

Blue Line Extension Community Open Houses

November 2016













Today's Topics

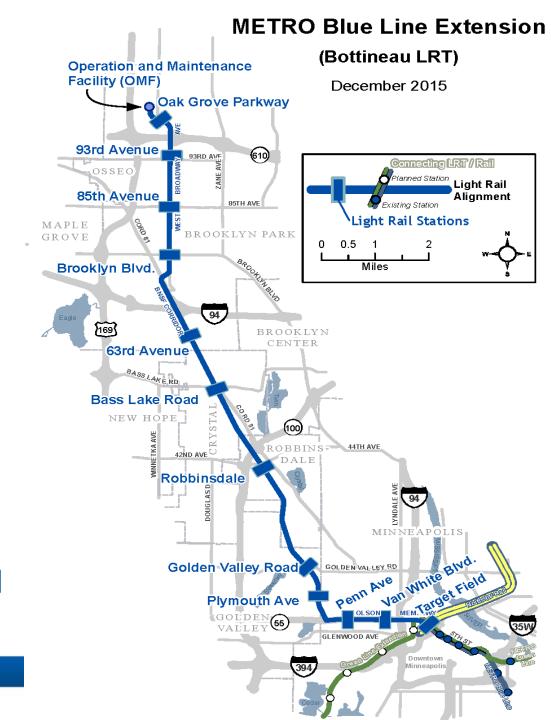
- Welcome
- Project Overview
- Station Design
- Stay Involved





Project Description

- 11 new LRT stations
- 13 miles of double track
- 27,000 est. rides by 2040
- Serving Brooklyn Park, Crystal, Robbinsdale, Golden Valley & Minneapolis
- Provides one seat Blue Line ride to MSP Airport and Mall of America
- Connections to METRO
 Green Line, Northstar and bus services



Project Timeline

2014-2016

Project Development

2016

Environmental/Municipal Consent

2017

Engineering

2018

Full Funding Grant Agreement

2018-2020

Heavy Construction

2021

Passenger Operations



Station Design Public Engagement

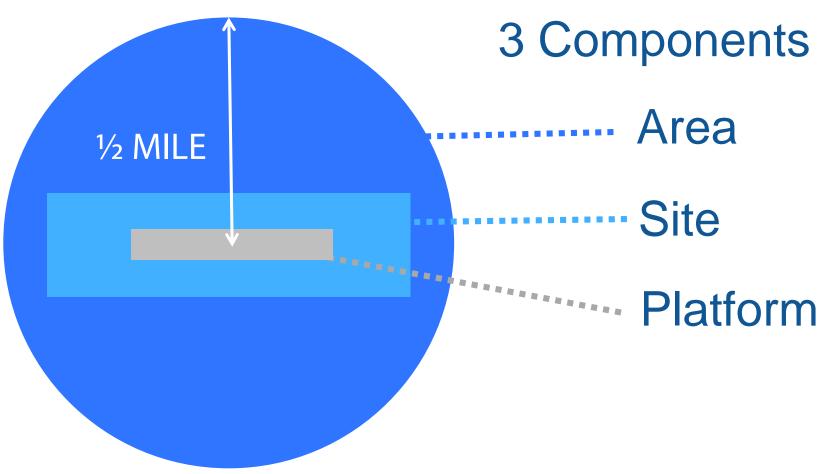
- Purpose:
 - Educate community about station design evolution
 - Receive feedback/ideas about station design concepts:
 - o Did we miss anything?
 - o Are we on the right track?
 - What did you like/didn't like?







Stations





2014/2015: Station Area Planning

Figure 3.1: Penn Avenue Station Area

This map shows the half mile buffer and 10 minute walking extent for the station area.



Planned LRT Station



Bottineau LRT Alignment



LRT Station Half Mile Buffer Adjacent Station 10-minute Walking Extent



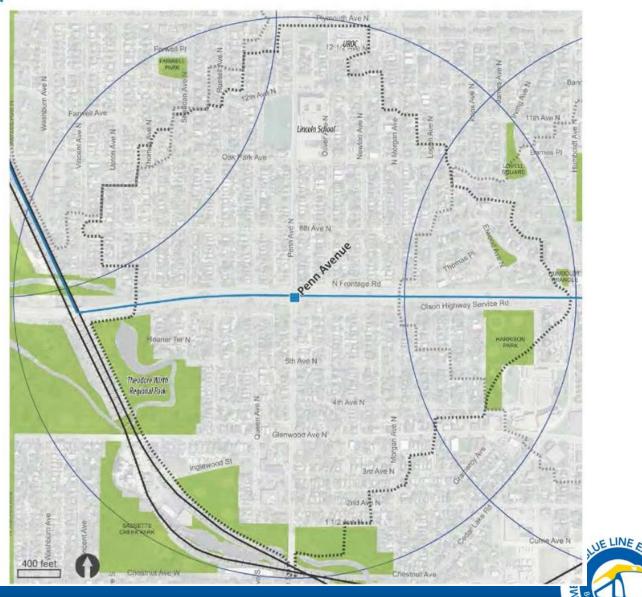
Penn Station 10-minute Walking Extent



Image provided by Hennepin County







Station Site





Station Site Elements

- Station
- Pedestrian access
- Bike facilities
- Wayfinding
- Landscape
- Stormwater
- Bus facilities
- Passenger drop-off
- Park-and-ride

