

Orange Line Technical Advisory Committee June 13, 2017

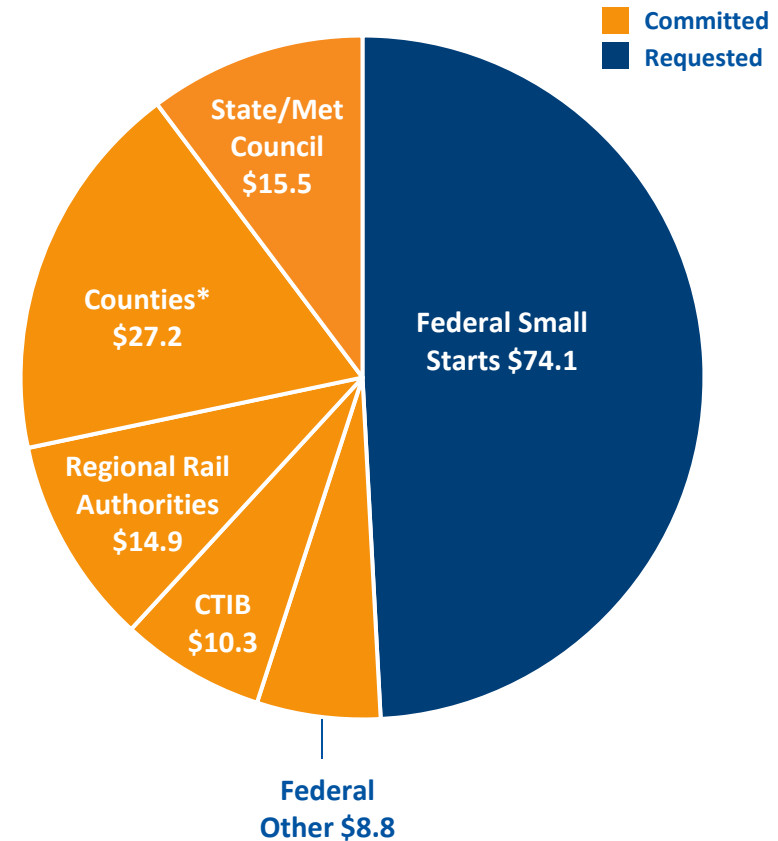


Local Funding Updates



- State Legislature,
\$12.1 M for Orange Line in bonding bill
 - All local funds now secured
- CTIB dissolution
 - Hennepin and Dakota will fulfill remaining CTIB capital commitment
 - \$3.8M paid by Dakota
 - \$23.4M paid by Hennepin
 - 50% of Orange Line operating costs will be split 86%/14% between Hennepin and Dakota

