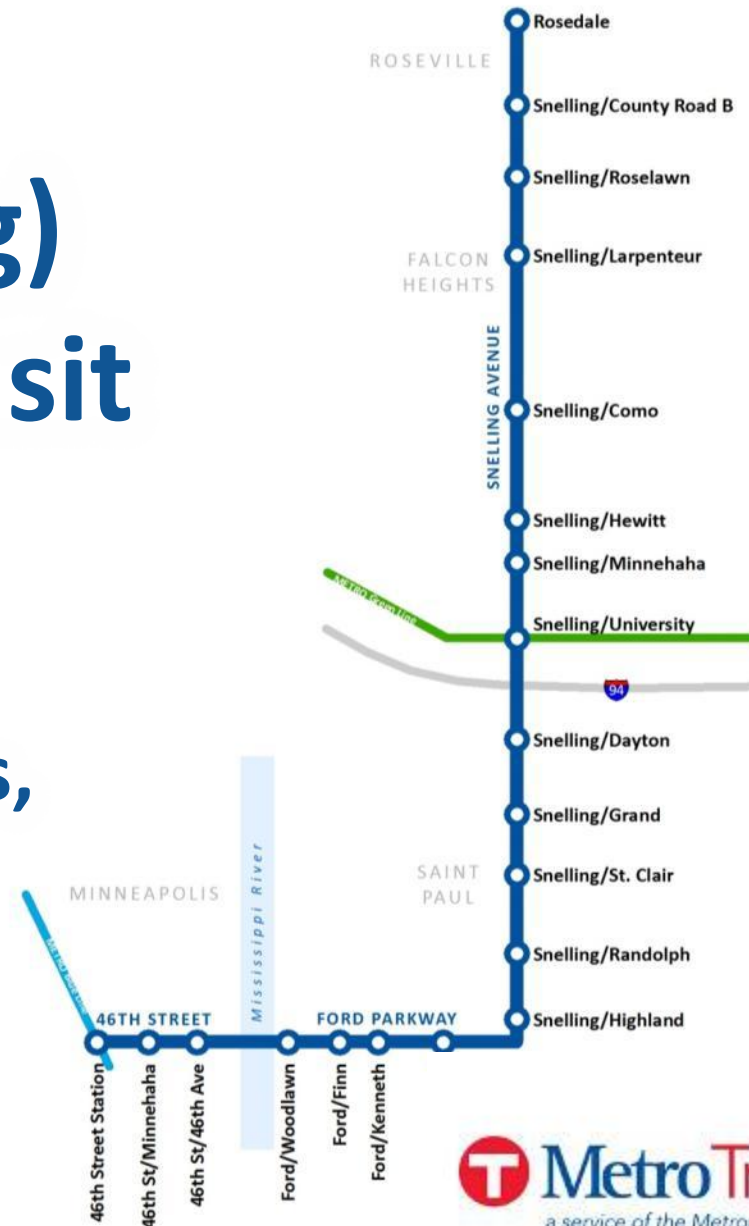


# A Line (Snelling) Bus Rapid Transit

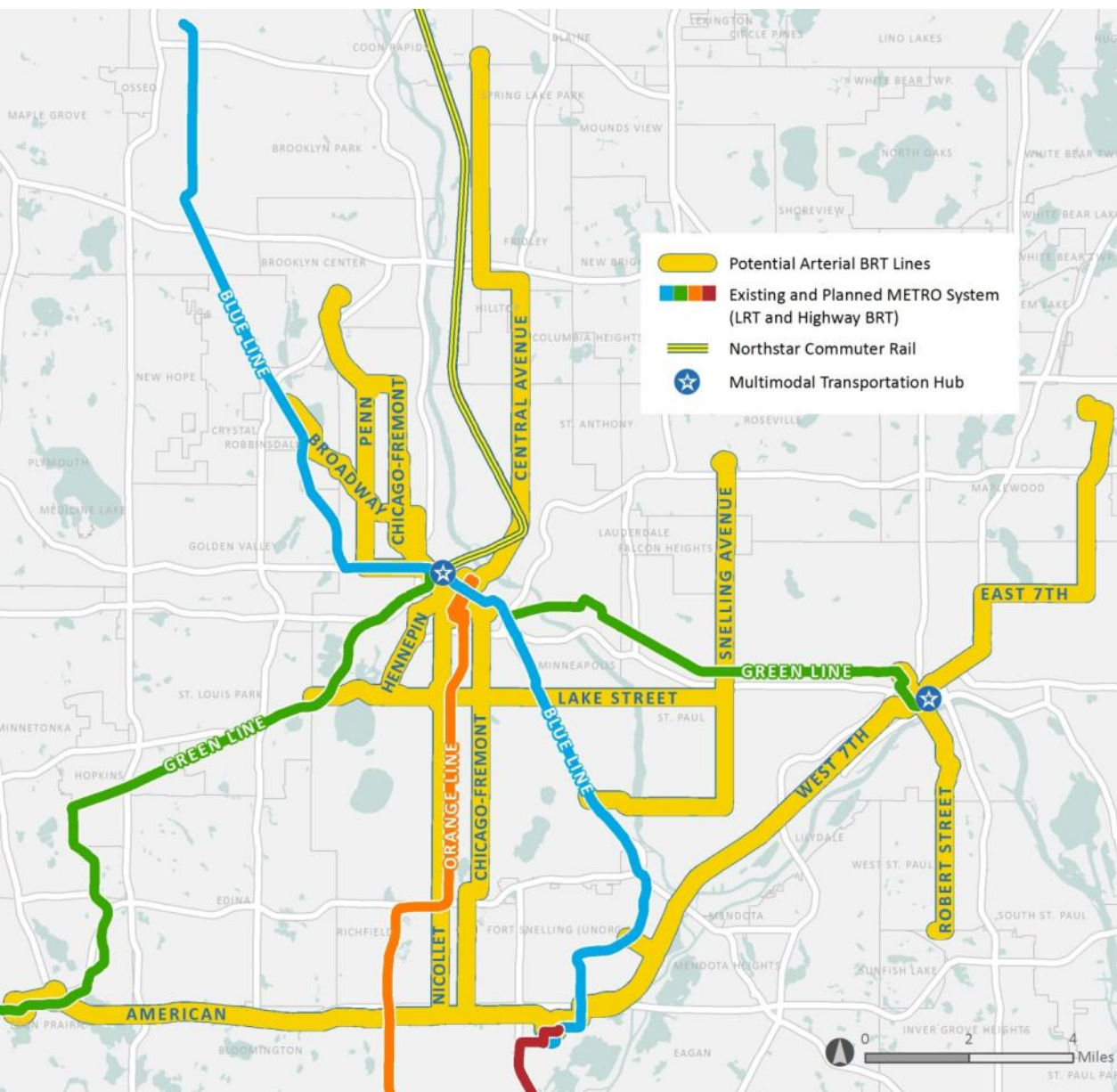
April 22, 2014

Roseville Public Works,  
Environment &  
Transportation  
Commission



- Arterial BRT Overview
- A Line Concept Plans
  - Rosedale Transit Center
  - Snelling & County Road B
  - Snelling & Roselawn
- Next Steps
- Questions and Comments