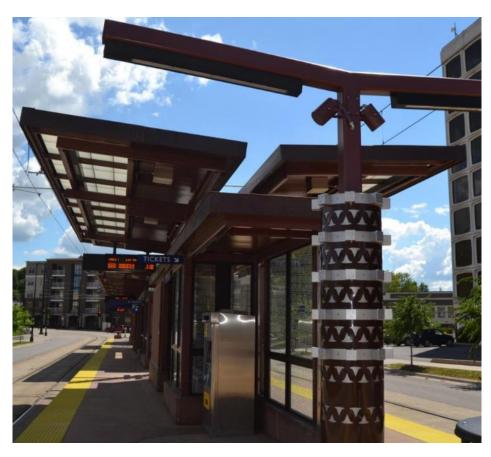


LRT Station Overview



LRT Stations

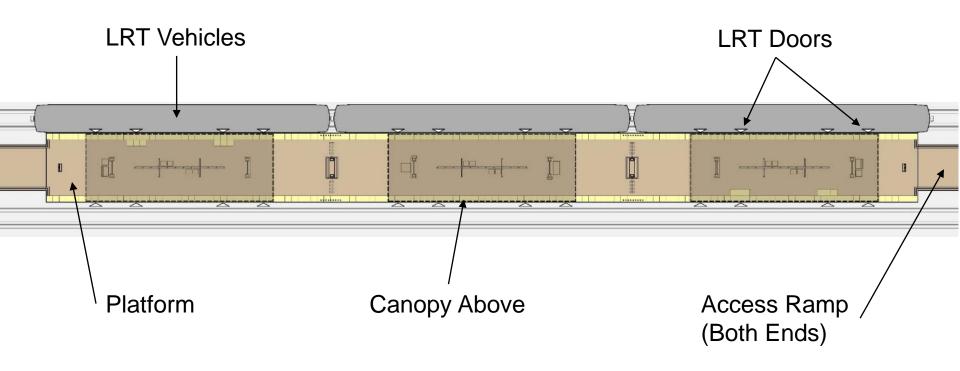
- LRT stations provide access to the light rail system
- LRT stations provide form in terms of shelters, and function in terms of ticket vending machines, heaters, train information
- LRT stations and access are owned/maintained by Metro Transit



Green Line: Prospect Park Station



Platform Design







Real Time Departure Information

Updated real time departure information for next two trains

Security Cameras

Monitored 24/7 for enhanced station safety

Destination Information

Emergency Phone

Direct contact to Rail Control Center

Platform Tactile Edge

ADA Compliant, Creates a necessary buffer for riders between edge or platform and rail

Station Name

Platform Shelter
Protect from weather elements

Benches Provide relief for passengers





Shelter Roof

Protects passengers from the weather elements, enhances station design



Railings

ADA Compliant, enhances station design, provides relief, and helps to channelize passengers

Rider Alert Sign Information regarding train shut down, platform information,

Prohibited Behavior Sign Information about rules on the platform and while riding the train

Center Platform Station Access

One platform for the station, access to both east and westbound trains, platform access from both ends





Information Kiosk Route map, station information and schedule

Waste Receptacle Maintenance and Facilities collects the waste from station platform

Card Validators GoTo Fare Cards and UPass for automated fare validator



Lighting Access and platform lighting

Speakers

Announcements from Rail Operations, next train departure information, train arrival to platform information, safety messaging

Heaters

Push for heat button, provide additional comfort for passengers in the cold weather

Ticket Vending Machine

Accepts cash and credit/debit cards, pay individual fare or multiple, re-load GoTo Pass





Station Design



Station Design Framework

- Respond to lessons learned
- Provide safe and accessible facilities
- Enhance customer experience
- Develop design consistency
 - Customer wayfinding
 - Constructability / cost
 - Maintenance
- Respond to character & context of each site
- Incorporate Section 106 / Secretary of Interior standards



Sect. 106: Historic Properties Interpretation

- Requires Federal agencies to take into account the effects of their "undertakings" on historic properties
- Osseo Branch Line/Great Northern Railway Historic District (BNSF corridor) and the Grand Rounds Historic District (Theodore Wirth Segment) contain stations will include interpretive elements:
 - 63rd Ave (Osseo Branch)
 - Bass Lake Rd (Osseo Branch)
 - Robbinsdale (Osseo Branch)
 - Golden Valley Rd (Osseo Branch & Grand Rounds)
 - Plymouth Ave (Osseo Branch & Grand Rounds)

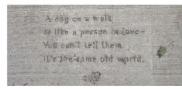


What are Interpretive Elements?

Interpretation is a communication process for the public to discover the meaning and significance associated with historic resources; it tells a story