Capital Sources, in Millions



*Previously CTIB

FTA Funding Updates

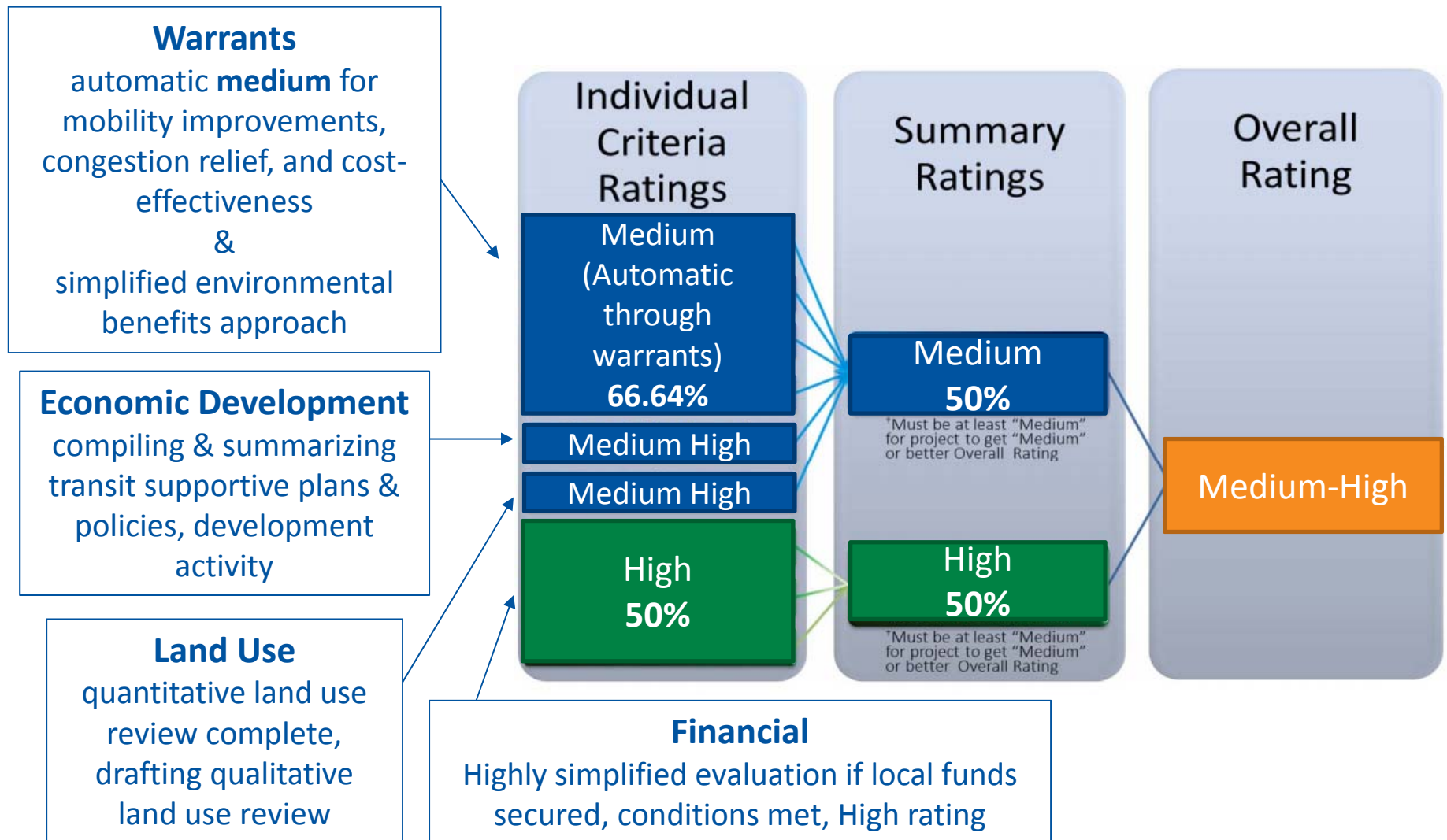


- President's Budget
- FTA feedback on Small Starts application

Small Starts Application Timeline



Small Starts – Overall Project Rating



CIG Report - Small Starts Summary



Table 2A -- Capital Investment Grant Program Summary of FY 2018 Project Ratings

SMALL STARTS PROJECTS								
Phase	Capital Cost (millions)	Financing Costs (millions)	Total Capital Cost (millions)	Total CIG Funding Request (millions)	CIG Share of Capital Costs	Overall Project Rating	Local Financial Commitment Rating	Project Justification Rating
State, City, Project								
Small Starts Project Development								
^ AZ Flagstaff, Transit Spine BRT	\$32.9	---	\$32.9	---	---	---	---	---
AZ Tempe, Tempe Streetcar	\$176.6	\$9.5	\$186.1	\$75.0	40.3%	Medium-High	Medium-High	Medium
^ CA Los Angeles, Downtown Los Angeles Streetcar	\$295.4	---	\$295.4	\$100.0	33.9%	---	---	---
CA Sacramento, Downtown Riverfront Streetcar Project	\$200.0	\$0.0	\$200.0	\$100.0	50.0%	Medium-High	High	Medium
^ CA San Bernardino, Redlands Passenger Rail Project	\$262.0	---	\$262.0	---	---	---	---	---
CA San Rafael, SMART Regional Rail - San Rafael to Larkspur Extension	\$42.5	\$0.0	\$42.5	\$22.5	52.9%	Medium	Medium	Medium
FL Fort Lauderdale, Wave Streetcar	\$195.3	\$0.0	\$195.3	\$60.8	31.1%	Medium-High	High	Medium
FL Jacksonville, JTA First Coast Flyer BRT East Corridor	\$33.9	\$0.0	\$33.9	\$16.9	50.0%	Medium-High	High	Medium
FL Jacksonville, FCF BRT Southwest Corridor	\$47.5	\$0.0	\$47.5	\$38.0	80.0%	Medium-Low	Medium	Medium-Low
^ FL Orlando, SunRail Connector to the Orlando International Airport	\$175-\$225	---	\$175-\$225	---	---	---	---	---
+++ FL Orlando, SunRail Phase II North	\$68.2	\$0.5	\$68.7	\$34.3	49.9%	Not Rated	Not Rated	Not Rated
^ FL St. Petersburg, Central Avenue BRT	\$16.5	---	\$16.5	\$8.3	50.0%	---	---	---
IN Indianapolis, IndyGo Red Line Rapid Transit	\$96.3	\$0.0	\$96.3	\$75.0	77.8%	Medium	Medium	Medium
LA Baton Rouge, TramLinkBR	\$167.5	\$2.3	\$169.8	\$84.0	49.5%	---	---	---
MI Grand Rapids, Laker Line BRT	\$70.5	\$0.0	\$70.5	\$56.4	80.0%	Medium-High	Medium	Medium-High
MI Lansing, Capital Area Transportation Authority Bus Rapid Transit Project	\$141.8	\$0.0	\$141.8	\$97.8	69.0%	Medium-Low	Medium-Low	Medium
MN Minneapolis, METRO Orange Line Bus Rapid Transit	\$150.7	\$0.0	\$150.7	\$74.1	49.2%	Medium-High	High	Medium
MO Kansas City, Prospect MAX	\$53.8	\$0.0	\$53.8	\$29.9	55.5%	Medium-High	Medium	Medium-High
^ NC Chapel Hill, North-South BRT	\$96.8-\$105.9	---	\$96.8-\$105.9	\$77.4-\$84.7	---	---	---	---
NM Albuquerque, Rapid Transit Project	\$133.7	\$0.0	\$133.7	\$75.0	56.1%	Medium-High	Medium	Medium-High
NV Reno, Virginia Street Bus RAPID Transit Extension	\$77.8	\$0.0	\$77.8	\$38.9	50.0%	Medium-High	High	Medium
NY Albany, River Corridor Bus Rapid Transit	\$45.3	\$0.0	\$45.3	\$29.5	65.2%	Medium	Medium	Medium
^ NY Albany, Washington/Western Bus Rapid Transit Line	\$64.0	---	\$64.0	---	---	---	---	---
NY New York City, Woodhaven Boulevard Select Bus Service	\$225.8	\$0.0	\$225.8	\$97.1	43.0%	Medium-High	High	Medium
^ OR Portland, Powell-Division Transit and Development	\$184.0	---	\$184.0	\$100.0	54.3%	---	---	---
TX El Paso, Montana RTS Corridor	\$47.0	\$0.0	\$47.0	\$28.2	60.0%	Medium	Medium	Medium
^ VA Alexandria, West End Transitway	\$119-\$140	---	\$119-\$140	---	---	---	---	---
WA Everett, Swift II BRT	\$73.6	\$0.0	\$73.6	\$47.9	65.1%	Medium	Medium	Medium
WA Seattle, Madison Street BRT	\$120.0	\$0.0	\$120.0	\$59.9	49.9%	High	High	Medium-High
WA Seattle, Seattle Streetcar Center City Connector	\$166.6	\$0.0	\$166.6	\$75.0	45.0%	High	High	Medium-High
^ WA Spokane, Spokane Central City Line	\$72.0	---	\$72.0	---	---	---	---	---
WA Tacoma, Tacoma Link Expansion	\$175.6	\$0.0	\$175.6	\$75.0	42.7%	Medium-High	High	Medium
^ WI Milwaukee East-West Corridor BRT	\$51.9	---	\$51.9	\$31.1	59.9%	---	---	---

