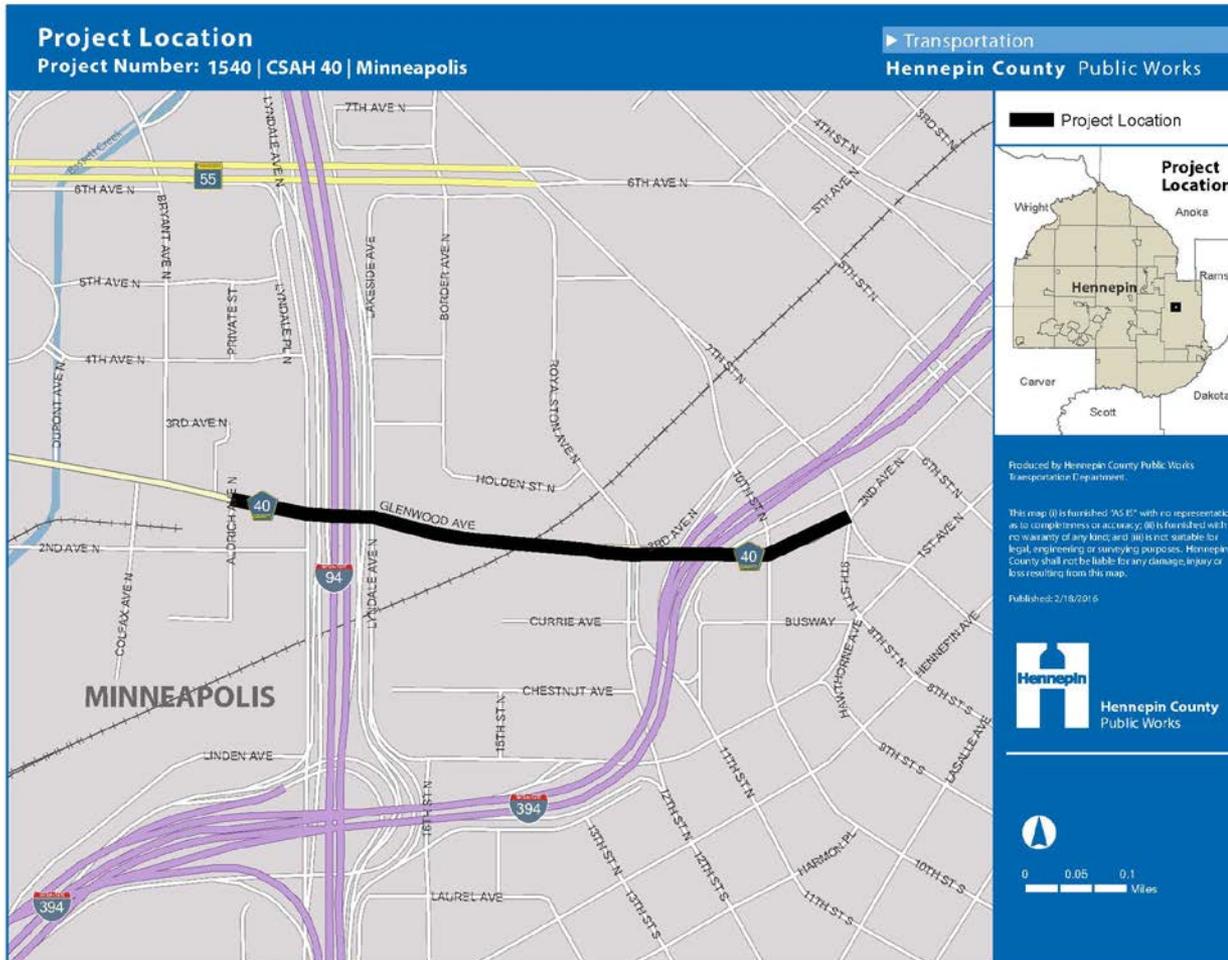


Glenwood Avenue Improvements



Transportation and
Public Works
Committee -
Minneapolis City
Council

November 7, 2016

Kristy Morter, P.E.
Hennepin County
Transportation Department



Project Background & Need

Background:

- ❑ Arterial reliever to TH 55
- ❑ 2-lane urban section with on-road striped bike lanes and sidewalks
- ❑ Posted speed: 30 mph
- ❑ Traffic volumes (2016): 2,400 – 8,000
- ❑ Bike volumes (2014): 310; Pedestrian volumes (2014): 870
- ❑ Metro transit bus route 9 (2012): 2,555
- ❑ Land use – primarily commercial, industrial



Glenwood Avenue Improvements

Project Background & Need (cont.)