Creative Signage



Stamped Concrete



Graphic Panel





Multiple Languages



Etched Benches



Site-Specific Installation



Braille



Self Reflections/Photo-Ops



Tactiles

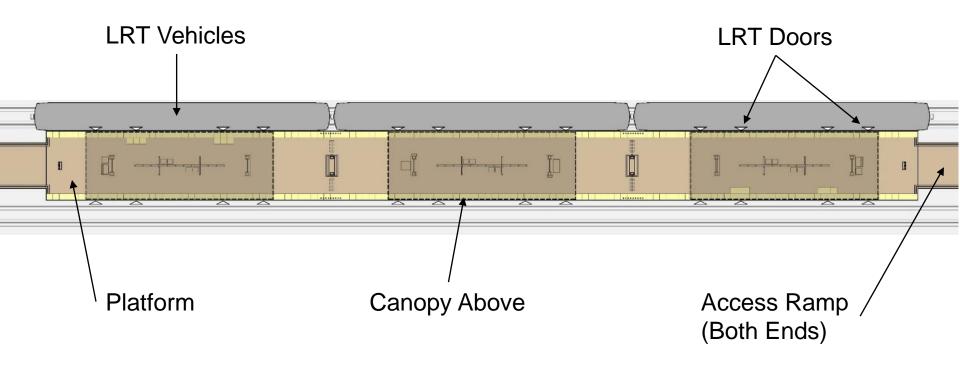




Interactive Graphics

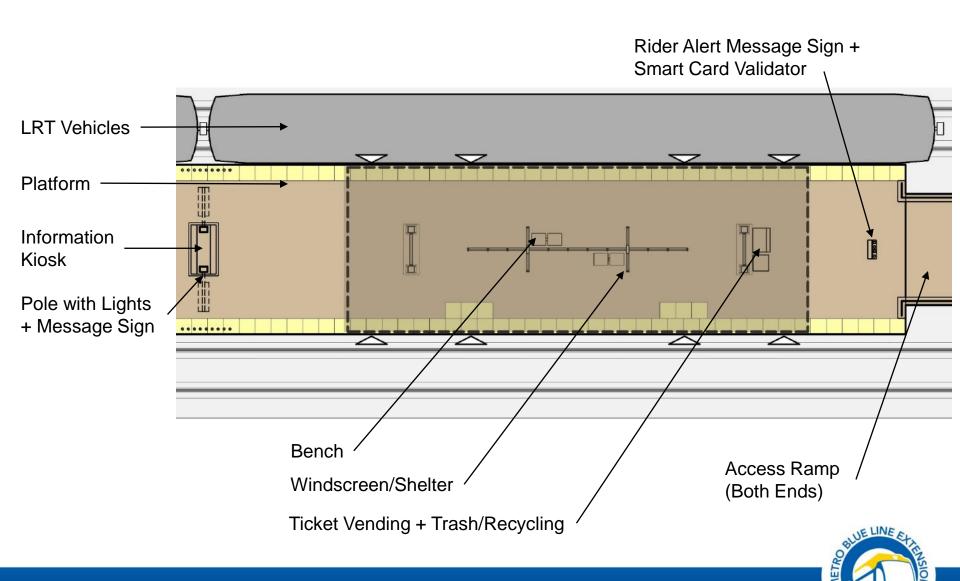


Station Platform Design





Station Platform Design

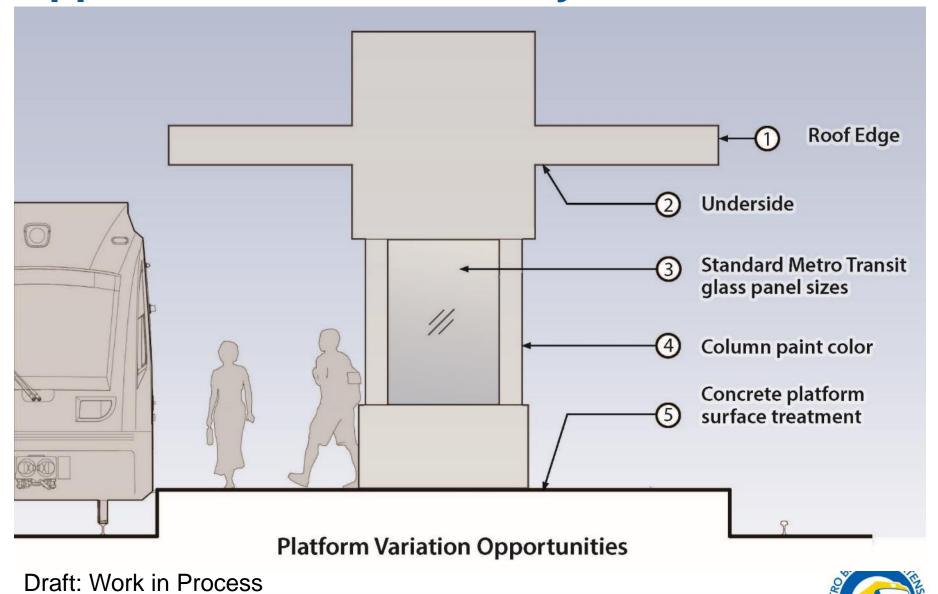


Station Design Framework

- BPO areas of variability to create identity for each station through use of color, materials, massing
- Metro Transit encourages partnerships with stakeholders & community members to facilitate addition of artwork along BLRT corridor