FTA Recommendations for Improvement



All Station Areas	<ul style="list-style-type: none">• Continue to document new development and investments to improve pedestrian connectivity• Provide examples of the application of TOD planning tools• Continue to document and quantify development opportunities as station area planning is conducted• Continue to document demonstrated applications of tools to preserve and expand affordable housing
Suburban Station Areas	<ul style="list-style-type: none">• Demonstrate continued examples of new transit-supportive development and supportive infrastructure investments to improve walkability• Continue to implement plans and capital programs to improve pedestrian connectivity and design
Bloomington	<ul style="list-style-type: none">• Complete transit-focused planning for the 98th Street station area• Update zoning as needed to implement station area district plans in Bloomington• Continue to document and quantify potential development opportunities as station area planning is conducted (e.g., for 98th Street Station)
Burnsville	<ul style="list-style-type: none">• Complete transit-focused planning for the Nicollet Avenue and Burnsville Parkway Station Areas• Update zoning as needed to implement station area district plans in Burnsville

TAC Input to Small Starts Application



	June			July					August				Fall 2017		
	12	19	26	3	10	17	23	31	7	14	21	28			12/15
Coordination calls with TAC members	Active														
TAC members develop needed updates, documentation	Active	Active	Active	Active	Active	Active	Active	Active							
TAC members provide needed updates, documentation							Active								
Metro Transit incorporates TAC updates into application								Active							
TAC members review Small Starts application								Active	Active						
Metro Transit finalizes application								Active	Active	Active	Active				
Continuation of municipal-level transit supportive planning												Active	Active	Active	Active
FTA Readiness Review for SSGA															Active

