



METRO Orange Line Update

35W Solutions Alliance

July 9, 2015

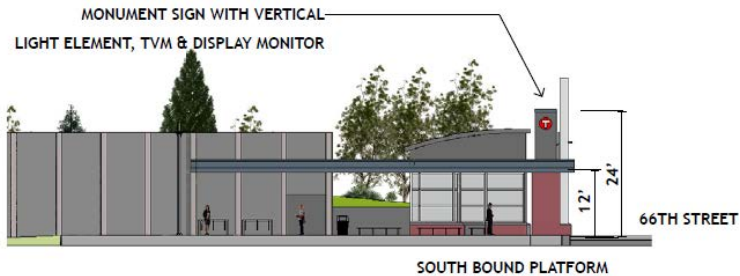
Charles Carlson, Senior Manager
BRT/Small Starts Project Office



Project Facts

- 17 miles, 11 stations, Guideway Improvements
 - Minneapolis (2 stations + downtown)
 - Richfield (2 stations)
 - Bloomington (2 stations)
 - Burnsville (1 station)
- Major accessibility improvements
- 2040 Daily Ridership: 26,500
 - 11,400 on BRT
 - 15,100 on 35W Express routes

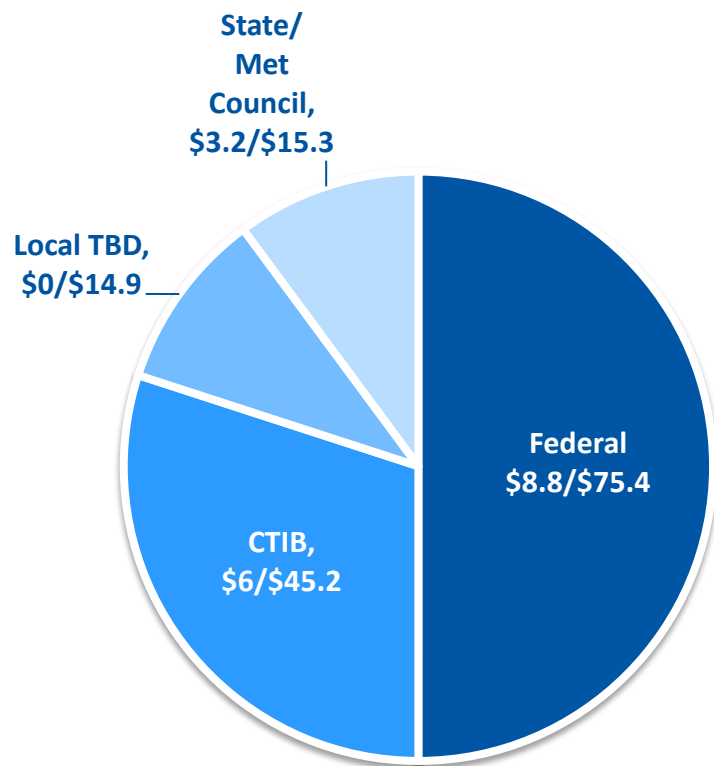
Today's Topics



- Funding Update
 - Local
 - State
- Knox Avenue Guideway
- Downtown Alignment Options
- Burnsville Station
- Look-ahead

