Funding updates

Budget & Costs

- Secured $39.63M for the project in 2016, bringing total committed funding from all sources to $64.52M
- Lake Street 90% plans complete, costs stable
- 12th Street Ramp 100% plans complete, costs stable
- 60% cost estimates for all other elements expected in Q2 2017

LONP

- Letter of No Prejudice application, with attached Project Management Plan submitted December 16, 2016; Revised and resubmitted February 1

CTIB

- CTIB expected to grant LONP approval, continue discussion on dissolution on 2/15
### Orange Line Project Funding Encumbrance - by Project Phase

- **Federal CMAQ, $7,000,000**
  - Delays ROW to mid-2017, use new state funds when available
  - Encumbers all remaining funds for Lake St and 12th St construction through partnership agreement

- **HCRRA, $12,790,000**
- **DCRRA, $2,081,750**
- **State 2014, $500,000**
- **CTIB, $31,500,000**
- **Federal Other, $1,800,000**
- **State 2014**
  - Funds staffing, HNTB design work, Lake Street design

- **State 2017, $10,100,000**
- **State 2017, $2,000,000**
- **Small Starts, $74,078,782**

### Project Development
- **2015-2017**
- **CTIB, $6,000,000**

### MnDOT Agreement
- **2017**
- **State 2014, $500,000**

### ROW Purchase
- **2017**
- **State 2017, $10,100,000**

### Other Project Work
- **2018 - 2020**
- **State 2017, $2,000,000**
TAAC design workshop feedback

- Fleet capabilities
- Audible wayfinding
  - Announcements, inside and outside, notify riders when bus arrives
  - Outside speakers on the bus
- Consistency
  - Gate letter, colors, signage, wayfinding methods
  - Layout of amenities across platforms
- Platform width and adequate space for customers in mobility devices to pass
- Access to signalized street crossings to connect to platform
- Metro Mobility connections
Accessibility features to incorporate

**Fleet**
- Speakers on exterior of bus

**Station design**
- Visual beacon
- Audio beacon
- Directional guidance tiles to platform
  - 98th Street
  - Nicollet Avenue
- Use of tactile strip and tactile door locator on platform edge
  - Marq2?

**Marketing**
- Evaluate existing gate naming
- Wayfinding signage
Knox Avenue Transitway aesthetics
494 corridor wall treatment - typical
Grand Rounds – I-35W Underpass at Minnehaha Pkwy
Form liner precedents
Form liner precedents
Lighting precedents – Target Field Station
Lighting precedents – Philadelphia Garage
Custom wall effects – photo concrete
Station naming process

Input from Orange Line Working Group & Technical Advisory Committee

Feb. – Mar. 2017
City of Burnsville leads Burnsville station naming process; Orange Line team to reach out to potential station sponsors

Apr. – May 2017
Orange Line team develops list of recommended station names

May 2017
Input on list of recommended names from Orange Line WG & TAC

Jun. – Jul. 2017
Station names brought to Metropolitan Council Transportation Committee & General Meeting for review and approval
## Station naming update

<table>
<thead>
<tr>
<th>Proposed Station Name</th>
<th>METRO map</th>
<th>Other Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Ave &amp; 3rd St, Marquette Ave &amp; 3rd St</td>
<td>3rd St</td>
<td>Downtown landmark</td>
</tr>
<tr>
<td>2nd Ave &amp; 5th St, Marquette Ave &amp; 5th St</td>
<td>5th St</td>
<td>Downtown landmark</td>
</tr>
<tr>
<td>2nd Ave &amp; 7th St, Marquette Ave &amp; 7th St*</td>
<td>7th St*</td>
<td>Downtown landmark (IDS Center)</td>
</tr>
<tr>
<td>2nd Ave &amp; 11th St, Marquette Ave &amp; 11th St</td>
<td>11th St</td>
<td>Downtown landmark (Convention Center, Orchestra Hall)</td>
</tr>
<tr>
<td>I-35W &amp; Lake St</td>
<td>Lake St</td>
<td>Lake Street/Midtown (change Blue Line to East Lake Street, Green Line to West Lake Street)</td>
</tr>
<tr>
<td>I-35W &amp; 46th St</td>
<td>46th St</td>
<td>South Minneapolis</td>
</tr>
<tr>
<td>I-35W &amp; 66th St</td>
<td>66th St</td>
<td>Woodlake</td>
</tr>
<tr>
<td>Knox Ave &amp; 76th St**</td>
<td>76th St**</td>
<td>Best Buy</td>
</tr>
<tr>
<td>Knox Ave &amp; American Blvd</td>
<td>American Blvd</td>
<td>Southtown</td>
</tr>
<tr>
<td>I-35W &amp; 98th St</td>
<td>98th St</td>
<td>South Bloomington Transit Station</td>
</tr>
<tr>
<td>Nicollet Avenue – placeholder for station naming process</td>
<td>TBD</td>
<td>Ames Center, Burnsville Nicollet, Nicollet Commons Park</td>
</tr>
<tr>
<td>I-35W &amp; Burnsville Parkway</td>
<td>Burnsville Pkwy</td>
<td>Burnsville Parkway</td>
</tr>
</tbody>
</table>