# 12 corridors studied for arterial BRT



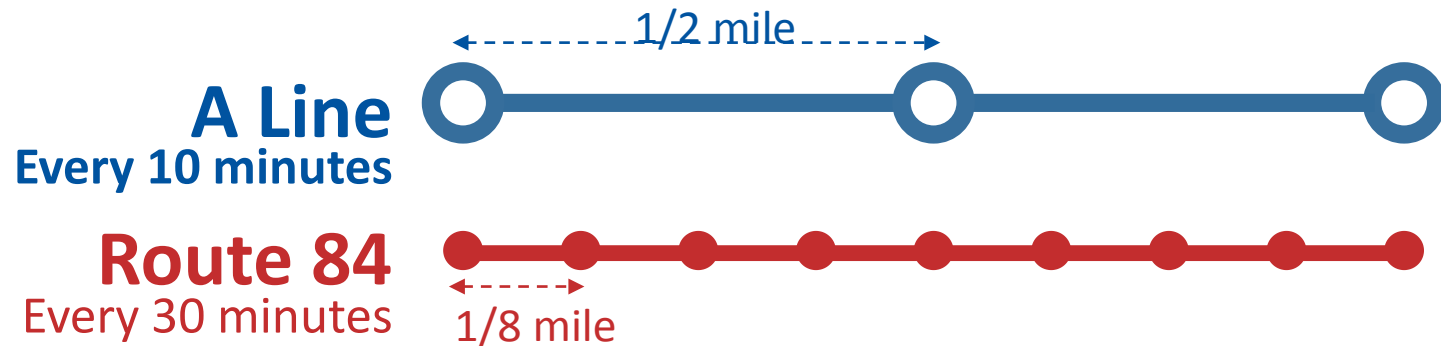
- Arterial Transitway Corridors Study completed April 2012
  - Developed Arterial BRT concept
  - Prioritized corridors for near-term implementation
    - *Snelling (2015)*
    - *West 7th (2016)*

- **Limited Stop Service with Better Frequency**

➤➤ *BRT would become the primary route in the corridor, with increased service on evenings & weekends.*

*Stations would be sited about every 1/2 mile, compared to local stops every 1/8 mile.*

*Local bus would continue to run serve local trips and off-corridor branches.*



# How will BRT be different?



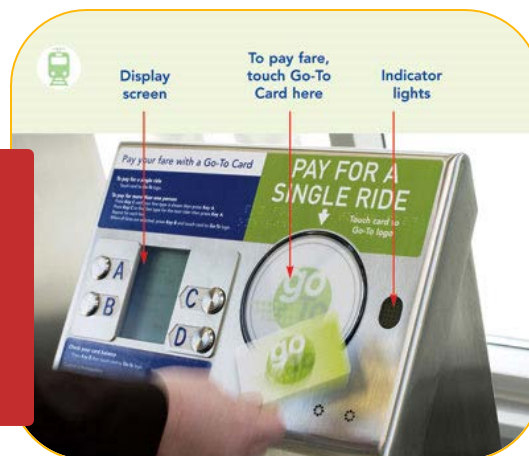
## • Pre-Boarding Fare Payment

➤➤ *For speedier boarding through all doors of the bus, BRT vehicles won't have on-board fareboxes. Customers will either purchase a ticket at the station or tap a Go-To card to pay fares.*

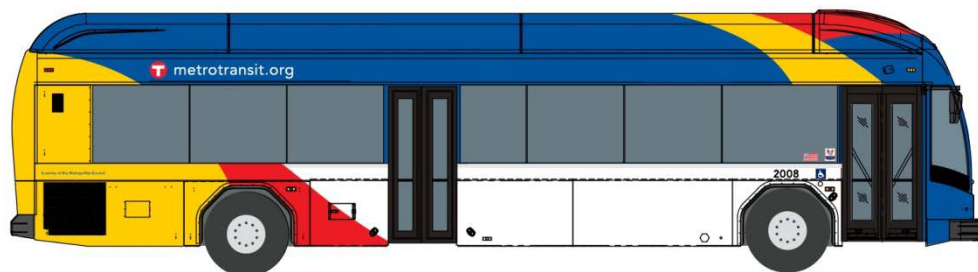
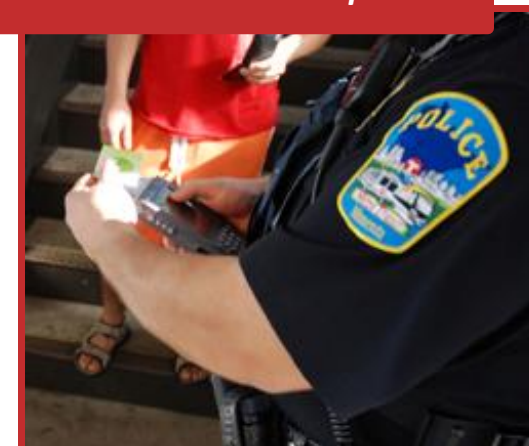
*Each station will have a ticket machine, where customers can buy tickets with cash or credit.*



*Customers with Go-To cards or passes can tap their card before boarding through any vehicle door.*



