Business Advisory Committee

October 26, 2016
Today’s Topics

• Project Readiness
• Construction Sequencing/Phasing
• DBE & Workforce Programming/Outreach
• Construction Outreach and Communications
Project Readiness
## 5 Main Contracts

<table>
<thead>
<tr>
<th>Contract</th>
<th>Procurement Method</th>
<th>Timing</th>
<th>DBE Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil</td>
<td>Design/Bid/Build</td>
<td>Q1 2017</td>
<td>16%</td>
</tr>
<tr>
<td>Systems</td>
<td>Design/Bid/Build</td>
<td>Q2 2017</td>
<td>TBD</td>
</tr>
<tr>
<td>Operations &amp; Maintenance Facility</td>
<td>Design/Bid/Build</td>
<td>Q2 2017</td>
<td>TBD</td>
</tr>
<tr>
<td>Fare Collection</td>
<td>Request for Proposals</td>
<td>Q3 2019</td>
<td>TBD</td>
</tr>
<tr>
<td>Light Rail Vehicles</td>
<td>Request for Proposals</td>
<td>In Process</td>
<td>n/a</td>
</tr>
</tbody>
</table>
# Procurement Schedule Look-Ahead

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTA Approves Entry into Engineering</td>
<td>Nov 2016</td>
</tr>
<tr>
<td>Award Light Rail Vehicle Contract</td>
<td>Nov 2016</td>
</tr>
<tr>
<td>Complete 100% Design Civil Package</td>
<td>Dec 2016</td>
</tr>
<tr>
<td>Invitation for Bid Civil Package</td>
<td>January 2017</td>
</tr>
<tr>
<td>Invitation for Bid Systems Package</td>
<td>April 2017</td>
</tr>
<tr>
<td>Invitation for Bid OMF Package</td>
<td>June 2017</td>
</tr>
<tr>
<td>FTA Approves FFGA</td>
<td>July 2017</td>
</tr>
<tr>
<td>Notice to Proceed Civil Construction Contract</td>
<td>July 2017</td>
</tr>
<tr>
<td>Heavy Construction</td>
<td>2017-2020</td>
</tr>
<tr>
<td>Revenue Service</td>
<td>2021</td>
</tr>
</tbody>
</table>
Construction Sequencing & Phasing
Construction Sequencing & Phasing

• Balancing objectives:
  ▪ Maintain safe construction sites
  ▪ Provide sufficient work areas for the contractor to optimize productivity & reduce construction durations
  ▪ Provide adequate mobility for all modes/users
  ▪ Maintain reasonable access to businesses & neighborhoods
  ▪ Provide community outreach throughout construction
  ▪ Manage project construction budget and schedule
## Typical LRT Construction Sequencing

<table>
<thead>
<tr>
<th>Utilities</th>
<th>Site Prep</th>
<th>Structures, Track, Stations</th>
<th>Systems</th>
<th>Testing</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Excavation</td>
<td>• Clear buildings</td>
<td>• Track beds</td>
<td>• Overhead catenary</td>
<td>• Safety</td>
</tr>
<tr>
<td>• Relocation / installation</td>
<td>• Establish work zones, detours</td>
<td>• Track</td>
<td>• Safety &amp; security</td>
<td>• Communications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Buildings</td>
<td>• Ticket vending</td>
<td>• Operator training</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Roadwork</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Trails</td>
<td></td>
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</tr>
</tbody>
</table>

**Outreach & Communications**
Utilities

- Excavation
- Relocation/installation of utilities
- Restoration
Site Prep

- Contractor mobilization
- Clear buildings
- Establish work zones: erecting fencing, barriers
- Establish detours
Structures, Track & Stations

• “Heavy Construction”
  ▪ Track beds
  ▪ Track
  ▪ Bridges
  ▪ Tunnels
  ▪ Buildings
  ▪ Roadwork
  ▪ Trails
Systems

