Corridor Management Committee

July 10, 2013
Today’s Topics

• NEPA Update

• Project Development Technical Issues (TI)
  – SWLRT Stations: Louisiana, Beltline, West Lake, and 21\textsuperscript{st} Street
  – TH 100 and Cedar Lake Parkway
  – Minnetonka / Hopkins Bridge
  – OMF Location: 2-3 Finalist Sites

• Communications and Outreach Update
  – BAC Report
  – CAC Report
  – June 13 Freight Rail Open House Summary
  – Station Open Houses Summary
National Environmental Policy Act (NEPA) Update
NEPA Update

- FTA and Met Council intend to develop a Supplemental DEIS (SDEIS)
  - Evaluate potential new environmental impacts
  - Notice of Intent will be published in the Federal Register and EQB Monitor
  - Design adjustments and issue resolution activities continue as part of the preliminary engineering process

- Final EIS will incorporate responses to comments received on the DEIS and SDEIS
SWLRT Project Development Technical Issues

Revision 04: 28 May 2013

Technical Issues:

1. Eden Prairie Alignment
2. Nine Mile Creek Crossing
3. Golden Triangle Station
4. Shady Oak Road & TH 212 Crossing
5. City West Station & TH 62 Crossing
6. Opus Station
7. Opus Hill/Minnetonka-Hopkins Bridge
8. Shady Oak Station

9. PEC West/PEC East Interface Point

PEC West

PEC East

Joint PEC West/PEC East

System-wide Technical Issues (not shown):

10. Downtown Hopkins Station
11. Excelsior Blvd. Crossing
12. Blake Station
13. Louisiana Station
14. Wooddale Station
15. TH 100
16. Beltline Station
17. West Lake Station
18. Kenilworth Corridor
19. Bassett Creek Valley Corridor
20. Royalston Station/Interchange Project Coordination
21. Freight Rail Co-location/Relocation Alternatives
22. Traction Power Substation and Signal Bungalow Locations
23. Operation & Maintenance Facility (OMF) Location
24. Park & Ride, Kiss & Ride and Bus Layover Locations
25. Trails and LRT Interface Coordination
SWLRT PD Technical Issues
SWLRT Stations: Louisiana, Beltline, West Lake, and 21st Street

TH 100 and Cedar Lake Parkway
SITE DATA

SITE AREA (NORTH OF PLATFORM): 2.6 ACRES

SURFACE PARKING:
- 216 SPACES (EXISTING)
- 131 SPACES (REMAINING)
- 86 SPACES (REMOVED)

SITE AREA (EAST OF LRT TRACK): 4.4 ACRES (USING PARTS OF 3 PARCELS)

SURFACE PARKING: 220 SPACES

*PARKING REQUIRED TO BE DETERMINED BY NUMBER OF PARK-AND-RISE LOCATIONS AND POTENTIAL DEVELOPMENT
SITE DATA

SITE AREA (OPTION 1): 4.8 ACRES
SURFACE PARKING (WITH BRIDGE PIERS): 455 SPACES
SURFACE PARKING (OPTION 2): 220 SPACES

*PARKING REQUIRED TO BE DETERMINED BY NUMBER OF PARK-AND-RISE LOCATIONS AND POTENTIAL DEVELOPMENT

SOUTHWEST LIGHT RAIL
ST. LOUIS PARK
LOUISIANA STATION 4 - RELOCATION

IRT #13
Rev 1
05/21/2013
SITE DATA

SITE AREA: 2.0 ACRES (HCRA PROPERTY)
0.7 ACRES (RAMP OVER ADJACENT PROPERTY)

PARKING STRUCTURE: LEVEL PLATE, SPEED RAMP DESIGN
- AT GROUND LEVEL = 76 SPACES
- AT 2 LEVELS = 235 SPACES
- AT 3 LEVELS = 394 SPACES
- AT 4 LEVELS = 553 SPACES
- AT 5 LEVELS = 712 SPACES

TOTAL STRUCTURE HEIGHT: 48 FEET

POTENTIAL DEVELOPMENT: 28,000 SF (FOOTPRINT AREA)

