

SOUTHWEST

Green Line LRT Extension



Corridor Management Committee

May 4, 2016



Today's Topics

- Chair's Update
- New Starts Update
- Station Design Update
- Corridor Development Update
- Next Steps
- CAC/BAC Reports



Chair's Update

2016 Legislative Session

- Key Dates
 - 3/8/16: Legislature convenes
 - 4/1/16: Committees must act favorably on bills in the house of origin
 - 4/8/16: Committees must act favorably on bills, or companion bills, that met the first deadline in the other house
 - 4/21/16: House Ways & Means Committee and the Senate Finance Committee must act favorably on major appropriation and finance bills
 - 5/23/16: Legislature adjourns

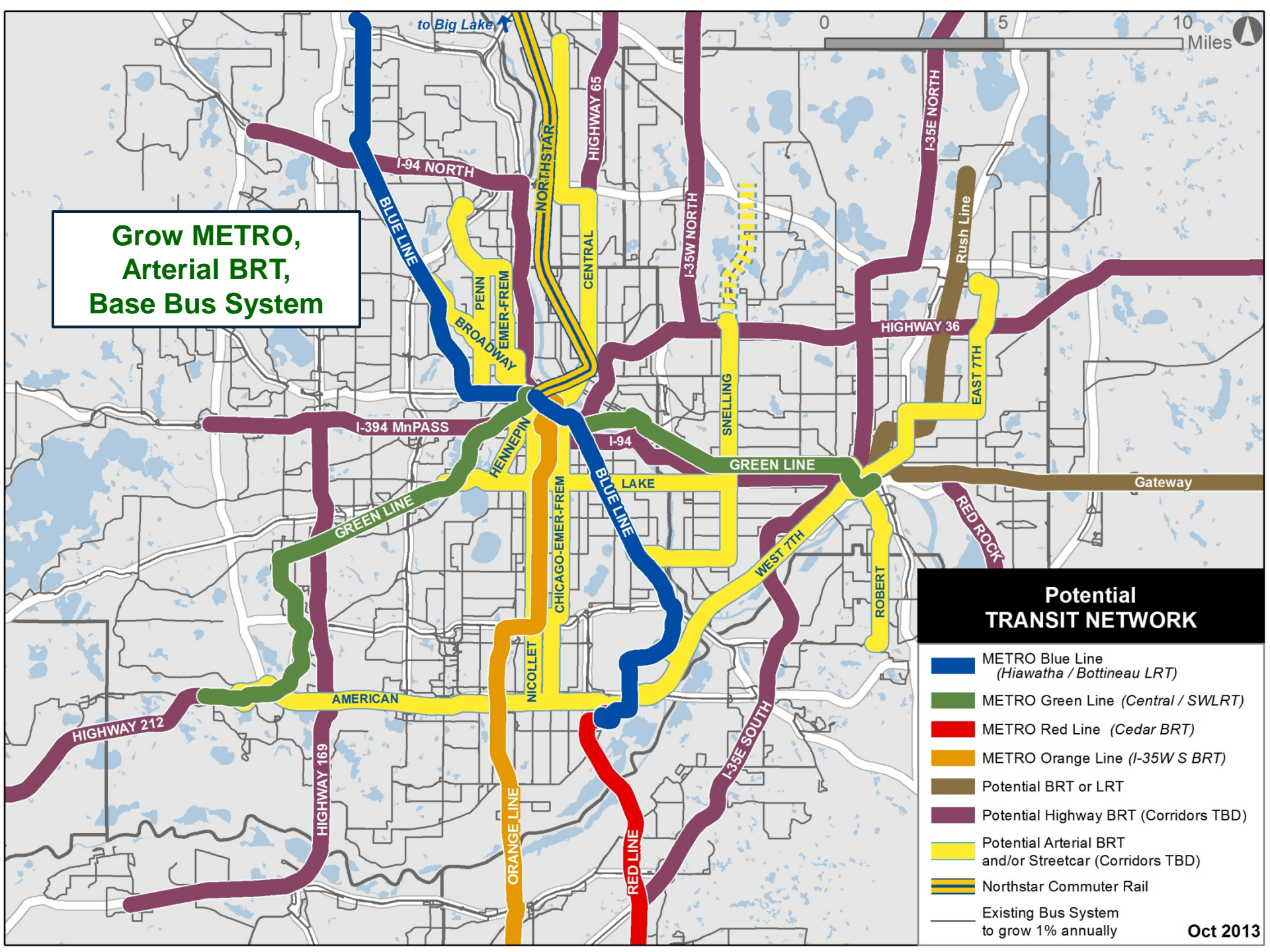
Transportation Bills Carried Over From 2015

- HF 4: Passed 73-59 on 4/21/15
 - General Fund appropriation \$33M (2016) & \$9M (2017)
 - Transit Assistance appropriation \$266M (2016) & \$283M (2017)
 - Reduction in General Fund proportional to growth in Motor Vehicle Sales Tax (MVST)
- SF 1904: Passed 36-27 on 4/27/15
 - Metropolitan transit improvement area transit sales and use tax
 - $\frac{3}{4}$ of 1% on retail sales and uses in seven county area
 - Allocate 8.5% of revenue to CTIB, balance to Metropolitan Council

Governor's Budget Proposal

- Comprehensive transportation plan includes roads, bridges and transit
 - Provides capital funds for 17 BRT & 3 LRT lines
 - Funded by ½ cent sales tax in 7-county metro area
 - Forecasted revenue:
 - \$170M in FY17
 - \$270M in FY18
 - \$283M in FY19