Orange Line Funding

- Estimated Capital Cost: \$150M (2017 \$)
- Funds secured: \$18M (12%) in 2014

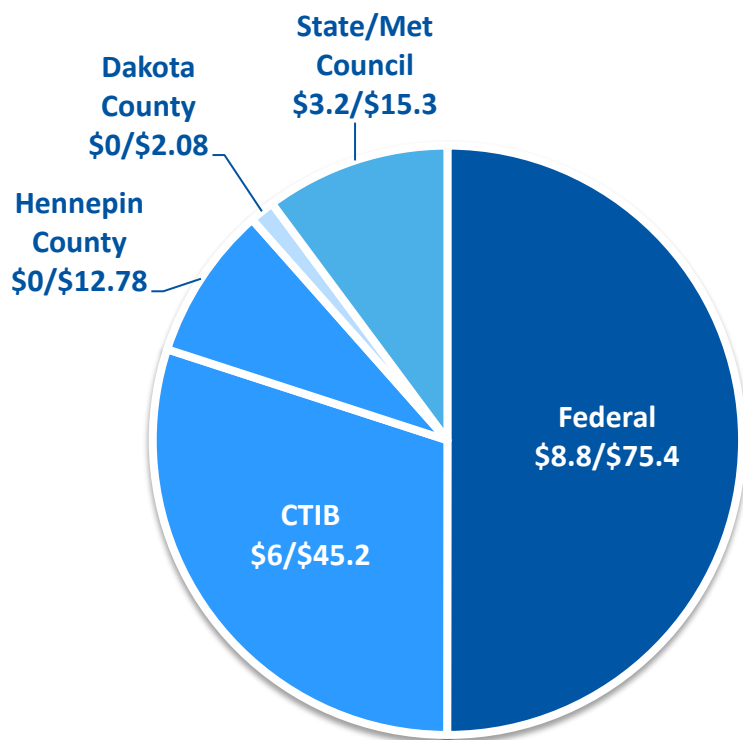


**Anticipated Capital Sources,
in Millions** (secured/total, \$MM)

Anticipated Funding Participation

- 50% Federal
- 30% CTIB
- 10% State
- 10% Local

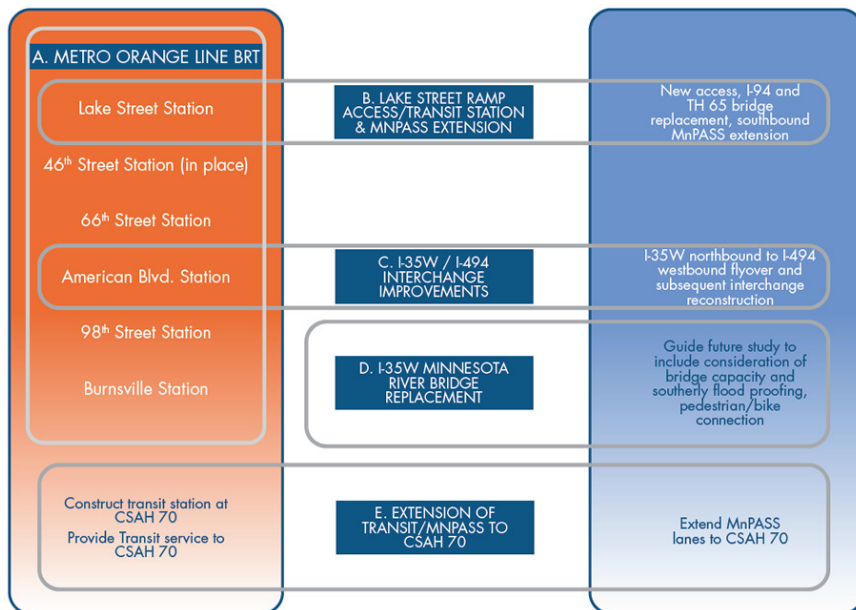
Local 10% Share- Proposal



**Anticipated Capital Sources,
in Millions** (secured/total, \$MM)

- Developed jointly by staff at two counties
 - \$12.78M - Hennepin (86% of local share)
 - \$2.08M - Dakota (14% of local share)
 - Based on corridor length and new stations
- Timing of local funding commitments
 - Agreement to overall shares, due to CTIB on 9/1
 - For annual CTIB capital grants incl. 2016 grants
 - Full commitment for 2016 FTA project rating
- Use of funds in advance of FTA Commitment
 - Mitigate project risks prior to FTA evaluation
 - Increase FTA Small Starts financial rating
 - Advance time-sensitive coordinated projects

State 10% Share



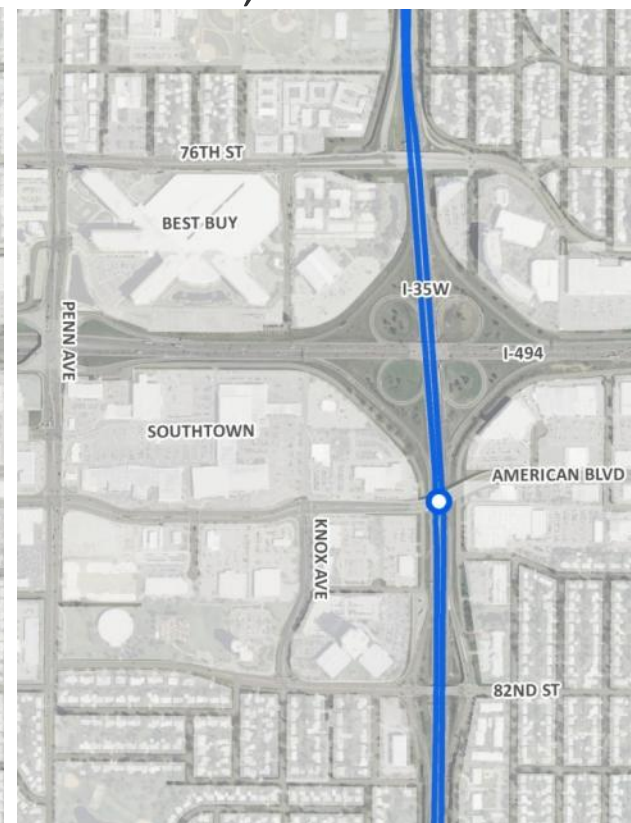
- \$15.1 million total state project share
 - \$3 million 2014 bonding and appropriation
 - **\$12 million remaining need for 2016**
 - Critical for Lake Street 2017 construction
 - Necessary for successful FTA application
 - Leverages CTIB and local funding
- Other needs in 2016- Orange Line related
 - Lake St. Transit/Access project non-transit share
 - Advocacy in advance of March 2016 session

