Corridor Management Committee

May 1, 2013
Today’s Topics

- Legislative Update
- FTA 2014 New Starts Annual Report
- Technical Issue #23 – Operations & Maintenance Facility (OMF)
- Technical Issue #6 – Opus Station
- Technical Issue #7 – Opus Hill
- Technical Issue #8 – Shady Oak Station
- Technical Issue #10 – Downtown Hopkins Station
- Technical Issue #14 – Wooddale Station
- Communications and Outreach Update
  - BAC Report
  - CAC Report
Legislative Update
FTA 2014 New Starts Annual Report
SWLRT PE Technical Issues
SWLRT PE Technical Issues

Technical Issues:

1. Eden Prairie Alignment
2. Nine Mile Creek Crossing
3. Golden Triangle Station
4. Shady Oak Road Crossing
5. City West STation and TH 212/TH 62 Flyover Bridges
6. Opus Station
7. Opus Hill/Minnetonka-Hopkins Bridge
8. Shady Oak Station
9. PEC West/PEC East Interface Point
10. 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 PE Technical Issues
Operation and Maintenance Facility (OMF) Site
Operations and Maintenance Facility

- **OMF Activities:**
  - LRV cleaning
  - LRV maintenance
  - LRV storage

- **Central Corridor OMF:**
  - 180+ jobs

Interior of Blue Line’s Franklin OMF
Franklin OMF serving Blue Line (Hiawatha LRT)
Green Line (Central Corridor) OMF
Previous Façade
Green Line (Central Corridor) OMF
New Façade
Green Line (Central Corridor) OMF
New Façade
Storage Tracks

Central Corridor

Hiawatha
OMF Site Selection Process

1. SPO reviewed DEIS/public comments

2. SPO developed initial site selection criteria based on DEIS/public comments to identify additional potential OMF sites:
   - Site size of 10 to 15 acres
   - Compatible with adjacent land use
   - Good roadway access to site
   - Flat/rectangular site
   - Efficient LRT train movements to/from

3. SPO identified 18 candidates sites using initial criteria and presented to advisory committees: 3/11 TPAC; 3/27 BAC; 3/28 CAC; 4/3 SWCMC
## OMF Candidate Sites

<table>
<thead>
<tr>
<th>OMF Site #</th>
<th>Description</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>1*</td>
<td>212 ROW</td>
<td>Eden Prairie</td>
</tr>
<tr>
<td>2*</td>
<td>Wallace Road</td>
<td>Eden Prairie</td>
</tr>
<tr>
<td>3*</td>
<td>City Garage West</td>
<td>Eden Prairie</td>
</tr>
<tr>
<td>4*</td>
<td>City Garage East</td>
<td>Eden Prairie</td>
</tr>
<tr>
<td>5*</td>
<td>Mitchell West</td>
<td>Eden Prairie</td>
</tr>
<tr>
<td>6</td>
<td>Mitchell East</td>
<td>Eden Prairie</td>
</tr>
<tr>
<td>7</td>
<td>Flying Cloud/W. 70th Street</td>
<td>Eden Prairie</td>
</tr>
<tr>
<td>8</td>
<td>Shady Oak/W. 70th Street</td>
<td>Eden Prairie</td>
</tr>
<tr>
<td>9</td>
<td>K-Tel</td>
<td>Minnetonka</td>
</tr>
<tr>
<td>10</td>
<td>7th Street (Landfill)</td>
<td>Hopkins</td>
</tr>
<tr>
<td>11</td>
<td>11th Avenue</td>
<td>Hopkins</td>
</tr>
<tr>
<td>12</td>
<td>Excelsior West</td>
<td>Hopkins</td>
</tr>
<tr>
<td>13</td>
<td>Excelsior East</td>
<td>Hopkins/St. Louis Park</td>
</tr>
<tr>
<td>14</td>
<td>Louisiana West</td>
<td>St. Louis Park</td>
</tr>
<tr>
<td>15</td>
<td>Louisiana East</td>
<td>St. Louis Park</td>
</tr>
<tr>
<td>16</td>
<td>Beltline</td>
<td>St. Louis Park</td>
</tr>
<tr>
<td>17*</td>
<td>From DEIS</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>18*</td>
<td>5th Street North</td>
<td>Minneapolis</td>
</tr>
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</table>
OMF Candidate Sites
# OMF Evaluation Criteria