Station Naming Process



Dec. 2016 – Feb. 2017

Input from Orange Line Working Group and TAC on station names

Mar. – May 2017

Input from City of Burnsville and DCRRA on Burnsville station names

Jun. 2017

Review of recommended station names by Orange Line Working Group and TAC

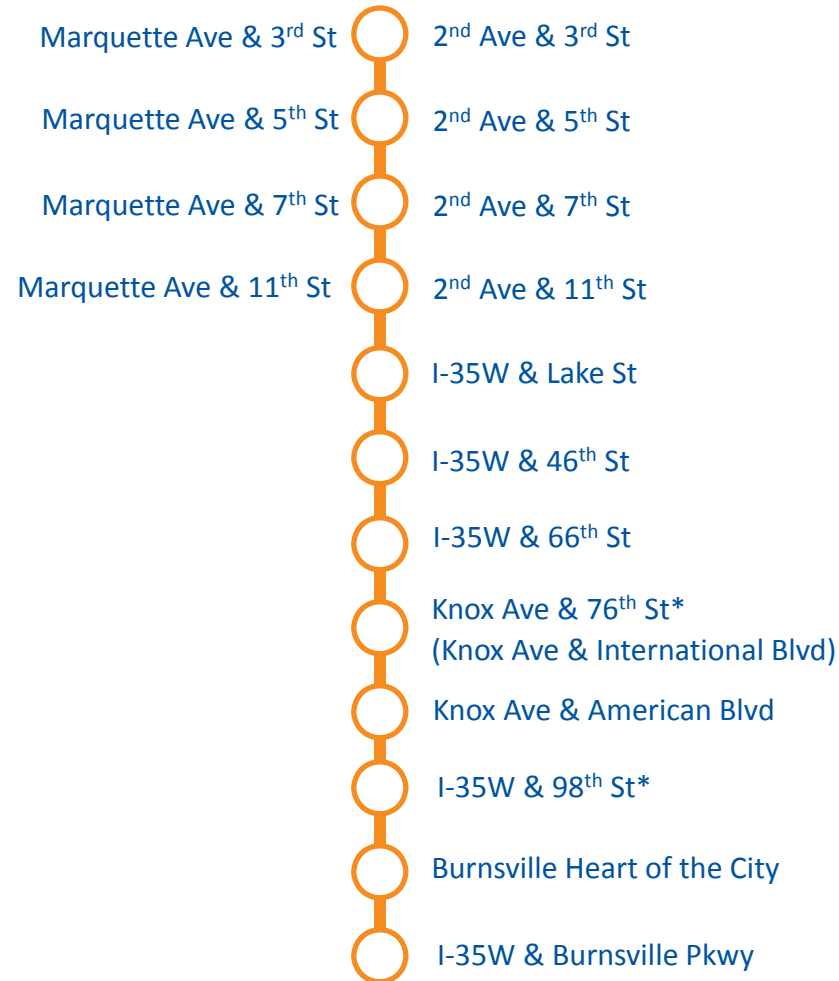
Jun. 26, 2017

Recommended station names brought to Transportation Committee

Jun. 28, 2017

Station names adopted at Metropolitan Council meeting

Recommended Station Names



**Adjacent park & rides will be renamed to reflect Orange Line station name*

Name changes to adjacent park and rides



- METRO branding will replace existing transit center naming in two locations
- Existing signage and transit information will be replaced by Orange Line project
- Provides consistency with LRT station naming