2014 Project Planning: Knox Avenue Decision

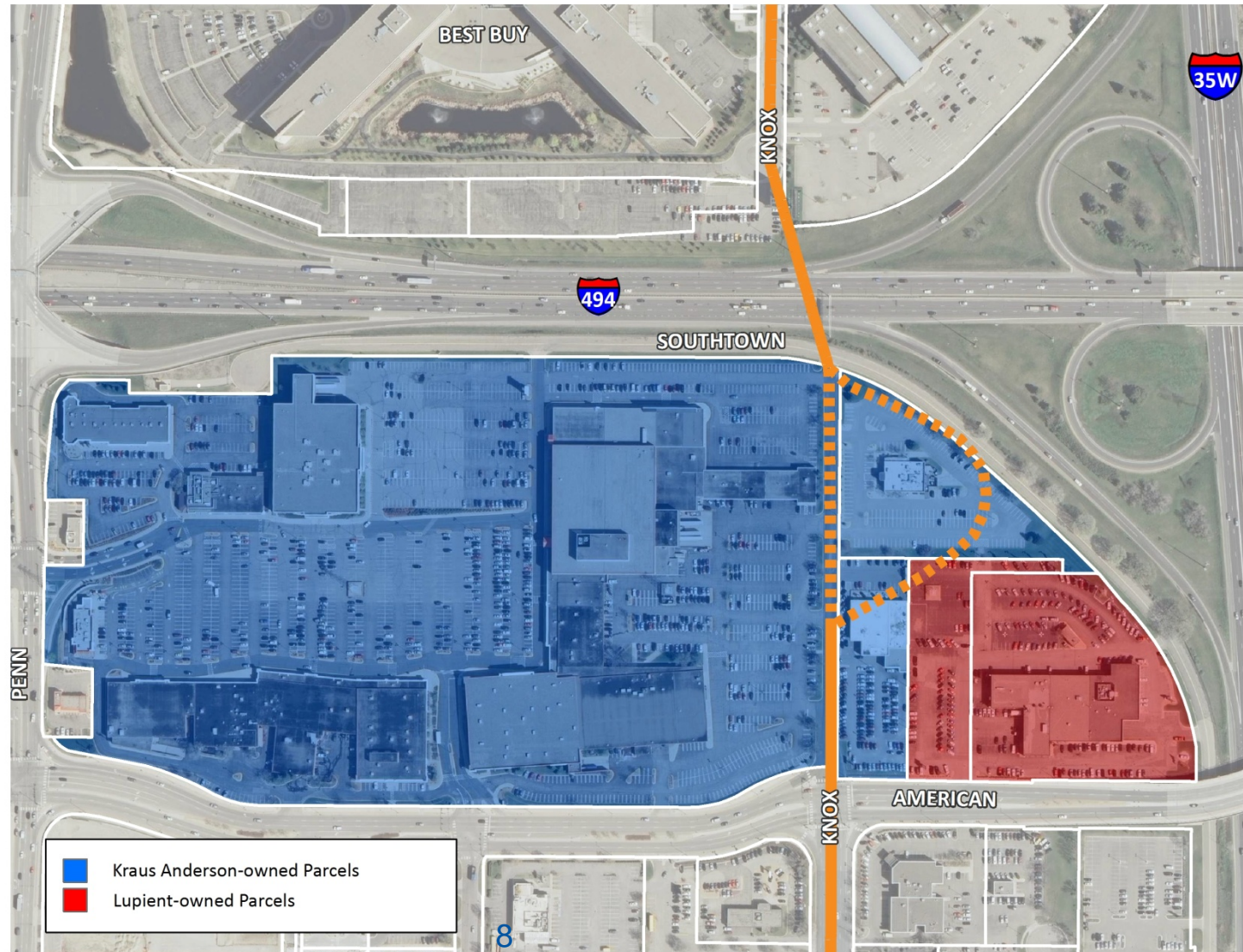
17,000 RESIDENTS
13,400 JOBS

12,800 RESIDENTS
13,100 JOBS

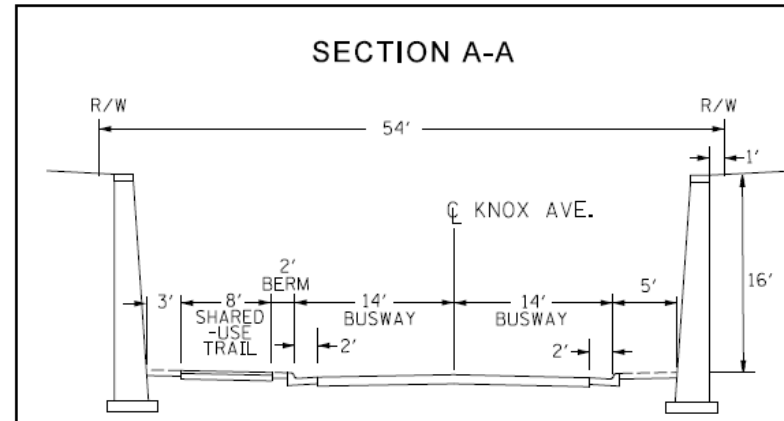
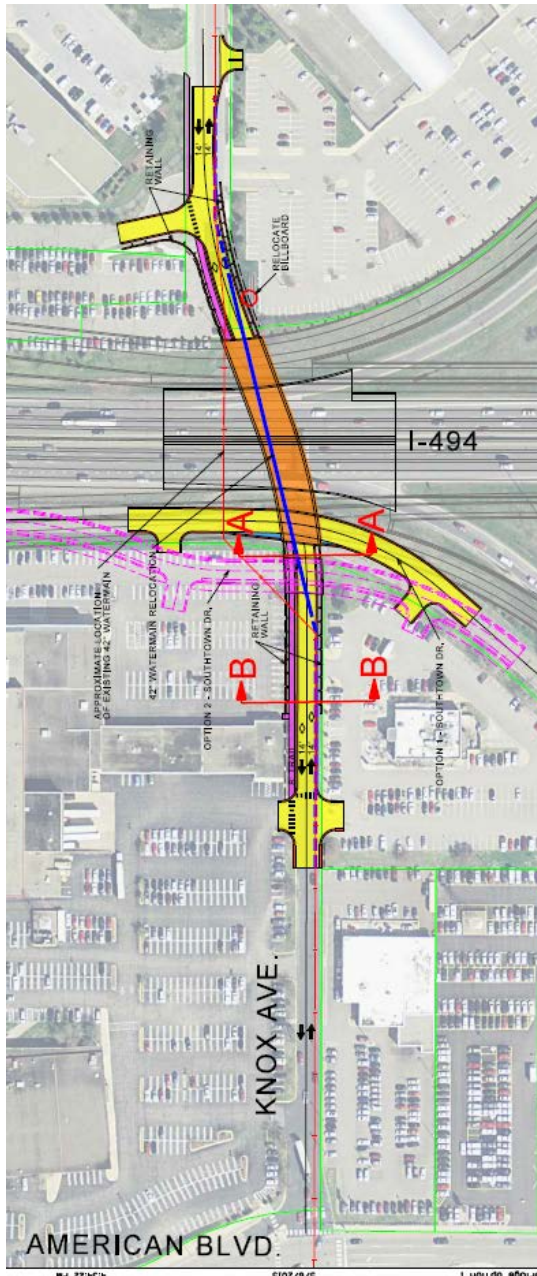
4,600 RESIDENTS
8,100 JOBS



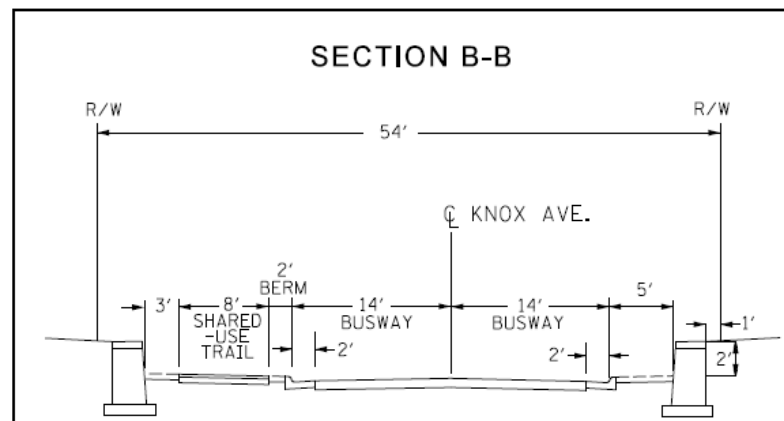
Knox Avenue Refinement: Orange Line Routing Options



