



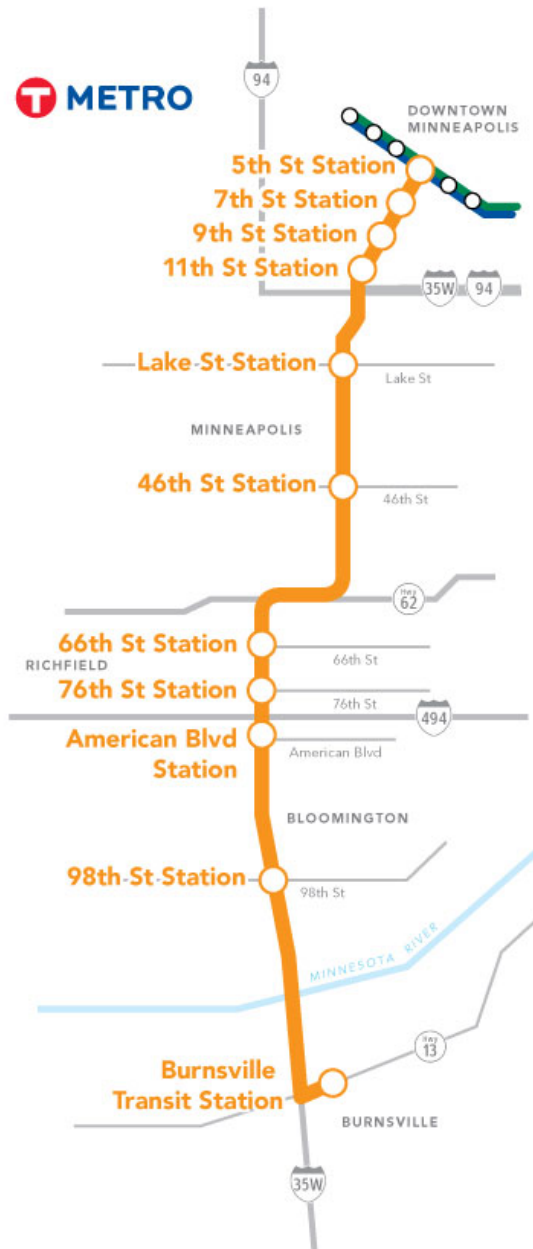
METRO Orange Line Update

Transportation Committee
July 13, 2015

Charles Carlson, Senior Manager
BRT/Small Starts Project Office

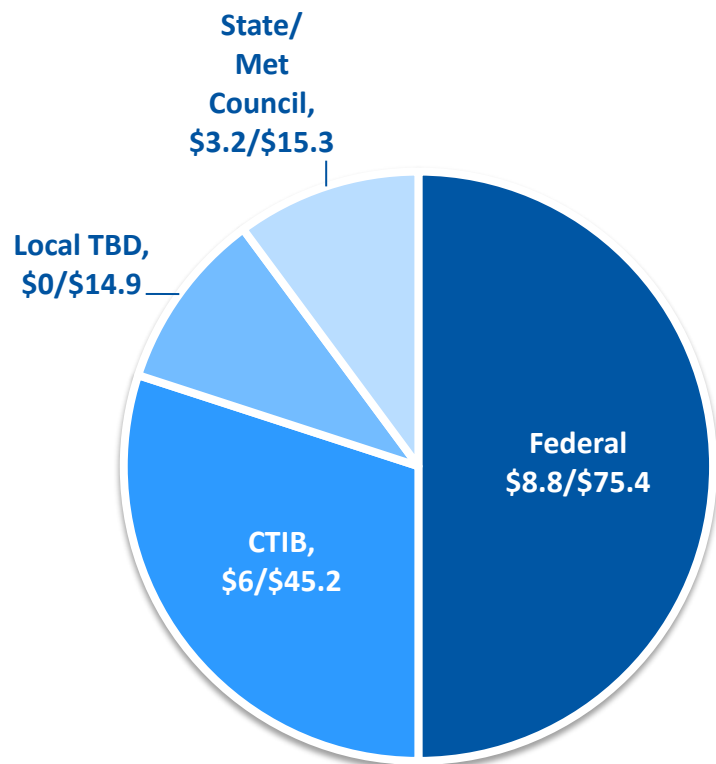
Project Facts

- 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



