

Orange Line TAC

February 14, 2017



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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

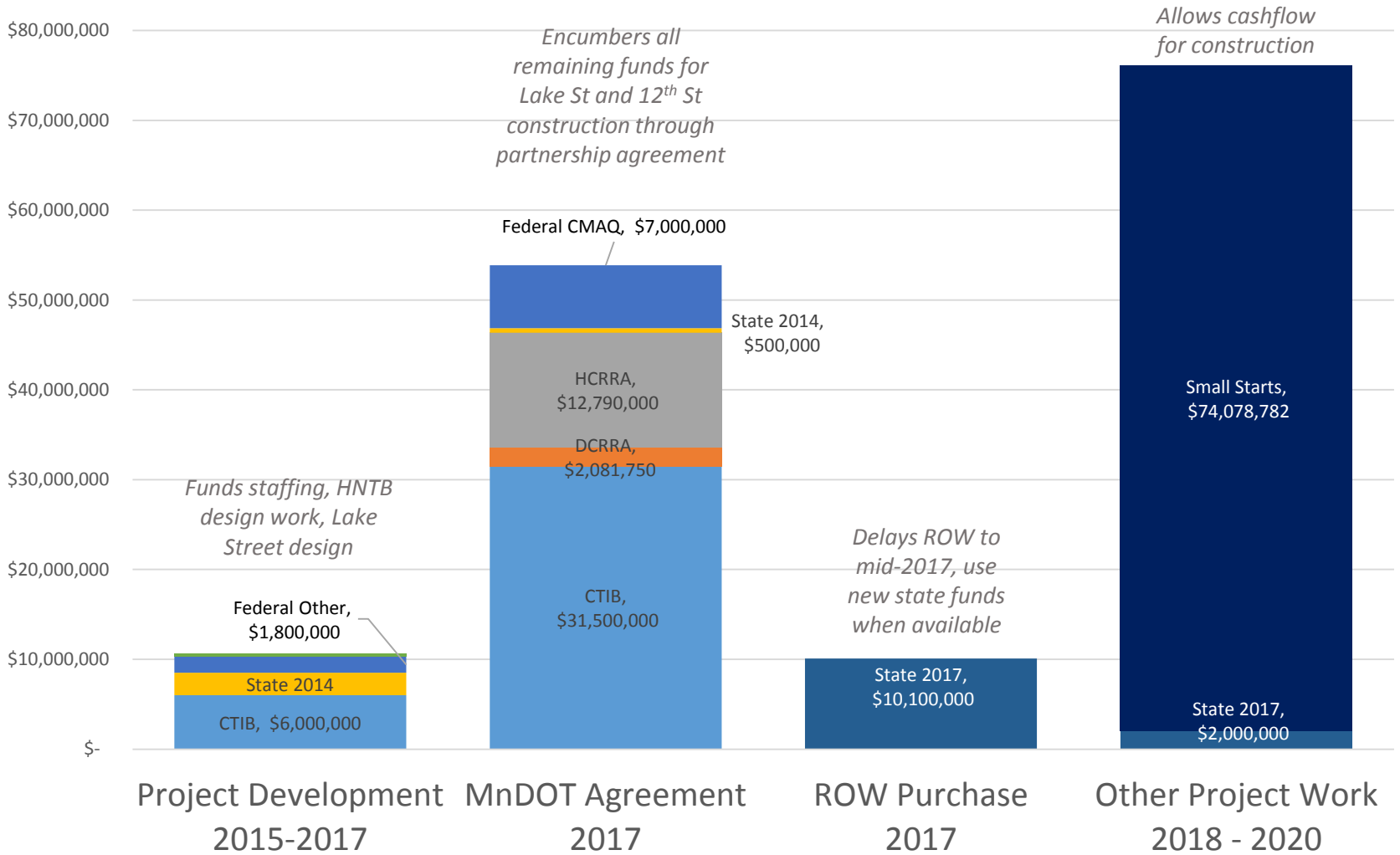
LONP

- 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



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



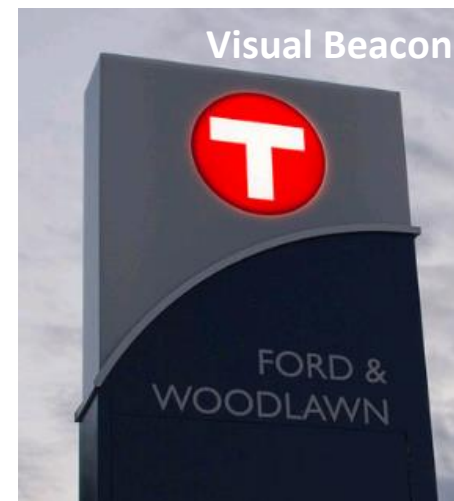
Accessibility features to incorporate

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

Dec. 2016 – Feb. 2017

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

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

*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

Task	Date
Orange Line PHA/TVA Workshop	12/8/16
Orange Line DRAFT PHA/TVA documents	1/13/17
Catastrophic/Critical Items List (CCIL)	TBD
Safety and Security Certification Plan (SSCP)	TBD
Safety and Security Certification Verification Report (SSVR)	TBD
Safety and Security Management Plan (SSMP)	TBD

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

Orange Line Project Element	Design Status
Downtown Stations	Conceptual Design, advancing towards 30% Brought to CPTF on 1/30
12 th Street Access Ramp	Complete - 100% plans to MnDOT on 1/23
Lake Street Station	90% plans submitted 2/7 100% plans due 2/27
46 th Street Station	Conceptual Design for branding upgrades
66 th Street Station	60% Design due 3/31
76 th Street Station	60% Design due 4/28

Design Update

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

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