• Overhead catenary
• Safety & security
• Communications
  ▪ Radio
  ▪ Variable message signs
  ▪ Intrusion detection
  ▪ Close circuit TV
  ▪ Emergency call boxes
  ▪ Telephones
• Ticket vending machines
• Traction power substations
• Signaling systems
Testing

- Simulates revenue service operations
- Safety
- Communications
- Operator training
Typical LRT Construction Sequencing

Utilities
- Excavation
- Relocation / installation

Site Prep
- Clear buildings
- Establish work zones, detours

Structures, Track, Stations
- Track beds
- Track
- Buildings
- Roadwork
- Trails
- OMF

Systems
- Overhead catenary
- Safety & security
- Ticket vending

Testing
- Safety
- Communications
- Operator training

Outreach & Communications
Southwest LRT Construction Phasing

LRT Stations
- New
- Deferred
- Existing

Civil Construction Phasing
- Start: Fall 2017 / Spring 2018
  - Completion: Mid 2019
- Start: Fall 2017 / Spring 2018
  - Completion: Late 2019
- Start: Fall 2017 / Spring 2018
  - Completion: Early / Mid 2020
  - Operation and Maintenance Facility (OMF)
Southwest LRT Construction Phasing: Eden Prairie & Minnetonka

- Key Construction Features

LRT Stations
- New
- Deferred

Civil Construction Phasing
- Start: Fall 2017 / Spring 2018
  - Completion: Mid 2019
- Start: Fall 2017 / Spring 2018
  - Completion: Late 2019
- Start: Fall 2017 / Spring 2018
  - Completion: Early / Mid 2020
Southwest LRT Construction Phasing: Hopkins

- Key Construction Features
- LRT Stations

Civil Construction Phasing
- Start: Fall 2017 / Spring 2018
- Completion: Mid 2019

- Start: Fall 2017 / Spring 2018
- Completion: Early / Mid 2020

- Blake Road Station
- Shady Oak Station
- Downtown Hopkins Station
- Excelsior Blvd LRT Bridge
- Operation and Maintenance Facility (OMF)
- Minnetonka-Hopkins Bridge

0 1 Miles

SOUTHWEST
Green Line LRT Extension
Southwest LRT Construction Phasing:
St. Louis Park

- Key Construction Features
- LRT Stations

Civil Construction Phasing
Start: Fall 2017 / Spring 2018
Completion: Mid 2019

Start: Fall 2017 / Spring 2018
Completion: Early / Mid 2020
Southwest LRT Construction Phasing: Minneapolis

- Key Construction Features

LRT Stations
- New
- Existing

Civil Construction Phasing
- Start: Fall 2017 / Spring 2018
  - Completion: Mid 2019
- Start: Fall 2017 / Spring 2018
  - Completion: Early / Mid 2020
SouthWest Transit Station
Construction Phasing
SouthWest Station

SOUTHWEST LRT ALIGNMENT
SEGMENT W1 - EDEN PRAIRIE
SOUTHWEST STATION

JANUARY 2016

COLOR LEGEND
- LRT TRACKS
- PEDESTRIAN / SIDEWALK
- STATION PLATFORM
- TUNNEL
- OVERPASS
- TRAIL / BRIDGE
- SHED / CANOPY
- PROPERTY LINE
- RETAINING WALL
- TEMPORARY CONSTRUCTION EXCAVATION
- EXISTING SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZED INTERSECTION
- EXISTING BUILDING (DESIGN VARIANCE)
- NEW BUILDING (DESIGN VARIANCE)
- RIGHT OF WAY
- TOTAL PROPERTY ACQUISITION
- PARTIAL PROPERTY ACQUISITION

THE PROPOSED SOUTHWEST LRT PROJECT IS NOT FINAL BUT IS STILL UNDER ENVIRONMENTAL REVIEW AND THE PROJECT IS SUBJECT TO CHANGE. THESE PLANS ARE NOT FINAL.