*PARKING REQUIRED TO BE DETERMINED BY NUMBER OF PARK-AND-RIDE LOCATIONS AND POTENTIAL DEVELOPMENT
Minnetonka/Hopkins Bridge
Technical Issue #7
Operations and Maintenance Facility (OMF)
Technical Issue #23
OMF Technical Issue #23: Site Selection Process Overview

- Tier 1 – Identified 18 candidate sites (March)
- Tier 2 – Identified 7 candidate sites (April/May)
- Tier 3 – Identify 2-3 candidate sites (June)
- Tier 4 – Identify recommended site (July)
OMF Technical Issue #23: Tier 1 Site Selection Criteria

• Site size of 10 to 15 acres
• Flat/rectangular
• Efficient LRT train movement
• Good roadway access to site
• Compatible with adjacent land use
### OMF Technical Issue #23: Tier 2 & Tier 3 Evaluation Criteria

<table>
<thead>
<tr>
<th>Operational Characteristics</th>
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</thead>
<tbody>
<tr>
<td>• Site Configuration: operational effectiveness</td>
</tr>
<tr>
<td>• Alignment Proximity/Connectivity: distance/connection to mainline</td>
</tr>
<tr>
<td>• Alignment Location: geometric position on mainline</td>
</tr>
<tr>
<td>• Site Access: access for operations staff</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Site Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Adjacent Land Use Compatibility</td>
</tr>
<tr>
<td>• TOD/Mixed Use/Economic Development Considerations</td>
</tr>
<tr>
<td>• Zoning</td>
</tr>
<tr>
<td>• Site &amp; Facilities Cost: facilities, grading, utilities, soils</td>
</tr>
<tr>
<td>• Real Estate Acquisition: cost, complexity, legalities</td>
</tr>
<tr>
<td>• Relocation Cost: displaced occupants and uses</td>
</tr>
<tr>
<td>• Environmental Impact: wetlands, hazardous materials</td>
</tr>
<tr>
<td>• Cultural Resources: cultural, historical</td>
</tr>
<tr>
<td>• Stormwater Management: drainage, treatment</td>
</tr>
</tbody>
</table>
OMF Technical Issue #23: Tier 2 Site Selection Process

- Developed concept layouts for 7 candidate sites; reviewed with Metro Transit Operations and Maintenance
- Combined candidate sites 3 and 4 into one site
- Combined candidate sites 12 and 13 into one site
- Held three public open houses
- Reviewed 7 candidate sites and layouts with cities; requested additional input from cities
<table>
<thead>
<tr>
<th>Site Number</th>
<th>Name (City)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 / 4</td>
<td>City Garage West/East (Eden Prairie)</td>
</tr>
<tr>
<td>6</td>
<td>Mitchell East (Eden Prairie)</td>
</tr>
<tr>
<td>8</td>
<td>Shady Oak/Flying Cloud (Eden Prairie)</td>
</tr>
<tr>
<td>9</td>
<td>K-Tel (Minnetonka)</td>
</tr>
<tr>
<td>9A</td>
<td>K-Tel East (Hopkins)</td>
</tr>
<tr>
<td>11A</td>
<td>Eleventh Avenue West (Hopkins)</td>
</tr>
<tr>
<td>12 / 13</td>
<td>Excelsior West/East (Hopkins/St. Louis Park)</td>
</tr>
</tbody>
</table>
OMF Technical Issue #23: Tier 3 Site Evaluation Process

• Conducted additional evaluation using the 13 criteria
  – Developed preliminary cost estimates
  – Confirmed land use and zoning requirements
  – Reviewed available development agreements
  – Evaluated environmental considerations
• Reviewed findings with cities
OMF Technical Issue #23: Tier 3 Site Evaluation Process

• Common factors to all 7 candidate sites
  – Site size and geometry meet space program needs
  – Require private parcel acquisition
  – Use not represented in comp plans or zoning requirements
  – Pose tax base impacts
OMF Technical Issue #23: Tier 3
Site 3/4 - City Garage

Strengths:
• Consistent with land use guiding and zoning
• Acceptable to City with conditions
• Opportunity to include station and park-and-ride facilities on site

Weaknesses:
• Site dependent on Eden Prairie alignment (Technical Issue #1)
• Wetland impacts
• Noise and vibration impact concern to Eaton property
• End-of-line location poses operational limitations
• Requires coordination with station and park-and-ride facilities
OMF Technical Issue #23: Tier 3
Site 6 - Mitchell East

