METRO Orange Line Update
Bloomington City Council
November 14, 2016

James Harwood, Design Lead
Christina Morrison, Project Manager
METRO Orange Line BRT

- 17 miles, 12 Stations
- 10-minute service during peak
- 15-minute service midday and night
- Service 20 hours a day, 7 days a week
- 12 low-floor, 3-door METRO buses
- Design:
  - Completed 30% design
  - Reinitiated Lake Street design
- Construction starts in 2017
- Open for service in 2019
Leveraging Previous Investments

- Downtown bus lanes (MARQ2)
- I-35W’s bus-only shoulders & MnPASS lanes
- I-35W & 46th Street Station
- New investments complete vision
  - Lake Street Station
  - Knox Avenue transitway under 494
  - Downtown transit ramp
  - New stations in Richfield, Bloomington, Burnsville
  - Technology, amenities at all stations
- Coordinate with $360M of concurrent MnDOT work
2016 Progress

• Submitted project information in September to the federal Small Starts grant program
• Orange Line NEPA review close to completion
  • Lake Street Station received Finding of No Significant Impact
  • Orange Line Documented Categorical Exclusion in final FTA review
• Secured an additional $39.63 million of funding in 2016
• Began engineering and completed 30% design
Orange Line Funding Plan

Total project cost $150.7M

Remaining funding needs include:

• $12.1M state share – anticipated 2017
• $74.1M federal Small Starts funding – anticipated 2018
Orange Line in Bloomington

American Boulevard Station

98th Street Station

Knox Avenue Transitway
Southtown Existing Conditions

Best Buy
Dick's
Park & Ride
I-494
N
Southtown Properties
I-35W
Mitsubishi
Southtown Existing Conditions
Knox Avenue Transitway Visualization
Knox Avenue Transitway Visualization
Orange Line Station Materials & Amenities

- Push-button heaters
- Pylon
- Real-time signage
- Ticket vending machines
- LED Lighting
- Materials
Orange Line Station Design

- Pylon station marker
- Shelter with heat, light, and seating
- Vertical bike parking
- Real-time arrival information
- Ticket vending machine
- Bike parking loops
- Bench seating
- Textured warning strip and raised curb
- Information kiosk
- Fare card validator

NORTHBOUND
American Boulevard Station
American & Knox Existing Design

CROSSING LENGTH
A-B = 136'
B-C = 163'
C-D = 173'
D-A = 111'
American & Knox Potential Redesign

CROSSING LENGTH

A-B = 96'
B-C = 95'
C-D = 88'
D-A = 77'

GENERAL NOTES

1. 10' CROSSWALK MARKINGS
2. ADVANCE STOP BAR
3. ACCESSIBLE PEDESTRIAN SIGNALS
4. TIGHTER CORNER RADIUS
5. OPPORTUNITY FOR CORNER PLAZA
6. MEDIAN REFUGE
98th Street Station
98th Street Station – Night View
Ongoing Coordination with City of Bloomington

• Knox & American Intersection Design
• Penn American Storm Sewer Improvement Project
• Penn American Phase III/Southbound American Boulevard Station platform design
• Potential collaboration on public art
Local Input Needed

• Station-specific renderings and descriptions will be posted for public comment on project website

• Looking for feedback on station design, layout, and amenities

• Outreach through Metro Transit social media

• On-board transit rider engagement on corridor routes and on-site at South Bloomington Transit Center and Burnsville Transit Station

• Engage on aesthetic treatments for Knox Avenue Transitway

• Evaluate design and function of pedestrian and bike accommodations
Get more information or sign-up for our e-newsletter at

www.metrotransit.org/orangeline

James Harwood
james.harwood@metrotransit.org
612-349-7339

Christina Morrison
christina.morrison@metrotransit.org
612-349-7690