CAC/BAC Joint Meeting

August 8, 2016
Station Design Consistency
BLRT Stations

3 Components

½ MILE

Area

Site

Platform
Station Area Planning

• ½ mile radius of station

*Image provided by Hennepin County*
Station Site

Penn Avenue Station

Bus Rapid Transit platform
(future C-Line)

Future cycle-track
(by others)

Retaining wall (typ)

Penn Avenue

Olson Memorial Highway (TH-55)

Mid-block crossing
Station Site Elements

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

• Ticket vending/validation
• Transit information
• Passenger amenities
• Passenger safety
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

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

**Rider Alert Sign**
Information regarding train shut down, platform information, alternative routing

**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
How Context and Character Informs Design
Approaching MSP Airport
Facilitated Design Conversations
BLRT Stations

3 Components

Area

Site

Platform

½ MILE
Van White Station Design Hierarchy Diagram (DHD)
Table Questions:

• Think about the station site now. How do you feel about it? How do you want to feel about it in the future?

• Tell us what you think are key features of the station site now?

• What elements would you like to see strengthened in the future?

• What elements would you like to see minimized/no longer exist in the future?
LRT Station Platform and Site Design Application
Blue Line: 38th Street Station
Blue Line: 38th Street Station
Blue Line: Fort Snelling Station
Blue Line: Fort Snelling Station
Green Line: Prospect Park Station
Green Line: Prospect Park Station
Southwest LRT: Blake Rd Station

Draft - Work in Process
Southwest LRT: West 21st St Station
Station Design Variability
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.
Platform Variation Opportunities
Platform Section Diagram

1. Soffit and fascia treatments
2. Standard Metro Transit glass panel sizes
3. Column paint color
4. Concrete platform surface treatment

Draft: Work in Process
Wrap Up/Next Steps

• Site plan refinement
• Platform element development
• Continuing project partner coordination
• Ongoing community outreach/input