

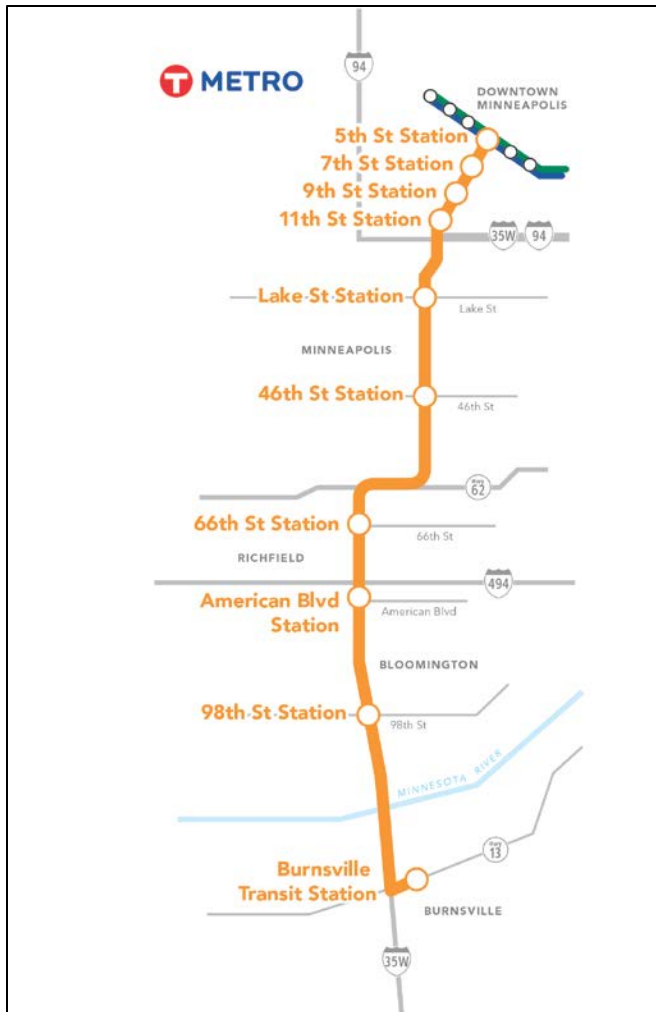


METRO Orange Line Bus Rapid Transit



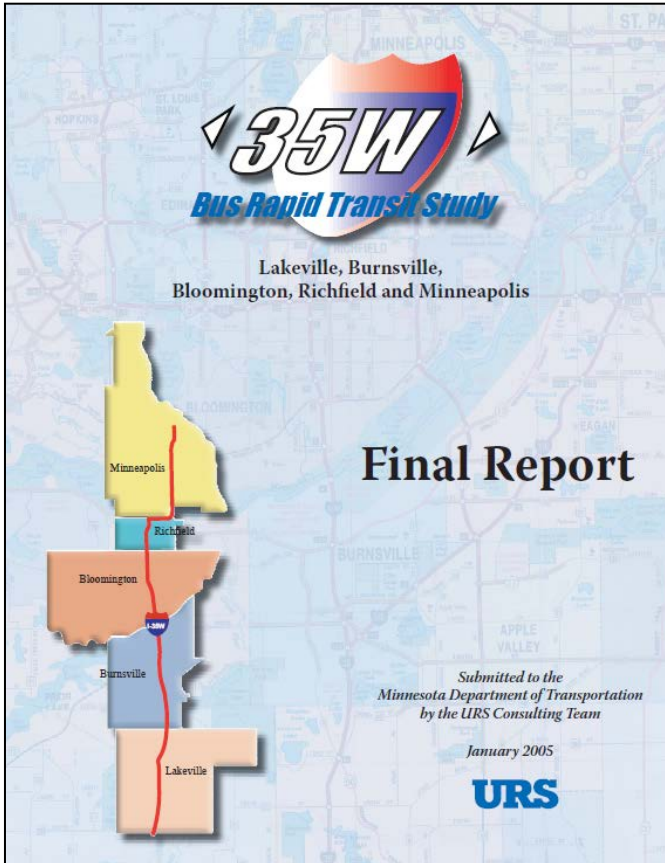
I-35W/Lake Transit Access Project PAC
March 28, 2013

I-35W South Corridor



- Builds on decades of I-35W transit success
- BRT adopted as LPA in 2009
- Improve access to more jobs and new destinations
- Connect to METRO system
- Serves Minneapolis, Richfield, Bloomington, and Burnsville
- 16-mile corridor
- Phase II could extend to Lakeville

