Community Advisory Committee

October 25, 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

Utilities
- Excavation
- Relocation / installation

Site Prep
- Clear buildings
- Establish work zones, detours

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

Systems
- Overhead catenary
- Safety & security
- Ticket vending

Testing
- Safety
- Communications
- Operator training

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)

0 1 2 Miles
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
- Blake Road Trail Underpass
- Excelsior Blvd LRT Bridge
- Operation and Maintenance Facility (OMF)
- Minnetonka-Hopkins Bridge
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

- TH 100 LRT Bridge and Freight Bridge Move
- Wooddale Ave Trail Underpass
- Beltline Boulevard Station
- Beltline Blvd Trail Bridge
- Louisiana Avenue Station
- Southerly Connector - Freight Rail
- Wooddale Avenue Station
- Blake Road Station
- Hopkins
- Edina
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

- Add 450-space ramp to existing 925-space park-and-ride ramp
SouthWest Station: Phase 1
SouthWest Station: Phase 4
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:

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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

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