**Grow METRO,
Arterial BRT,
Base Bus System**

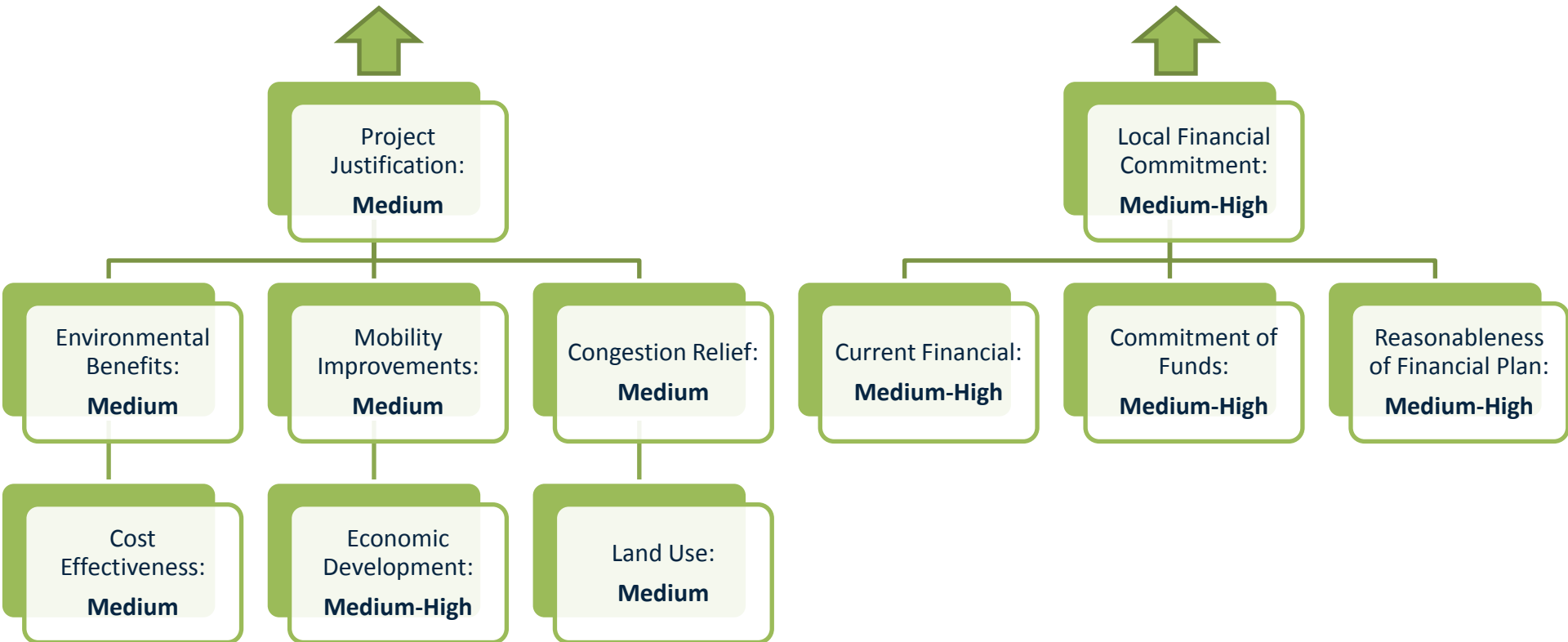


Potential TRANSIT NETWORK

- █ METRO Blue Line (*Hiawatha / Bottineau LRT*)
- █ METRO Green Line (*Central / SWLRT*)
- █ METRO Red Line (*Cedar BRT*)
- █ METRO Orange Line (*I-35W S BRT*)
- █ Potential BRT or LRT
- █ Potential Highway BRT (Corridors TBD)
- █ Potential Arterial BRT and/or Streetcar (Corridors TBD)
- █ Northstar Commuter Rail
- █ Existing Bus System to grow 1% annually

