Community Advisory Committee

April 11, 2016
Today’s Topics

- Municipal Consent Recap
- Corridor-wide Safety/Security
- Golden Valley Rd Park & Ride, Trails and Intersection
- Section 106 (Historic Properties) Update
- Design Topics
- Schedule Update
Municipal Consent Recap
<table>
<thead>
<tr>
<th>City/County</th>
<th>Open House</th>
<th>Public Hearing</th>
<th>Committee/ Council/ Board Action</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brooklyn Park</td>
<td>Jan 25</td>
<td>Feb 22</td>
<td></td>
<td>Approved</td>
</tr>
<tr>
<td>Crystal</td>
<td>Jan 14</td>
<td>Feb 16</td>
<td>Feb 29</td>
<td>Approved</td>
</tr>
<tr>
<td>Robbinsdale</td>
<td>Feb 16</td>
<td>March 2</td>
<td></td>
<td>Approved</td>
</tr>
<tr>
<td>Golden Valley</td>
<td>Feb 2</td>
<td>Feb 16</td>
<td></td>
<td>Approved</td>
</tr>
<tr>
<td>Minneapolis (T&amp;PW)</td>
<td>Feb 2</td>
<td></td>
<td></td>
<td>Passed to Full Council</td>
</tr>
<tr>
<td>Minneapolis (Council)</td>
<td>N/A</td>
<td>Feb 12</td>
<td></td>
<td>Approved</td>
</tr>
<tr>
<td>Hennepin County</td>
<td>Jan 19</td>
<td>Feb 9</td>
<td></td>
<td>Approved</td>
</tr>
<tr>
<td>Hennepin County Regional Railroad Authority</td>
<td>Jan 19</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>
Corridor-wide Safety/Security
## System Safety Tasks By Project Phase

<table>
<thead>
<tr>
<th>Phase</th>
<th>Tasks</th>
</tr>
</thead>
</table>
| **PROJECT DEVELOPMENT** 2014-2016 | Safety Certification Planning  
Preliminary Hazard Analysis  
Threat & Vulnerability Assessment  
Critical Items Lists |
| **ENGINEERING** 2017 | Form Safety & Security Review Committee  
Verify Design Conformance to Safety Criteria  
Supplemental Hazard Analyses |
| **CONSTRUCTION** 2018-2020 | Verify Construction Conformance to Safety Criteria  
Verify Integrated Testing  
Public Safety Campaign  
Develop Operating Rules, Procedures, Plans |
| **ACTIVATION** 2020-2021 | Pre-Revenue Operations  
Emergency Preparedness Training & Exercises  
State and Federal Readiness Reviews  
Final Safety Certification Report |
Goal: Operate Safely
LRT Safety Features
Vehicle and Train Safety Elements

• Blank-out signs for traffic
• Bar signals on poles for trains
Vehicle and Train Safety Elements

- Blank-out signs for traffic
LRT Design Elements: Station & Tracks

- Open and transparent platform design for visibility
- Clear signage
- Video monitoring

Exterior deterrent fencing discouraging track crossing

Safety railings
Security Features

- Safety elements designed into the station

Security cameras

Emergency phone
Pedestrian & Bike Elements: Crossings

- Truncated domes mark crosswalk
- Countdown timer
- Push button and audible tones announce when crossing is permitted
- Sign marks crosswalk and alerts drivers
Crossing Elements: Push Button Signal
Warning Devices: Not Activated When No Train
Warning Devices: Activated When Train Approaching

Warning devices alert pedestrians to approaching trains and signs instruct people to look both ways, then cross.
Intertrack Fences & Railings
Gated Intersection Crossing
LRT Security Features
PA System on Station Platforms
Metro Transit Police Department

- ~200 full and part-time officers:
  - Uniformed and plain clothes
  - Ride buses and trains along with patrolling the routes
  - Average 1,700 hours per month onboard
  - 2014: 1,347,000 passengers checked for fare compliance on METRO System
The Metro Transit Police Department welcomed 12 new full-time officers at a swearing-in ceremony at the Union Depot on April 30. The new class expands on the department’s continuing efforts to reflect the community it serves, with bilingual officers who speak Spanish, Hmong, Somali and Russian. Also included among the diverse group is the state’s first Somali female to serve as a sworn officer.
Public Safety Campaign
Public Safety Campaign