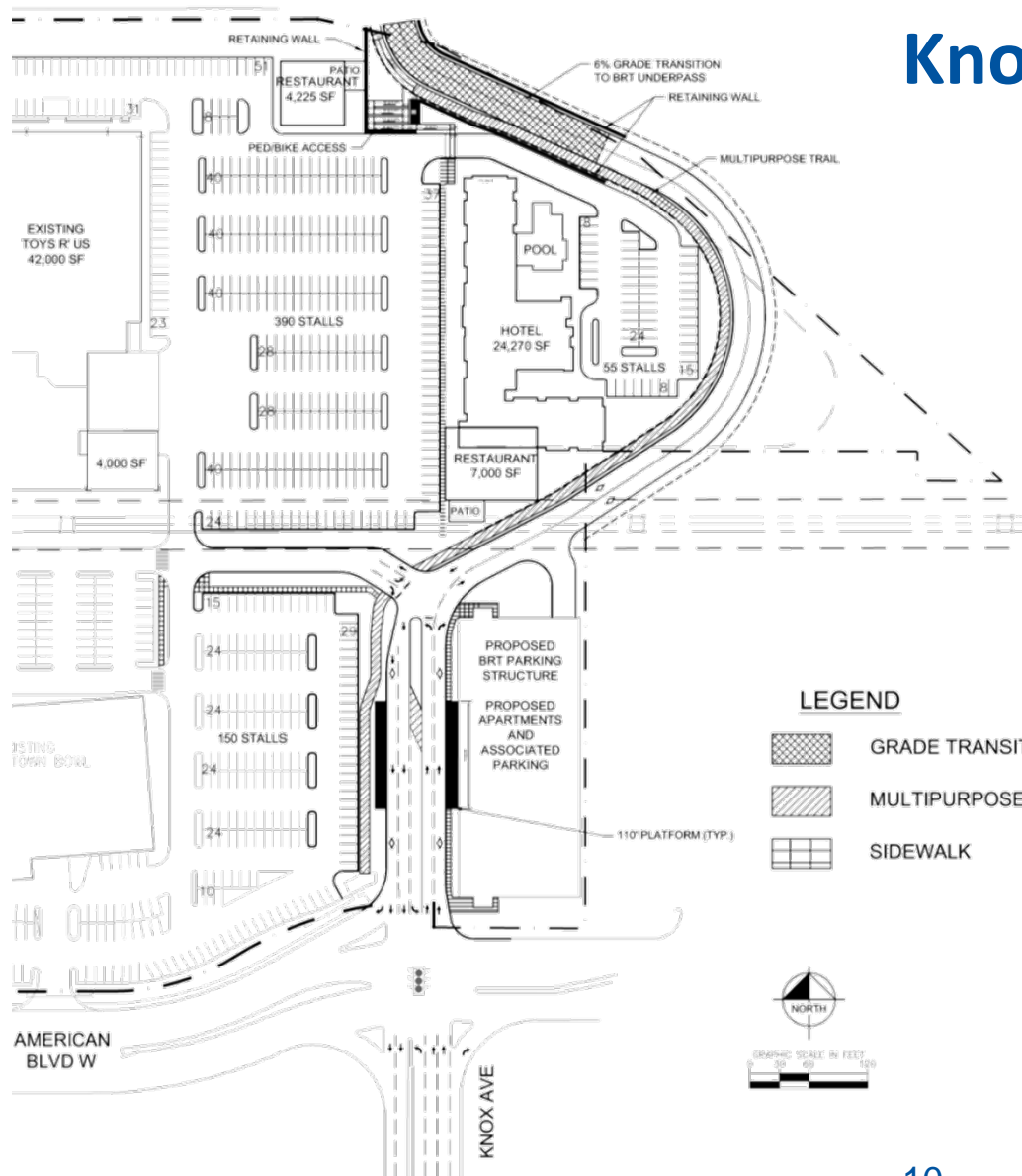
Knox Avenue: Direct Route



*Design concepts provided
by Metro Transit*

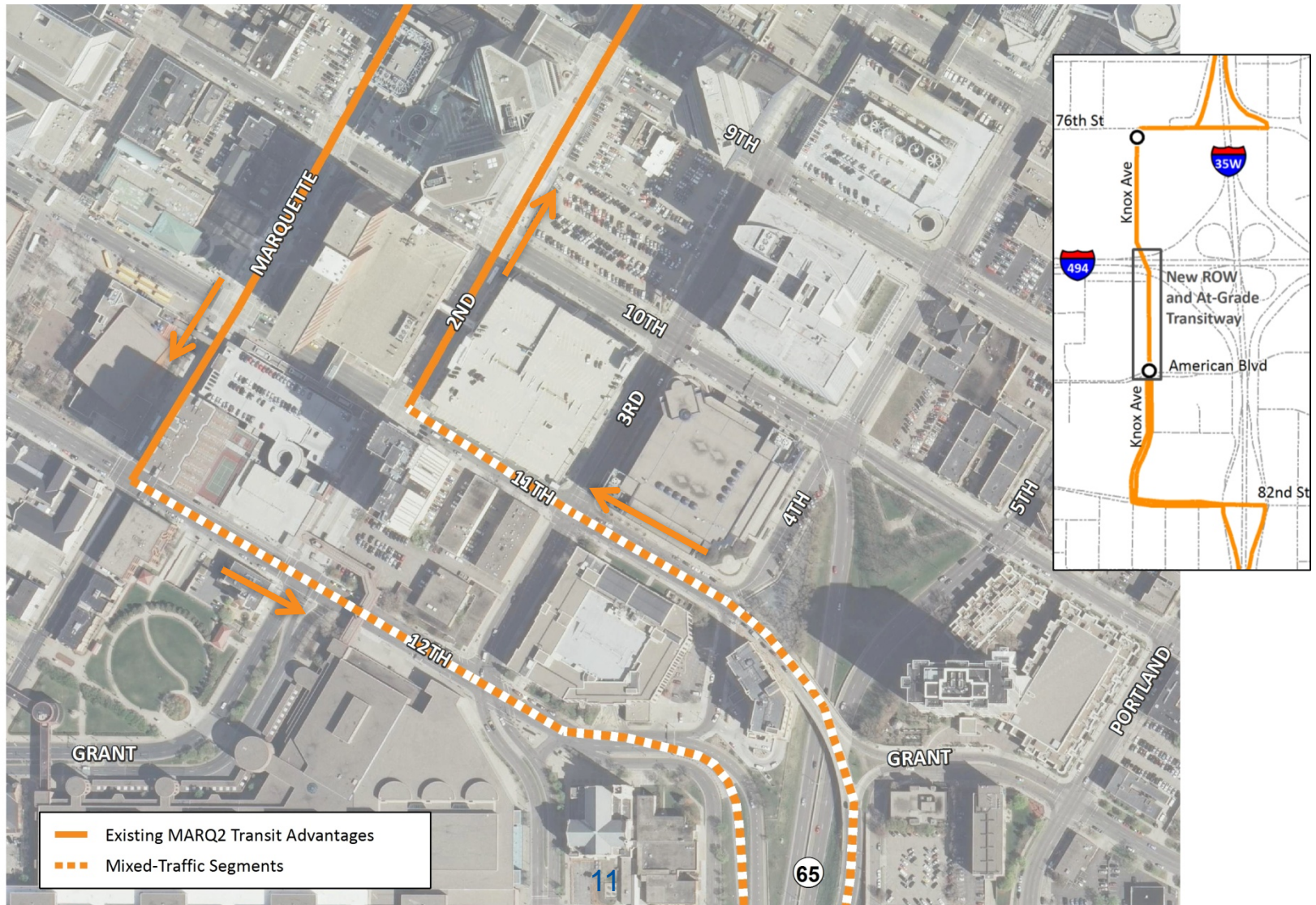


Knox Avenue: Bowed Route

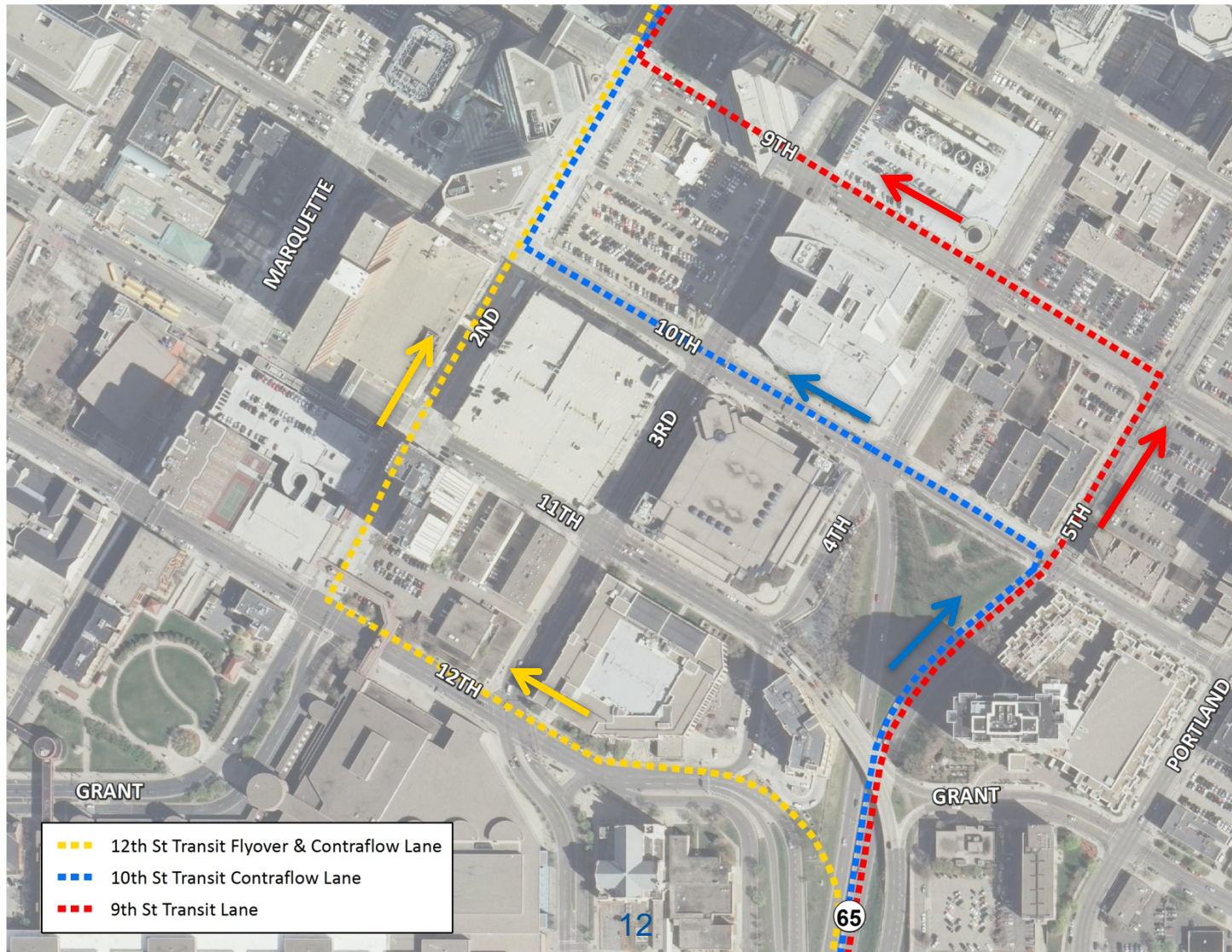


*Design concepts
provided by
property owner*