Knox Avenue/Best Buy Park and Ride



METRO Orange Line Knox Ave & 76th St Station

South Bloomington Transit Center



METRO Orange Line I-35W & 98th St Station



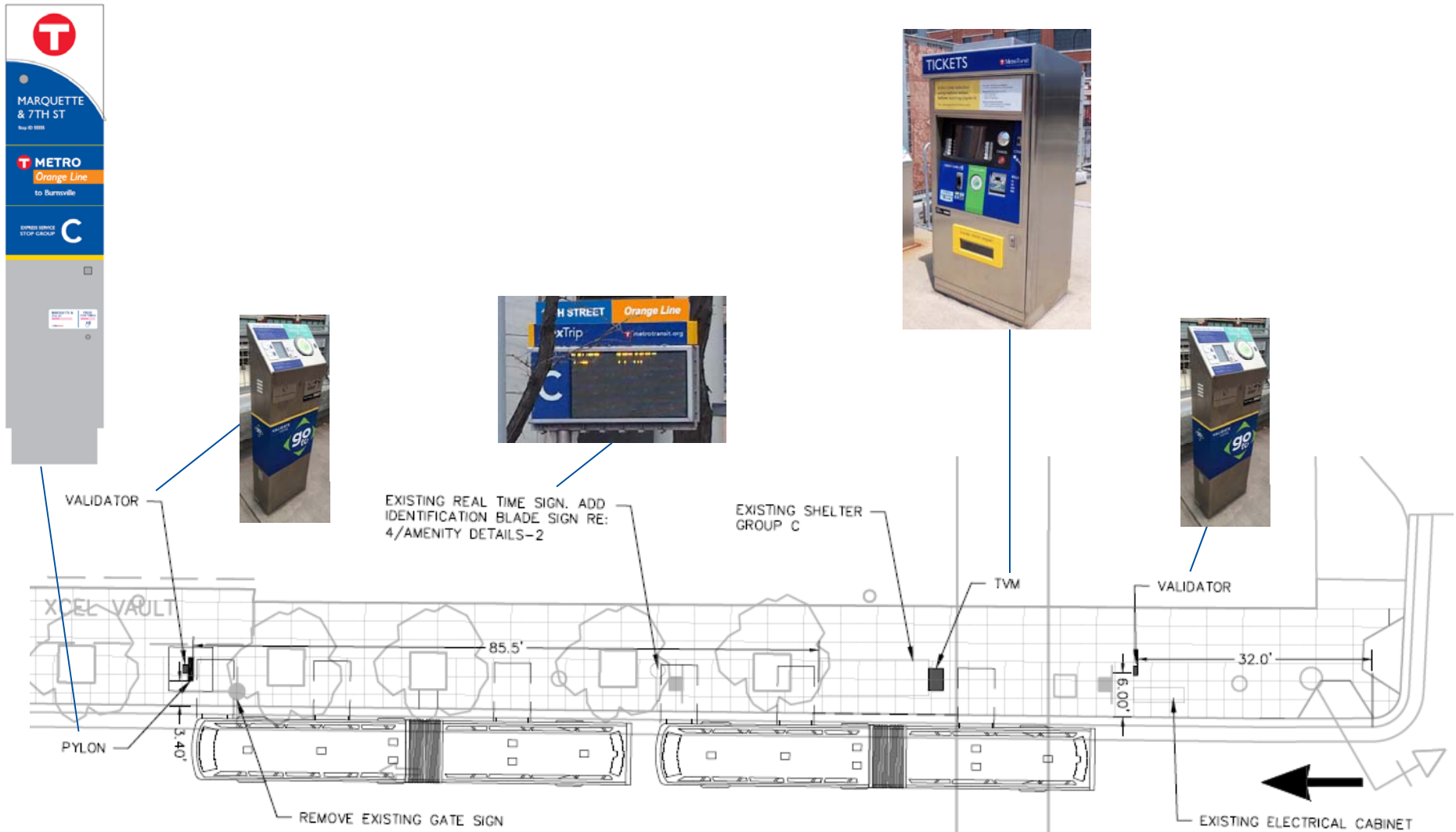
Downtown Station Design



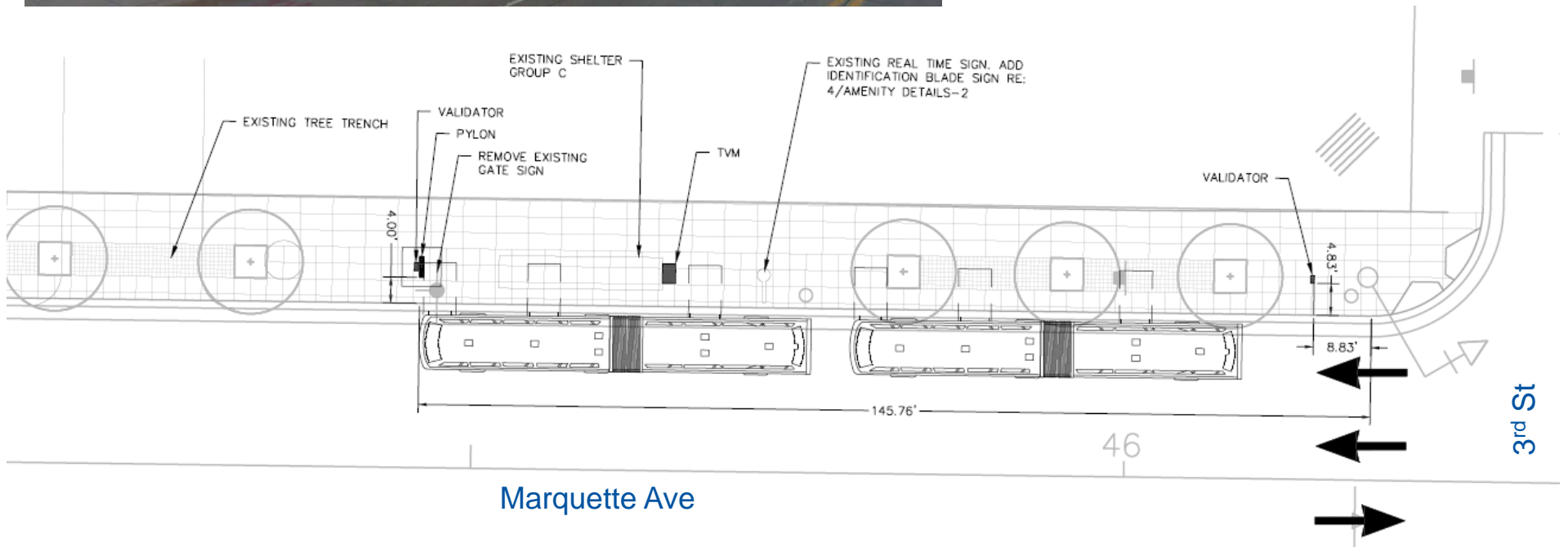
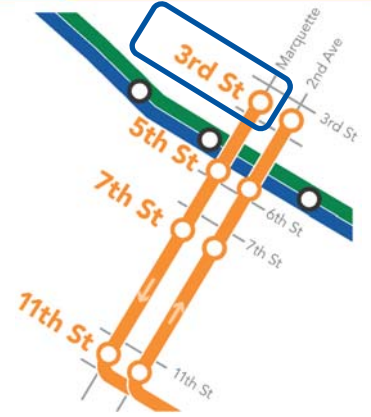
- Marquette Avenue improvements
 - Pylon, blade sign on existing RTS
 - Ticket vending machines, fare card validators
 - Emergency telephones
 - Updates to Marq2 shelter information
- 2nd Avenue improvements
 - Northbound direction towards non-boarding terminus
 - Blade sign on existing RTS
- Pursuing a downtown fare-free zone on Orange Line