Opportunities for Variability



How Context and Character Informs Design: Example



Stadium Village Station

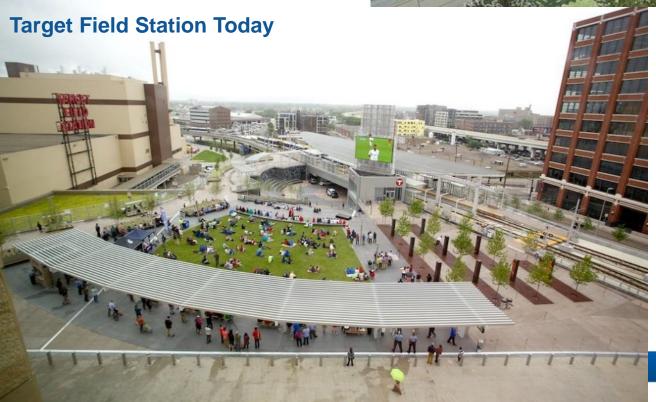






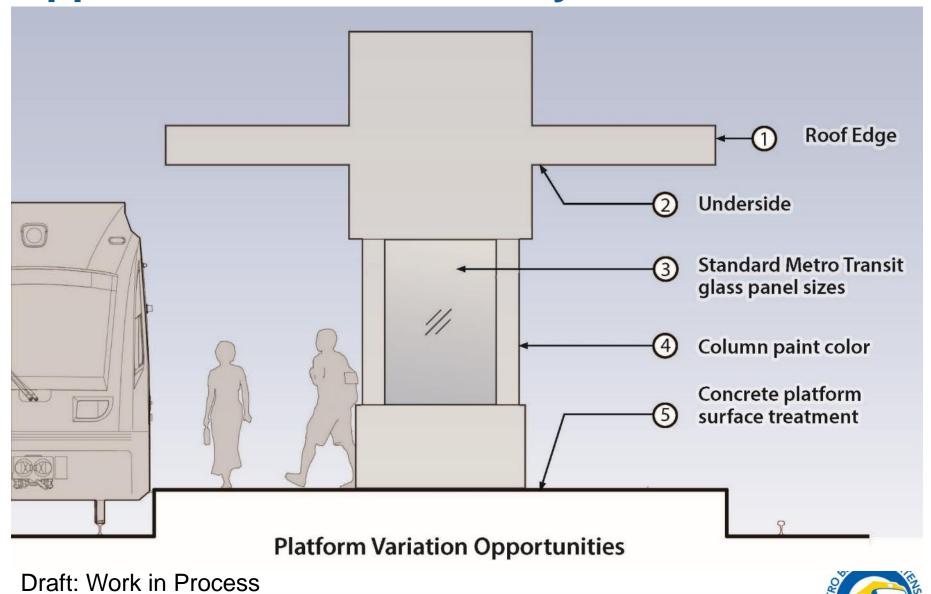
Target Field Station







Opportunities for Variability



29

Brainstorming Questions:

- Think about the station site now......
 - How do you feel about it now?
 - How do you want to feel about it in the future?
 - Tell us what you think are key features?
 - What elements would you like to see strengthened?
 - What elements would you like to see minimized/no longer exist?



Van White Boulevard Station



Aerial View of Van White Blvd Station Site



DRAFT-WORK IN PROCESS









M HISTORIC LIBRARY

COMMERCIAL GROCERY STORE

TRAFFIC
SE GREEN

DIVERSITY

ALIVE

VISIBLE

HISTORIC AREA

SIMILAR TO PENN DESTINATION

DENSITY

BOLD AND BRIGHT

EXPANSIVE

OPEN AND VISIBLE

COMMUNITY

CONNECTION TO DOWNTOWN

DESTINATION

CONTEXT & CHARACTER WORKSHOPS

HISTORIC LIBRARY

COMMERCIAL GROCERY STORE

TRAFFIC GREEN

DIVERSITY

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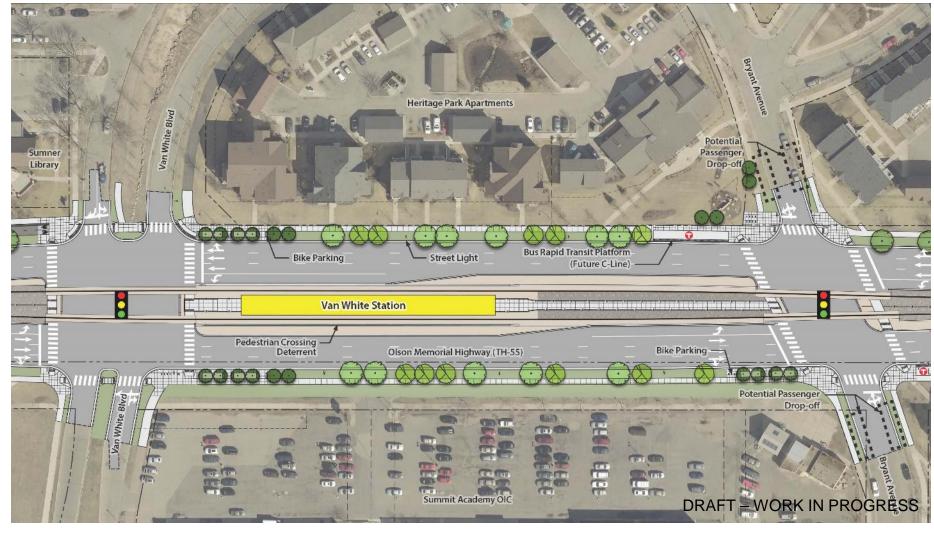
STATION DESIGN CONCEPTS

Van White Blvd Station Context & Character Words





Station Plan Concept







View from Olson Memorial Highway looking Northeast



View from platform entry looking West



Penn Avenue Station



Aerial View of Penn Ave Station Site



DRAFT-WORK IN PROCESS









MAJOR TRANSIT CORRIDOR

COMMUNITY ART

URBAN BEAUTY NO PARKING

VEHICLES

NEIGHBORHOODS

CONNECTIONS TO MAJOR STREETS

URBAN

DEVELOPMENT

RESIDENTIAL BLOCKS

NEIGHBORHOOD STATION"

CONTEXT & CHARACTER WORKSHOPS

MAJOR TRANSIT CORRIDOR

COMMUNITY ART

URBAN BEAUT NO PARKING

VEHICLES

NEIGHBORHOODS

CONNECTIONS TO MAJOR STREETS

URBAN

DEVELOPMENT

RESIDENTIAL BLOCKS

CONNECTIVII

EIGHBORHOOD STATION"

STATION DESIGN CONCEPTS

Penn Avenue Station Context & Character Words



Station Plan Concept







View from Olson Memorial Highway looking West



View from platform entry looking East



Plymouth Avenue Station



Aerial View of Plymouth Ave Station



DRAFT-WORK IN PROCESS









PARK TO NEIGHBORHOODS

OPEN VISTAS SUN

FORMS

LINEAR

BARRIERS

GATEWA CONFLUENCE ACCESS CREATION

EDGE OF CITY MEETS NATURE

"THE PARK'S STATION"

DIFFERENCE BETWEEN NIGHT AND DAY

"SHOULD I BE HERE?"