Strengths:
• Undeveloped property

Weaknesses:
• Site dependent on Eden Prairie alignment (Technical Issue #1)
• Operator relief access
• Wetland impacts
• Not consistent with City and property owner development plans (AUAR, PUD)
• Residential use to the south
OMF Technical Issue #23: Tier 3 Site 8 - Shady Oak/Flying Cloud Drive

Strengths:

• Consistent with land use guiding and zoning

Weaknesses:

• Not consistent with City reuse/redevelopment plans
• Operator relief access
• Requires significant lead track structure
OMF Technical Issue #23: Tier 3  
Site 9 - K-Tel

**Strengths:**
- Consistent with land use guiding and zoning

**Weaknesses:**
- Requires sewer interceptor relocation
- Residential use across Shady Oak Road to the west
- Sensitive medical assembly facility to the south
OMF Technical Issue #23: Tier 3
Site 9A - K-Tel East

Strengths:
• Consistent with land use guiding and zoning
• Operator relief access
• Freight rail and proposed LRT alignment buffer south and west property borders
• Redevelopment potential of remnant areas

Weaknesses:
• Wetland impacts
• Flood-prone conditions
• Geotechnical considerations in southern portion of site
OMF Technical Issue #23:
Site 11A - 11th Avenue West

Strengths:
• Consistent with land use guiding and zoning
• Operator relief access

Weaknesses:
• Nine Mile Creek crosses site
• Known site contamination
• Potential development impact to Shady Oak Station area
OMF Technical Issue #23: Tier 3
Site 12/13 - Excelsior

Strengths:
• Redevelopment potential of remnant areas
• Operator relief access

Weaknesses:
• Environmental Justice concerns
• Neighborhood opposition
• Multi-family residential use to the west
• Single family residential use to the south
• Not consistent with land use guidance and City redevelopment goals
# OMF Technical Issue #23: Tier 3 Preliminary Cost Estimates

<table>
<thead>
<tr>
<th>Site Number</th>
<th>Name (City)</th>
<th>Delta to LPA (MM)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4</td>
<td>City Garage (Eden Prairie)</td>
<td>$30 - $35</td>
</tr>
<tr>
<td>6</td>
<td>Mitchell East (Eden Prairie)</td>
<td>$25 - $30</td>
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<tr>
<td>8</td>
<td>Shady Oak/Flying Cloud Drive (Eden Prairie)</td>
<td>$45 - $50</td>
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<td>9</td>
<td>K-Tel (Minnetonka)</td>
<td>$50 - $55</td>
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<tr>
<td>9A</td>
<td>K-Tel East (Hopkins)</td>
<td>$35 - $40</td>
</tr>
<tr>
<td>11A</td>
<td>11th Avenue West (Hopkins)</td>
<td>$40 - $45</td>
</tr>
<tr>
<td>12/13</td>
<td>Excelsior (Hopkins/St. Louis Park)</td>
<td>$45 - $50</td>
</tr>
</tbody>
</table>

* Year of Expenditure (YOE) $’s
OMF Technical Issue #23: Tier 3 Primary Cost Drivers

<table>
<thead>
<tr>
<th>Site #</th>
<th>Name (City)</th>
<th>Cost Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4</td>
<td>City Garage (Eden Prairie)</td>
<td>• Site demolition / clearing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Yard tracks on structure</td>
</tr>
<tr>
<td>6</td>
<td>Mitchell East (Eden Prairie)</td>
<td>• Yard tracks on structure</td>
</tr>
<tr>
<td>8</td>
<td>Shady Oak/Flying Cloud Drive (Eden Prairie)</td>
<td>• Load tracks on structure</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Retaining structures</td>
</tr>
<tr>
<td>9</td>
<td>K-Tel (Minnetonka)</td>
<td>• Site demolition / clearing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Sewer interception relocation</td>
</tr>
<tr>
<td>9A</td>
<td>K-Tel East (Hopkins)</td>
<td>• Site demolition / clearing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Site grading / earthwork</td>
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<td>11A</td>
<td>11th Avenue West (Hopkins)</td>
<td>• Yard tracks on structure</td>
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<td></td>
<td>• Site demolition / clearing</td>
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<tr>
<td>12/13</td>
<td>Excelsior (Hopkins/St. Louis Park)</td>
<td>• Site grading / earthwork</td>
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<tr>
<td></td>
<td></td>
<td>• Special track work</td>
</tr>
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</table>
OMF Technical Issue #23: Tier 3
Recommended Two Candidate Sites