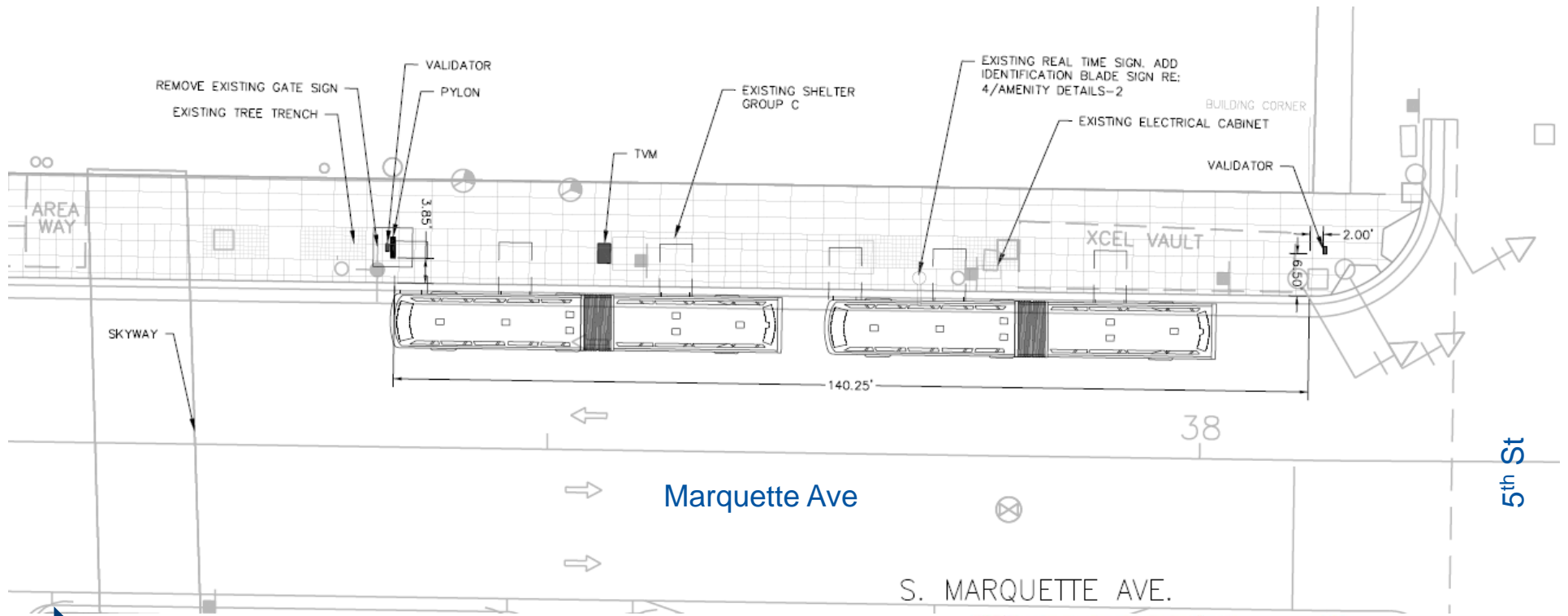
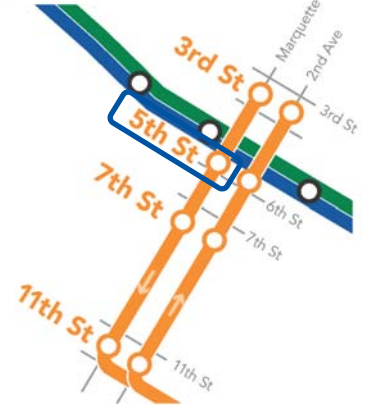
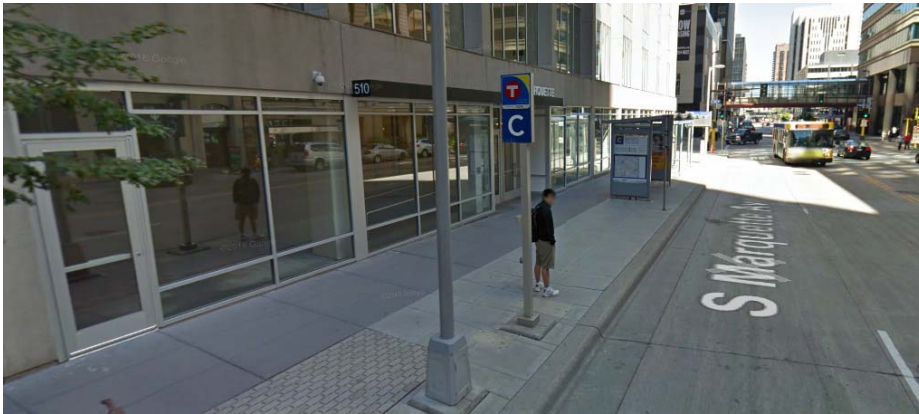
Marquette Avenue Improvements