Orange Line Funding

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

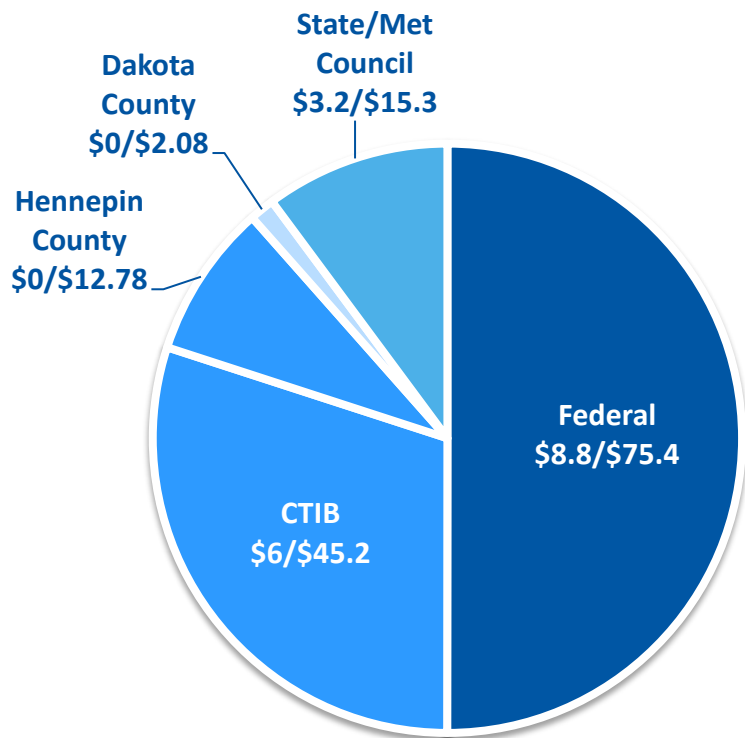


**Anticipated Capital Sources,
in Millions** (secured/total, \$MM)

Anticipated Funding Participation