<table>
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<th>Site Number</th>
<th>Name (City)</th>
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<tr>
<td>3/4</td>
<td>City Garage (Eden Prairie)</td>
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<td>9A</td>
<td>K-Tel East (Hopkins)</td>
</tr>
</tbody>
</table>
OMF Technical Issue #23: Next Steps

• Present recommended site / seek input
  – Business Advisory Committee – July 24 [25]
  – Community Advisory Committee – July 25
  – SWLRT Corridor Management Committee – August 7
  – Metropolitan Council – August

• Continue design refinement – environmental evaluation
A Look Ahead: Design & Engineering

• Q3 2013: Submit Municipal Consent SWLRT Plans for City and County Review

• Q4 2013: Complete Municipal Consent Approval Process

• Q1 2014: Finalize 30% Design Plans and Specs
Communications and Outreach Update
June 6 Special Joint BAC/CAC Meeting

• Technical Issue Presentations:
  – Freight Rail: Co-location and Relocation Options
  – SWLRT Stations: Louisiana, Beltline, West Lake and 21st St.
  – TH 100 and Cedar Lake Parkway

• Next Steps/Open Houses:
  – June 13: Freight Rail Co-location and Relocation
  – June 17 – June 26: SWLRT Stations

• Technical Issues Workshop/Discussion
June 6 BAC/CAC Comments

- **Freight Co-location Options**
  - Concerned with impacts to residential properties
  - Concerned about corridor aesthetics and noise
  - More open to deep bore tunnel option through corridor

- **Freight Relocation Options**
  - Concerned with impacts to school properties
  - Concerned about visual impacts of freight rail structures
  - Concerned with impacts to business and residential properties
June 6 BAC/CAC Comments

- Louisiana, Beltline, West Lake and 21st Street Stations
  - Encourage multi-modal access to stations
  - Concerned about on-street neighborhood parking impacts
  - Ensure opportunities for development are preserved around stations
June 6 BAC/CAC Comments

• TH 100
  – Concerned about MnDOT project timing and construction

• Cedar Lake Parkway
  – Prefers LRT underpass scenario
June 13 Freight Rail Open Houses

• Location: Benilde-St. Margaret’s School, St. Louis Park
  ‒ 8:00 – 9:30 AM
  ‒ 4:30 – 7:00 PM
• Over 300 attendees
Freight Rail Open Houses – June 13

Public provided comments in many ways: Yellow sticky-notes, comment cards and staff conversations….350+ comments received.
Freight Rail Open Houses: Feedback

• Corridor-wide
  – Support for LRT
  – Minimize property acquisitions
  – Select the best investment vs. what is the least costly option

• Co-location
  – Tunnel options seen as a “win-win” for both communities
  – Minimize impacts to parkland/trails

• Relocation
  – Minimize impacts to schools and local businesses
  – Increased elevation of freight trains perceived as a safety issue
  – Freight structures viewed as dividing the community
Station Open Houses

- Station Open Houses: June 17 – June 26
  - June 17: Minneapolis
  - June 17: Minneapolis
  - June 18: Minnetonka/Hopkins
  - June 20: St. Louis Park
  - June 24: Minneapolis
  - June 26: Eden Prairie

- 330+ attendees
- 240+ comments received
June 26 BAC and June 27 CAC Meetings

• Hennepin County Works Update:
  – TSAAP Open House Summary
  – Mind-Mixer Demonstration
  – Focus Group Outreach

• Technical Issue Presentations/Discussion:
  – Minnetonka/Hopkins Bridge
  – Operations and Maintenance Facility Candidate Sites Update
  – TH 100 and Cedar Lake Parkway
  – Freight Rail and Station Open Houses Summary

• National Environmental Policy Act (NEPA) Process

• Mid-Year Check-in/Discussion

• Member and Committee Reports/Public Forum
Freight Rail Open Houses/Community Upcoming Meetings

