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 Funding Participation

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

Anticipated Capital Sources, in Millions (secured/total, $MM)
Local 10% Share- Proposal

• 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

- New ROW and At-Grade Transitway
- Kraus Anderson-owned Parcels
- Lupient-owned Parcels
Knox Avenue: Direct Route

SECTION A-A

Cl KNOX AVE.

3' 8' BERM

14' BUSWAY

14' BUSWAY

5' 2' 2'

54' 15'

R/W R/W

Design concepts provided by Metro Transit

SECTION B-B

Cl KNOX AVE.

3' 8' BERM

14' BUSWAY

14' BUSWAY

5' 2' 2'

54' 15'

R/W R/W
Knox Avenue: Bowed Route

Design concepts provided by property owner
Existing MARQ2/Orange Line Routing
Downtown Orange Line Routing Concepts
12\textsuperscript{th} Street – two-way transit ramp?

- Exit/enter using new flyover from center of 65
- Contraflow lane for 3 blocks
- Major access changes required (4\textsuperscript{th} 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
Charles Carlson, BRT/Small Starts Project Office
612-349-7639
Charles.carlson@metrotransit.org

www.metrotransit.org/orangeline