



West Broadway Transit Study

Technical Advisory Committee

May 5, 2015



Agenda

- Introductions
- Overview of Transit Modes
- Alignment Options and Screening of Alternatives
- Community Engagement Overview
- Discussion

OVERVIEW OF TRANSIT MODES

Information Item

What modes will be studied?

Arterial Bus Rapid Transit (BRT)



Modern Streetcar



What modes will be studied?

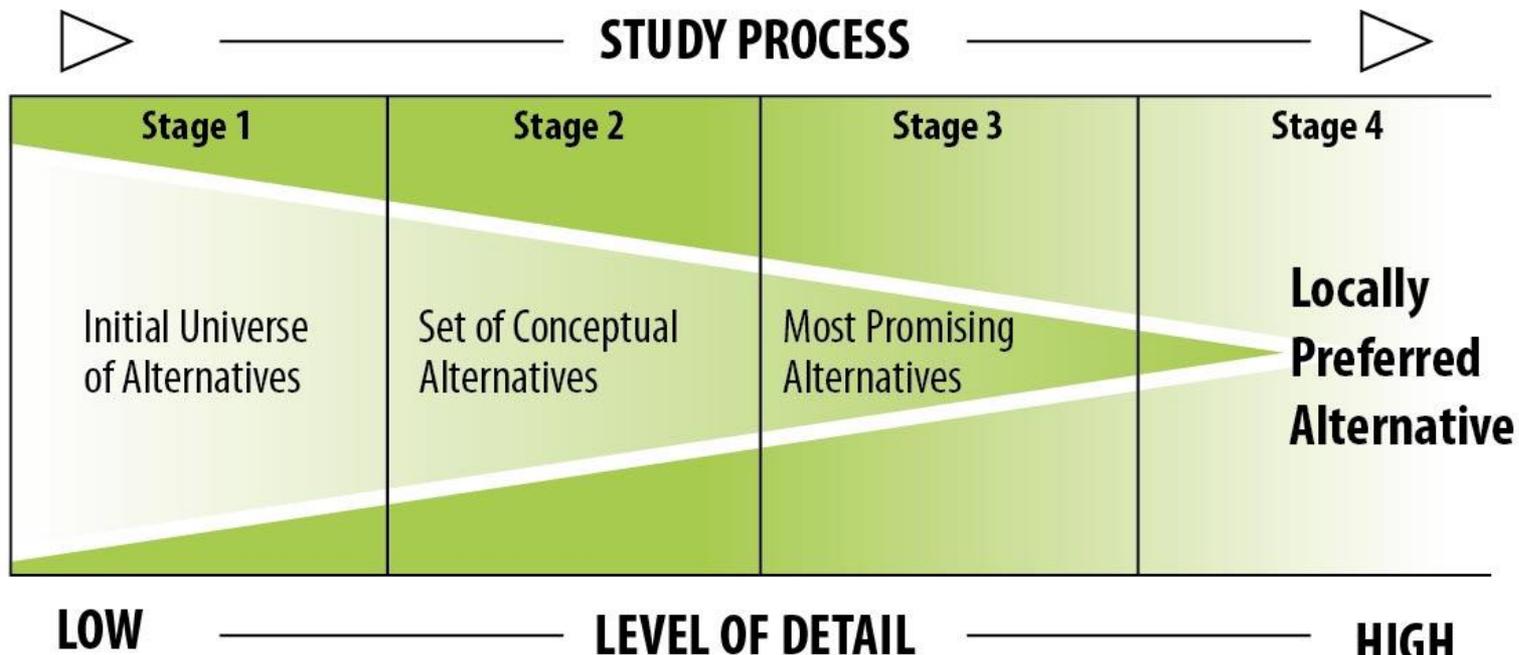
	Streetcar	Enhanced Bus
		
Runningway	Typically operates in mixed-traffic lanes, but can also be in right-of-way exclusively for streetcar vehicles	Enhanced bus vehicles operate in mixed traffic
Station Spacing	Station located every 1/4 to 1/4 mile	Stations can be located every 1/4 to 1/2 mile
Station Amenities	Stations can range from basic stops with minimal passenger amenities to LRT-like stations	Stations can range from basic stops with minimal passenger amenities to LRT like stations
Vehicle Type	Electrically powered vehicles with overhead wires. Some vehicles are testing on-board batteries for short distances	Diesel or diesel-electric hybrid vehicles. Some vehicles testing battery electric-only operation.
Passenger Capacity	Between 115 and 160 passengers per vehicle. Unlike LRT, vehicles operate as single units.	Between 60 and 105 passengers per vehicle.
Cost per Mile	\$30-60 million per mile	\$2-6 million per mile
Example Operating Locations	Portland, Seattle, Toronto	Kansas City, Oakland, Seattle