• July 17: Jones-Harrison Residence
  (3700 Cedar Lake Avenue, Minneapolis)

• July 18: St. Louis Park High School
  (6425 W 33rd Street, St. Louis Park)

• Meeting Format:
  – Open House: 4:30 – 5:30 p.m.
  – Presentation: 5:30 – 6:15 p.m.
  – Facilitated Q & A Session: 6:15 – 7:00 p.m.
## June SPO Community Outreach Activities

<table>
<thead>
<tr>
<th>Date</th>
<th>Event/Group</th>
<th>SPO Role</th>
<th>Number of Attendees</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/5</td>
<td>Meeting with Curt Rahman and Tenants</td>
<td>Share Project Information, Seek Input</td>
<td>7</td>
</tr>
<tr>
<td>6/6</td>
<td>TwinWest Chamber</td>
<td>Share Project Information, Seek Input</td>
<td>60</td>
</tr>
<tr>
<td>6/6</td>
<td>Krause Anderson</td>
<td>Share Project Information</td>
<td>5</td>
</tr>
<tr>
<td>6/7</td>
<td>Tour of Eaton Facility</td>
<td>Seek Input, Gather Data</td>
<td>7</td>
</tr>
<tr>
<td>6/8</td>
<td>CIDNA Trail Users Information Event</td>
<td>Share Project Information</td>
<td>300</td>
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<tr>
<td>6/9</td>
<td>MN Jazz Festival on the Prairie</td>
<td>Share Project Information</td>
<td>200</td>
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<td>6/10</td>
<td>Redstone Operations/Owner Meeting</td>
<td>Share Project Information</td>
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<tr>
<td>6/10</td>
<td>Meeting with Skunk Hollow businesses</td>
<td>Share Project Information, Seek Input</td>
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<tr>
<td>6/10</td>
<td>St. Louis Park School Board Meeting</td>
<td>Share Project Information</td>
<td>30</td>
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<tr>
<td>6/11</td>
<td>St. Louis Park Woooddale area</td>
<td>Share Project Information</td>
<td>200</td>
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<tr>
<td>6/12</td>
<td>Cedar Lake Shores Lane Meeting</td>
<td>Share Project Information, Seek Input</td>
<td>4</td>
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<tr>
<td>6/12</td>
<td>Flagship Office and Copeland Building Owners</td>
<td>Share Project Information</td>
<td>8</td>
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<tr>
<td>6/13</td>
<td>I-494 Corridor Commission</td>
<td>Share Project Information</td>
<td>23</td>
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<tr>
<td>6/14</td>
<td>Property Owner Meeting</td>
<td>Share Project Information/Seek Feedback</td>
<td>7</td>
</tr>
<tr>
<td>6/15</td>
<td>Property Owner Meeting -- Lane Meeting</td>
<td>Share Project Information/Seek Feedback</td>
<td>10</td>
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<tr>
<td>6/15</td>
<td>St. Louis Park’s Parktacular</td>
<td>Share Project Information</td>
<td>150</td>
</tr>
<tr>
<td>6/17</td>
<td>Lake Citihome Association Board Meeting</td>
<td>Share Project Information/Seek Feedback</td>
<td>8</td>
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<tr>
<td>6/18</td>
<td>Discount Tire Meeting</td>
<td>Share Project Information</td>
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<tr>
<td>6/19</td>
<td>Property Owner Meeting -- Lane Meeting</td>
<td>Share Project Information/Seek Feedback</td>
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<tr>
<td>6/20</td>
<td>Riley Purgatory Creek Bluff Watershed District</td>
<td>Share Project Information</td>
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<td>6/21</td>
<td>St. Louis Park Rotary Club</td>
<td>Share Project Information</td>
<td>25</td>
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<td>6/24</td>
<td>St. Louis Park School Board Meeting</td>
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<td>6/25</td>
<td>Brooklawns Neighborhood Meeting</td>
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<td>6/27</td>
<td>Brunswick Zone</td>
<td>Share Project Information</td>
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<tr>
<td>7/1</td>
<td>New American Academy Graduation</td>
<td>Share Project Information</td>
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<tr>
<td>7/4</td>
<td>Fourth of July Festival</td>
<td>Share Project Information</td>
<td>700</td>
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More Information

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