Orange Line Design and Engineering Update

June 1, 2016
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Metro Transit
BRT/Small Starts Project Office
Orange Line Overview

• 17-mile transitway from DT Minneapolis to Burnsville

• 12 Stations

• All-day, frequent service 7 days a week

• Full set of station amenities like on LRT

• Expected to open in late 2019

• Lake Street Station design and engineering continues
Progress Report

• Last TAAC presentation 10/7/2015


• Changed proposed Downtown Station Locations

• Bus-only flyover from Downtown to freeway is now in scope

• Lake Street Station design and engineering coordination continues with MnDOT/County/City

• Draft Station Design Concepts
### Design Schedule

**Design of 35W Lake St Station**
- Currently at 60%
- 90% Q4 2016
- 100% Q1 2017

**Other Orange Line Design**
- 30% Q3 2016
- 60% Q4 2016
- 100% mid-2017

### Construction Schedule

**Orange Line Lake Street / MnDOT work**
- 2018-2020*

**Other Orange Line Stations 2018-2019**

**Revenue Service 2019/2020***
Station Components

- Real-time signage
- Heaters
- Pylon
- Materials
- LED Lighting
- Ticket vending machines
Station Design Concepts
Station Input needed

Environment

• Landscaping, approach to public art, pedestrian-level and station lighting

Station amenities

• Bike parking
• Location of ticket machines, signage, and real-time information
• Location, height, and function of pylon

Connections & transfers

• Location & facilities at connecting bus stops, off-platform wayfinding
• Pedestrian paths and connection to trails

Sightlines & visibility

• Security features (cameras, call boxes)
Upcoming Work

• 30% Design – August 31\textsuperscript{st}, 2016
  – Site-Specific Station Design Concepts
  – Design Concepts for
    • Knox Avenue Transitway
    • Downtown “Flyover”
    • Burnsville Parkway On-Ramp Bypass

• Continued Coordination with MnDOT/County/City on Lake Street Station

• Public Meeting in Burnsville, June 15\textsuperscript{th} at Burnsville Transit Station