Marquette Ave & 3rd St



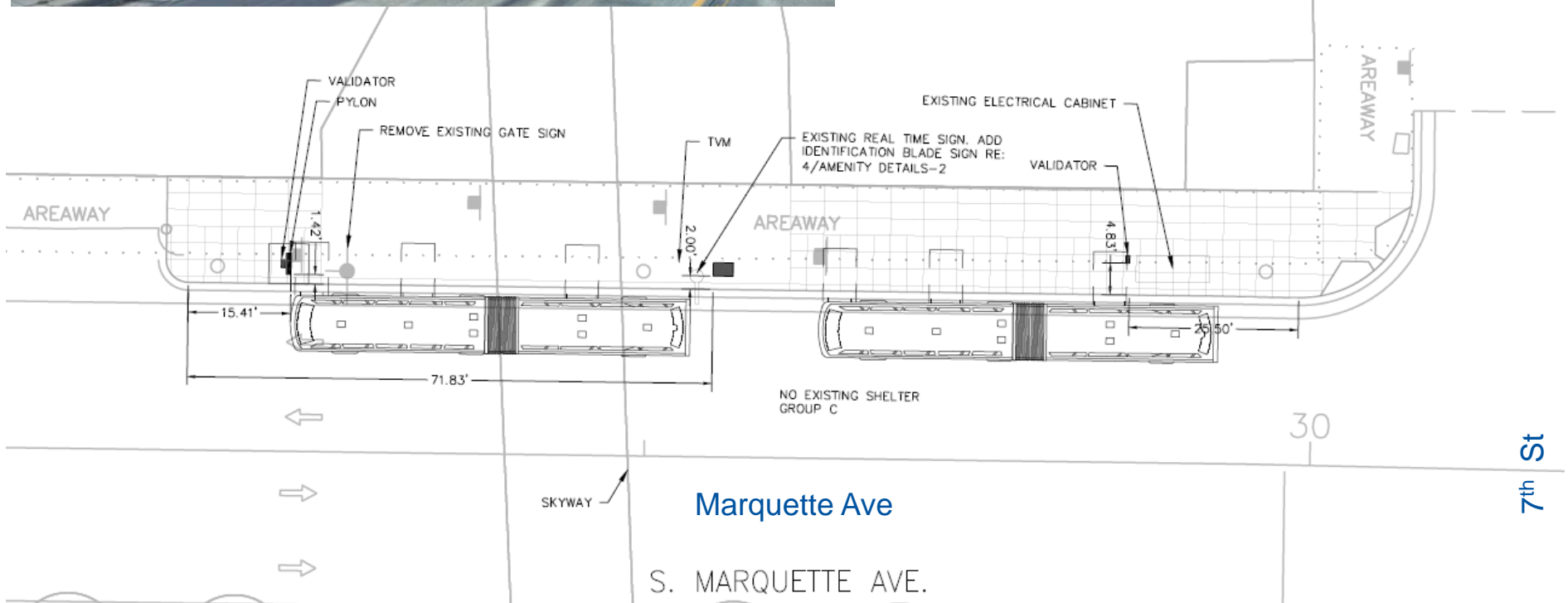
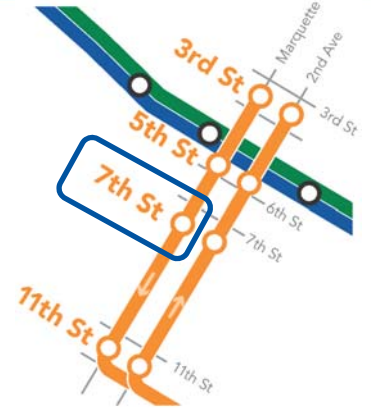
Marquette Ave & 5th St