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

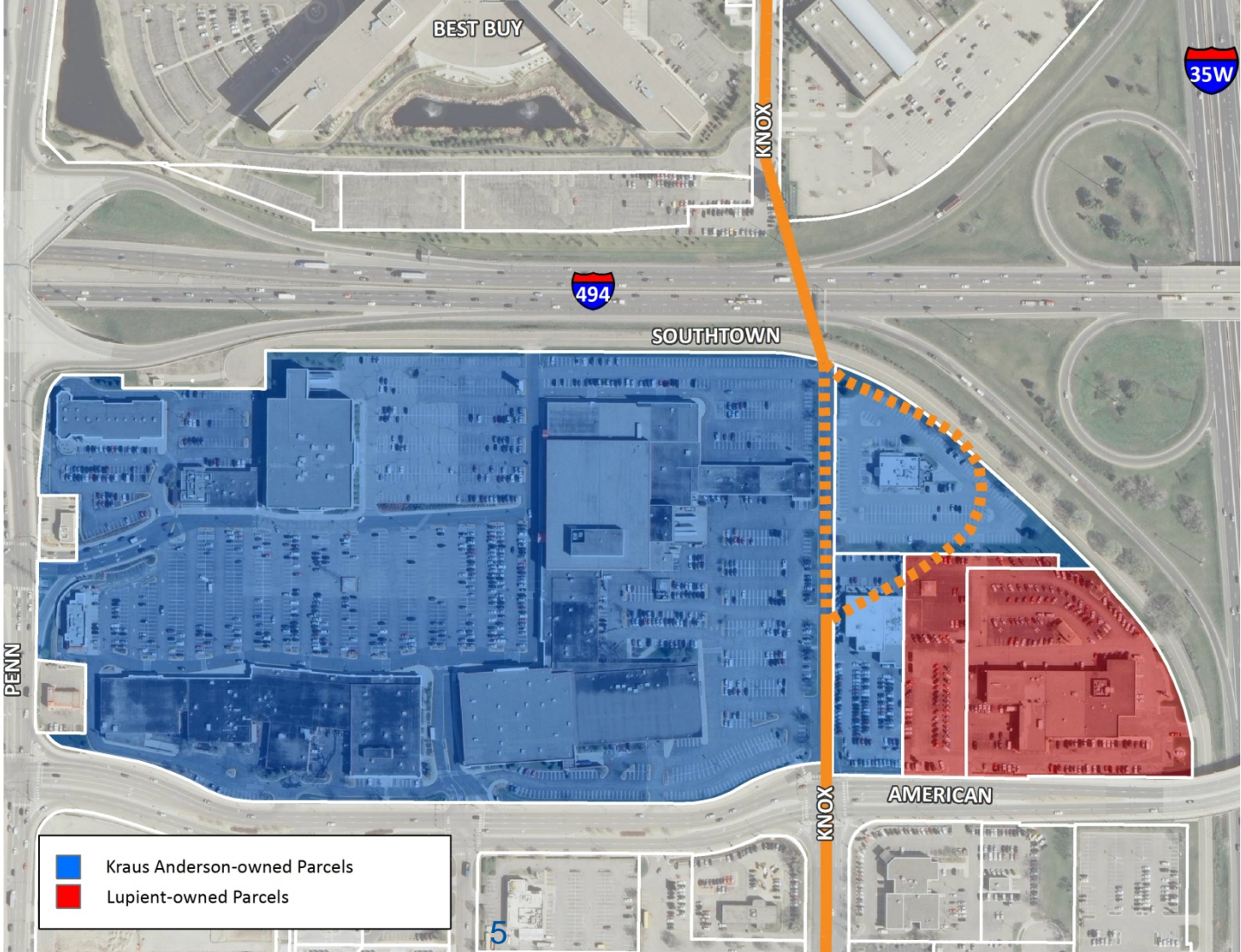
Local 10% Share- Proposal



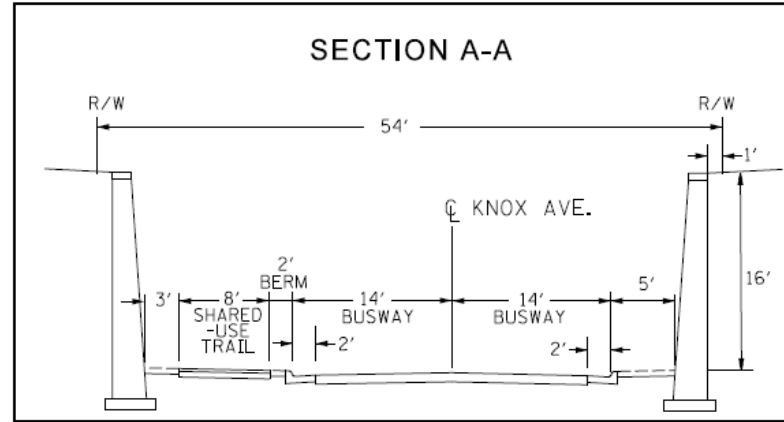
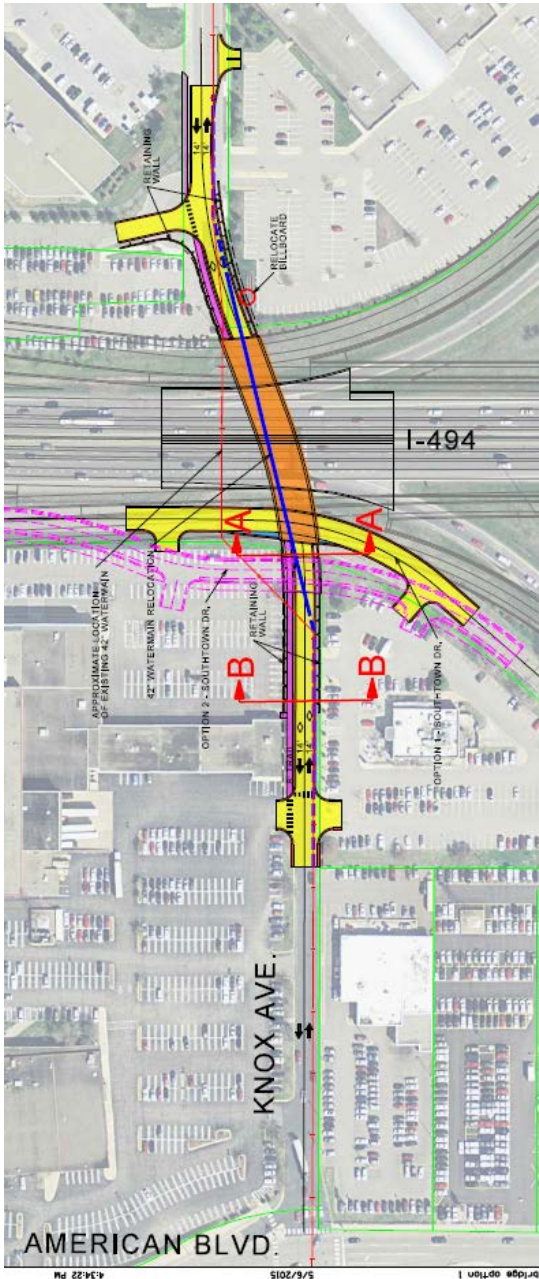
**Anticipated Capital Sources,
in Millions** (secured/total, \$MM)