INFORMAL USES

FREIGHT CORRIDOR

HISTORIC BUILDINGS

TRANSITION HISTO

ISTORY AND FUNCTION

REGIONAL DESTINATION

CONTEXT & CHARACTER WORKSHOPS

PARK TO NEIGHBORHOODS

NATURAL

FORMS

LINEAR

BARRIERS

SONFLUENCE

EDGE OF CITY MEETS NATURE

"THE PARK'S STATION"

DIFFERENCE BETWEEN NIGHT AND DAY

"SHOULD I BE HERE?"

INFORMAL USES

FREIGHT CORRIDOR

HISTORIC BUILDINGS

TRANSITION

HISTORIC

HISTORY AND FUNCTION

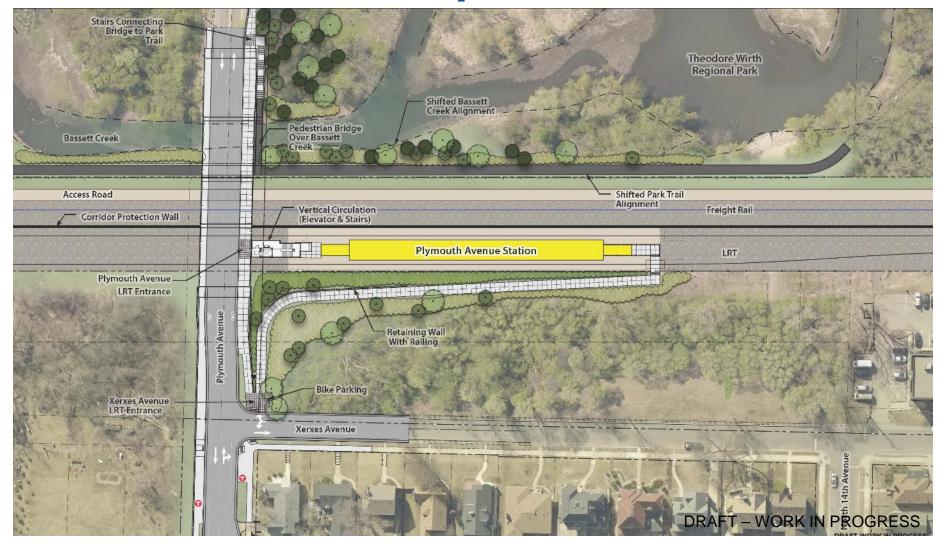
REGIONAL DESTINATION

STATION DESIGN CONCEPTS

Plymouth Avenue Station Context & Character Words



Station Plan Concept







View on Plymouth Ave bridge looking North at LRT station entrance – stairs and elevator