Existing MARQ2/Orange Line Routing



Downtown Orange Line Routing Concepts

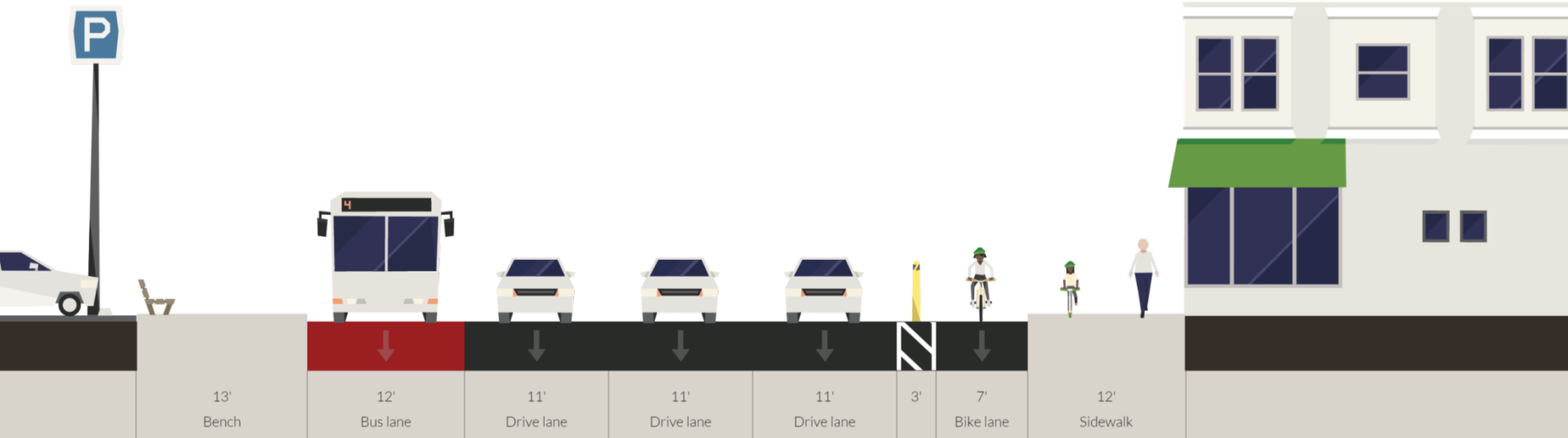


9th Street - Existing

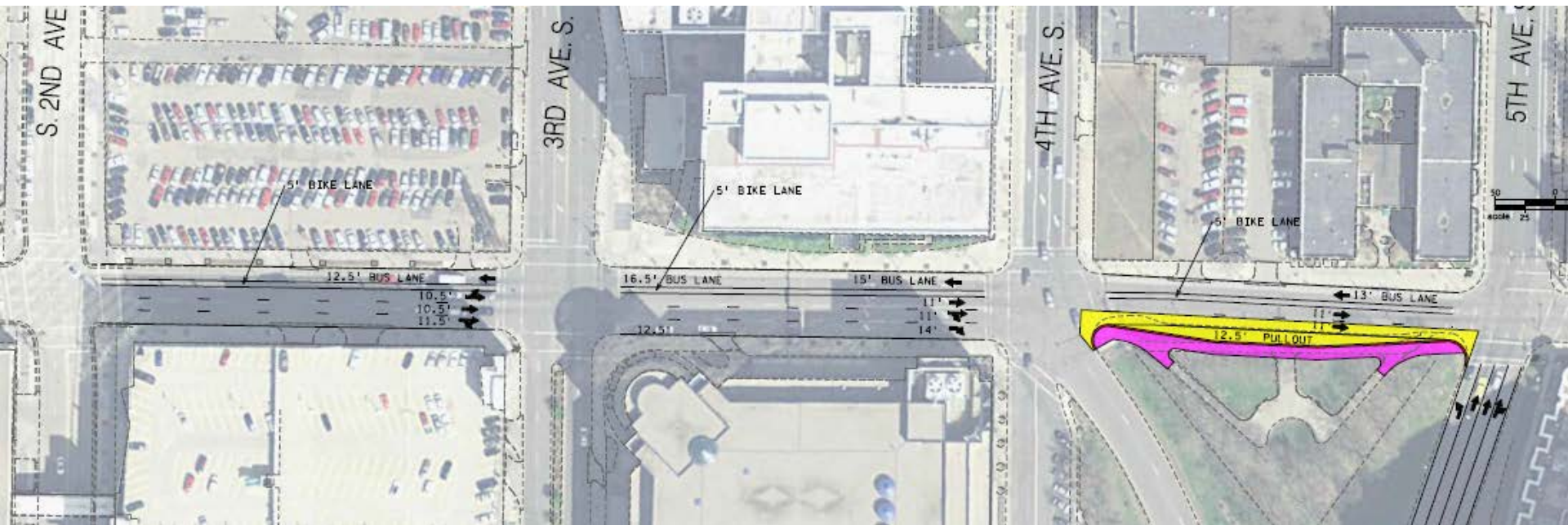


9th Street Transit Lane

- Exit at 5th Avenue
- Transit lane for 3 blocks on 9th, from 5th Ave to 2nd Ave
- Accommodates planned protected bikeway
- To keep traffic lanes, requires removal of parking on one or both sides
- Surface parking lots and parking ramp adjacent to the transit lane in these blocks
- Primary benefit to Orange Line service