## Operational Characteristics

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Site Configuration: operational effectiveness</td>
</tr>
<tr>
<td>2</td>
<td>Alignment Proximity/Connectivity: distance/connection to mainline</td>
</tr>
<tr>
<td>3</td>
<td>Alignment Location: geometric position on mainline</td>
</tr>
<tr>
<td>4</td>
<td>Site Access: access for operations staff</td>
</tr>
</tbody>
</table>

## Site Characteristics

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Adjacent Land Use Compatibility</td>
</tr>
<tr>
<td>6</td>
<td>TOD/Mixed Use/Economic Development Considerations</td>
</tr>
<tr>
<td>7</td>
<td>Zoning</td>
</tr>
<tr>
<td>8</td>
<td>Site &amp; Facilities Cost: facilities, grading, utilities, soils</td>
</tr>
<tr>
<td>9</td>
<td>Real Estate Acquisition: cost, complexity, legalities</td>
</tr>
<tr>
<td>10</td>
<td>Relocation Cost: displaced occupants and uses</td>
</tr>
<tr>
<td>11</td>
<td>Environmental Impact: wetlands, hazardous materials</td>
</tr>
<tr>
<td>12</td>
<td>Cultural Resources: cultural, historical</td>
</tr>
<tr>
<td>13</td>
<td>Stormwater Management: drainage, treatment</td>
</tr>
</tbody>
</table>
Cities Provided OMF Site Feedback

- Eden Prairie and Minneapolis provided comments on DEIS in Dec. 2012
- St. Louis Park provided a letter April 3
- Hopkins provided a letter April 22
- Minnetonka provided a letter April 26
- Cities also provided verbal comments on finalist sites
OMF Site Selection Process

4. SPO developed expanded list of criteria and narrowed candidate list to 7 sites; presented at April 11 TPAC

5. SPO met with cities and discussed the evaluations April 15-18. Feedback included:
   - Additional potential sites identified
   - Compatible adjacent land use
   - Redevelopment/development impacts
   - Impacts to adjacent properties

6. Minnetonka and Hopkins requested at special April 19 TPAC additional sites be reviewed

7. SPO reviewed 2 additional sites and assigned rating of “Very Good”; SPO conducting further analysis and developing concept layouts/3-D images for all 9 sites
## OMF Preliminary Evaluation Summary

<table>
<thead>
<tr>
<th>Site No.</th>
<th>OMF Name - Location</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Shady Oak/West 70th Street – Eden Prairie</td>
<td>Excellent</td>
</tr>
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<td>9</td>
<td>K-Tel – Minnetonka</td>
<td>Excellent</td>
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<td>Excelsior West – Hopkins</td>
<td>Excellent</td>
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<td>Excelsior East – Hopkins/St. Louis Park</td>
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<td>3</td>
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<td>4</td>
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<td>5</td>
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<td>Good</td>
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<td>15</td>
<td>Louisiana East – St. Louis Park</td>
<td>Good</td>
</tr>
<tr>
<td>1</td>
<td>212 ROW – Eden Prairie</td>
<td>Unacceptable</td>
</tr>
<tr>
<td>2</td>
<td>Wallace Road – Eden Prairie</td>
<td>Unacceptable</td>
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## OMF Prel. Evaluation + Additional Sites

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BAC and CAC Comments on the OMF

• April 24 BAC Meeting
  Key Themes:
  ▪ General acceptance of candidate sites
  ▪ Interested in moving OMF process forward

