Today’s Topics

• Advisory Committees
• Technical Issue #4: Plymouth Ave/Golden Valley Road Station staff recommendation
• Technical Issue #7: Bass Lake Road Station staff recommendation
• Technical Issue #9A: Brooklyn Boulevard Station/73rd Ave Crossing staff recommendation
• Technical Issue #10: West Broadway Update
• Environmental Update
Advisory Committees
BLRT Advisory Committees Update

- Technical Project Advisory Committee: March 27
- Communication Steering Committee: March 30
- Business and Community Advisory Committees:
  - Joint meeting kick-off date: April 15
  - Topics: welcome/introductions, project overview, introduction of project staff, roles/responsibilities and resources, Hennepin County Community Works overview and a 2015 look ahead
  - Anticipate regular meetings to be held the first week of each month
Technical Issue Update
Technical Issues

Technical Issues

Segmented Issues
1. Target Field Station Area
2. Olson Memorial Highway
3. Olson Memorial Highway Crossing
4. Plymouth Avenue/Golden Valley Road Station
5. Golden Valley Alignment
6. Robbinsdale Station
7. Bass Lake Road Station
8. 63rd Avenue Station
9. Brooklyn Boulevard Station
10. CSAH 103 Reconstruction Project
11. 93rd Avenue/Oak Grove Parkway Station
12. Operations and Maintenance Facility

System-Wide Issues
13. Freight Rail
14. Transmission Line Coordination
15. Traction Power Substation Locations
Technical Issue #4:
Plymouth Ave/Golden Valley Rd Stations
Feb 26 Golden Valley Rd/Plymouth Ave Stations Community Meeting
Technical Issue #4: Plymouth Ave/Golden Valley Road Station Recommendation

• Both stations consistent with DEIS; only 1 in cost estimate

• Continue to advance engineering and environmental analysis at both stations
  ▪ Floodplains and wetlands
  ▪ Noise and vibration
  ▪ Cultural resources
  ▪ Parking
  ▪ Impacts to parkland

• Decision to include one or both will be part of scope and budget decision later in 2015
Technical Issue #7:
Bass Lake Road Station Update
Technical Issue #7: Bass Lake Road Station from DEIS
Technical Issue #7:
Bass Lake Road Station from DEIS

- Platform located near Bass Lake Rd
- No passenger drop-off area
- LRT at-grade crossing
Technical Issue #7: Issues to be Resolved

• Bass Lake Rd station access via all modes
  ▪ Explore shifting DEIS station location further south
  ▪ Explore potential site for passenger drop off on Lakeland
  ▪ Determine pedestrian, bus and bicycle access to station

• Traffic operations at Bass Lake Rd
  ▪ Conduct traffic modeling
  ▪ Analyze grade separation at Bass Lake Rd
Technical Issue #7: Bass Lake Rd Station
### Technical Issue #7: Bass Lake Rd Station

#### Table 2 - CSAH 81/ Bass Lake Road P.M. Peak Operations

<table>
<thead>
<tr>
<th>Approach</th>
<th>Existing No Build</th>
<th>Existing Build*</th>
<th>Existing Build* + 40% Traffic Growth and Signal Phasing Improvements</th>
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</thead>
<tbody>
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<td>Southbound</td>
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<td>Westbound</td>
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<td>D **</td>
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<tr>
<td>Overall Intersection</td>
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<td>D</td>
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</tbody>
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*Build assumes LRT at-grade with 10-minute headways and station south of Bass Lake Rd

**With signal timing adjustments, traffic operations can be improved over existing build condition
Technical Issue #7:
Bass Lake Rd Station Recommendation

- Retain DEIS station location
- Continued coordination with City of Crystal regarding at-grade crossing of Bass Lake Road:
  - Potential site for passenger drop off
  - Pedestrian, bus, and bicycle access to station
- Consistent with DEIS and budget
Technical Issue #9A: Brooklyn Boulevard Station/ 73rd Ave Crossing
Technical Issue #9A: 73rd Ave and County Road 81 Crossing

Issues For Resolution

• LRT crossing of 73rd Ave and County Road 81
  ▪ DEIS assumed LRT at-grade crossing of County Road 81 at 73rd Ave
  ▪ DEIS traffic information showed acceptable traffic operations
Technical Issue #9A: 73rd Ave Crossing

- DEIS ALIGNMENT (AT-GRADE)
- 25 MPH TOUCHDOWN POINT
- JOLLY LANE TOUCHDOWN POINT (25 MPH)
- POTENTIAL JOLLY LANE CONNECTION
Technical Issue #9A: 73rd Ave Crossing with LRT Elevated
<table>
<thead>
<tr>
<th>Approach</th>
<th>VISSIM Modeling LOS Results</th>
<th>Existing Build*</th>
<th>Existing Build* + 60% Traffic Growth</th>
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<tbody>
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<tr>
<td>Overall Intersection</td>
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</tbody>
</table>

* Assumes 6 lanes on CR 81
Technical Issue #9A: 73rd Ave and County Road 81 Crossing Recommendation

• Intersection operates at LOS B today, only drops to LOS C in build conditions
• DEIS assumed gated crossing and signal preemption, but at 7.5-minute headways
• Traffic modeling updated to 10-minute headways and volumes increased as a sensitivity test
Technical Issue #9A: 73rd Ave and County Road 81 Crossing Recommendation

- Retain DEIS at-grade crossing of County Road 81 at 73rd Ave
- Consistent with DEIS and budget
Technical Issue #10: West Broadway Update
March 19 W. Broadway Community Meeting

- 150 attendees
- Project overview presentation and six topic areas
  - Road and LRT design elements
  - Pedestrian and bike design elements
  - Property acquisition
  - Safety and security
  - Environmental review
  - Land use and economic development
March 19 W. Broadway Community Meeting

• What we heard:
  ▪ Keep land acquisition to a minimum
  ▪ More comments favor 4-lane design over 2-lane design
  ▪ Concern about congestion with 2-lane design
  ▪ Noise and vibration are primary environmental concerns
  ▪ Better access, traffic signals at Maplebrook Parkway
  ▪ Minimize traffic signals; keep traffic moving
April 7 W. Broadway Community Meeting

• ~ 60 attendees
• Presented staff recommendation for roadway design
• Open house on six topic areas:
  ▪ Road and LRT design recommendation
  ▪ Pedestrian and bike design elements
  ▪ Property acquisition
  ▪ Safety and security
  ▪ Environmental review
  ▪ Land use and economic development
Environmental Update
Environmental Update

• Coordination with key agencies is underway:
  - Minneapolis Park and Recreation Board
  - Three Rivers Park District
  - State Historic Preservation Office
  - United States Army Corps of Engineers
  - MN Dept of Natural Resources
  - Wetlands Conservation Act entities (LGUs)

• Environmental coordination with engineering
  - Focused on completion of tech memos distributed to corridor stakeholders late 2015: noise, wetlands, floodplains, etc.
More Information

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