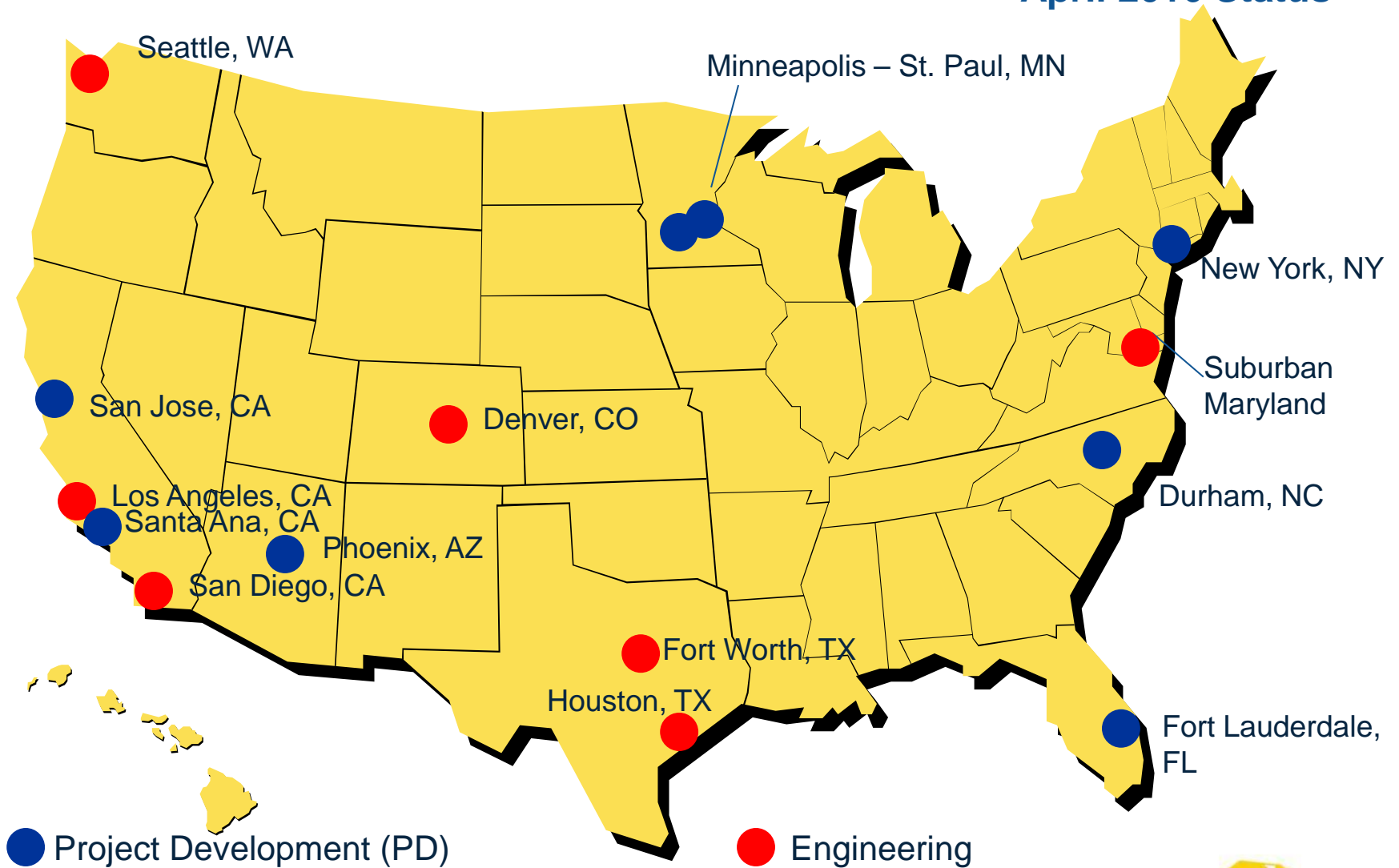
New Starts Update

SWLRT Overall Project Rating: Medium-High



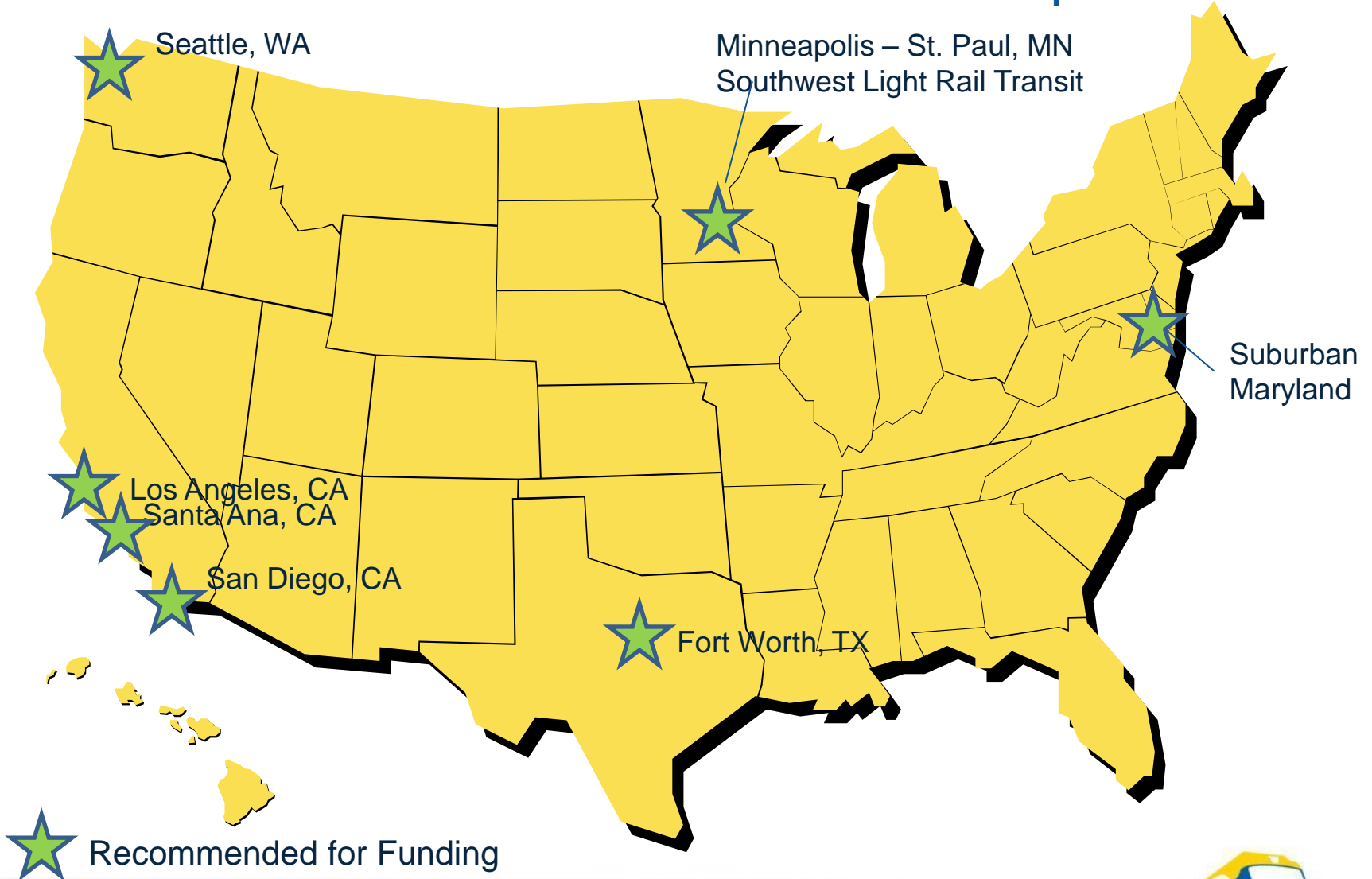
Peer “New Starts” PD and Engineering Projects