*Metro Transit police—not drivers—will ensure customers have paid.*





# How will BRT be different?



- **Neighborhood-Scale Stations with Amenities**



Shelters



Waste bins



Ticket machines



Bike parking



NexTrip



Lighting



Snow removal



Maps & info



Security cameras



Radiant heat



Emergency phone



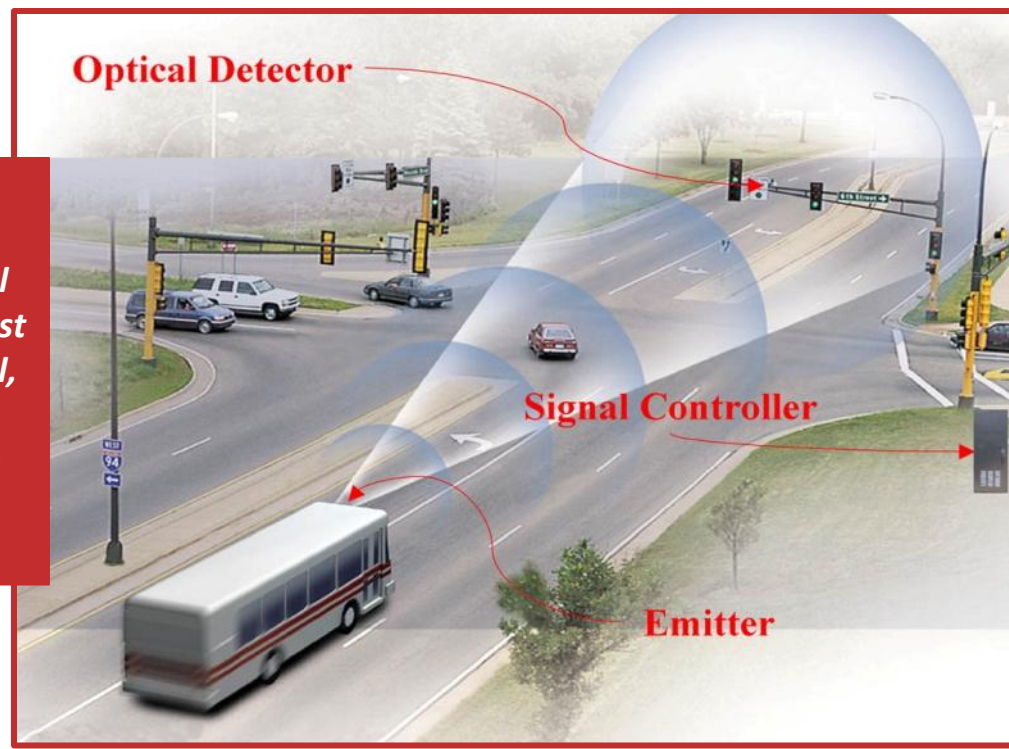
*Stations will be equipped with more amenities for a **safe and comfortable customer experience**, similar to light rail.*

## • Transit Signal Priority (TSP)

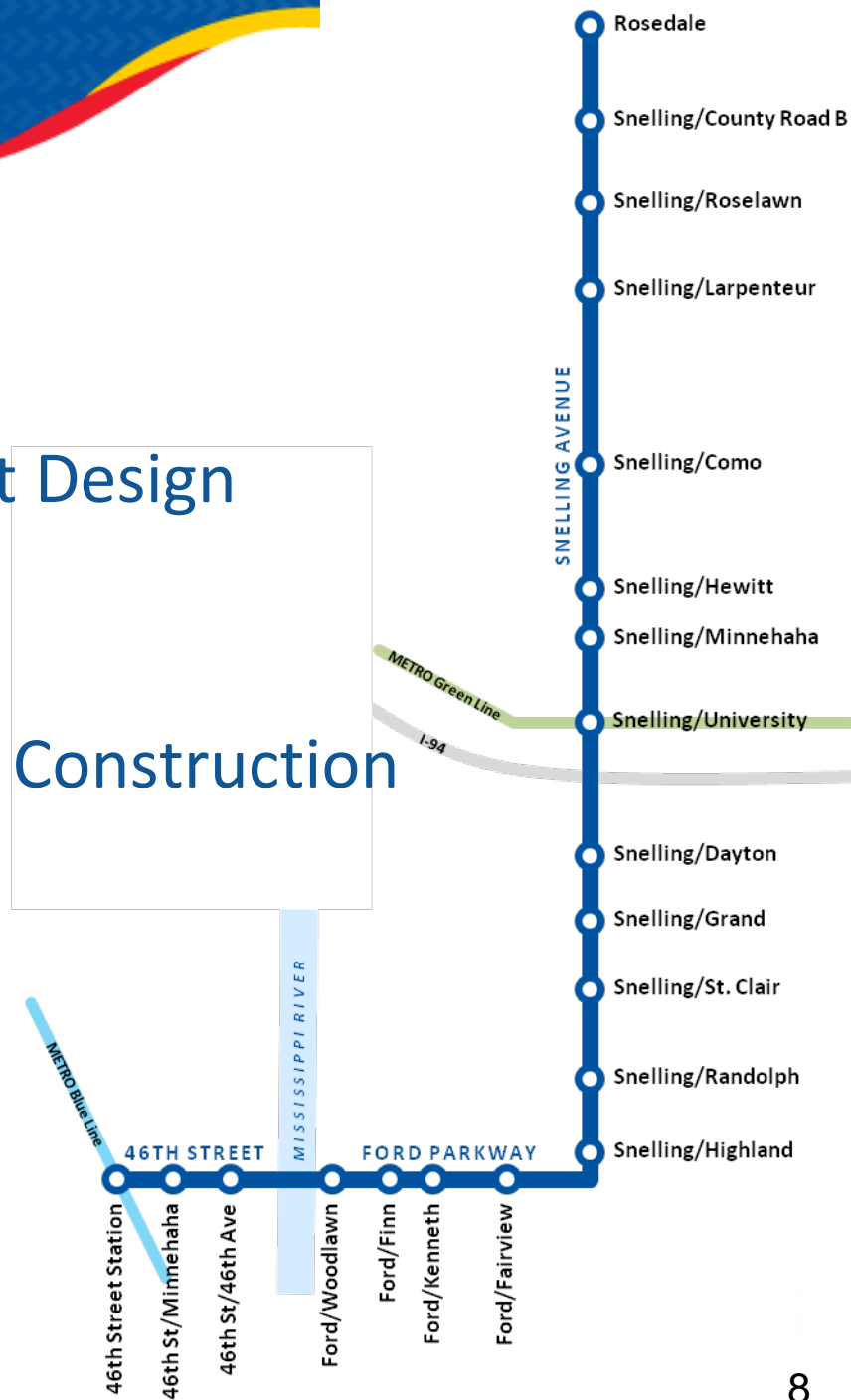
➤➤ *During rush hours today, local buses spend about 25% of their scheduled time stopped at red lights.*

*With transit signal priority buses can “ask” traffic signals for early or extended green lights to help buses keep moving.*

*As a BRT vehicle approaches an intersection, it will send a green request to the traffic signal, which chooses whether or not to lengthen a green light for BRT.*



- 2012-2013:  
Advanced Planning & Concept Design
- 2014:  
Preliminary & Final Design  
Off-Corridor BRT Pilot Station Construction
- 2015:  
Construction
- **Late 2015:**  
**Open for Revenue Service**