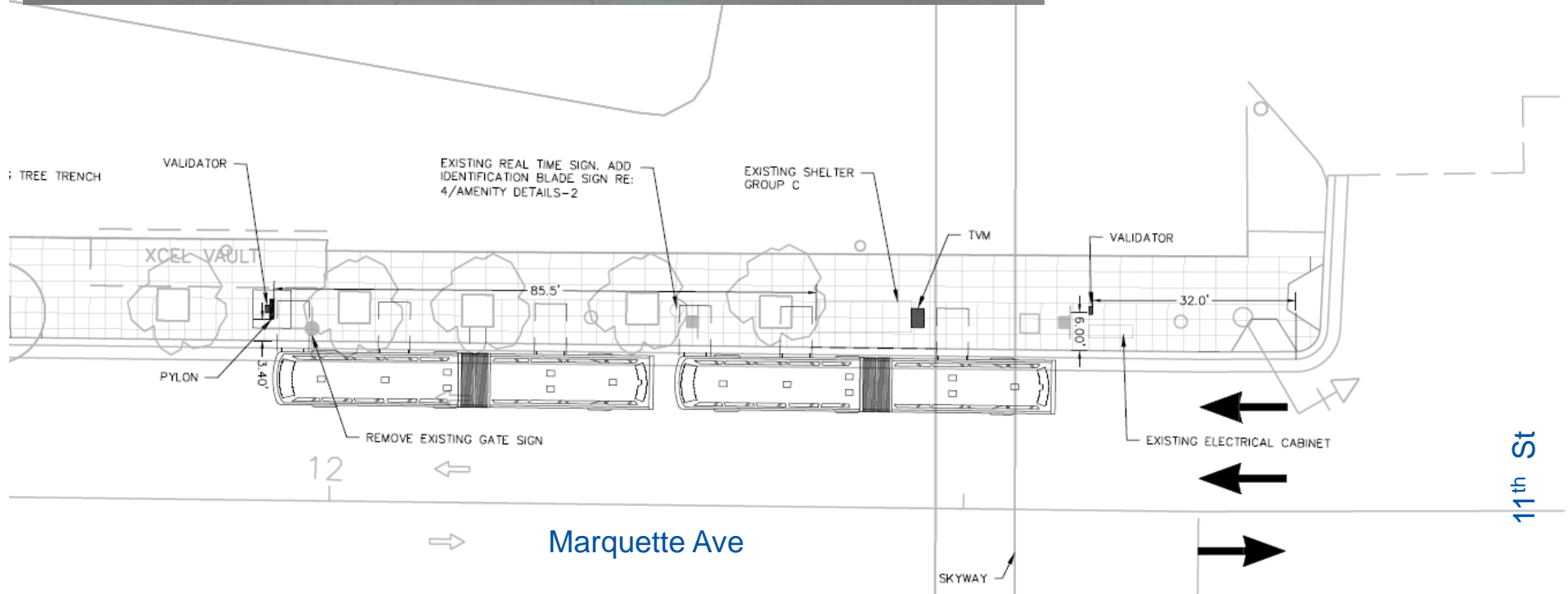
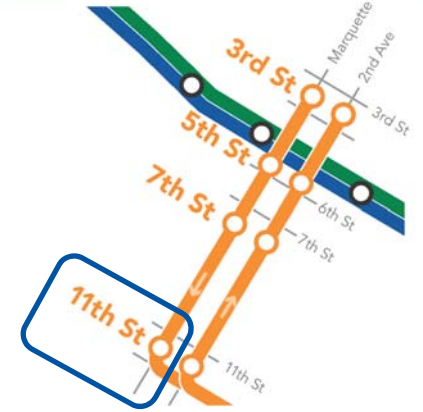
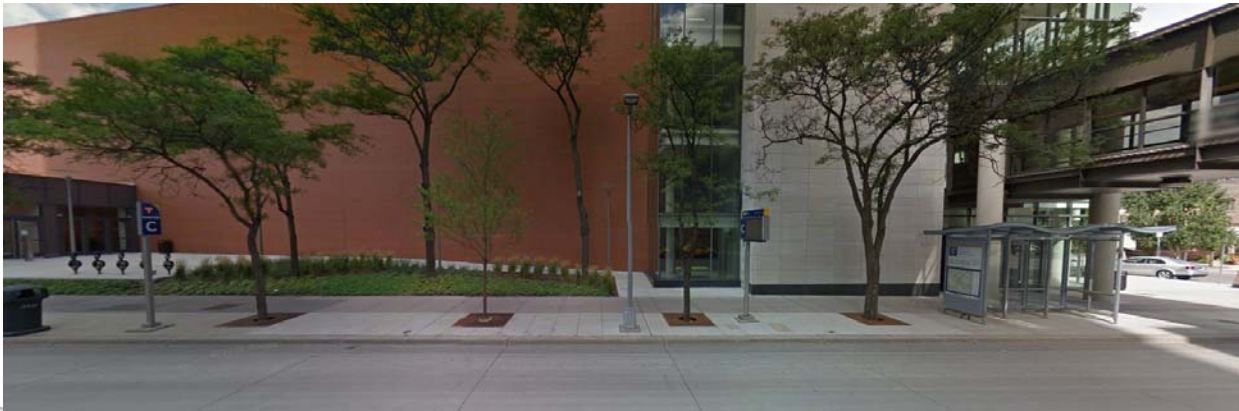
Marquette Ave & 7th St



80TH 8TH ST. S.
MARQUETTE HOTEL
AREAWAY - YES



Marquette Ave & 11th St



Current Inputs Needed from TAC



Topic	Due Date	Contact
Platform addresses	May 31, 2017	Rebecca
Design comments	Ongoing	Rebecca
CIP project and development info	July 15, 2017	Christina
Small Starts application data	July 23, 2017	Natalie

Small Starts Updates

- 2016-2017 development projects (multi-family, mixed-use, affordable housing)
- Updated pedestrian infrastructure & curb ramp data
- Transit-supportive plans, policies, zoning
- City & County chapter review

Three-month look ahead



- 60% design submittal
 - 76th Street
 - American Blvd
 - Knox Ave Transitway
- Real estate title and appraisals
- Small Starts application update
- 60% cost estimates (with actuals for Lake and 12th Street)
- Developing agreements



Existing conditions, I-35W at Lake Street



Existing conditions, Lake Street under I-35W bridge

June Meetings



- June 8th, Franklin Avenue Business Association
 - Presentation on construction phasing and transit detours with MnDOT, City of Minneapolis and Hennepin County
- June 20th, CANDO
 - Presentation on construction phasing and transit detours with MnDOT, City of Minneapolis and Hennepin County