Need and Goals:

- ❑ Improve pedestrian and bicycle connectivity to future Royalston light rail transit (LRT) station
- ❑ Improve facilities, streetscapes and street crossings for pedestrians and bicyclists
- ❑ Accommodate the Southwest LRT bridge reconstruction
- ❑ Improve road condition

Estimated Cost of \$4.2 Million

Cost Breakdown:

\$3,360,000 (80%) Hennepin County

\$840,000 (20%) Minneapolis



Project Coordination

Metropolitan Council /Metro Transit

- ❑ Southwest LRT
- ❑ Bottineau LRT
- ❑ C-Line BRT

Minneapolis

- ❑ 7th/2nd/Glenwood Ave intersection reconstruction (2016)
- ❑ Border Ave connection
- ❑ TOD (Wrecker site)

MnDOT

- ❑ I-94 bridge repairs and resurfacing (2017)

Public Involvement

Meetings involving the community/stakeholders to date:

- ❑ Hennepin County & Minneapolis Bicycle Advisory Committees – April 2016
- ❑ Minneapolis Pedestrian Advisory Committee – April 2016
- ❑ North Loop Neighborhood – July 2016
- ❑ Harrison Neighborhood – August 2016
- ❑ Open House – October 18, 2016
- ❑ Property Owner Meetings
 - ✓ Catholic Charities
 - ✓ International Market Square
 - ✓ BRIN Northwest Glass
 - ✓ Lee's Liquor Lounge

Public Involvement (cont.)

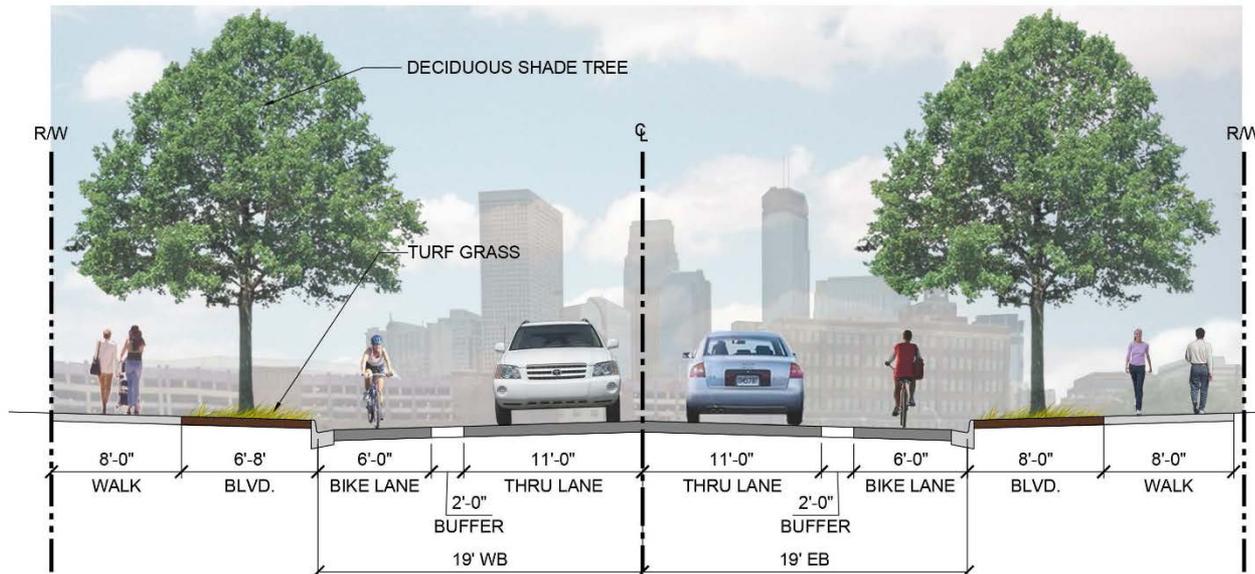
Community Feedback:

- ❑ Sidewalks in bad shape
- ❑ Access during construction
- ❑ Bike lane extension to 7th St
- ❑ Wayfinding improvements to Cedar Lake Trail
- ❑ Addition of boulevard/green space supported
- ❑ Lighting improvements needed
- ❑ North Minneapolis Bicycle Advocacy Council advocating for protected bicycle lanes

Proposed Improvements

Proposed Improvements:

- ❑ Two - 11 foot travel lanes with turn lanes at critical locations
- ❑ 6 foot bike lanes with 2 foot striped buffer
- ❑ Increased pedestrian/sidewalk space (blvd in some locations)
- ❑ Improved pedestrian facilities (ADA compliance), APS, and lighting
- ❑ Streetscape/Landscape Improvements (trees, sidewalk enhancements)



Proposed Improvements (cont.)

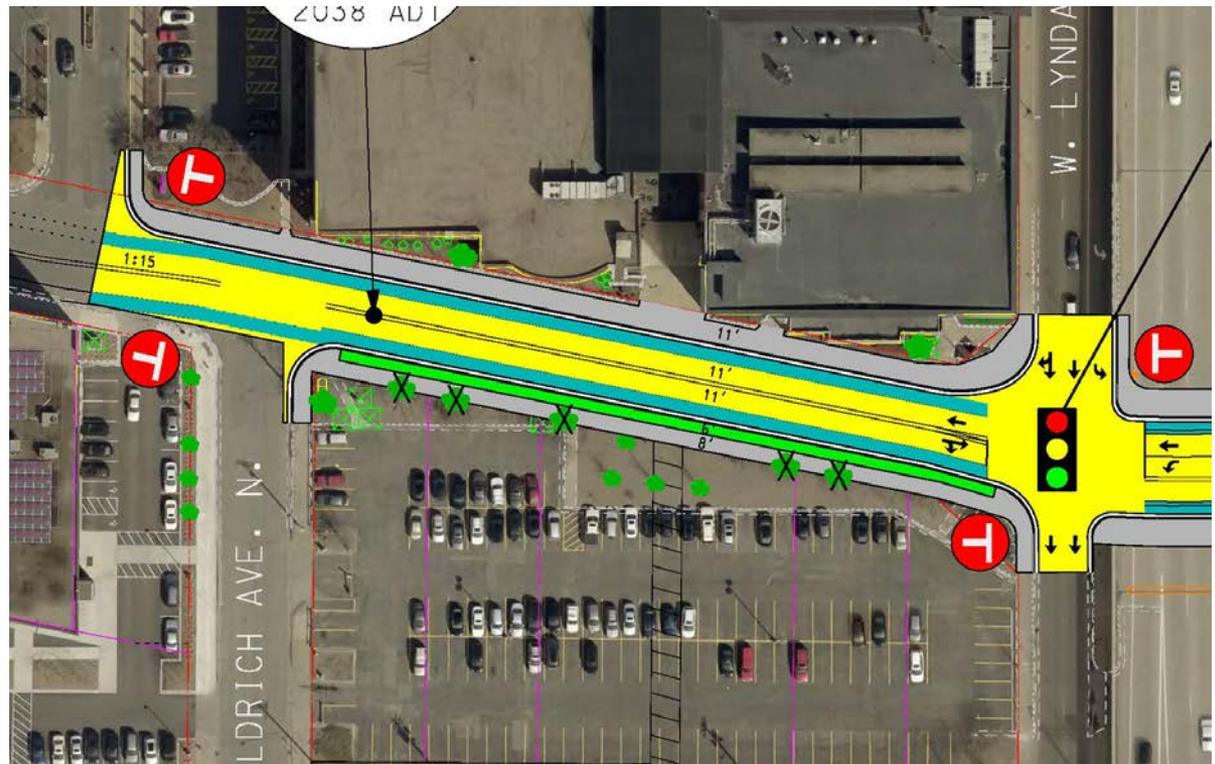
Aldrich Avenue to W Lyndale Avenue:



Existing Condition



Proposed Condition

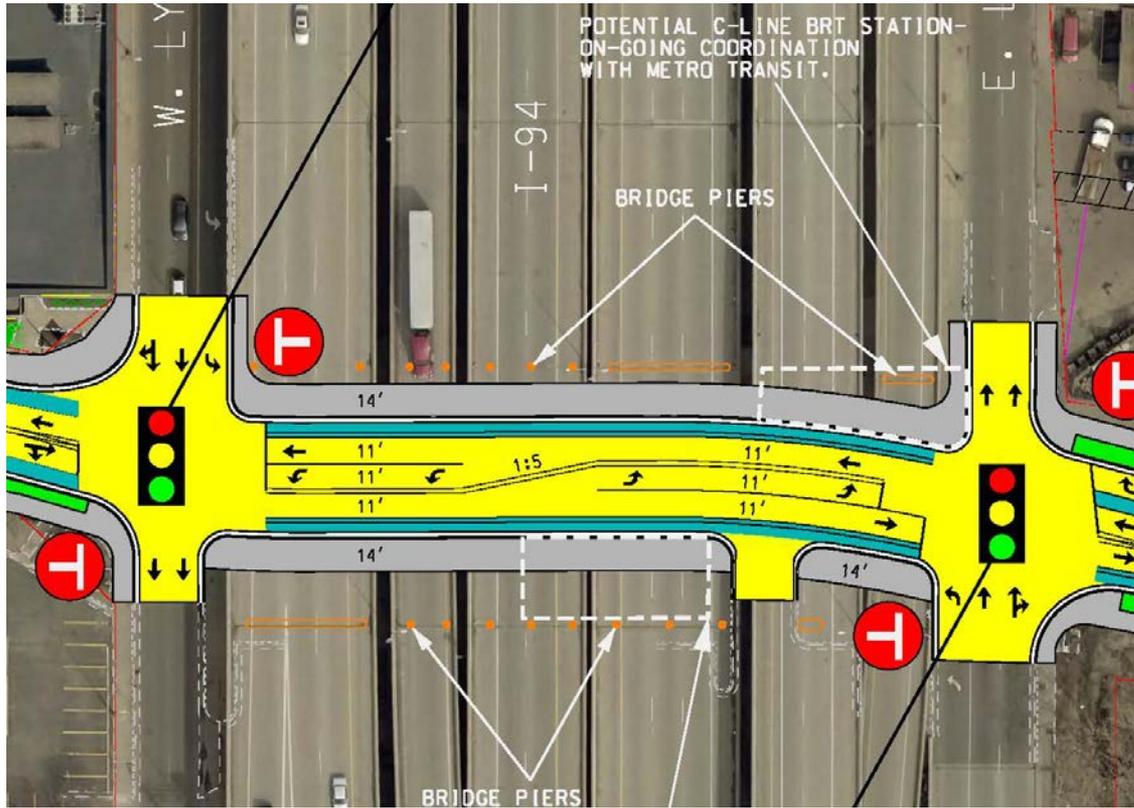


Glenwood Avenue Improvements



Proposed Improvements (cont.)