View looking South from walkway access





View looking East from trail access



Golden Valley Road Station



Aerial View of Golden Valley Rd Station Site













N VALLEY CONVENIENCE STATION STATION

LOCALIZED

TRAILHEAD

RAILROADS

BACKDOOR TO PARK

CONNECTIONS

WOODED ENVIRONMENT

CONTEXT & CHARACTER WORKSHOPS

ACCESS TO GRAND ROUNDS

HISTORY

U VISIBILITY

NATURE ALLEY ONVENIENCE

PARKING

CROSSROADS

RAILROADS

LOCALIZED

P TRAILHEAD

BACKDOOR TO PARK

CONNECTIONS

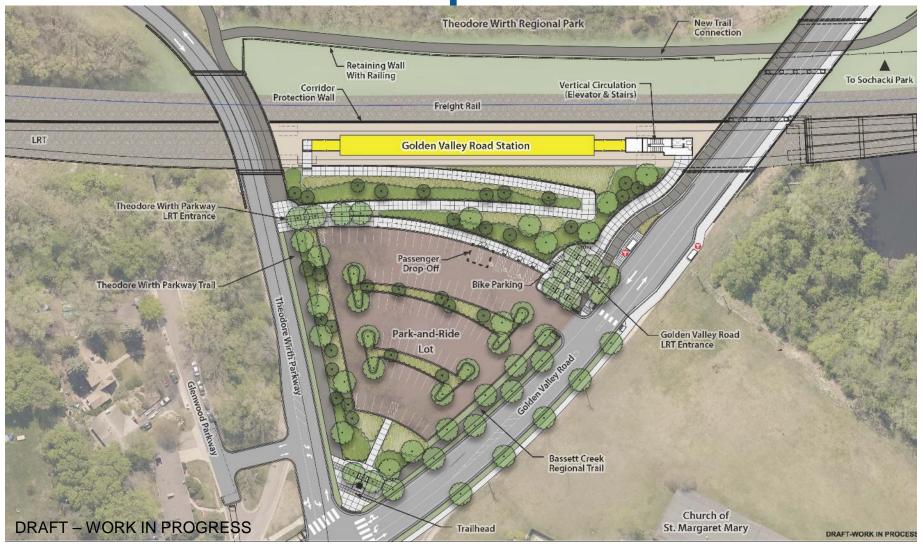
WOODED ENVIRONMENT

STATION DESIGN CONCEPTS

Golden Valley Rd Station Context & Character Words



Station Plan Concept







View looking West at LRT station entrance – stairs and elevator



View looking West from walkway





View of LRT station looking North



Robbinsdale Station



Aerial View of Robbinsdale Station Site











HUBBARD MARKET LIBRARY

ICONIC AND IDENTIFIABLE

PEDESTRIAN ENVIRONMENT WHIZ-BANG RAILROAD RESTAURANTS

GATHERING PLACE

NORTH MEMORIAL

CONTEXT & CHARACTER WORKSHOPS

HUBBARD MARKET LIBRARY

ICONIC AND IDENTIFIABLE

PEDESTRIAN ENVIRONMENT WHIZ-BANG RAILROAD

RESTAURANTS

GATHERING PLACE

WATER TOWER

MAIN STREET

BIRDTOWN

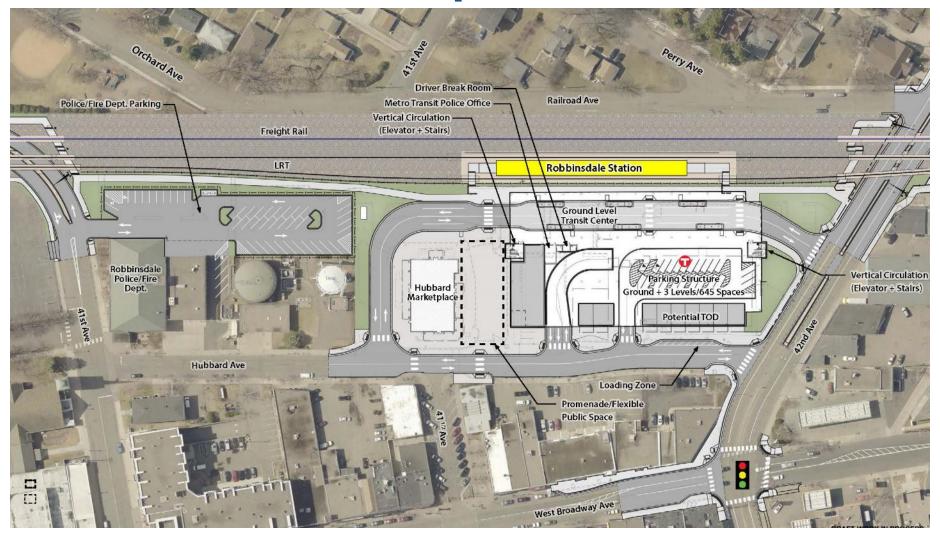
NORTH MEMORIAL

STATION DESIGN CONCEPTS

Robbinsdale Station Context & Character Words



Station Plan Concept







View from Railroad Ave looking West





View from Hubbard Ave looking West





View of transit center and station looking North

Bass Lake Road Station



Aerial View of Bass Lake Rd Station Site



DRAFT-WORK IN PROCESS









ONCERNS PARK AND RIDE CONNECTION MIXTURE OF USES **ELL TOWER BECOME WELCOMING PIECEMEAL** TRANSITION

OF USES MIXTURE 4 m DOWNTOWN STATION DESIGN CONCEPTS

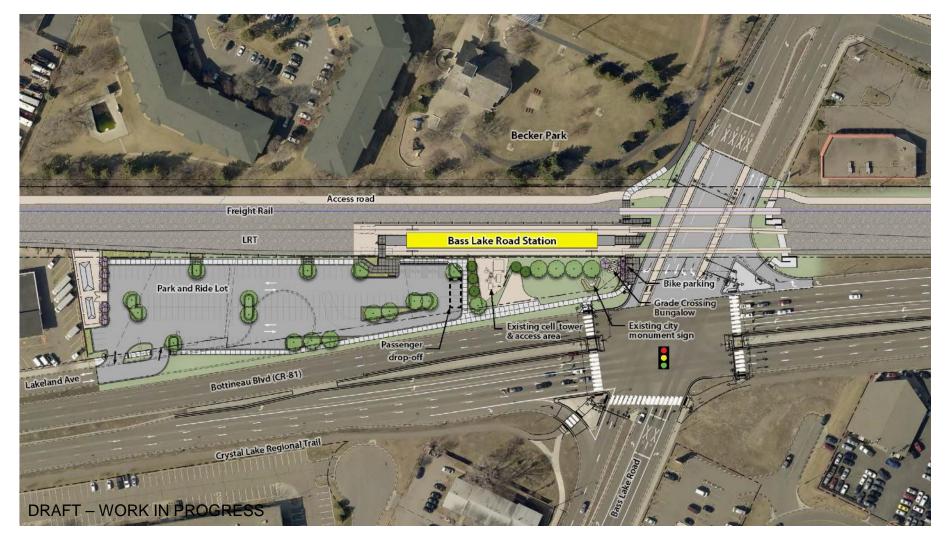
Bass Lake Road Station Context & Character Words

CONTEXT & CHARACTER WORKSHOPS



EEKING

Station Plan Concept







View from Bass Lake Rd looking South





View of station looking Northwest from Park and Ride

63rd Avenue Station



Aerial View of 63rd Ave Station Site



DRAFT-WORK IN PROCESS









PARK AND RIDE CONNECTION PASS-THROUGH REGIONAL COMMERCIAL ACCESS GATHERING 0 Ш DON'T OVERDO IT CAN'T SEE **UNFINISHED** FROM ROAD CLEARING SPREAD OUT