I-35W BRT STUDY



Recommendations

- HOV/BRT Lane
 - Buses at free-flow speed
 - Extend to HOV downtown
- On-Line Stations
 - 46th Street
 - Lake Street
 - American Blvd/I-494
- Service Improvements
 - Express Service
 - Station-to-Station Service
 - Improve downtown transit speeds
 - Lakeville Park & Ride

UPA & Related Projects (2008-2010)

- Continuous transit lanes downtown (Marq2)
- Continuous transit lanes on freeway
 - Priced Dynamic Shoulder Lanes, conversion of HOV to HOT lane, extension of HOT lanes
- 46th Street online transit station
- 98th Street station design
- Lakeville online transit station



Runningway and station at 46th Street

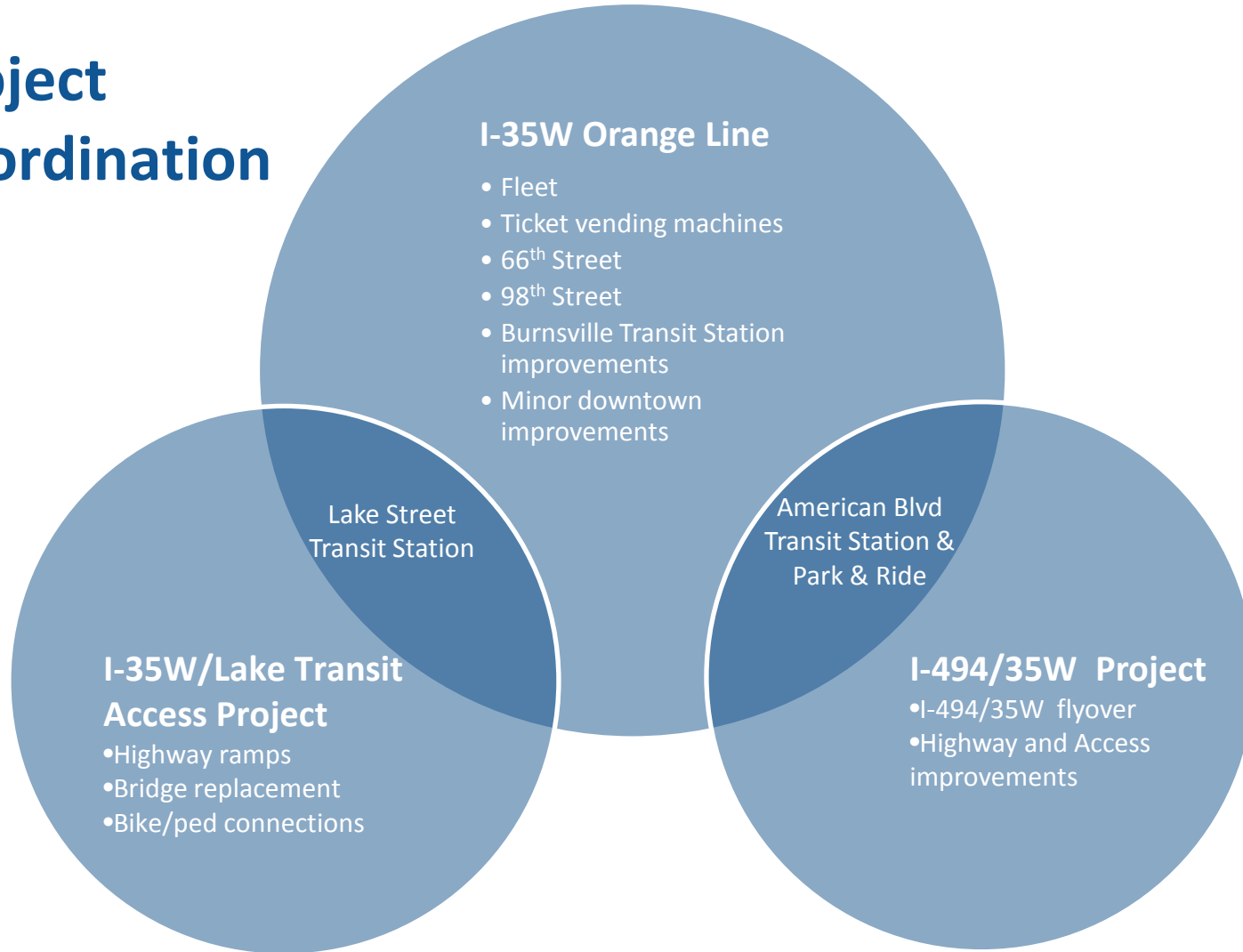
Project Postponed (2010)



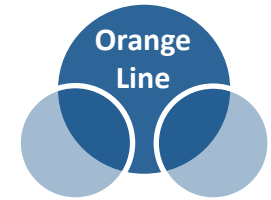
Congestion on 35W northbound

- Crosstown Commons opening pushed heavy congestion north towards I-94
 - Unanticipated and significant delays serving Lake Street stop
- BRT would face major delays
- I-35W/Lake Access Project did not include a transit station at Lake Street