• April 25 CAC Meeting
  Key Themes:
  ▪ Sites 12 and 13 are near environmental justice communities
  ▪ Concerned with neighborhood impacts
OMF Site Selection Process

8
- SPO holding OMF Open Houses
  - May 13: Eden Prairie
  - May 15: St. Louis Park
  - May 22: Minnetonka/Hopkins

9
- SPO continues to evaluate top ranked sites May 23 – June 7 and holds additional meetings with cities

10
- SPO presents top 2-3 candidate sites for input to advisory committees:
  - 6/13 TPAC; 6/26 BAC; 6/27 CAC; 7/3 SWCMC

11
- SPO recommends final site based on input and presents to advisory committees
  - 7/11 TPAC; 7/24 BAC; 7/25 CAC; 8/7 SWCMC
OMF Site Selection Process Next Steps

12. SPO seeks approval from Met Council’s Transportation Committee and Council in August

13. SPO submits municipal consent plans to cities and county in Q3 2013

14. Cities and county conduct municipal consent public hearings during Q4 2013

15. Cities and county grant municipal consent approval by end of Q4 2013
LRT Alignment and Station Technical Issues
SWLRT PE Project Elements

- Location of LRT track
- Location of freight rail service
- Location/layout of stations and station access
- Location/layout of park and ride facilities
- Location of pedestrian/bike trails impacted by project
- Layout of roadway features:
  - Turn lanes, lane widths, traffic signals
- Location/layout of operation and maintenance facility
- Identification of LRT systems elements
- Location/layout of connecting bus facilities
Opus Station
Technical Issue #6
Opus Hill
Technical Issue #7
Opus Hill

- Located near:
  - Claremont Apartments (318 units)
  - American Medical Systems (urology medical device manufacturing)
  - Real-time Properties (4 tenants in 29,320 SF of office space)
Shady Oak Station
Technical Issue #8
SOUTHWEST LIGHT RAIL
MINNETONKA/HOPKINS-SHADY OAK STATION
TRACK ALIGNMENT 3A SURFACE PARKING

LEGEND

- SIDEWALK / STATION ACCESS
- STATION PLATFORM
- LRT ADJUSTED ALIGNMENT
- INTERNAL ROADWAY/PARKING
- REGIONAL TRAIL
- LANDSCAPE (GREEN)
- LPA
- FUTURE ROADWAY BY OTHERS

DRAFT-WORK IN PROCESS

SOUTHWEST LIGHT RAIL
MINNETONKA/HOPKINS-SHADY OAK STATION
TRACK ALIGNMENT 3A SURFACE PARKING

REV: 4
DATE: 04/24/13

REGIONAL TRAIL
MONUMENT SIGN
LIMIT OF CONSTRUCTION DISTURBANCE
PEDESTRIAN ACCESS
PEDESTRIAN ACCESS
STATION PLATFORM
POTENTIAL PARKING STRUCTURE SITE LOCATION
BIKE STORAGE
KISS AND RIDE DROP OFF
POTENTIAL ROADWAY CONNECTION
OPEN (1.8 AC)
OPEN (4.4 AC)
OPEN (0.8 AC)
EXCELSIOR BLVD.
5TH ST.
K-TEL DR.
PARK AND RIDE (253 SPACES)
PARK AND RIDE (241 SPACES)
POTENTIAL ROADWAY CONNECTION
FUTURE ROADWAY BY OTHERS
POTENTIAL ROADWAY CONNECTION
17TH AVENUE LOOKING NORTH
Downtown Hopkins Station
Technical Issue #10
**DRAFT-WORK IN PROCESS**

