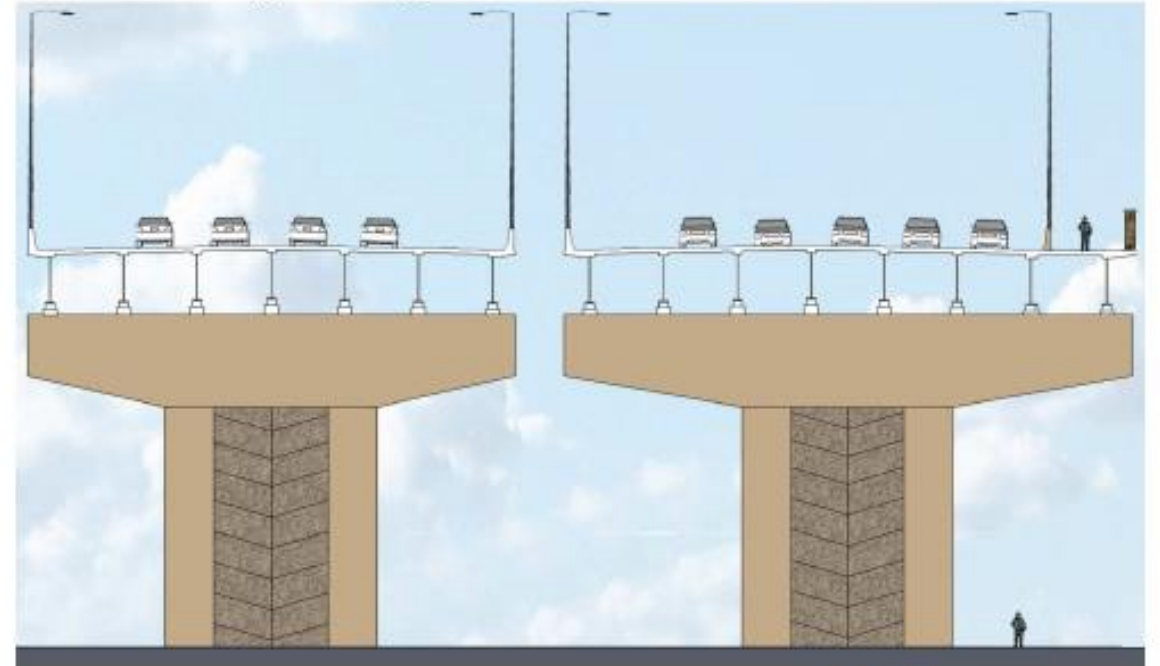


Figure 2.6 South Side Bridge Pier Elevation

Bridge Railings



Figure 2.15 Ornamental Wave Railing

Type F
Concrete
Barrier

Shared Use
Path

Wave
Ornamental
Railing

Retaining Wall Design



Figure 2.23 Retaining Wall Axon

Retaining Wall Axon



Figure 2.24 Retaining Wall Axon

Concrete Pylon:
extends 8" beyond face
of wall & top of wall

PIP Formliner
Wall

Native
Vegetation

Entry Monuments

Entry Monument Front Elevation



Figure 2.27 Entry Monument Elevation

Entry Monument Axon



Figure 2.28 Entry Monument Axon

Vein Inset:
Set back 2" on
outside edges from
pylon face

106th Street Bridge



Landscape Approach



Landscape Approach



Local Agency Items

- Pedestrian lighting on Bridge and Monuments
 - It was decided not to provide for pedestrian lighting on the bridge, but a conduit will be installed in the railing, such that it could be added in the future.
 - The entry monuments will be down-lit
 - MnDOT will own and maintain the entry monuments and therefore will pay for the lights and the ongoing maintenance of those lights.
- City emblems on entry Monuments
 - We will work with the cities to develop emblems that can be mounted to the entry monuments.
 - Provides more flexibility into the future if logos change and it can be handled through a permit process.

Upcoming Events

- Public Hearing for Environmental Document was held on January 11, 2018
- Lakeville City Council meeting on January 22nd.
- Public comment period on environmental document ends January 25th.
- Voting on potential noise barrier in Bloomington ends January 25th.
- Coordination with cities and businesses regarding project(s) is ongoing.

Thank you again!

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