Project Coordination



Orange Line Project Scope



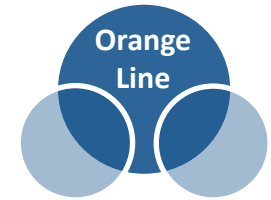
Fleet & Service

- Transit vehicles for station-to-station service
 - Low floor
 - Multi-door boarding
- New station-to-station service
 - Operate more frequent service each direction
- Add transit advantages on 11th and 12th Streets in downtown



Swift BRT line in Snohomish County

Orange Line Project Scope



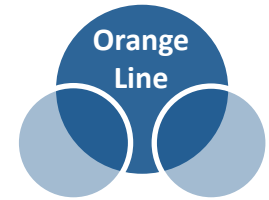
Upgrade existing stations

- Downtown
 - Add ticket machines and branded signage on Marq2
- 46th Street
 - Add ticket machines and branded signage



Downtown passenger amenities

Orange Line Project Scope



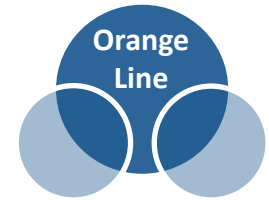
Minor station construction

- 66th Street
 - Replace bus shelter at existing bus stops on off-ramp with upgraded station shelters, ticket machines, and real-time signage



Near side transit stations at 66th Street

Orange Line Project Scope



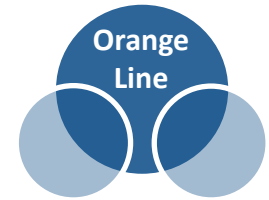
Minor station construction

- 98th Street
 - Add two new stops on exit/entrance ramps



New stations on Dupont and at South Bloomington Transit Center

Orange Line Project Scope



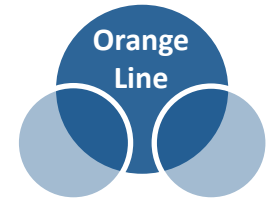
Minor station construction

- Burnsville Transit Station
 - Revise curb at existing station or add small bus circulation area to increase bus capacity in PM peak periods



Existing transit station facility; platform locations TBD

Orange Line Project Scope



Major station construction

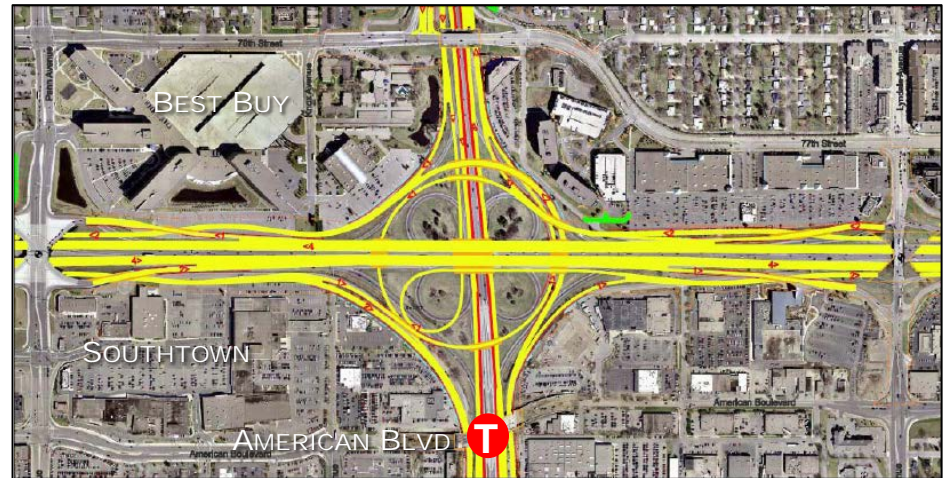
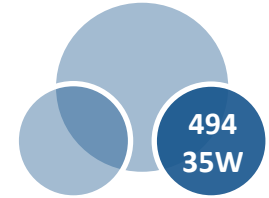
- Lake Street
 - Build transit-related components of I-35W/Lake Access Project
- American Boulevard
 - Build transit-related components of I-494/35W Project



Station site at American Boulevard, looking south on 35W

I-494/35W Project Scope

- 2013 Vision Layout to determine interchange, transit configuration
- Improve freeway system interchange
- Replace park and ride displaced by interchange design
- Add median transit station at American Boulevard
 - Phased road and bridge elements
 - Connect to local buses