- 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

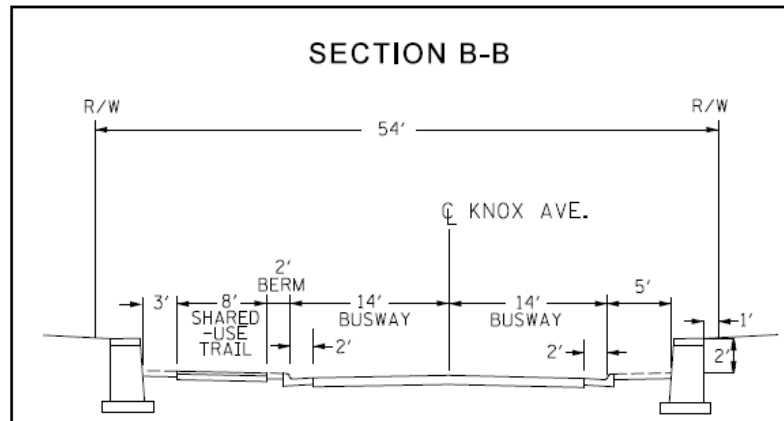
Knox Avenue: Orange Line Routing Options



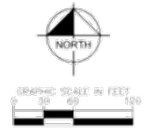
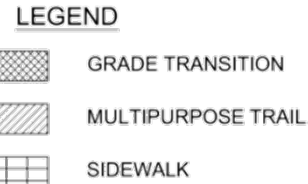
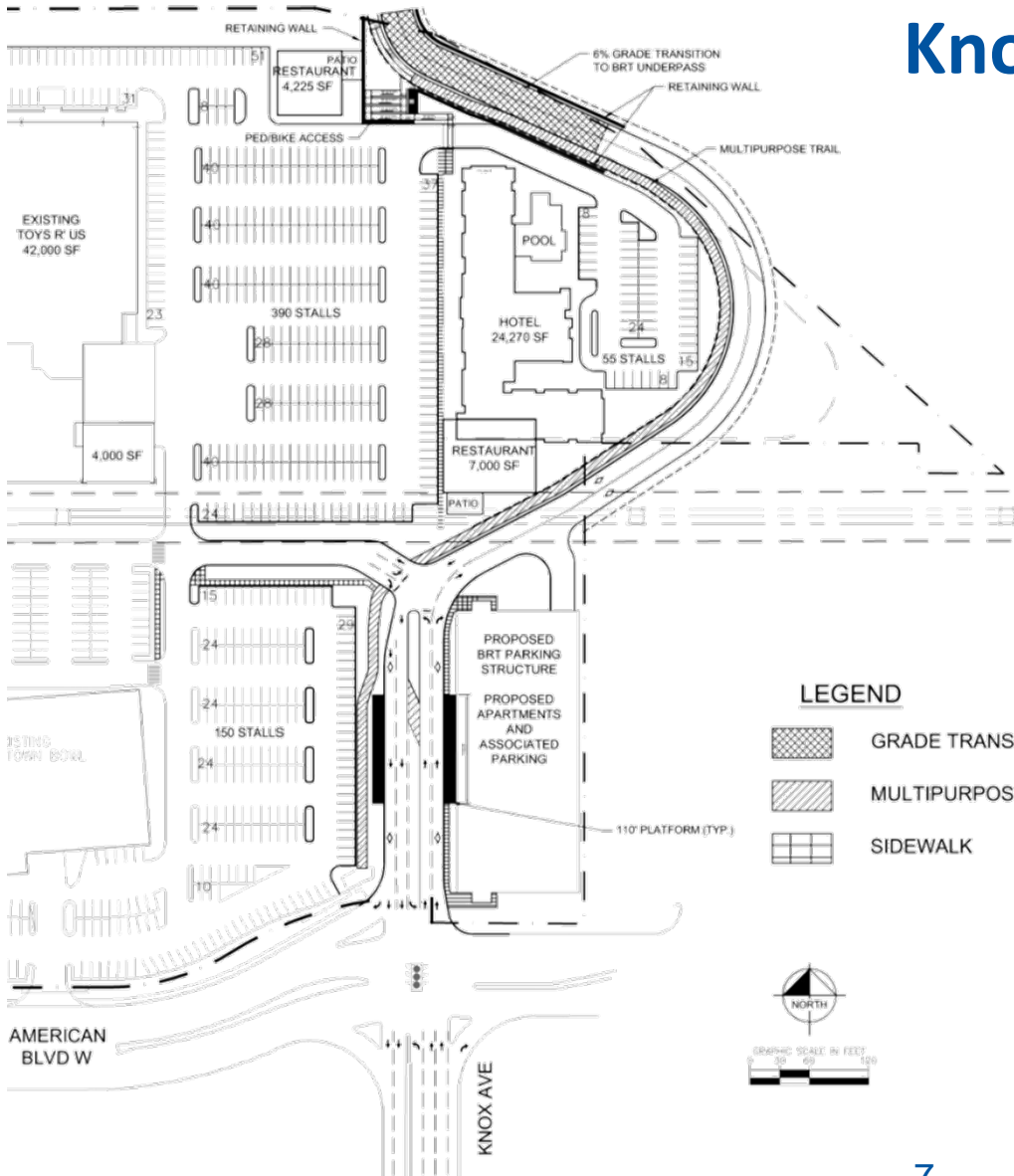
Knox Avenue: Direct Route