April 2016 Status



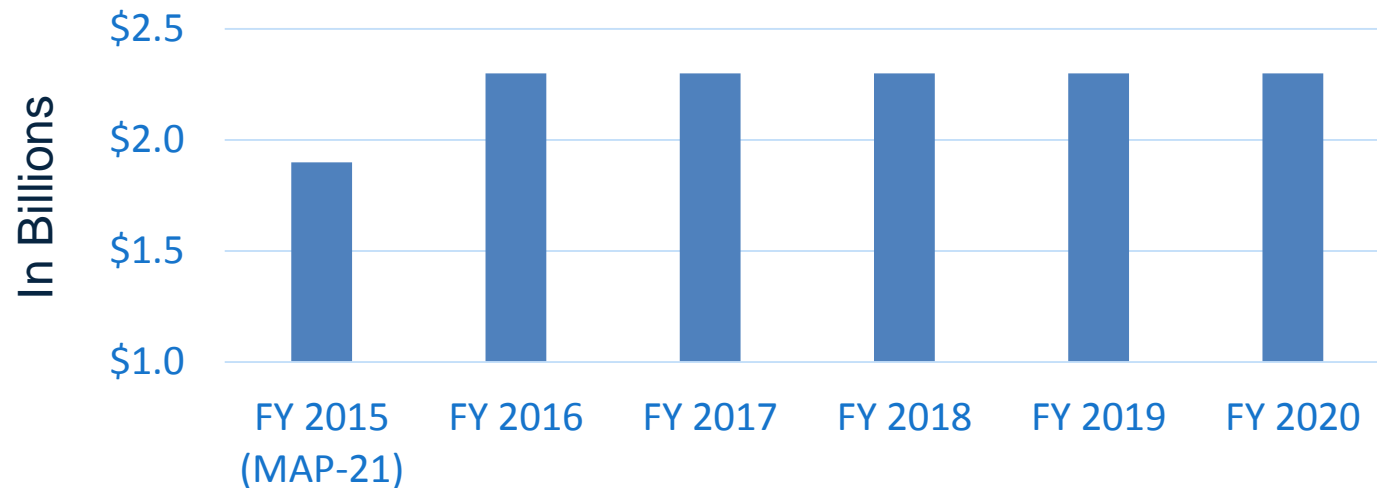
Peer “New Starts” Recommended By President Obama for Funding

April 2016 Status



New Starts/Small Starts (in billions)

- Funding authorization increases to \$2.3 billion/year (20.7% increase over MAP-21)



Station Design Update: Station Panels

Station Panels

West Lake Street Station

wicket with station panel



Draft – Work in Process

Station Panels

Shady Oak Station

pylon with station panels



Draft – Work in Process

Station Panels

- Panels at all stations except SouthWest Station, which is within a parking structure
- Size and number of panels depends on station design
 - Pylon height is 28 ft approx.
 - Wicket height is 16 or 18 ft approx. depending on station design
- Panel materials include:
 - Stainless steel mesh with etched pattern
 - Laser/Jet cut metal plate (stainless steel or painted)
- Panel design theme based on station context

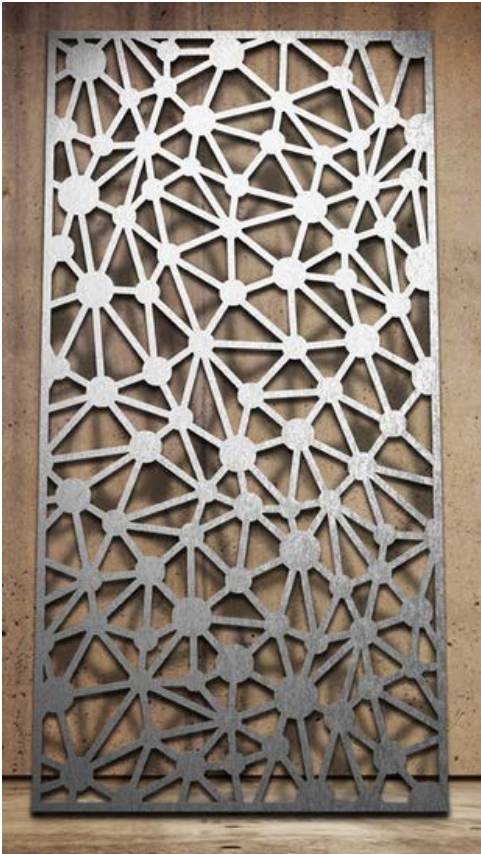
Station Panel Themes: Input

- Station design open houses in spring 2015
- TPAC/CAC/BAC
- Other advisory and neighborhood committees
 - Harrison Neighborhood Association
 - SWLRT Kenilworth Landscape Design Committee
 - St. Louis Park Station Design Committee
- City staff
 - Marketing/community branding themes
 - Historical themes