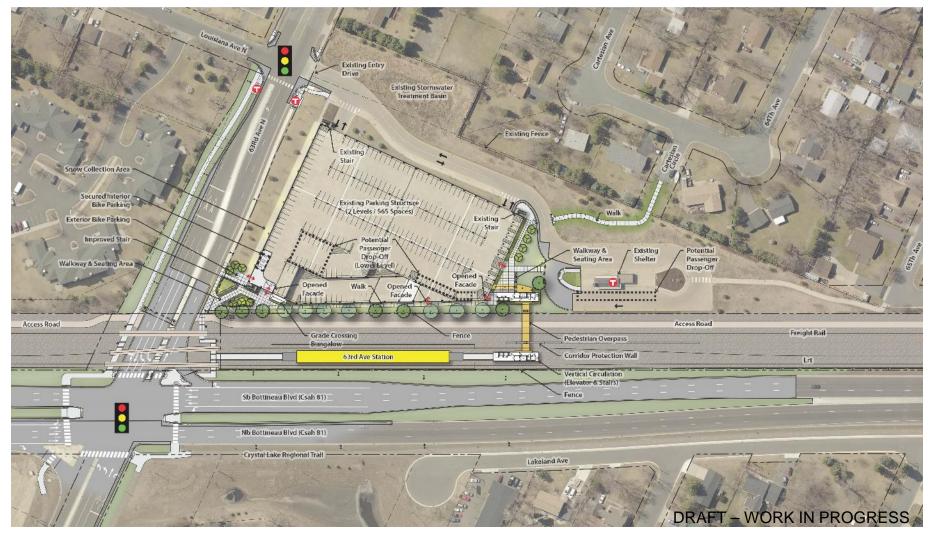
CONTEXT & CHARACTER WORKSHOPS

PARK AND RIDE CONNECTION PASS-THROUGH COMMERCIAL ACCESS GATHERING œ TRANSIT NEED WELCOMING FEEL RESIDENTIAL NEIGHBORHOOD CREATE PLACE DON'T OVERDO IT UNFINISHED FROM ROAD CLEARING SPREAD OUT STATION DESIGN CONCEPTS

63rd Avenue Station Context & Character Words



Station Plan Concept







Birdseye view of 63rd Ave Station





View of plaza at park and ride entry





View of pedestrian overpass from LRT platform



Brooklyn Boulevard Station



Aerial View of Brooklyn Blvd Station Site



DRAFT-WORK IN PROCESS









DESTINATION TRANSIT CONNECTIONS CULTURAL **TREES** VISIBILITY EXPRESSION INTENSIFICATION BUSY TIMELESS FEEL ESTRIAN CIRCULATION EXPRESSION OF COMMUNITY WAYFINDING

CONTEXT & CHARACTER WORKSHOPS

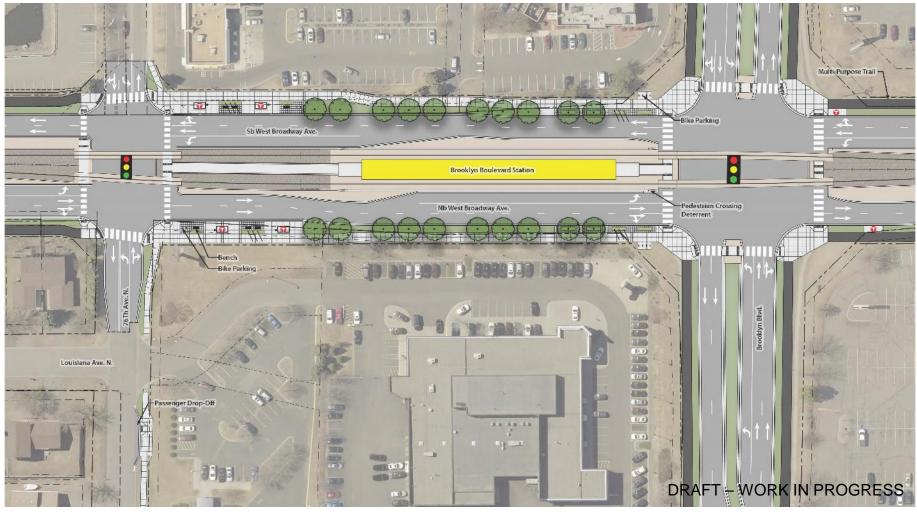


STATION DESIGN CONCEPTS

Brooklyn Blvd Station Context & Character Words



Station Plan Concept



Note: The streetscape design for West Broadway Ave. is being developed in coordination with the Visioning Team with input from the City, County, and Community. Improvements shown on the station site plan do not imply that the LRT Project will provide them. Final determination of funding sources for the streetscape features is yet to be determined.