Design concepts provided by Metro Transit

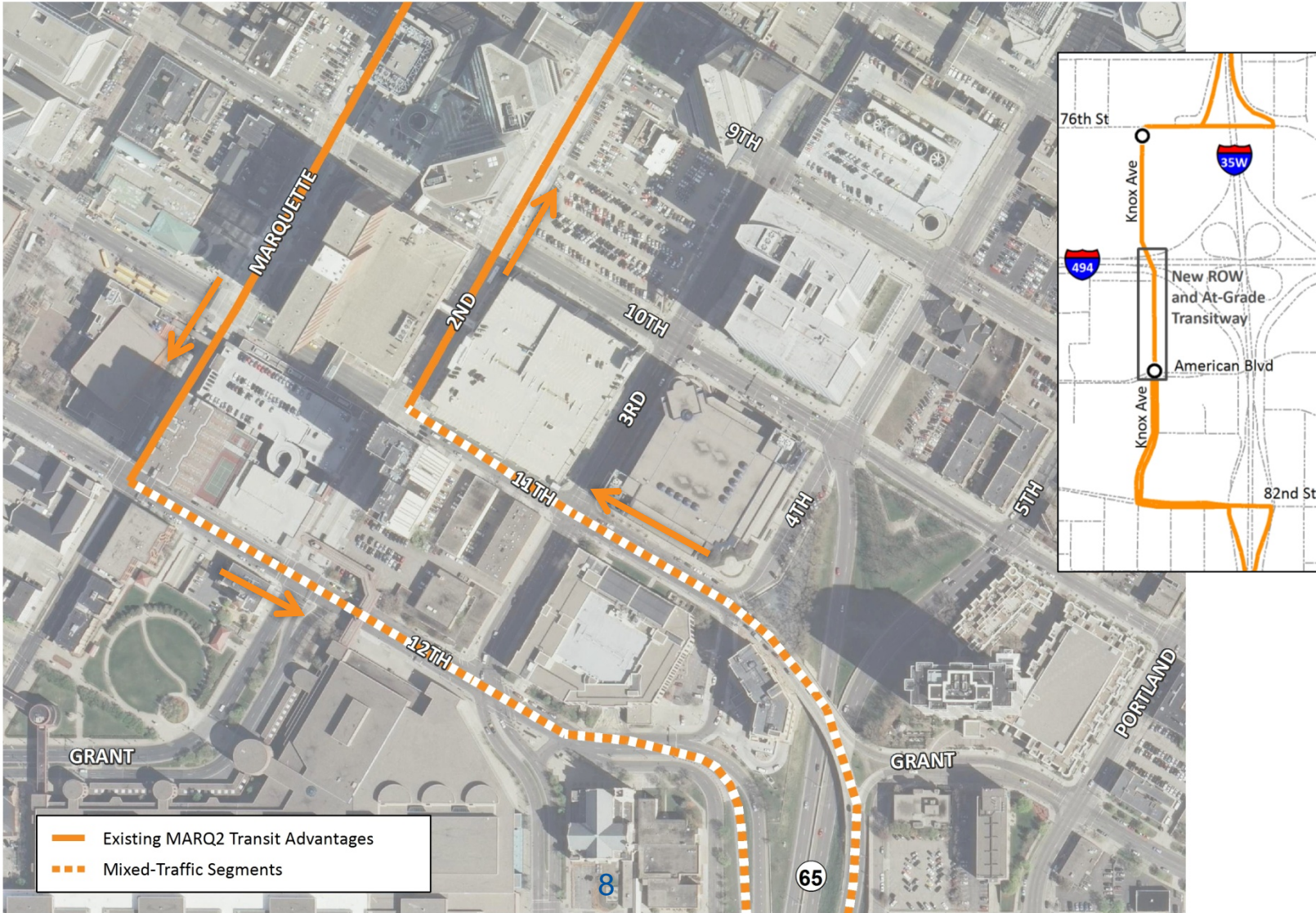


Knox Avenue: Bowed Route

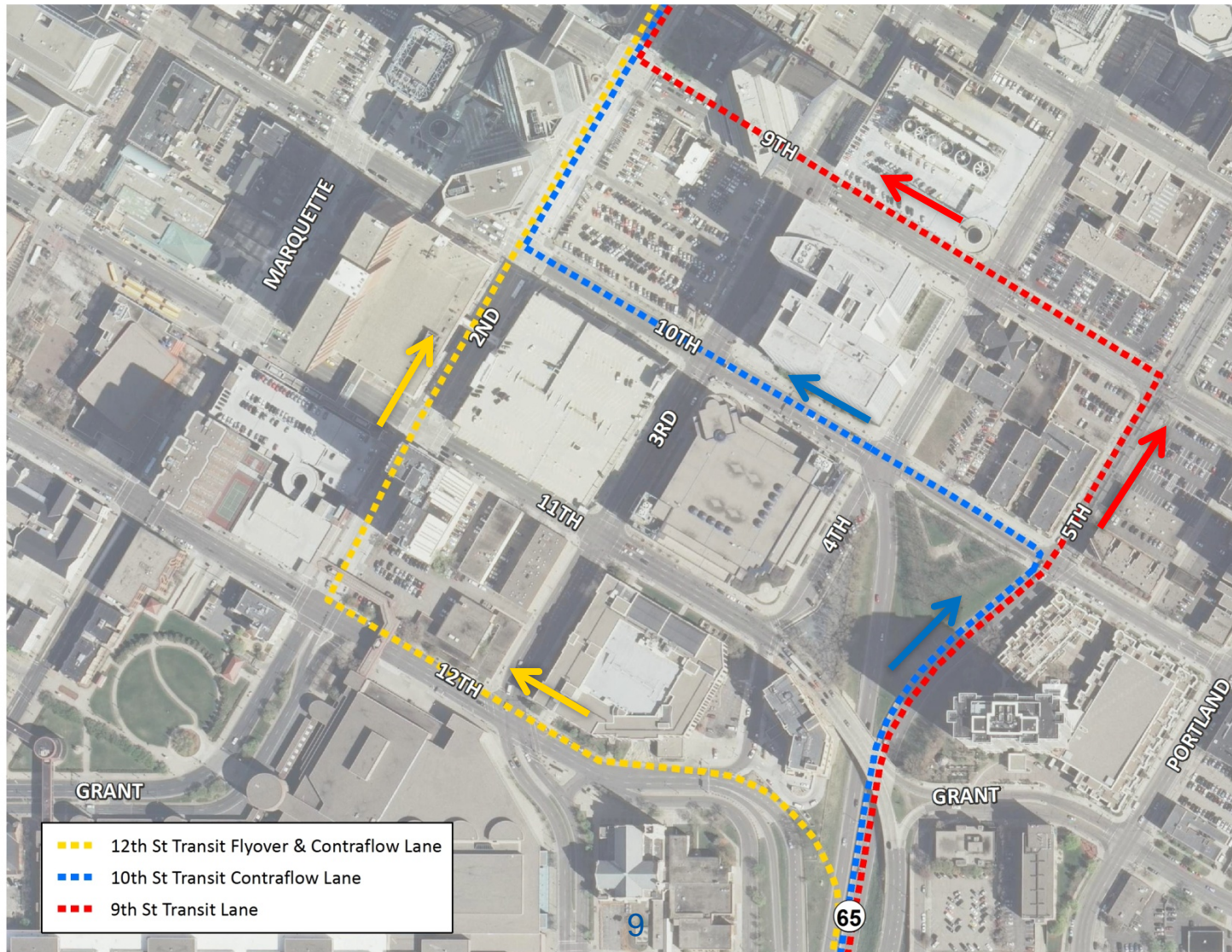


Design concepts provided by property owner

Existing MARQ2/Orange Line Routing



Downtown Orange Line Routing Concepts



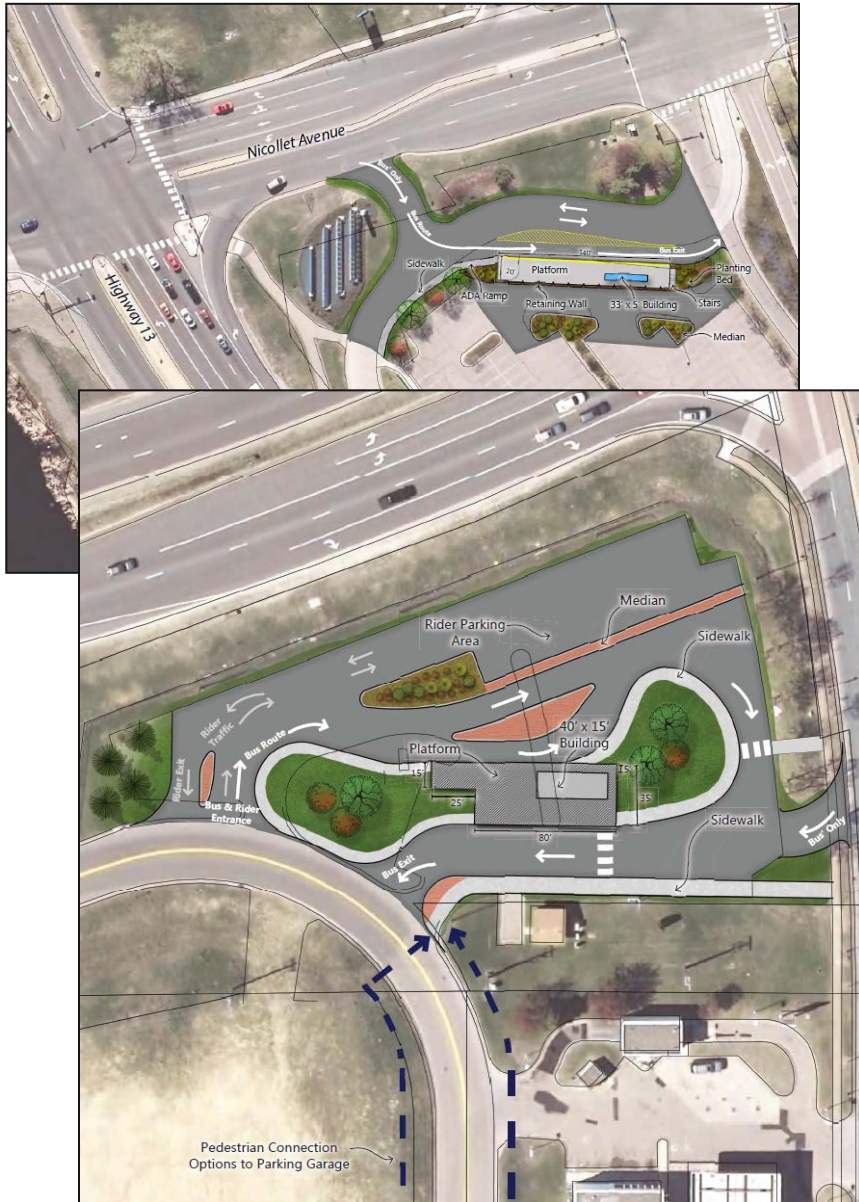
12th Street – two-way transit ramp?

- Exit/enter using new flyover from center of 65
- Contraflow lane for 3 blocks
- Major access changes required (4th Ave, hotel, service center)
- Benefits express and BRT services



Six-Month Look Ahead

- Environmental work
- Orange Line Engineering contract
- Complete 2040 ridership forecasting
- Draft Project Management Plan
- Update Public Engagement Plan
- Financial Plan & Grant Applications
- Technical Issue resolution:
 - Knox Avenue layout
 - Downtown access
 - Burnsville terminus





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