ALIGNMENT OPTIONS AND SCREENING OF ALTERNATIVES

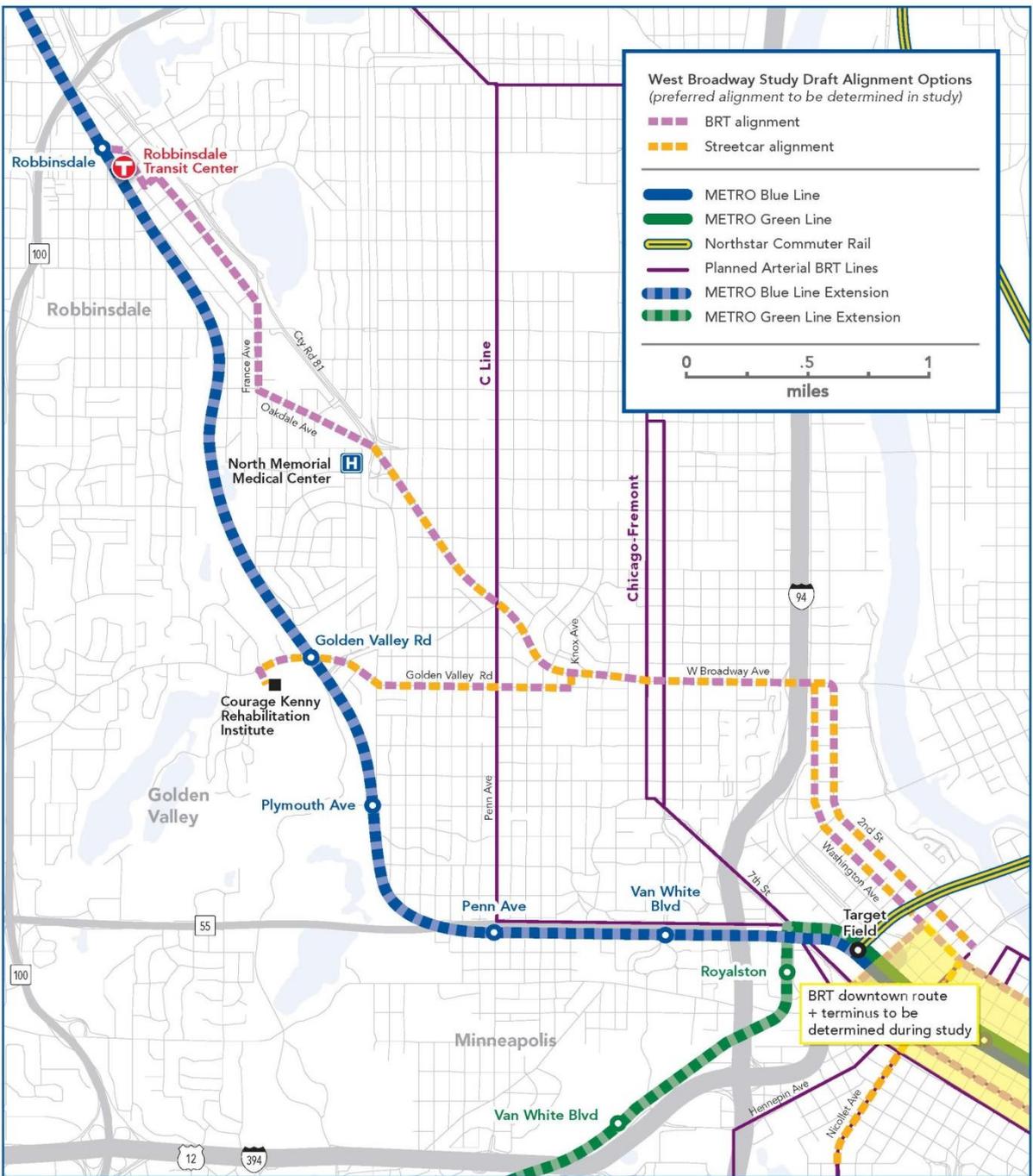
Action Item

What is the purpose of screening the alternatives?

- To identify the alternatives that **best** meet the goals and objectives of the study



What alignments were considered?



What alternatives were considered?

Arterial BRT

- Robbinsdale to downtown/U of M West Bank
- Courage Kenny to downtown/U of M West Bank

Streetcar to Nicollet Mall

- North Memorial
- West Broadway to Penn
- Courage Kenny via Golden Valley Road
- Courage Kenny via McNair

What are the screening criteria?

Criteria	Requirements
1. Economic Development Opportunities	<ul style="list-style-type: none"> • Has potential to improve employee access to jobs within and outside the corridor and has potential for transit-oriented development
2. Connections to the Regional Transit Network	<ul style="list-style-type: none"> • Is compatible with existing and planned transportation modes and infrastructure • Provides connections to the regional transit network
3. Potential Right-of-Way Impacts	<ul style="list-style-type: none"> • Requires minimal right-of-way
4. Capital Cost	<ul style="list-style-type: none"> • Costs below \$250 Million in order to qualify for Small Starts funding
5. North Minneapolis Coverage	<ul style="list-style-type: none"> • Serves West Broadway between the Mississippi River and 26th Avenue– the heart of the commercial corridor in North Minneapolis
6. Expandability	<ul style="list-style-type: none"> • Has potential for expanding in the future if warranted

COMMUNITY ENGAGEMENT UPDATE

Information Item

Upcoming Open House

- May 21, 2015 (5:00-7:00) at YMCA in conjunction with Family Night
- Open house will occur on Metro Transit bus

Summer Outreach

- Bus stop outreach
- West Broadway Farmer's Market
- Junteenth
- Whiz Bang Days
- Cari Fest and Flow
- National Night Out



DISCUSSION