Station Panel Materials



Etched Stainless Mesh



Stainless Steel Plate
(laser/jet cut)



Painted Steel Plate
(laser/jet cut)

Example Station Panels



Example panels shown at approx. 18 ft tall

Draft – Work in Process

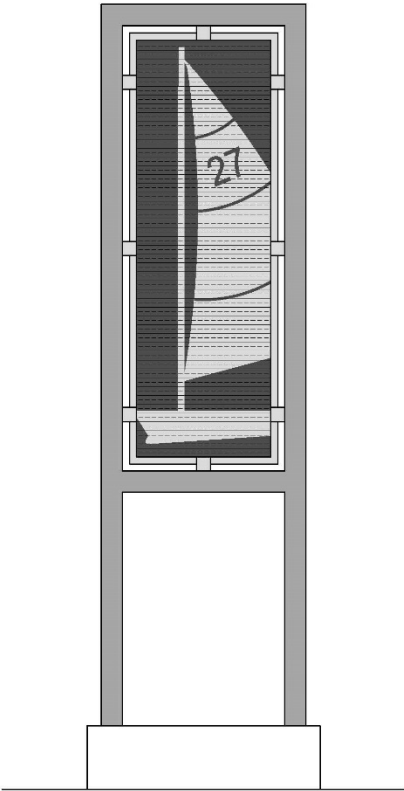
West Lake Street Station Panels

- 3 wickets
- 3 unique panel designs
- Etched stainless steel mesh

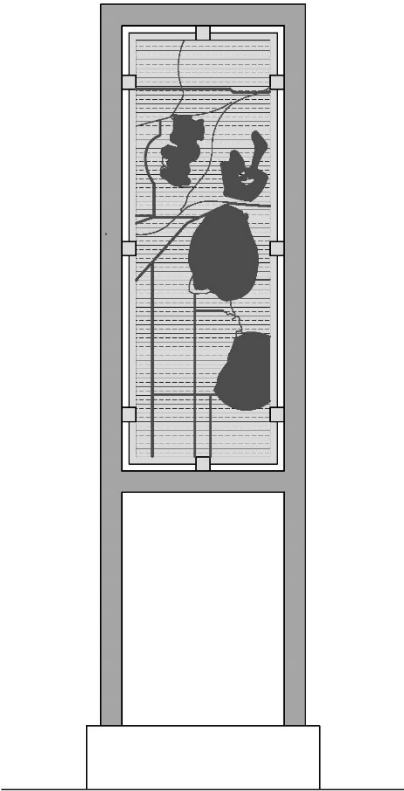


West Lake Street Station Panels

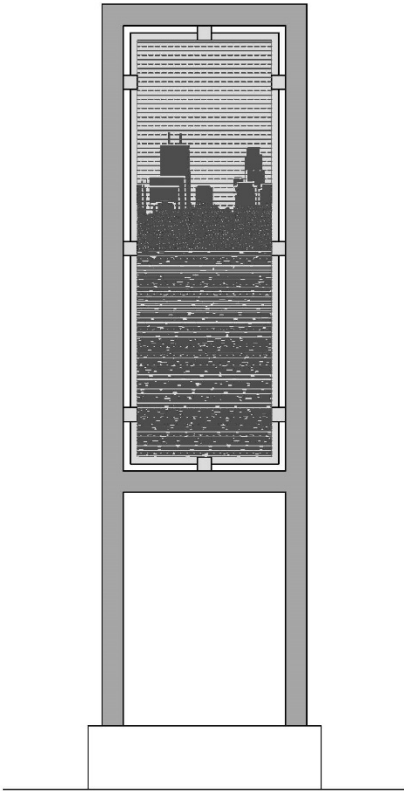
A



B



C



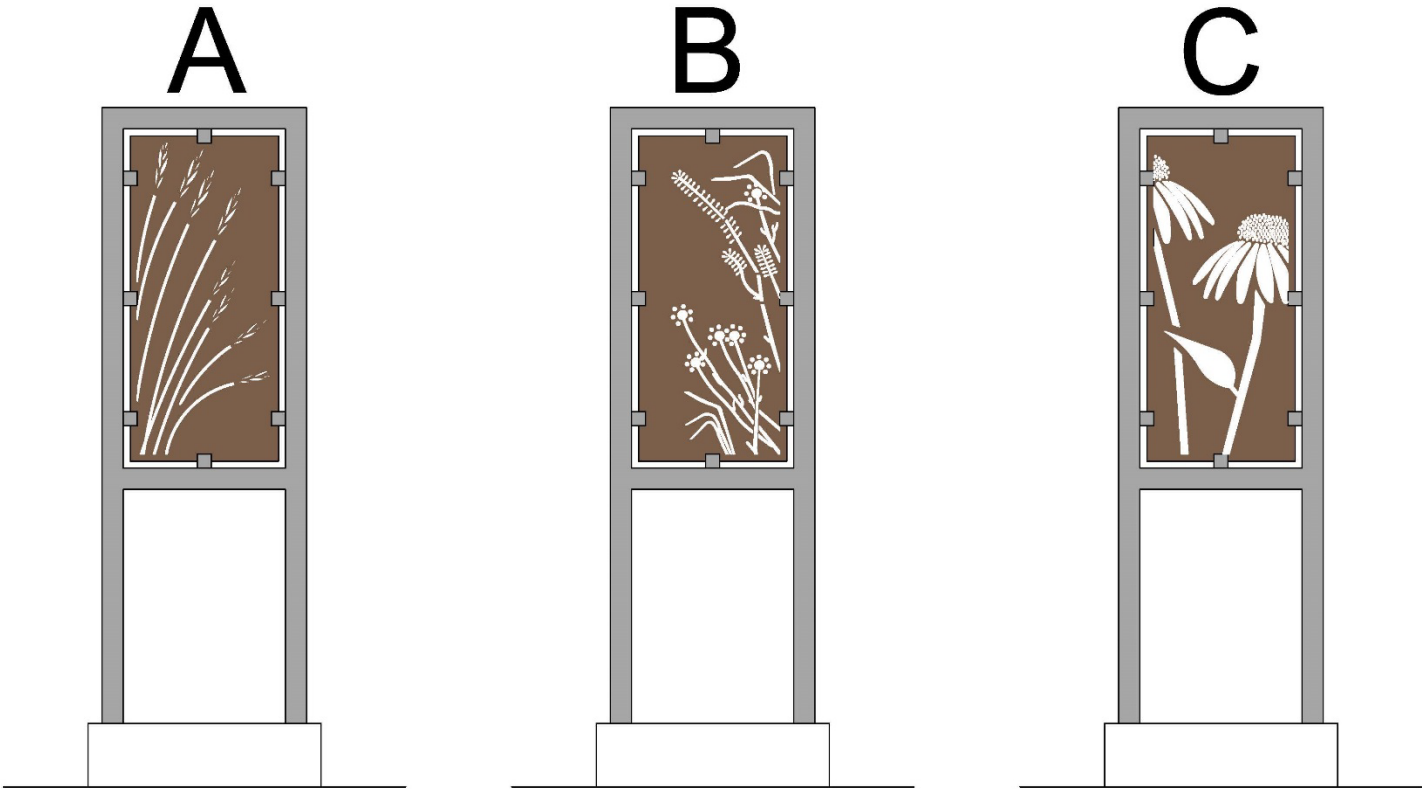
Draft – Work in Process

Bryn Mawr Station Panels

- 5 wickets
- 3 unique panel designs
- Laser/jet cut steel plate; likely painted



Bryn Mawr Station Panels



Draft – Work in Process

Station Panels

- City West, Shady Oak, and Louisiana Ave:
 - 2 pylons (4 panels each)
 - 2 unique panel designs total
 - Pylons to be 28 ft tall approx.
- Golden Triangle, Downtown Hopkins, Beltline Blvd and West Lake St:
 - 3 wickets (1 panel each)
 - 3 unique panel designs total
 - Wickets to be 18 ft tall approx.

Station Panels

- Blake Rd and Wooddale Ave:
 - 4 wickets (1 panel each)
 - 3 unique panel designs total
 - Wickets to be 18 ft tall approx.
- Opus and West 21st St:
 - 4 wickets (1 panel each)
 - 3 unique panel designs total
 - Wickets to be 16 ft tall approx.

Station Panels

- Bryn Mawr:
 - 5 wickets (1 panel each)
 - 3 unique panel designs total
 - Wickets to be 16 ft tall approx.
- Bassett Creek Valley (partially under bridge):
 - 1 pylon (4 panels)
 - 2 wickets (1 panel each)
 - 3 unique panel designs total
 - Pylon to be 28 ft tall approx.
 - Wickets to be 18 ft tall approx.

Station Panels

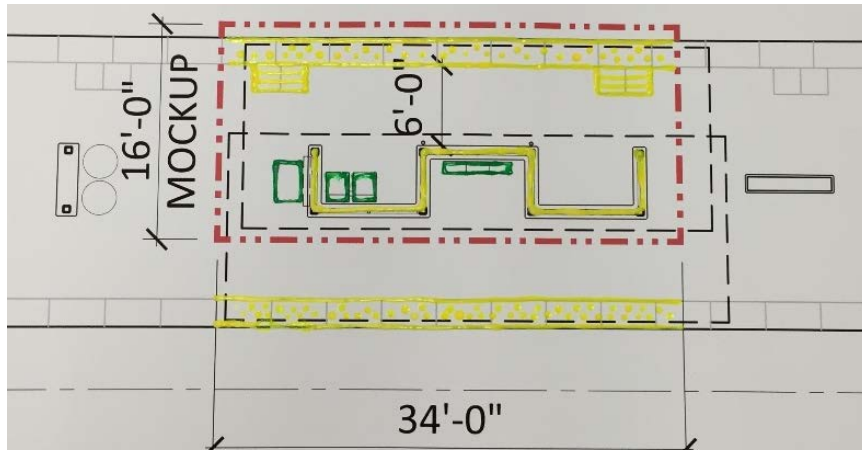
- Royalston Ave/Farmers Market (side platform station):
 - 8 wickets (1 panel each)
 - 4 unique panel designs total
 - Wickets to be 18 ft tall approx.