**SOUTHWEST LIGHT RAIL**

**HOPKINS - DOWNTOWN HOPKINS STATION**

IRT #10
Rev 1
04/24/2013

- **Barrier/Fencing at Trail (Outside Station)**
- **Provide Access to Platform & Trail**
- **Extend Curb to Existing Lane Stripe**
- **Bus Stop & Layover**
- **Intermittent Trail Edge Delineator**
- **Barrier/Fencing at Station**
- **Station Platform**
- **Potential Hopkinton Civic Plaza and Cedar Lake Trailhead +/- 30,700 SF**
- **Kiss & Ride**
- **Platform Access and Ramp Barrier**
- **Barrier/Fencing at Trail (Outside Station)**
- **Barrier/Fencing at ROW**
- **Potential Driver Amenities Facility**
- **12' Trail**
- **Potential Bus Turnaround Option**
Wooddale Station
Technical Issue #14
Technical Issues 6, 7, 8, 10, 14 Next Steps

• Presented for input:
  – BAC – April 24
  – CAC – April 25
  – SWCMC – May 1

• Continue outreach with site property owners

• Continue discussion with city staff

• Hold public open houses: June/July
Communications and Outreach Update
April 24 BAC Meeting

• Southwest Corridor Investment Partnership Overview
  – Louis Smith, Smith Partners

• Hennepin County Community Works Update
  – SWLRT Housing Inventory, Cathy Bennett/ULI MN

• Technical Issues Discussions:
  – Operations and Maintenance Facility
  – Opus Hill
  – Stations: Opus, Shady Oak, Downtown Hopkins, Wooddale

• Member and Committee Reports

• Public Forum
April 25 CAC Meeting

• Hennepin County Community Works Update
  – SWLRT Housing Inventory, Kerri Pearce Ruch/Hennepin County

• Technical Issues Discussions:
  – Operations and Maintenance Facility
  – Opus Hill
  – Stations: Opus, Shady Oak, Downtown Hopkins, Wooddale

• Member and Committee Reports

• Public Forum
BAC and CAC Technical Comments

• April 24 BAC Meeting Key Themes/Comments:
  – **Downtown Hopkins:** Interested in the status of Hopkins Honda and whether not they will be expanding or moving facilities

• April 25 CAC Meeting Key Themes/Comments:
  – **Opus Hill:** concerned about impacts to residents and medical device manufactures
  – **Opus:** Location of transit and ped access
  – **Shady Oak:** Trail alignment and traffic patterns
  – **Downtown Hopkins:** Connections to Mainstreet, transit connections
  – **Wooddale:** Trail access, freight rail location, pedestrian safety
### SPO Community Outreach Activities

<table>
<thead>
<tr>
<th>Date</th>
<th>Event/Sponsor</th>
<th>SPO Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apr 6</td>
<td>West Calhoun/Cedar-Isles-Dean Neighborhood Walking Tour</td>
<td>Staff shared project information</td>
</tr>
<tr>
<td>Apr 8</td>
<td>City of St. Louis Park Council Study Session</td>
<td>Staff shared project information</td>
</tr>
<tr>
<td>Apr 10</td>
<td>Cedar-Isles-Dean Neighborhood Association Board Meeting</td>
<td>Staff attended</td>
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<tr>
<td>Apr 17</td>
<td>Royalston Station Business Group</td>
<td>Staff shared project information</td>
</tr>
<tr>
<td>Apr 18</td>
<td>St. Louis Park Kiwanis Club</td>
<td>Staff attended</td>
</tr>
<tr>
<td>Apr 18</td>
<td>St. Louis Park TSAAP Open House</td>
<td>Staff shared project information</td>
</tr>
<tr>
<td>Apr 23</td>
<td>Minnetonka/Hopkins TSAAP Open House</td>
<td>Staff shared project information</td>
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<tr>
<td>Apr 25</td>
<td>Park Nicollet Campus Leadership Collaborative</td>
<td>Staff shared project information</td>
</tr>
<tr>
<td>Apr 27</td>
<td>Kenilworth Alliance</td>
<td>Staff shared project information</td>
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</tbody>
</table>
More Information

Online:
www.SWLRT.org

Email:
SWLRT@metrotransit.org

Twitter:
www.twitter.com/southwestlrt