• Website
• Brochures
• Training
• Videos
• Posters
• Public Service Announcement
• Bike Safety
Safety Website and Bike Safety Video
Golden Valley Road Park & Ride, Trails and Intersection
Golden Valley Rd Park & Ride, Trails and Intersection

- CMC added scope items for Golden Valley Rd Station improvements at their Nov 12 meeting
- Park & ride design advancing
- Trail access to station has been determined
- Golden Valley Rd/Theodore Wirth Pkwy intersection design advancing
Golden Valley Rd Station Park & Ride

SECTION A

Section near Theodore Wirth Parkway
Golden Valley Rd Station Park & Ride

SECTION B

Section at middle of platform
Golden Valley Rd Park & Ride Design

- Terraced parking levels
- Trail head facility
- Pedestrian ramp access to station from Theodore Wirth Pkwy, Golden Valley Rd, and parking lot
- Separation from bus stop by retaining wall and change in elevation
Golden Valley Rd Park & Ride Next Steps

• Proposed Park and Ride on Minneapolis Park and Recreation Board (MPRB) property
• Identify parcels to be used in land swap with MPRB
• Land swap and/or purchase easement to be part of comprehensive BLRT property request to MPRB
• Presentation at upcoming MPRB meeting
Golden Valley Rd Trail Design

• Three Rivers Park District proposed Bassett Creek Regional Trail along Golden Valley Rd

• New north/south trail connecting to Sochacki Park trail on the north and to Theodore Wirth Pkwy trail on the south

• Access to the station via Theodore Wirth Pkwy Trail

• New north/south trail on MPRB and Three Rivers Park District property, to be owned and maintained by each agency
Golden Valley Rd Station Trails

- Existing Sidewalk
- New Sidewalk
- Existing Shared-Use Trail (Bicycle & Ped)
- New Shared-Use Trail (Bicycle & Ped)
- Future Bike Lanes (by others)
Golden Valley Trails
Golden Valley Rd Intersection: Signalized Option
Golden Valley Rd Intersection: Roundabout Option
Golden Valley Rd/Theodore Wirth Pkwy Intersection

- Both signalized intersection and roundabout:
  - Offer improved pedestrian and bicycle access
  - Function at acceptable level of service for vehicular traffic
- Updates have been provided to Golden Valley City Council and MPRB commissioners
- Next steps:
  - Receiving public comments regarding intersection design
  - MPRB, Golden Valley, and Hennepin County staff to provide BPO with recommended design
Section 106 (Historic Properties) Update
Section 106 of the National Historic Preservation Act of 1966

• Requires Federal agencies to take into account the effects of their “undertakings” on historic properties

• Process independent from, but completed in coordination with, the National Environmental Policy Act (NEPA) and Section 4(f) of the Department of Transportation Act, as applicable
Section 106 Process

Initiate the 106 Process: Completed 2011

Identify Historic Properties: Completed 2014

Assess Adverse Effects: Completed Q1 2016

Resolve Adverse Effects: Ongoing to Q2 2016
Properties with No Adverse Effects

- **Great Northern Railway District / Soo Line Historic District**
- **Theodore Wirth Parkway Bridge**
- **Northwestern Knitting Factory**
- **Minneapolis Warehouse Historic District**
- **Jones Osterhus Barn**
Sumner Branch Library (HE-MPC-8081)

- Eligible under NRHP Criterion A in the areas of education and social history and under Criterion B for its association with a significant individual: Gratia Alta Countryman

- BLRT project elements will not physically impact or alter the property

- No direct effects: mitigations may include design review/construction protections

611 Emerson Avenue North, Minneapolis
Wayman African Methodist Episcopal (A.M.E.) Church (HE-MPC-8290)

• Eligible under NRHP Criterion C, in the area of architecture

• BLRT project elements will not physically impact or alter the property

• Adverse effects require mitigation, which may include completing NRHP nomination
Labor Lyceum (HE-MPC-7553)