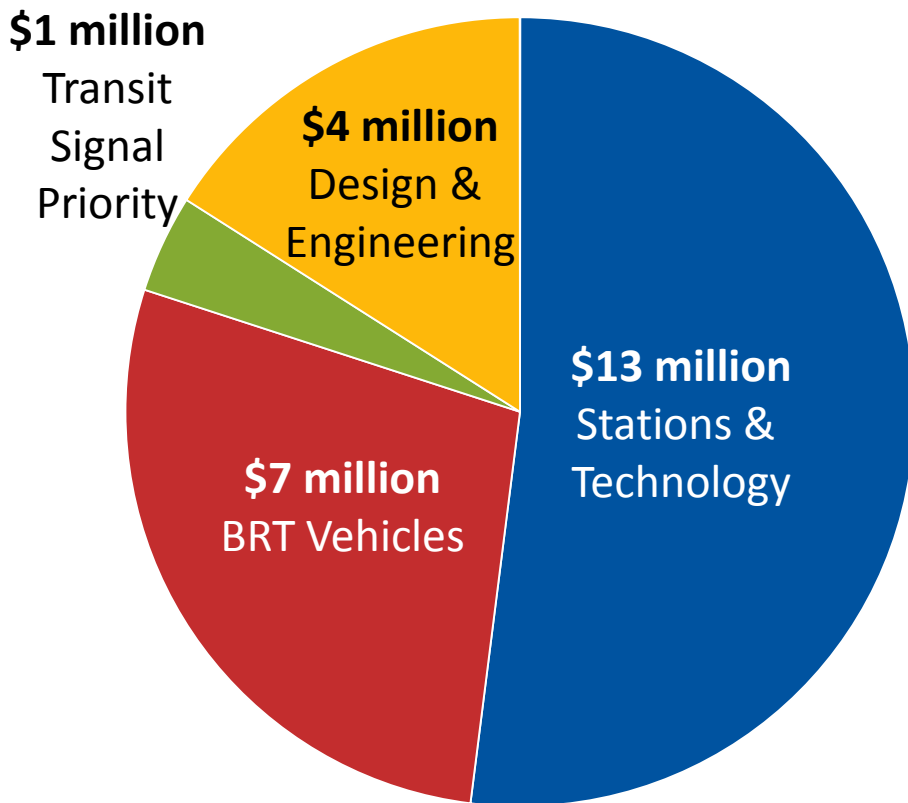




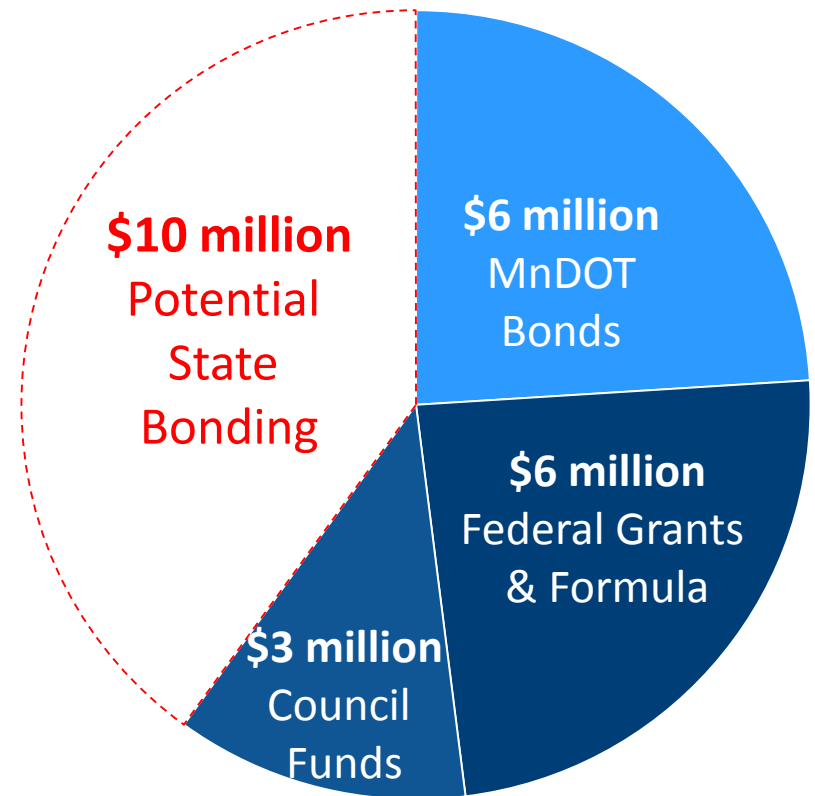
# A Line Project Costs & Identified Funding



## Project Costs: \$25 million



## Secured Funds: \$15 million



# A Line (Snelling Avenue) BRT Corridor Design & Prototype Station Design

## DRAFT 2014 MILESTONE SCHEDULE

	2014											
	J	F	M	A	M	J	J	A	S	O	N	D
Design Input	█	█	█	↑								
Inventory, Survey, Site Investigation		█	█	█	█							
<b>PILOT STATION (7th &amp; Olson, Minneapolis)</b>												
50% design			█	█								
90% design & final bid documents				█	█	█						
Bidding, award & construction						█	█	█	█	█		
<b>PROTOTYPICAL BRT SHELTER</b>												
Design input & concepts		█										
50% design & Bid documents			█	█	█							
Bidding & award to manufacturer						█	█	█	█	█		
Shelter fabrication & installation at pilot site											█	█
<b>A LINE</b>												
30-50% design			█	█	█	█	█					
90% design								█	█	█	█	
Final bid documents												█
Review & major public outreach period					◆						◆	