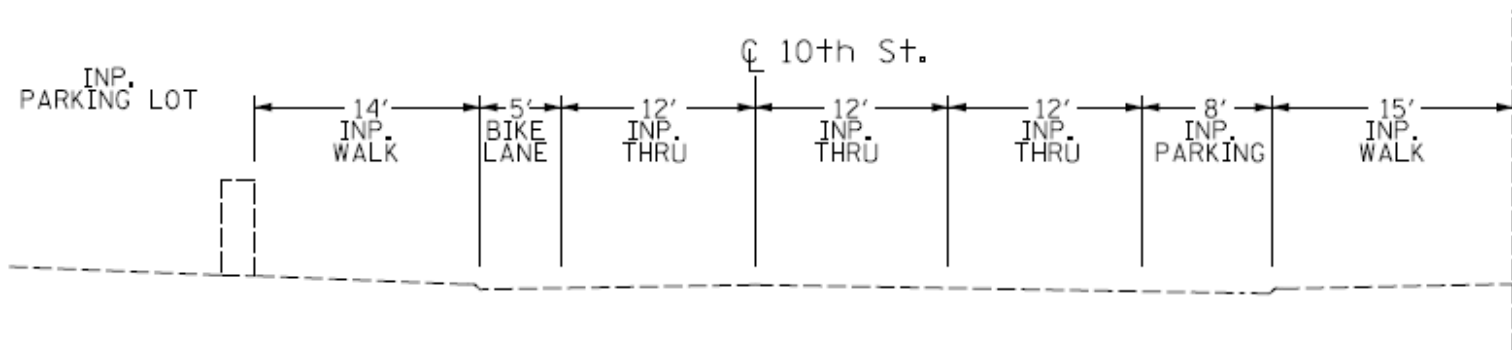


10th Street Concept

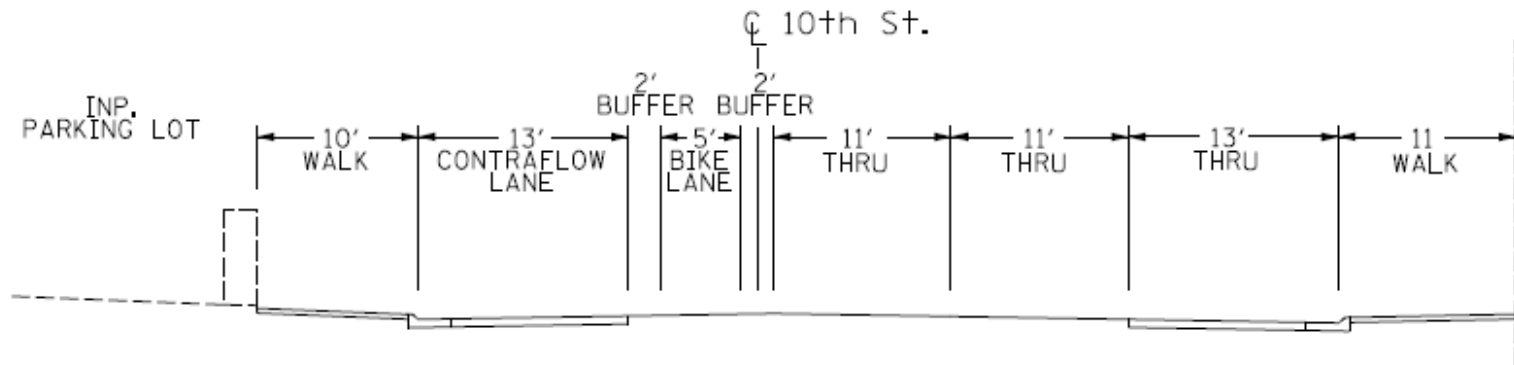


10th Street typical section

INPLACE TYPICAL SECTION
10TH ST. BETWEEN 2ND & 3RD AVE.



TYPICAL SECTION WITH BIKE LANE AND CONTRAFLOW BUS LANE
10TH ST. BETWEEN 2ND & 3RD AVE. *

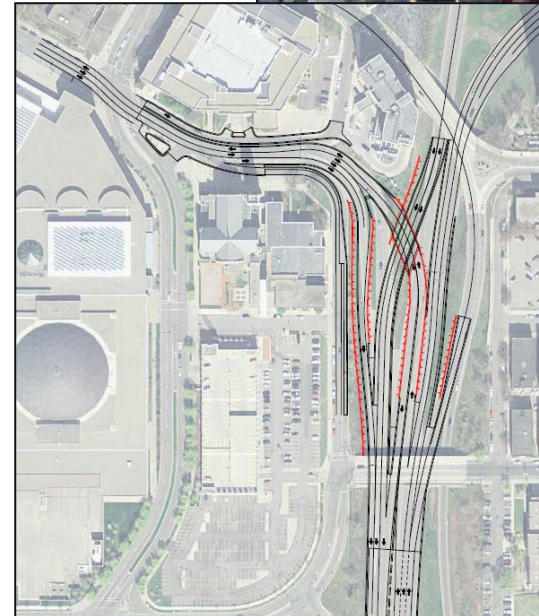


12th Street – two-way transit ramp?

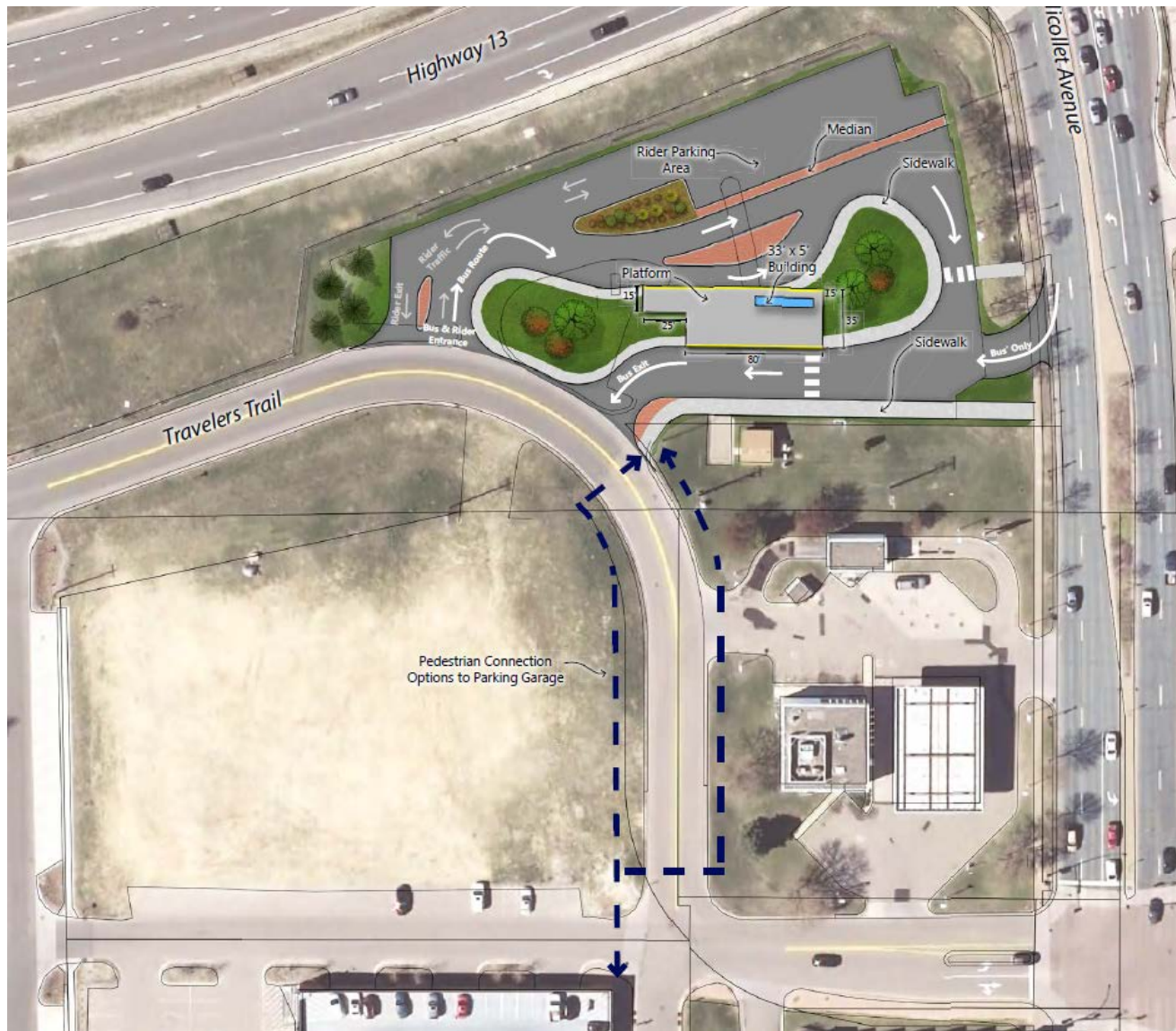
- Exit/enter using new flyover from center of TH65
- Contraflow lane for 2.5 blocks
- Major access changes required (4th Ave, hotel, service center)
- Benefits both express and BRT services
- More significant infrastructure investment