Station Panels: Next Steps

- SPO will present all station panel designs to CAC/BAC in May; followed by an update at a future CMC meeting

Transportation Accessibility Advisory Committee Workshop

Transportation Accessibility Advisory Committee: Platform Mock-up



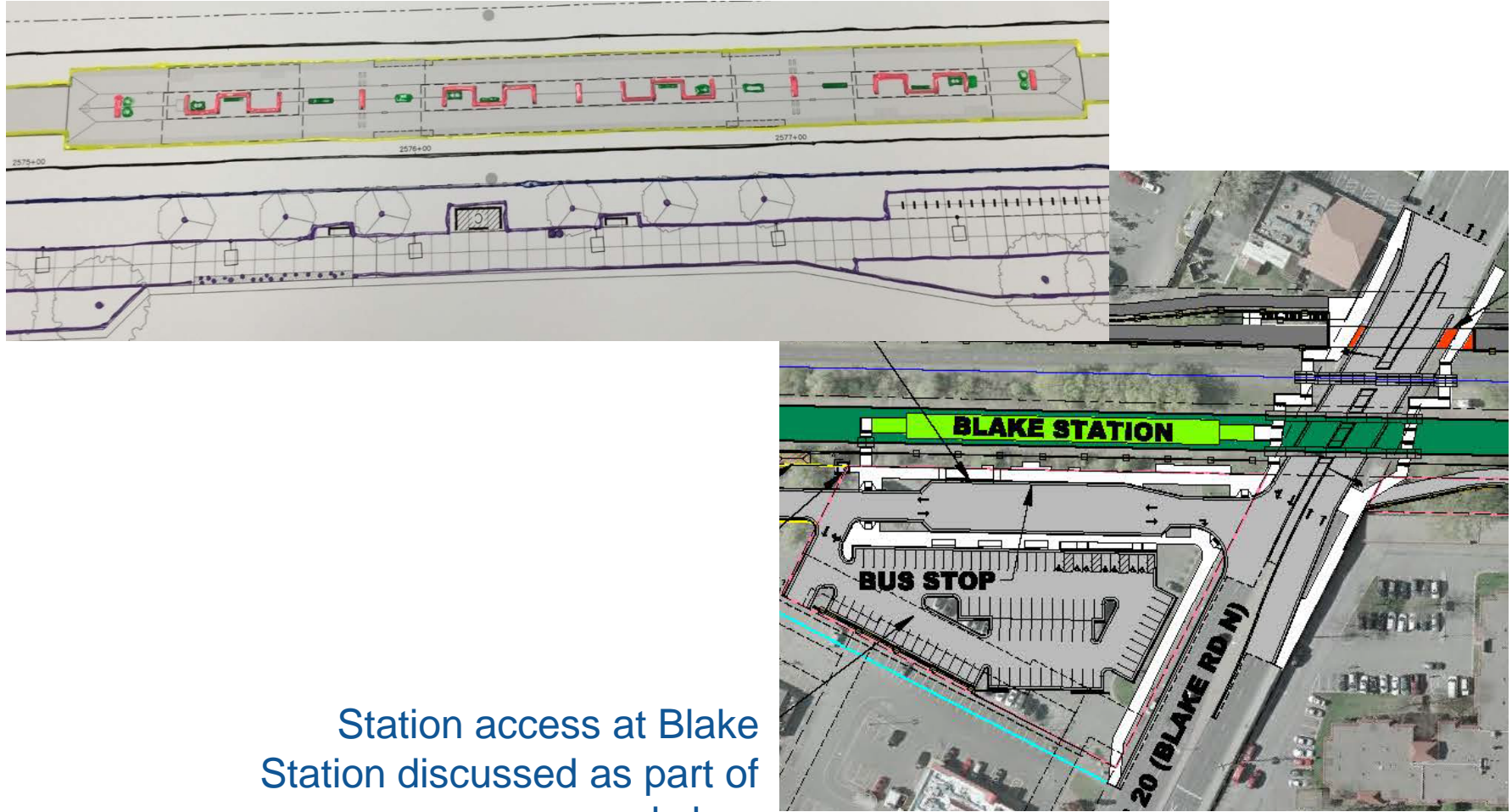
Tactile drawing of mock-up



Photos taken during workshop

Transportation Accessibility Advisory Committee: Station Access

Tactile drawing of station used for workshop discussion



Station access at Blake Station discussed as part of workshop

Sample Feedback

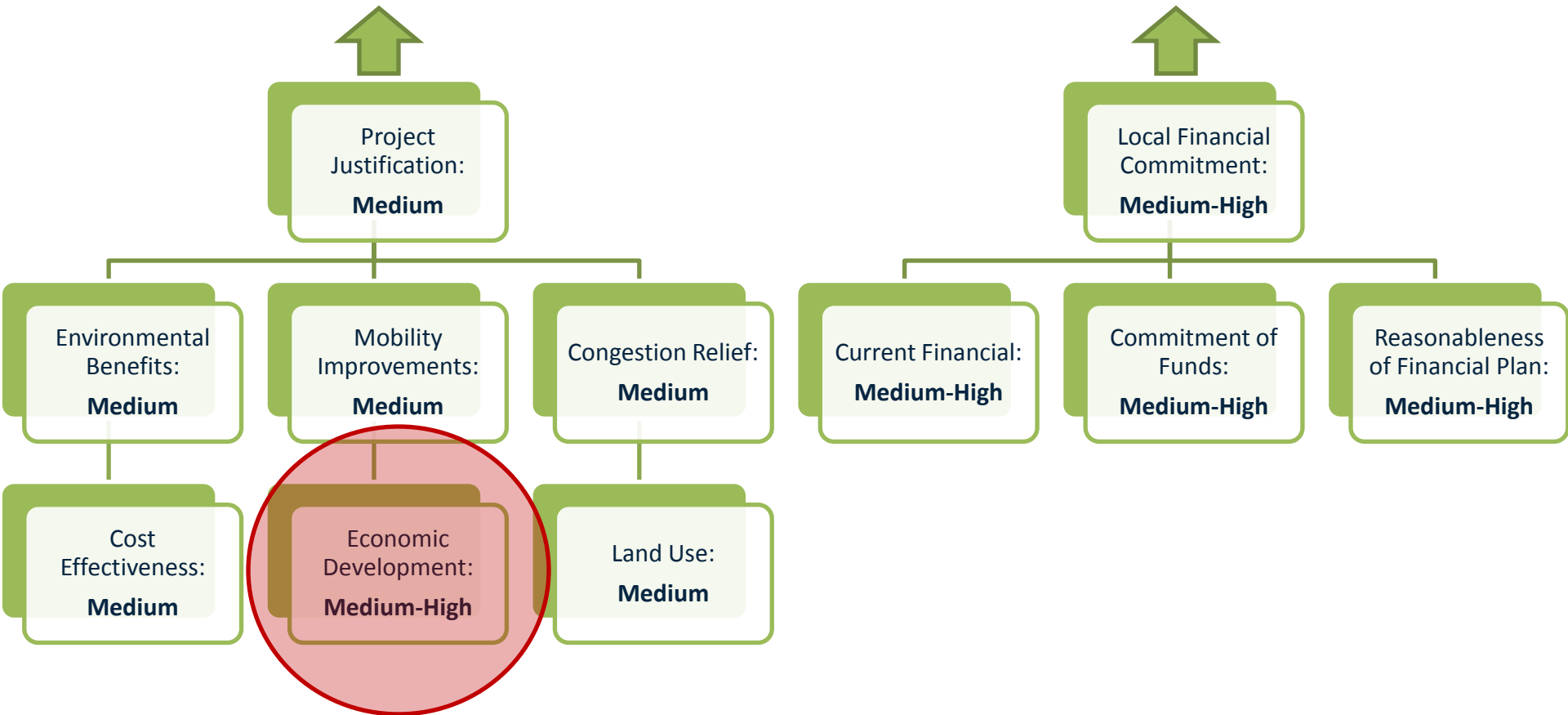
- SWLRT platform width and size of enclosures:
 - Enclosure size/layout can accommodate two benches and a person using a wheelchair comfortably
 - Narrow shelter opening less susceptible to wind and weather, provides denser heat coverage
- Furnishings:
 - Not in favor leaning rails
 - Would like more benches
 - Providing an armrest on the outside edge of benches would be helpful and provide flexibility

Corridor Development Highlights

Green Line Extension Development: \$430 M



SWLRT Overall Project Rating: Medium-High



New Starts Rating: Economic Development

Economic Development:
Medium-High



Transit Supportive Plans
and Policies:
Medium-High

Performance and
Impacts of Policies:
Medium-High

Tools to
Maintain/Increase Share
of Affordable Housing:
High

Supportive TOD Plans/Policies

Community	Policy/Plan
Eden Prairie	TOD Zoning Ordinance for station areas in process
Minnetonka	Shady Oak Development Strategy with Hopkins
Hopkins	Mixed-use zoning district
St. Louis Park	Inclusionary zoning, Form Based Code in process
Minneapolis	No minimum parking requirements