**Current Activities**

# Ongoing: Project Outreach



July 2013, January 2014: Open Houses



January: 25 Business Owner Meetings

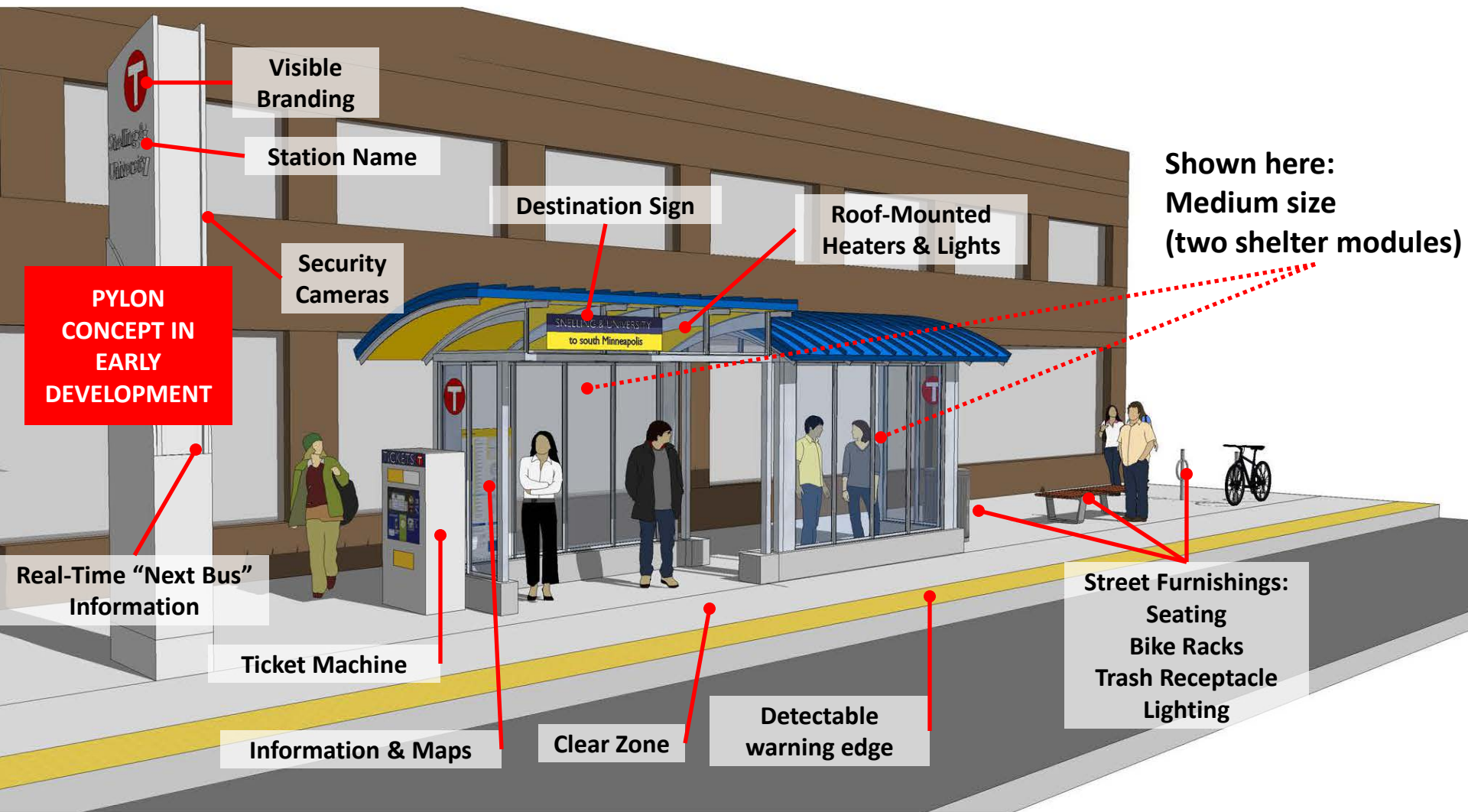


March: Staff Corridor Tour

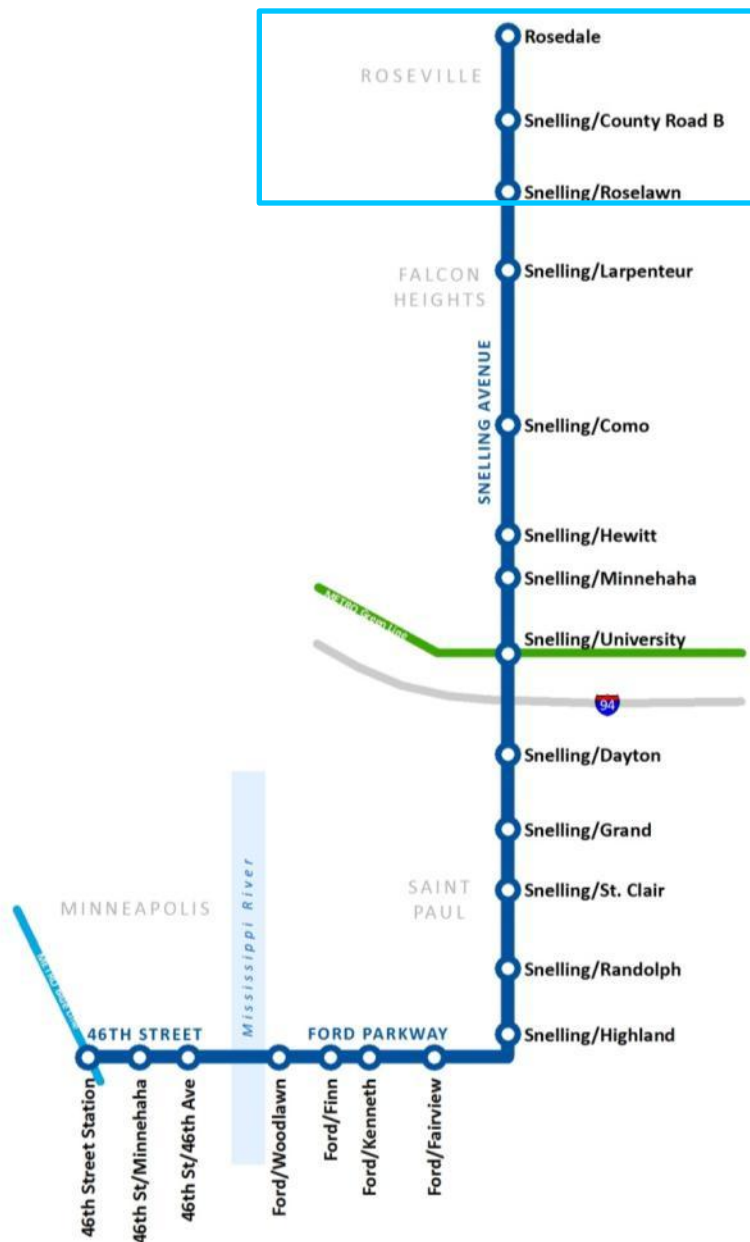
**NEXT STEP:  
PRELIMINARY  
DESIGN OUTREACH**

May 2014: Broad Outreach & Open Houses

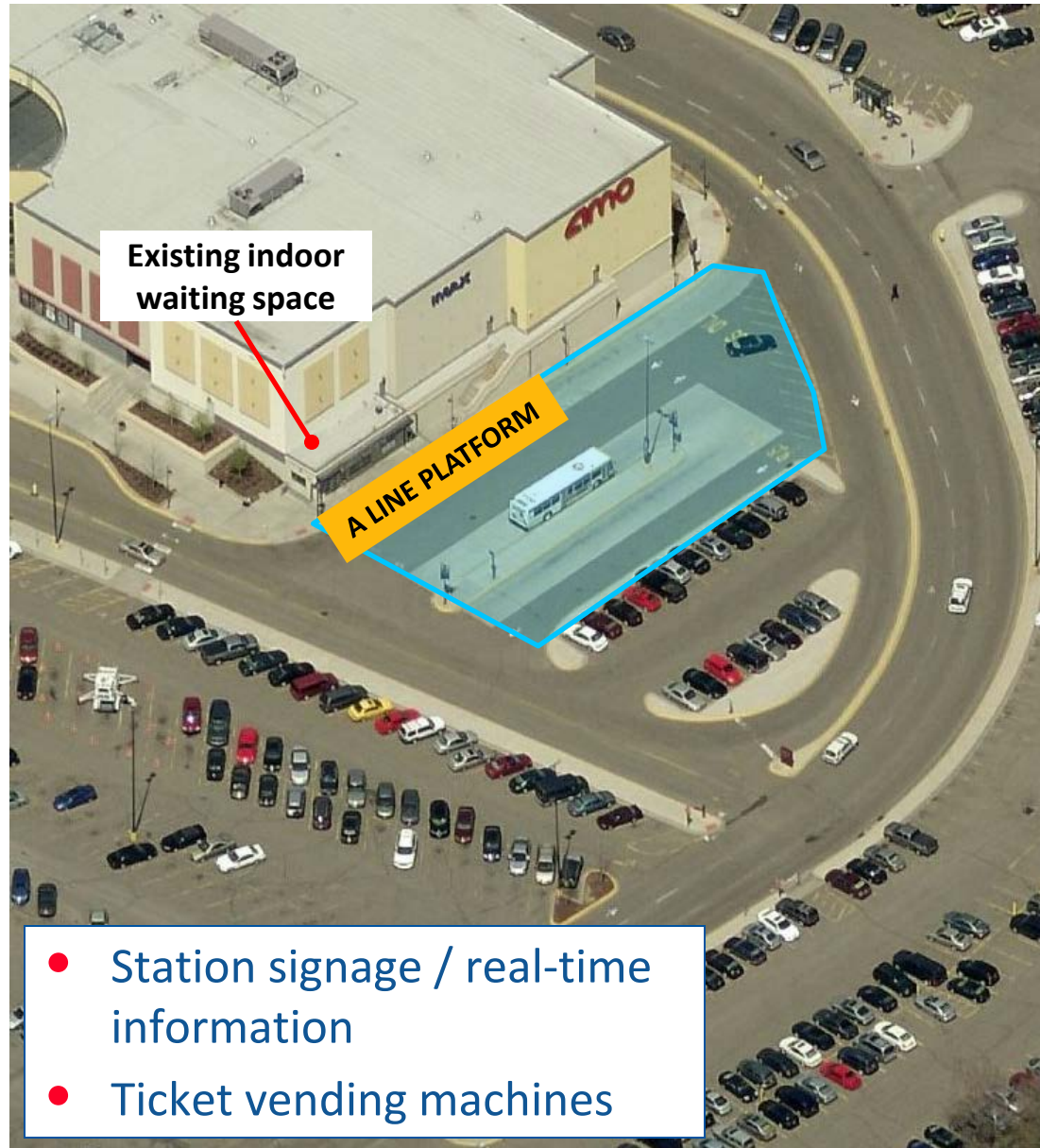
# Standard Station Concept







- Rosedale Transit Center
- Snelling & County Road B
- Snelling & Roselawn

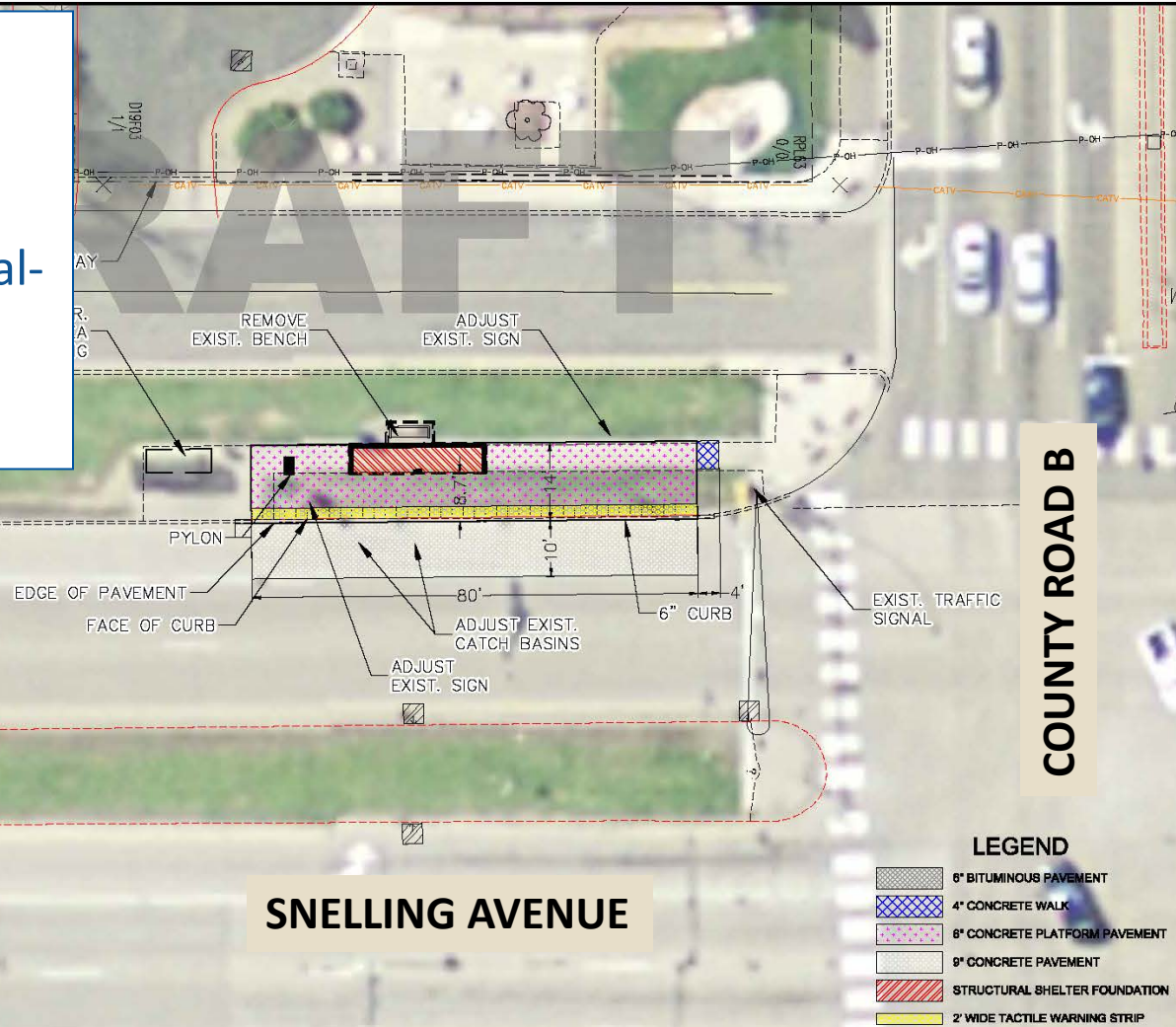


- Major employment / shopping connection
- Existing transit center anchoring 9 connecting bus routes
- A Line project would make minor modifications to transit center

# Snelling & County Road B (Southbound)



- Accessible 80' platform in existing bus stop location
- **Medium** shelter
- Station marker pylon / real-time information
- Ticket vending machines



COUNTY ROAD B

SNELLING AVENUE

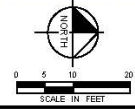
**LEGEND**

- 6" BITUMINOUS PAVEMENT
- 4" CONCRETE WALK
- 6" CONCRETE PLATFORM PAVEMENT
- 9" CONCRETE PAVEMENT
- STRUCTURAL SHELTER FOUNDATION
- 2" WIDE TACTILE WARNING STRIP