*change from last update, updated from 8th St to 7th St

**Richfield has begun the process to rename 76th St to International Blvd
## Orange Line Safety Certification Schedule

<table>
<thead>
<tr>
<th>Task</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange Line PHA/TVA Workshop</td>
<td>12/8/16</td>
</tr>
<tr>
<td>Orange Line DRAFT PHA/TVA documents</td>
<td>1/13/17</td>
</tr>
<tr>
<td>Catastrophic/Critical Items List (CCIL)</td>
<td>TBD</td>
</tr>
<tr>
<td>Safety and Security Certification Plan (SSCP)</td>
<td>TBD</td>
</tr>
<tr>
<td>Safety and Security Certification Verification Report (SSVR)</td>
<td>TBD</td>
</tr>
<tr>
<td>Safety and Security Management Plan (SSMP)</td>
<td>TBD</td>
</tr>
</tbody>
</table>
Preliminary Hazards Analysis & Threat Vulnerability Assessment

Preliminary Hazard Analysis (PHA)
Identifies, assesses and resolves the hazards associated with the system as an integral part of certifying that the representative transit system/mode is safe and reliable prior to revenue service.

Threat Vulnerability Assessment (TVA) – sensitive, secure document
Identifies threats and vulnerabilities and provides recommendations for their elimination or control during all life-cycle phases;

Identifies security measures and activities designed to reduce risk and relative likelihood of occurrence and/or potential consequences of the identified threats
## Design Update

<table>
<thead>
<tr>
<th>Orange Line Project Element</th>
<th>Design Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downtown Stations</td>
<td>Conceptual Design, advancing towards 30% Brought to CPTF on 1/30</td>
</tr>
<tr>
<td>12&lt;sup&gt;th&lt;/sup&gt; Street Access Ramp</td>
<td>Complete - 100% plans to MnDOT on 1/23</td>
</tr>
<tr>
<td>Lake Street Station</td>
<td>90% plans submitted 2/7 100% plans due 2/27</td>
</tr>
<tr>
<td>46&lt;sup&gt;th&lt;/sup&gt; Street Station</td>
<td>Conceptual Design for branding upgrades</td>
</tr>
<tr>
<td>66&lt;sup&gt;th&lt;/sup&gt; Street Station</td>
<td>60% Design due 3/31</td>
</tr>
<tr>
<td>76&lt;sup&gt;th&lt;/sup&gt; Street Station</td>
<td>60% Design due 4/28</td>
</tr>
</tbody>
</table>
# Design Update

<table>
<thead>
<tr>
<th>Orange Line Project Element</th>
<th>Design Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knox Avenue Transitway/I-494 Underpass</td>
<td>Working with MnDOT on Staff Approved Layout</td>
</tr>
<tr>
<td></td>
<td>60% Design due 4/28</td>
</tr>
<tr>
<td>American Boulevard Station</td>
<td>60% Design due 4/28</td>
</tr>
<tr>
<td></td>
<td>Working with Bloomington on stormwater, intersection, SB farside easement</td>
</tr>
<tr>
<td>98th Street Station</td>
<td>60% Design due 3/31</td>
</tr>
<tr>
<td>Nicollet Avenue Station</td>
<td>60% Design due 3/3</td>
</tr>
<tr>
<td>Burnsville Parkway Station</td>
<td>60% Design due 3/3</td>
</tr>
</tbody>
</table>
Upcoming TAC meetings

March
Nicollet Ave & Burnsville Pkwy - 60%
Lake St – 100%

April
66th St – 60%
98th St – 60%

May
76th St – 60%
Knox Avenue Transitway – 60%
American Boulevard – 60%
Orange Line TAC survey

Available online at
https://www.surveymonkey.com/r/W5WD3DQ
Get more information or sign-up for our e-newsletter at
www.metrotransit.org/orangeline