Hennepin County Community Works	Transitional Station Area Action Plans, Investment Framework, SW Corridor Housing Strategy
Met Council	TOD Strategic Plan, TOD Policy

Grants Supporting TOD: 2011 - 2015

Community	Met Council's LCA-TOD Grants		Hennepin County TOD Fund*	
	# of Grants	Award	# of Grants	Award
Minneapolis	3	\$920,500	1	\$565,000
St. Louis Park	3	\$250,000	1	\$430,000
Hopkins	8	\$4,033,200	2	\$800,000
Minnetonka	2**	\$150,000	--	--
Eden Prairie	1	\$45,000	1	\$470,000
Total	17	\$5,398,700	5	\$2,265,000

*Does not include Hennepin County Community Works funding

**\$50,000 grant shared by Minnetonka and Hopkins for Shady Oak Station zoning analysis

Tools to Maintain/Increase Share of Affordable Housing

- Hennepin County, SWLRT cities & stakeholders:
 - Housing Inventory
 - Gaps Analysis
 - Strategic Plan
- Hennepin County Community Works Steering Committee adopts strategic plan in 2016

TOD: Next Steps

- Update New Starts Application
 - Land Use and Economic Development sections
- Continue work to implement FTA Joint Development opportunity at Beltline Blvd Station
- Support communities as they seek additional TOD funding opportunities

Eden Prairie Video

<http://www.swlrtcommunityworks.org/news/eden-prairie-video>

SWLRT Next Steps

Next Steps: Summer 2016

- Review and approve project scope and cost estimate as project budget prior to applying for entry into Engineering
 - CMC
 - ECCB
 - HCRRA
 - CTIB
- Approve project scope and budget, authorize SPO to submit application to enter Engineering
 - Transportation Committee
 - Metropolitan Council

More Information

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