A LINE BRT  
 SNELLING AVE & COUNTY ROAD B - SOUTHBOUND STATION  
 CIVIL SITE PLAN

REV. NO. 1  
 DATE: 4/3/2014



20-SNELLING & COUNTY ROAD B-SB

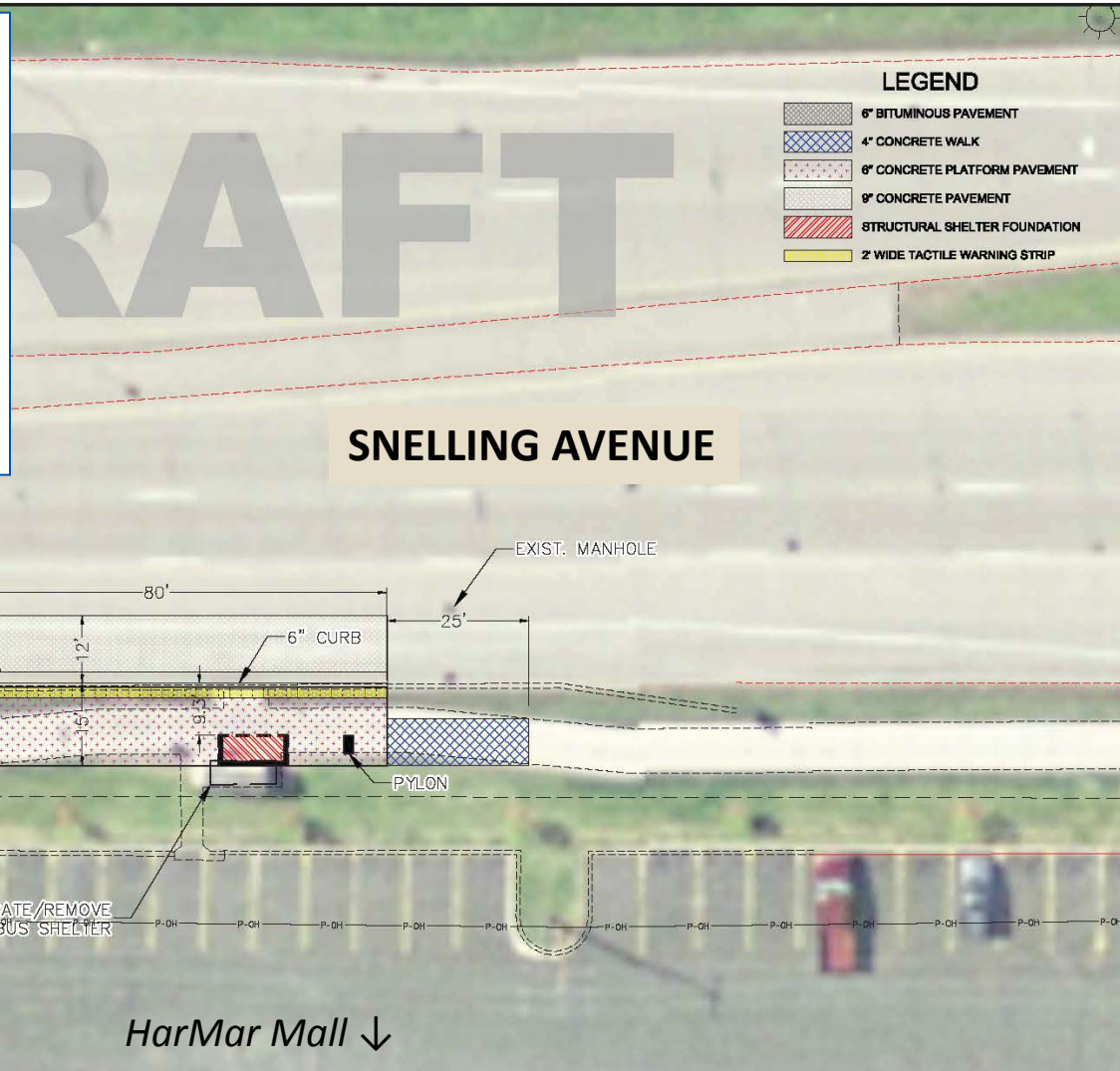
Apr. 04. 2014. 02:26 pm. K:\TWC\_Transit\MTA\_LINE\_BRT\CAD\20-COUNTY ROAD B\SNELLING\20-CITY\_RD\_B-EX-IB-DIV-20140303.dwg By: wfcadshmidt



# Snelling & County Road B (Northbound)

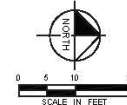


- Accessible 80' platform in existing bus stop location
- **Small** shelter
- Station marker pylon / real-time information
- Ticket vending machines