- Eligible under NRHP Criterion A, in the areas of social history and politics / government
- BLRT project elements will not physically impact or alter the property
- No direct effects: mitigations may include design review / construction protections

1800 Olson Memorial Highway, Minneapolis
Floyd B. Olson Memorial Statue
(HE-MPC-9013)

- Eligible under NRHP Criterion C, as the work of a master: sculptor Carlo Brioschi

- The statue itself will not be physically altered or impacted, though the plaza in which it is located may undergo sidewalk and landscaping changes

- Adverse effects require mitigation, which may include historic property treatment plan/ completing NRHP nomination
Homewood Residential Historic District (HE-MPC-12101)

- Eligible under NRHP Criterion A in the areas of community planning and social history

- BLRT project elements will not physically impact or alter the district

- Adverse effects require mitigation, which may include design review/construction protections/noise mitigation
Osseo Branch Line/Great Northern Railway Historic District (HE-RRD-002)

- Eligible under NRHP Criterion A for its role in expanding potato farming in northern Hennepin County and for creating a new connection from the region to Minneapolis

- BLRT will use ROW for a portion of the Osseo Line, with elements such as stations, substations, and signal bungalows being constructed along the Line

- Adverse effects require mitigation, which may include interpretive elements/property documentation

Brooklyn Park, Crystal, Golden Valley, Robbinsdale, Minneapolis
Grand Rounds Historic District: Theodore Wirth Segment (XX-PRK-0001)

- Eligible under NRHP Criterion A in the areas of community planning and entertainment / recreation and under Criterion C in the area of landscape architecture
- The BLRT alignment will be located on the east side of Theodore Wirth Park within the existing BNSF ROW
- Adverse effects require mitigation, which may include design review, interpretive elements, and preservation planning
Sacred Heart Catholic Church (HE-RBC-1462)

- Eligible under NRHP Criterion C, in the area of architecture

- BLRT project elements will not physically impact or alter the property

- No direct effects: mitigations may include design review/ construction protections/noise mitigation (quiet zone implementation)

4087 West Broadway Avenue, Robbinsdale
Robbinsdale Waterworks (HE-RBC-286)

- Eligible under NRHP Criterion A, for its association with federal relief projects resulting from the Great Depression; more specifically, it is one of the remaining WPA public utility projects in Minnesota

- No direct effects: mitigations may include design review/construction protections

4217 Hubbard Avenue North, Robbinsdale
Hennepin County Library, Robbinsdale Branch (HE-RBC-024)

• Eligible under NRHP Criterion A, in the area of education

• BLRT project elements will not physically impact or alter the property

• No direct effects: mitigations may include design review/construction protections/noise mitigation (quiet zone implementation)

4915 42nd Avenue North, Robbinsdale
West Broadway Avenue Residential Historic District (HE-RBC-158)

- Eligible under NRHP Criterion C, in the area of architecture
- BLRT project elements will not physically impact or alter the property
- Adverse effects require mitigation, which may include design review/ construction protections/noise mitigation (quiet zone implementation)
Design Topics
TH 610: Brooklyn Park

- TH 610 Interchange coordination with proposed alignment of West Broadway
- Refining geometrics via Design Review Team and MnDOT layout review, in coordination with City of Brooklyn Park and Hennepin County
TH 610: Brooklyn Park Roadway Network
North of TH 610
39 ½ Avenue Closure: Robbinsdale

• Closure proposed to:
  - Promote safety by closing an at-grade rail crossing
  - Reduce noise impacts by eliminating train bells and crossing devices
39 ½ Avenue Closure: Robbinsdale
Schedule Update
Schedule Update

• May
  - FTA completes legal review of FEIS
  - Perform BPO risk assessment

• June
  - Publish FEIS in Federal Register
  - Update advisory committees on Project Scope
  - Present final Project Scope and Budget recommendation to CMC

• August
  - FTA signs Record of Decision
  - CTIB and HCRRA actions on Project Scope and Budget
  - Council action on Project Scope and Budget
  - Submit application for New Starts and Entry into Engineering
Member Reports
More Information

Website: BlueLineExt.org
Email: BlueLineExt@metrotransit.org
Twitter: @BlueLineExt