View from West Broadway Ave looking Northwest





View from platform entry looking North



85th Avenue Station



Aerial View of 85th Ave Station Site



DRAFT-WORK IN PROCESS









PRIDE FOR INSTITUTIONS **BUS STOPS** LIBRARY MODERN DESIGN **DESTRIAN FA**

DESTINATION

BLENDS WITH MODERN ARCHITECTURE

CONTEXT & CHARACTER WORKSHOPS

CAMPUS AND SIGN AND SIGN AND SIGN AND SIGN FACILITIES

CE TO THE FUTURE

CAMPUS

CAMPUS

CAMPUS

CAMPUS

CARPOOLS

CARPOOLS

SHOOT TREES EDGES

CAMPUS

CAMPUS

CARPOOLS

CARPOO

TRANSITION FROM PUBLIC TO PRIVATI

RESIDENTIAL UNEASINESS

DESTINATION

ARTS AND

EDUCATION STUDENTS

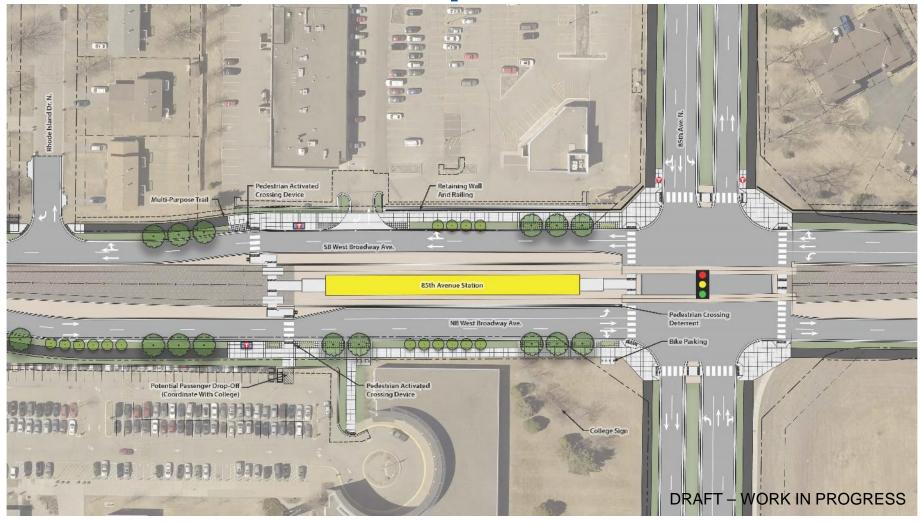
STATION BLENDS WITH MODERN ARCHITECTURE

STATION DESIGN CONCEPTS





Station Plan Concept



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View from West Broadway Ave looking Southeast





View from platform entry looking North



93rd Avenue Station



Aerial View of 93rd Ave Station Site



DRAFT-WORK IN PROCES









NOVATION

BIKE FACILITIES

SIMPLE DESIGN

CAMPUS FEEL

UNIQUE BIOPHARMA

CONTEXT & CHARACTER WORKSHOPS

INNOVATION

BIKE FACILITIES

SIMPLE DESIGN

LIFESTYLE

STATION DESIGN CONCEPTS

93rd Avenue Station Context & Character Words





Station Plan Concept



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View from West Broadway Ave looking Southeast





View from platform entry looking North



Oak Grove Parkway Station



Aerial View of Oak Grove Pkwy Station Site



DRAFT-WORK IN PROCESS









WAYFINDING WARM

STATION TO REPRESENT CULTURE

URBAN

CITY CENTER

PEOPLE CENTERED

GREENÈ

ENTRANCE POINT

MODERN SPECIAL EVENTS

Z AREA

NATIONAL EXAMPLE OF TOD

COMMUTER ACTIVE

MIXED USE DOWNTOWN

CENTER FOCUSED

CLEAR CONNECTIONS

"HUBURB"

HARD TO IMAGINE URBAN FUTURE

CONTEXT & CHARACTER WORKSHOPS

WAYFINDING **URBAN** CITY CENTER MODERN **CLEAR CONNECTIONS**

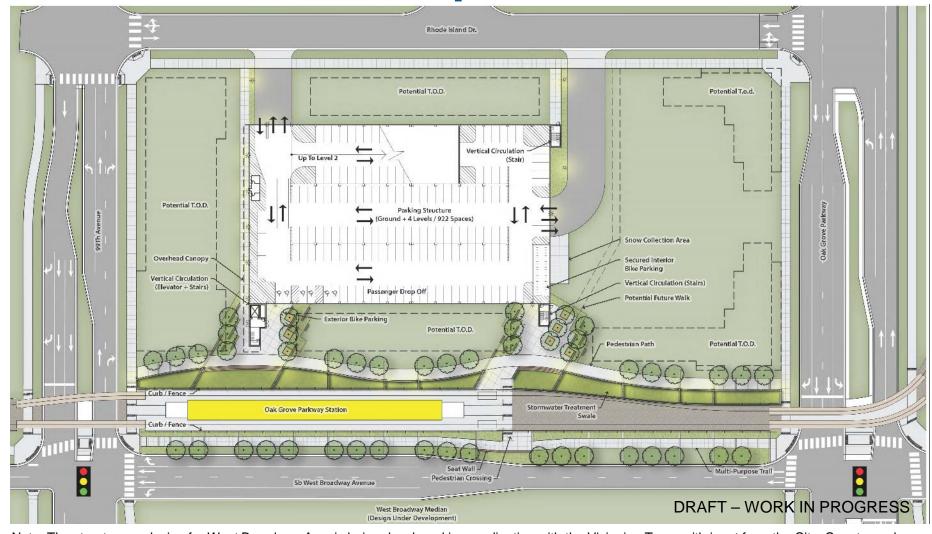
HARD TO IMAGINE URBAN FUTURE

STATION DESIGN CONCEPTS

Oak Grove Pkwy Station Context & Character Words



Station Plan Concept



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Birdseye view of Oak Grove Pkwy Station





View from sidewalk to LRT platform & ramp



View from ramp to LRT platform with TOD



Station Design: Stay Involved!

- Receive input from project partners, Community and Business Advisory Committees and Corridor Management Committees
- Share station design concepts at Community Open Houses:
 - Nov 9 17
- Presentation materials, station design boards and comment form posted on project website: BlueLineExt.org







Next Steps

- Oct Nov: Receive community/project partner input on 30% station design concepts
- Dec Jan: Review input received
- Feb: Finalize 60% station design
- Spring/Summer: Community updates



More Information



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