A LINE BRT  
SNELLING AVE & COUNTY ROAD B - NORTHBOUND STATION  
CIVIL SITE PLAN

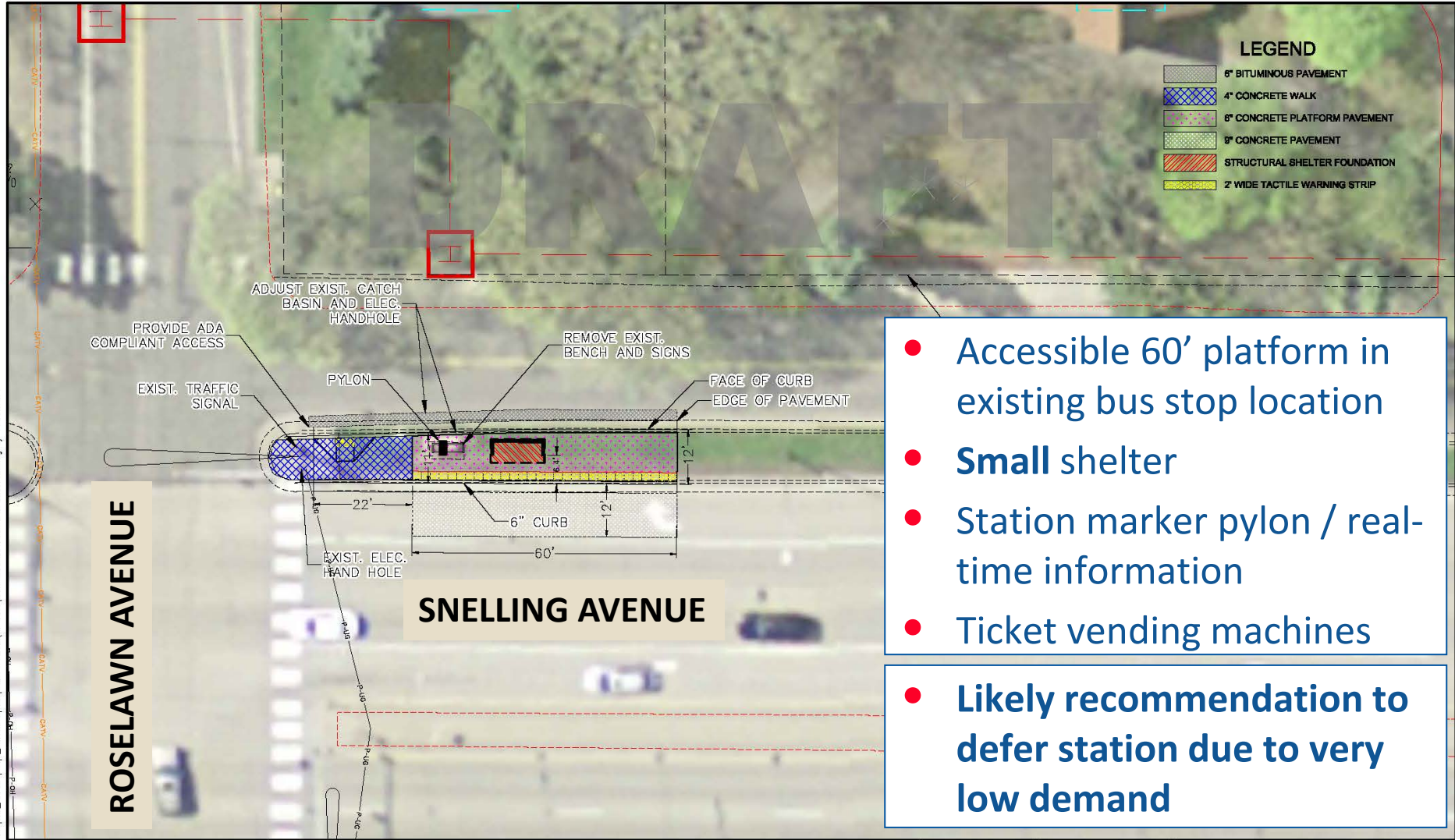
REV. NO. 1  
DATE: 4/3/2014



20-SNELLING & COUNTY ROAD B-NB



# Snelling & Roselawn (Southbound)



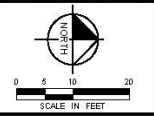
- Accessible 60' platform in existing bus stop location
- Small shelter
- Station marker pylon / real-time information
- Ticket vending machines

- Likely recommendation to defer station due to very low demand



A LINE BRT  
 SNELLING AVE & ROSELAWN AVE - SOUTHBOUND STATION  
 CIVIL SITE PLAN

REV. NO. 1  
 DATE: 4/3/2014

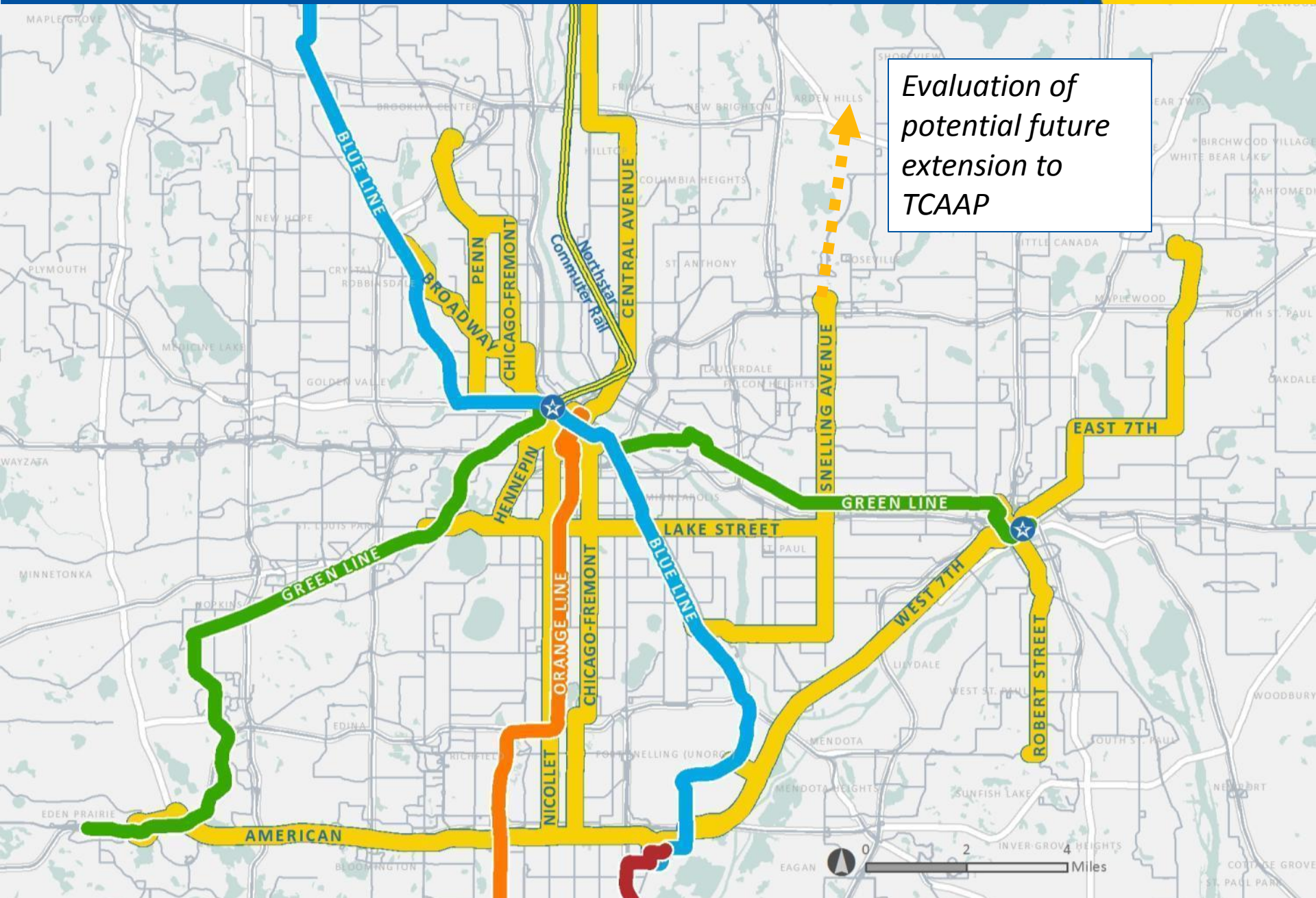


19-SNELLING & ROSELAWN-SB

- April-June 2014: Public outreach & compiling comments
- Summer 2014: Met Council action to define project scope
- October 2014: Final design
- March 2015: Construction contract award
- Spring-Fall 2015: Construction
- 4th Quarter 2015: Open for service



# Future Lines



*Evaluation of potential future extension to TCAAP*





**More information:**  
*[metrotransit.org/snelling-brt](http://metrotransit.org/snelling-brt)*  
*[metrotransit.org/arterial-study](http://metrotransit.org/arterial-study)*

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**Arterial BRT Project Manager**  
**612-349-7772**  
**[katie.roth@metrotransit.org](mailto:katie.roth@metrotransit.org)**