Selected "turbine" interchange design at I-494 & I-35W

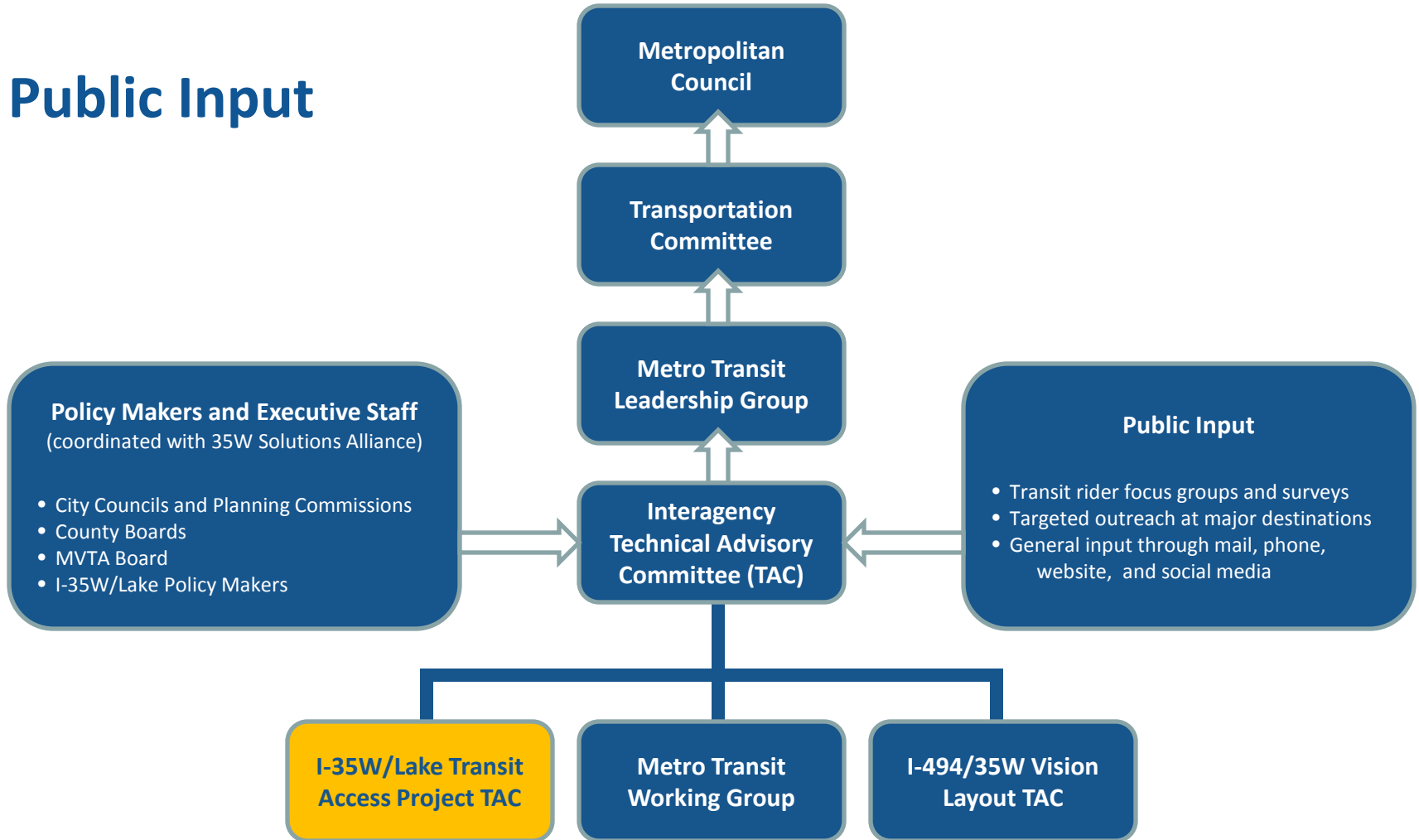
Project Timeline

	2013	2014	2015	2016	2017	2018
Develop Orange Line Project Plan Update	▶					
Apply for Funding	▶					
Public Input for Planning	▶					
Orange Line in Project Development		▶				
Complete Environmental Work		▶				
Orange Line Construction				▶		
Service Restructuring Plan				▶		
Orange Line in Service (Phase I)						▶
Coordinate with Related Projects	▶					

Project Plan Update (2013)

	Goals
1	Document previous planning
2	Determine environmental (NEPA) path
3	Develop existing conditions report
4	Compile demographic & land use information
5	Review transit service planning
6	Forecast ridership
7	Create conceptual design for 66 th , 98 th & BTS
8	Develop project scope, budget & timeline
9	Define implementation roles & responsibilities
10	Scope Orange Line Phase II

Public Input





METRO Orange Line Bus Rapid Transit

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