THE COUNCIL, THROUGH THE DEVELOPMENT OF THESE PLANS, DOES NOT INTEND THAT THEY WILL BE USED OR COMPLIED WITH BY STATE OR FEDERAL ENVIRONMENTAL AGENCIES OF OTHER LEGAL REQUIREMENTS. THESE PLANS DO NOT ALTER THE PROJECT bleibt in Entwicklung und ist noch nicht endgültig. Diese Pläne dienen nur der Entwicklung des Projekts und können noch geändert werden.

THE COUNCIL CAN NOT TAKE FINAL ACTION ON THIS MATTER UNTIL THE COUNCIL COMPLETES THE PROJECT AFTER THE FEASIBILITY STUDY AND THE COUNCIL'S DETERMINATION OF NECESSITY.

EDEN PRAIRIE | MINNETONKA | EDINA | HOPKINS | ST. LOUIS PARK | MINNEAPOLIS
SouthWest Station

- Add 450-space ramp to existing 925-space park-and-ride ramp
SouthWest Station: Phase 1
SouthWest Station: Phase 2

Draft
SouthWest Station: Phase 3

Bus Circulation
Conduct BMP
Construct BMP
Temporary Indoor Waiting Area
Work Zone Protection
Continue Structure
Temporary ADA Climate Controlled Restrooms
Staging Area
Maintain Business Access
Technology Drive

Complete New Indoor Waiting Area
Demolish Bus Loop
Existing SW Ramp
Temp Drop-Off

Draft
DBE & Workforce Programming/Outreach
Project Goals

- **Project specific DBE subcontracting goals**
  - 16% DBE goal on civil contract
  - Goals will be established for OMF & systems contract

- **Workforce labor goals for Hennepin County:**
  - 32% minority
  - 6% female
DBE Contract Monitoring System

- Standard across all Council monitored contracts
- Monthly subcontractor reporting
- Payment verifications
- Site visit application
Great Minds Retreat

• Stakeholder engagement and collaboration
• Develop, discuss & strategize
• Develop cooperative action plans
• Sub-committees for bid evaluation, Oversight Committee
Joint DBE/Workforce Oversight Committee

- Membership identified from Great Minds participants
- Monthly contractor reporting on achievement
Bid Stage DBE Outreach

• Dec 5, 2016:
  ▪ Project info session and networking
• Civil construction Pre-Bid and DBE Mixer
  ▪ Structured 1 on 1 interviews with Prime bidders
• Bid evaluation interviews, reference checks
Workforce Outreach

• Workforce recruitment event
  ▪ Coordination with unions, schools, training orgs
  ▪ LRT MNCAP training program*
  ▪ Job seeker database registration*

* Dependent on funding
DBE Contact Info:

Andrew Larson
Senior EO Consultant
Southwest Project Office
612-373-3896
andrew.larson@metrotransit.org
Construction
Outreach and Communications
Your Future Starts Here!

• Hiring 70+ employees with backgrounds in:
  ▪ Engineering
  ▪ Construction
  ▪ Management
  ▪ Project controls
  ▪ Safety
  ▪ Quality assurance/quality control
  ▪ Finance
  ▪ Administration
Let’s Stay Connected

• Project website:
  ▪ Project updates/announcements
  ▪ Job summaries
  ▪ Helpful hints
  ▪ Sign-up GovDelivery

• Met Council website:
  ▪ Current listing of job openings
  ▪ Guides/videos to help navigate the hiring process
Construction Professionals Career Fair
Construction Contractor Event

- Date: Dec 5
- Time: 2:00 – 4:30
- Location: Minnetonka Community Center
- Agenda:
  - Project Overview
  - DBE Overview
  - Bidding Process Overview
  - Mixer
More Information

Online:
www.SWLRT.org

Email:
SWLRT@metrotransit.org

Twitter:
www.twitter.com/southwestlrlt