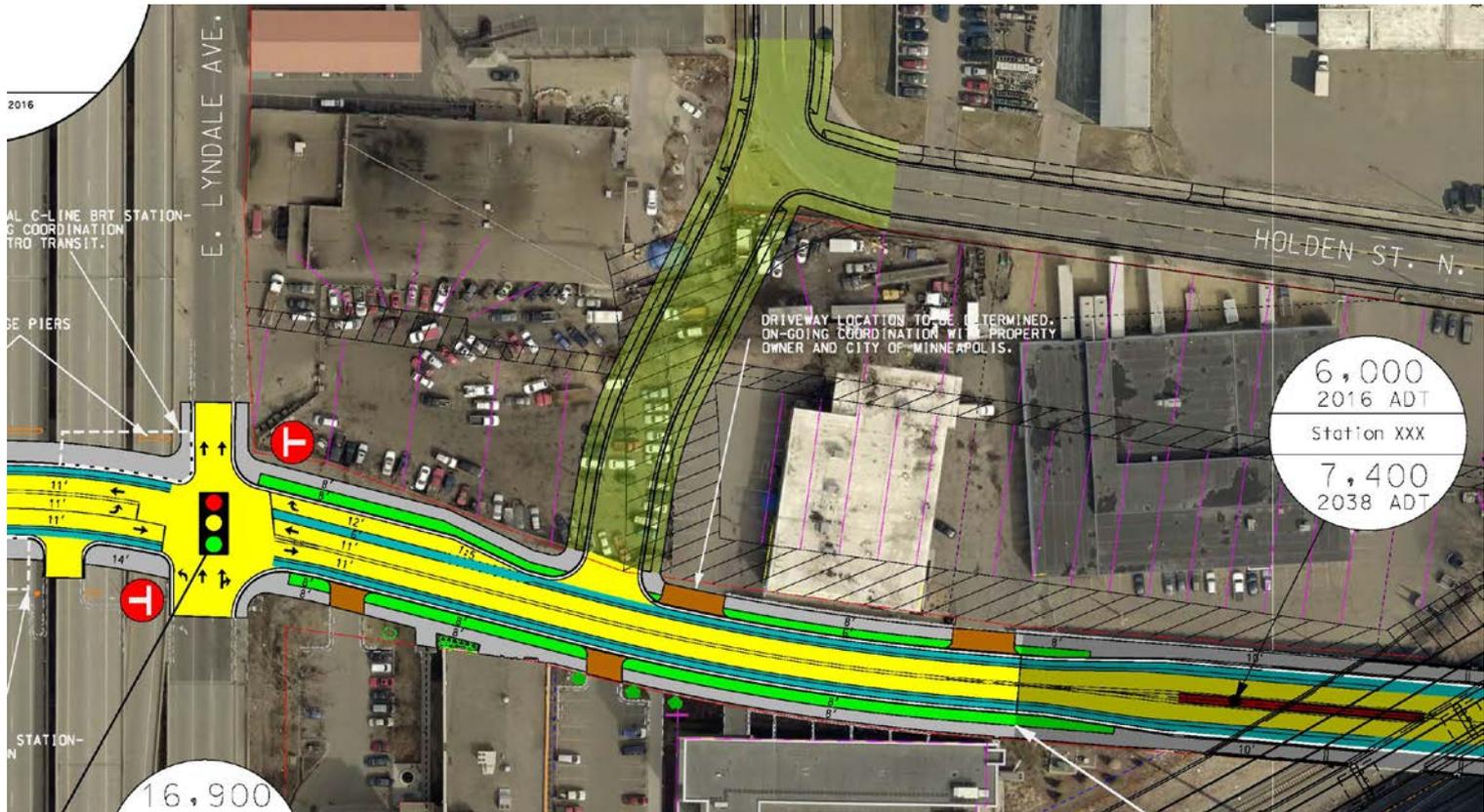
W Lyndale Avenue to E Lyndale Avenue:



Pedestrian Scale Lighting Under Bridge

Proposed Improvements (cont.)

E Lyndale Avenue to Southwest LRT limits:

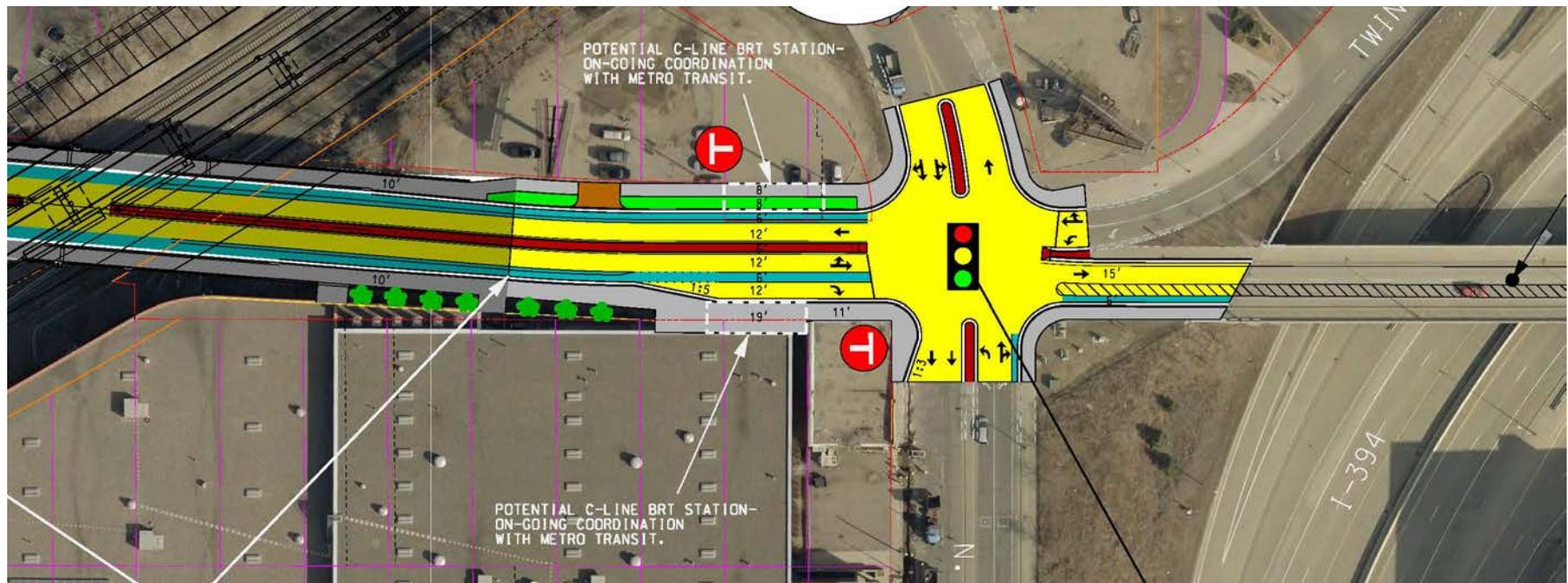


Glenwood Avenue Improvements



Proposed Improvements (cont.)

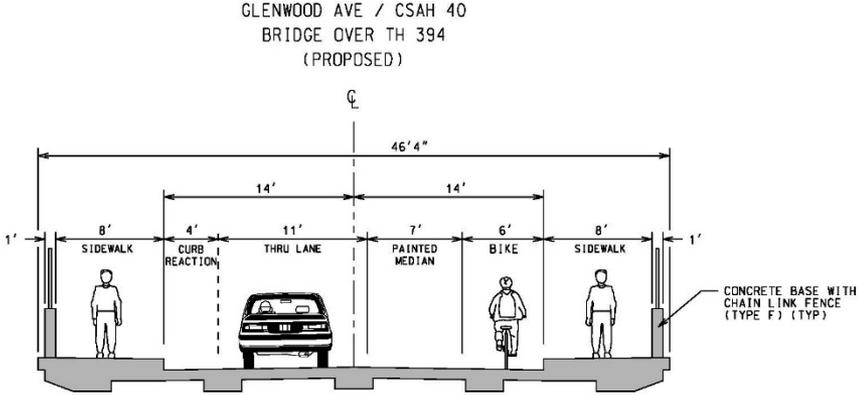
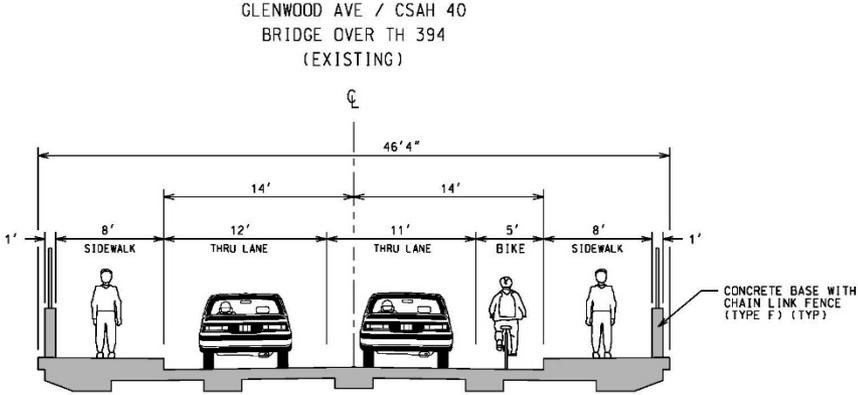
Southwest LRT limits to I-394 Bridge:



Bicycle Movements through the intersection:

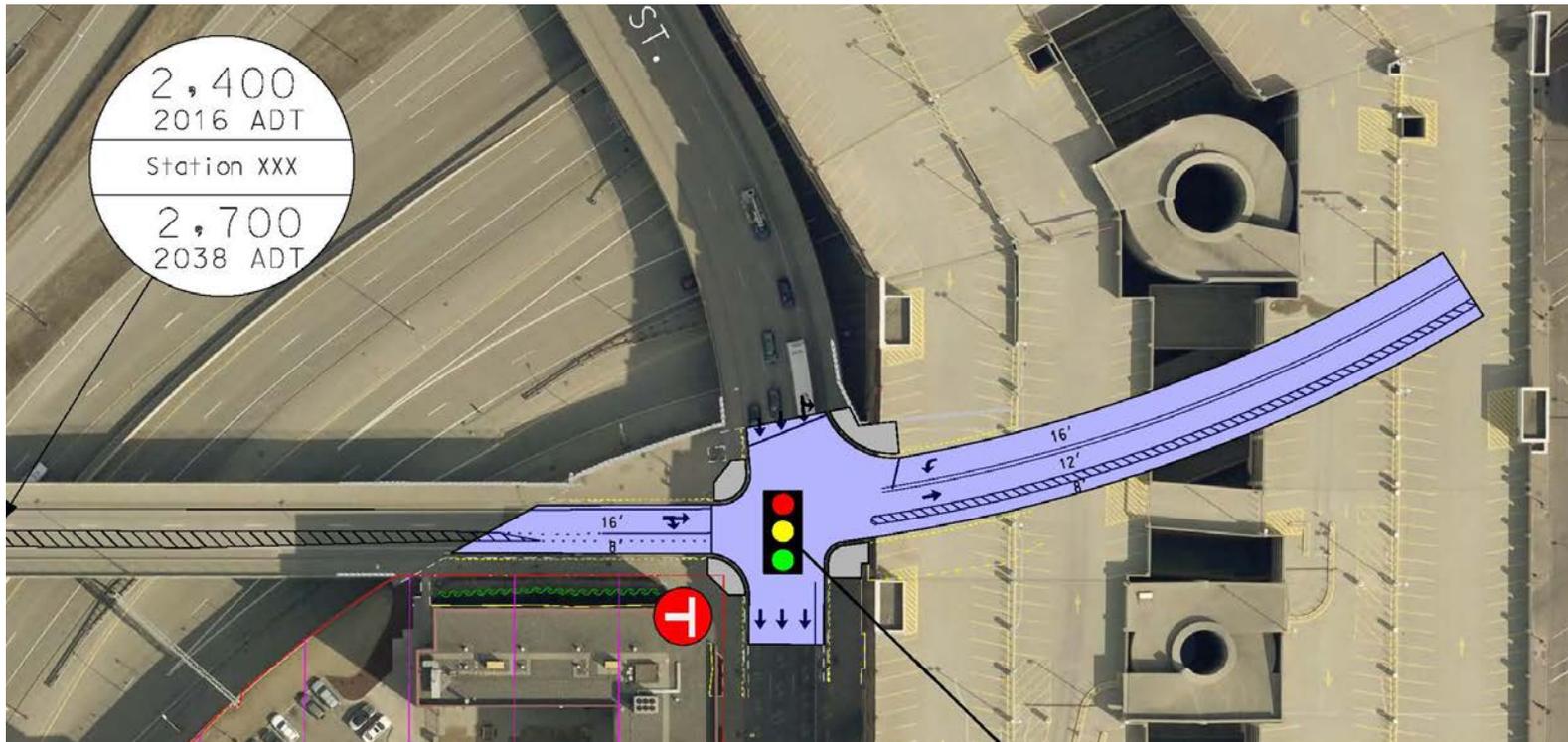
- Two-stage turn queue boxes
- Crossing markings

Proposed Improvements (cont.)



Proposed Improvements (cont.)

I-394 Bridge to 7th Street:



Project Schedule

Milestone	Anticipated Date
Minneapolis Layout Approval	November 2016
Detail Design	2017
State Aid Variance Request Process	January 2017 – March 2017
Construction	2018 or 2019 to be coordinated with SWLRT project
Coordination with other projects in the area	On-Going

Thank you!

Questions?

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