SWLRT Business Advisory Committee

October 10, 2012
Today’s Topics

• Approval of Meeting Minutes
• SWLRT “101”
• LRT “101”
• Guides to Commenting on the DEIS
• Future Topics of Interest
• Member/Committee Reports
• Public Forum
SWLRT “101”
2030 Regional Transitway Network
Locally Preferred Alternative (LPA) Route

- 15 miles, 17 new stations
- Will provide single seat trips to downtown Minneapolis, U of M and St. Paul

- Capital Investment: $1.25 billion
- Projected Rides: 30,000 / weekday in 2030
# Fares

<table>
<thead>
<tr>
<th>Transit Mode</th>
<th>Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Rail Transit/Local Bus</td>
<td>$1.75</td>
</tr>
<tr>
<td></td>
<td>$2.25 (peak period)</td>
</tr>
<tr>
<td>Express Bus</td>
<td>$2.25</td>
</tr>
<tr>
<td></td>
<td>$3.00 (peak period)</td>
</tr>
<tr>
<td>Northstar Commuter Rail</td>
<td>$3.00 - $6.00 depending on station</td>
</tr>
</tbody>
</table>
LPA Design Features

• Park-and-Ride at 15 of 17 stations
  – 3,500 new park-and-ride spaces

• Primarily at-grade alignment
  – 10.7 miles exclusive ROW
  – 3.3 miles at grade track
  – 1.4 miles above grade track
  – 0.2 miles below grade track

• Road, rail, and trail crossings
  – 21 at-grade-crossings of roadways
  – 3 at-grade-crossings of trails, 2 pedestrian underpasses
  – 9 new bridges, 3 replaced bridges
  – 3 new tunnels
## SWLRT Project Phases

<table>
<thead>
<tr>
<th>Year Range</th>
<th>Project Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002 – 2005</td>
<td>Feasibility Studies</td>
</tr>
<tr>
<td>2005 – 2010</td>
<td>Alternatives Analysis</td>
</tr>
<tr>
<td>2010 – 2011</td>
<td>Pre-Preliminary Engineering</td>
</tr>
<tr>
<td><strong>2011 – 2014</strong></td>
<td><strong>Preliminary Engineering</strong></td>
</tr>
<tr>
<td>2014</td>
<td>Record of Decision (ROD)</td>
</tr>
<tr>
<td>2014 – 2015</td>
<td>Final Design</td>
</tr>
<tr>
<td>2015</td>
<td>Full Funding Grant Agreement (FFGA)</td>
</tr>
<tr>
<td>2015 – 2017</td>
<td>Construction</td>
</tr>
<tr>
<td>2018</td>
<td>Revenue Operation</td>
</tr>
</tbody>
</table>
SWLRT Project Funding

- $1.25 Billion project budget

- HCRRA $125M (10%)
- State $125M (10%)
- FTA $625M (50%)
- CTIB $375M (30%)
## Local Funding Status

<table>
<thead>
<tr>
<th>Type</th>
<th>Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTIB</td>
<td>2010</td>
<td>$7,000,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>$12,200,000</td>
</tr>
<tr>
<td></td>
<td>2012</td>
<td>$13,562,000</td>
</tr>
<tr>
<td>HCRRA</td>
<td>2010</td>
<td>$3,150,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>$3,250,000</td>
</tr>
<tr>
<td></td>
<td>2012</td>
<td>$2,900,000</td>
</tr>
<tr>
<td>State</td>
<td>2009</td>
<td>$5,000,000</td>
</tr>
<tr>
<td></td>
<td>2012</td>
<td>$2,000,000</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>$49,062,000</td>
</tr>
</tbody>
</table>
FTA “New Starts” Process
Peer “New Starts” PE Projects out of 100+ Applicants (September 2012 Status)

- Vancouver, WA
- Minneapolis, St. Paul, MN
- Baltimore, MD
- Maryland
- Charlotte, NC
- Los Angeles, CA
- San Diego, CA
- Fort Worth, TX
- Houston, TX

- Medium-High - 7
- Medium - 4
### SWLRT New Starts Project Rating

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Financial Commitment</td>
<td>Medium</td>
</tr>
<tr>
<td>New Starts Share</td>
<td>Medium</td>
</tr>
<tr>
<td>Capital Plan</td>
<td>Medium</td>
</tr>
<tr>
<td>Operating Plan</td>
<td>Medium High</td>
</tr>
<tr>
<td><strong>Project Justification</strong></td>
<td>Medium</td>
</tr>
<tr>
<td>Environmental Benefits</td>
<td>Medium</td>
</tr>
<tr>
<td>Operating Effectiveness</td>
<td>Medium</td>
</tr>
<tr>
<td>Mobility Improvements</td>
<td>Medium</td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td>Medium-Low</td>
</tr>
<tr>
<td>Economic Development</td>
<td>Medium-High</td>
</tr>
<tr>
<td>Land Use</td>
<td>Medium</td>
</tr>
<tr>
<td><strong>Overall Project Rating</strong></td>
<td>Medium</td>
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</table>
What is Preliminary Engineering?