Next Steps:

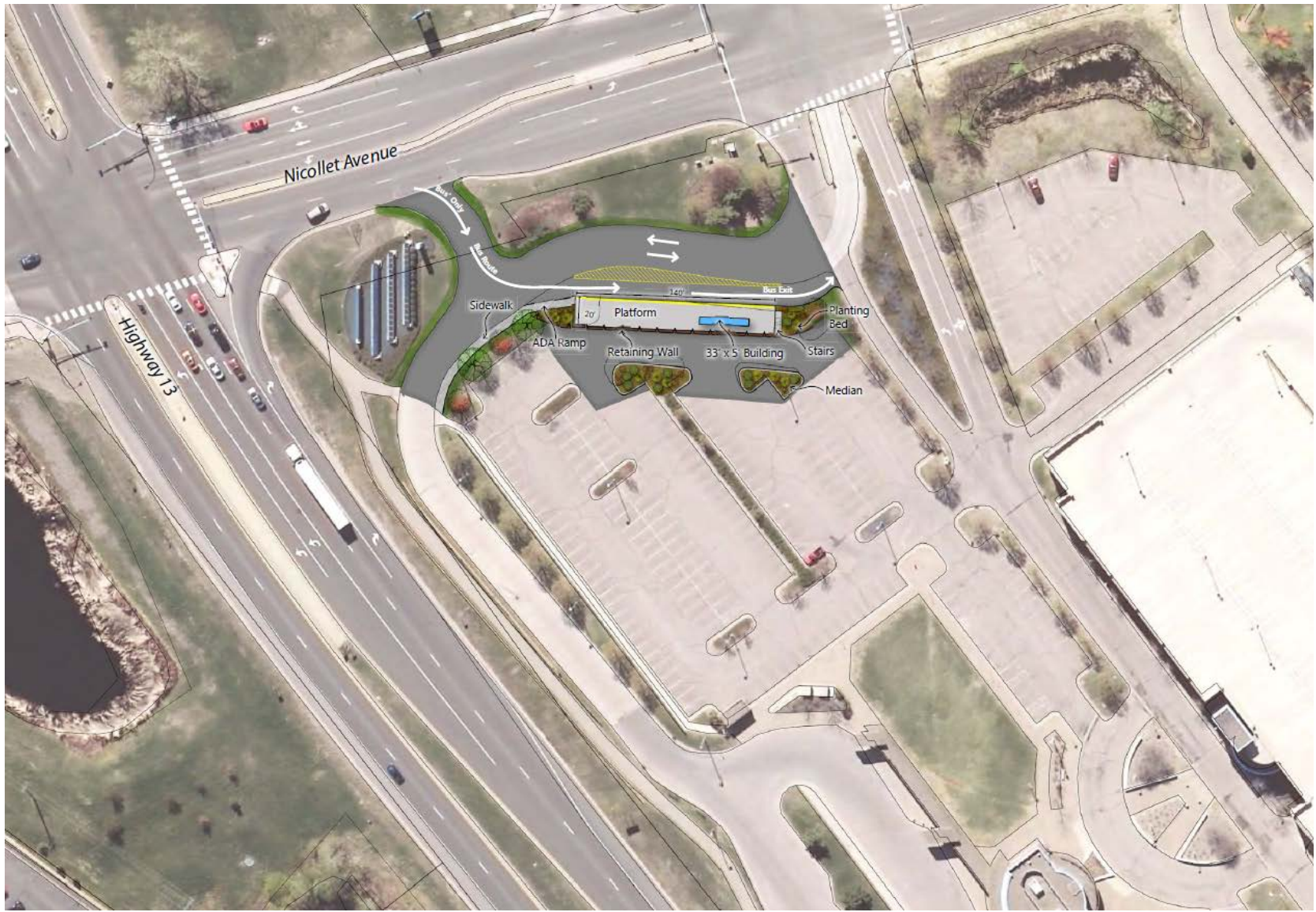
- Ongoing concept development
- Local feedback and recommendation
- TAC input and recommendation
- I-35W Solutions Alliance input on options



Southern Terminus: Burnsville Travelers Trail Concept



Southern Terminus: Burnsville Transit Station Concept



Six-Month Look Ahead



- Technical issue exploration and resolution:
 - Burnsville terminus- Recommendation
 - Downtown access- Recommendation
 - Knox Avenue- Continue to refine and advance two options into next phase
- Advance issue resolution through Orange Line TAC to I-35W Solutions Alliance for recommendation to Metropolitan Council
- Ongoing environmental document work
- Orange Line Engineering contract
- Update Public Engagement Plan
- Financial Plan & CTIB Grant Applications
- *35W Solutions Alliance- Fall Project Tour?*



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