• Refines LPA’s definitions
  ▪ Scope, schedule, and budget

• Brings to level sufficient for final federal/state environmental review
  ▪ National Environmental Policy Act (NEPA)
  ▪ Minnesota Environmental Policy Act (MEPA)
  ▪ Identify impacts, make provision for mitigation

• All major or critical project elements
  ▪ Design to level that clearly defines location of track, stations and structures
Products of Preliminary Engineering

• Final scope
  ▪ Design and engineering at 30% level

• Project Management Plan

• Capital and Operating Financial Plan
  ▪ Local funding partner commitments
  ▪ Contingency Management Plan

• Meet Federal Rating Guidelines
  ▪ Project justification rating
  ▪ Financial rating
Preliminary Engineering Consultants
Scope of Work - 30% Engineering
Western Portion
Area of Work
Preliminary Engineering Consultants
Scope of Work - 30% Engineering
Eastern Portion
Area of Work
## Preliminary Engineering Consultants Procurement Schedule

<table>
<thead>
<tr>
<th>Activity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advertise RFPs</td>
<td>8/17/12</td>
</tr>
<tr>
<td>Pre-proposal conference</td>
<td>9/6/12</td>
</tr>
<tr>
<td>Response to proposer questions</td>
<td>9/13/12</td>
</tr>
<tr>
<td>Proposals due</td>
<td>10/2/12</td>
</tr>
<tr>
<td>Interview proposers</td>
<td>Oct/Nov 2012</td>
</tr>
<tr>
<td>Proposal evaluations/negotiations</td>
<td>Nov/Dec 2012</td>
</tr>
<tr>
<td>Contract Award / Notice to Proceed</td>
<td>Dec 2012 / Jan 2013</td>
</tr>
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</table>
SWLRT Advisory Committees

- Management Committee
- Community Advisory Committee
- Business Advisory Committee
- Communication Steering Committee
- Land Use Coordinating Committee
- Acknowledges complimentary efforts of other advisory committees related to Community Works
Southwest LRT Committee Structure

- Metropolitan Council
- Southwest LRT Corridor Mgmt Committee
- Southwest LRT Project Office
- Hennepin County
- Community Works Steering Committee
- Community Works Technical Implementation Committee

Shared Advisory Committees
- CAC, BAC, LUCC

Supporting Committees
Advisory Committees’ Purpose

• Serve as a voice for communities
• Advise policy committees
• Provide input on station location, design, and construction
• Provide input on station area vision
• Identify impacts related to LRT construction / operation
• Identify strategies to mitigate project impacts
• Serve as information resource and liaison
Location of TPSS 12

Original TPSS #12 Location

Central Station

Capital City Parking Ramp
LRT “101”
Station Design
Stations: Center Platform
Stations: Side Platform
Stations: Safety Features
Stations: Access, ADA Compliant Ramps and Handrails
Stations: Kiosk Map & Schedule
Stations: Smart Card Validator & Ticket Vending Machine
Stations: Variable Message Sign
Stations: Tactile edge
Stations: Lighting
Track Design
Track: Ballasted
Track: Embedded
Track: Direct Fixation
Track: Special Track Work
Systems
Systems: Overhead Catenary System, Pole & Cables
Systems: Traction Power Substation
Systems: Traction Power Substation
Systems: Signal Bungalow

10' x 10' x 16'
Systems: Signal Bungalow (Interior)
Systems: Train Signals
Operations & Maintenance Facility
Franklin Operations & Maintenance Facility
Operations & Maintenance Facility
Light Rail Vehicles
Light Rail Vehicles: Two-car Train
Light Rail Vehicles

- Seating for 66 passengers
- Standing room for an additional 70 passengers
Light Rail Vehicles: Wheelchair/mobility device accommodations
Light Rail Vehicles: Bicycle Hangers
Guides To Commenting on the DEIS
DEIS Update: Comment Period

- Current schedule reflects 60-day comment period ending 12/11/12
- Comment clock starts when the Notice of Availability is published in the Federal Register
- Intended for the public as well as public agencies
DEIS Update: Public Hearing dates/locations

- 11/13/12, Hennepin County Government Center, 300 Sixth Street, Room A-2400, Public Service Level (Skyway Level)
  *4:30 PM, Formal Public Hearing

- 11/14/12, St. Louis Park City Hall, 5005 Minnetonka Blvd.
  *6:00 PM, Formal Public Hearing

- 11/29/12, Eden Prairie City Hall, 8080 Mitchell Road
  *6:00 PM, Formal Public Hearing

*An Open House is scheduled prior to each Public Hearing*
DEIS Comment Guides

• Environmental Quality Board’s A Citizens Guide: Commenting on Environmental Review Project

• Electronic copies available at:
  www.southwesttransitway.org/project-progress-past-a-future.html
DEIS Comment Guides

- Electronic copies available at swlrt.org
- Details:
  - Topics covered by the DEIS
  - Hard copy availability for public review
  - How and where to send comments
  - Public hearing dates/times
  - Translation/ADA accommodations
Next Steps

• Hennepin County collects comments
• Following the close of the comment period, Hennepin County will turn over all the comments received to the Met Council
• The Federal Transit Administration (FTA) and the Met Council will consider all comments submitted and provide responses to substantive comments during the Final Environmental Impact Statement (FEIS)
Topics of Interest/Future Meeting Input

• Identify areas of interest to assist BAC discussions
• Prioritize topics for future meeting planning
• For example, CAC topics of interests:
  • Trails, parks and bicycle impacts
  • Station location and station area plans/transit oriented development
  • Bus and other transit connections to SWLRT
• Electronic Poll
  • Results to be shared in aggregate at next BAC meeting
Member and Committee Reports; Public Forum

• SWLRT Corridor Management Committee (swlrt.org)
  • October 3 meeting cancelled
  • Next scheduled meeting: November 7

• SWLRT Community Advisory Committee (swlrt.org)
  • October 11: Station Profiles, DEIS Update

• Community Works Steering Committee (southwesttransitway.org)
  • October 18: St. Louis Park City Hall, 1:30 – 3:00 PM: meeting cancelled
More Information

Website:  www.swlrt.org

Email:  swlrt@metrotransit.org