Today’s Topics

• Call to Order
• Approval of Sept 1, 2021 Meeting Minutes
• Chair’s Update
• Project Update
• DBE and Workforce Update
• Communications and Outreach Update
• Adjourn
METRO Green Line Video
Project Update

Jim Alexander, P.E.
SWLRT Project Director
Project Scope

- 16 new stations
- 44 structures
  - 29 new bridges: LRT, pedestrian, roadway, freight
  - 7 existing bridges with modifications
  - 6 pedestrian tunnels
  - 2 cut and cover tunnels:
    - TH 62 582 ft.
    - Kenilworth 2,236 ft.
- 15 at-grade LRT crossings
  - Includes 5 shared crossings w/freight rail
- 131 retaining walls
- Track: ~182,000 TF
- 7.8 mi shared LRT and freight rail corridor
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
- Comms
- Operator training

Outreach & Communications

Prior to Revenue Service

✓ Done!
✓ Done!
~ 60% Complete
~ 2% Complete

~ 60% Complete
~ 2% Complete

Prior to Revenue Service

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

SOUTHWEST
Green Line LRT Extension

6
2021 Construction Highlights

- Civil construction nearly 60% complete
- Under construction:
  - 11 LRT stations underway of 16
  - 25 bridges completed or underway out of 29
  - 8 tunnels underway out of 8
  - 114 retaining walls completed or under construction out of 131
- 95% of 946 private utilities completed
- 75% of nearly 1,300 public utilities completed
- Completed all 15 building demolitions
- Systems contractor mobilized and in design and procurement
- Franklin O&M Facility modifications are nearly complete
- 25 of 27 LRVs delivered
Civil Construction Challenges: Key Issues

- **Corridor Protection Wall**
  - Required per BNSF agreement
  - Required environmental clearance which was completed after civil construction contracting
  - Added to the Civil Construction Contract by change order

- **Secant Wall**
  - Unforeseen soil conditions (settling during initial tunnel construction) necessitated an alternative construction method
  - Added to the Civil Construction Contract by change order

- These issues impact other SWLRT contracts and the overall project schedule and budget
Revised Project Schedule and Budget

Civil Schedule and Cost + Systems Schedule and Cost + Testing Schedule and Cost = New Project Schedule and Budget
Construction Activities
SouthWest Station
Prairie Center Drive
LRT Bridge, Eden Prairie
Prairie Center Drive LRT Bridge
Eden Prairie Town Center Station
Track Installation on I-494 LRT Bridge, Eden Prairie

Oct 26, 2021 11:47:08 AM
11800 Technology Drive
Eden Prairie
Hennepin County
Minnesota
Nine Mile Creek LRT Bridge, Eden Prairie
Golden Triangle Station, Eden Prairie
City West Station, Eden Prairie
TH 62 LRT Tunnel, Eden Prairie
TH 62 LRT Tunnel, Eden Prairie
Opening of Smetana Roadway Bridge, Minnetonka
Minnetonka-Hopkins LRT Bridge
Shady Oak Station, Hopkins
Downtown Hopkins Station, Hopkins
Excelsior Boulevard LRT Bridge, Hopkins
East End Span
Formwork at Excelsior Boulevard LRT Bridge, Hopkins
Blake Road Pedestrian Underpass, Hopkins
Louisiana Avenue LRT Bridge, St. Louis Park
Southerly Connector, St. Louis Park
Beltline Boulevard Station, St. Louis Park
Kenilworth LRT Tunnel, Minneapolis
Cedar Lake Channel LRT Bridge, Minneapolis
West 21st Street Station, Minneapolis
Corridor Protection Barrier
Drilled Shafts at I-394, Minneapolis
Luce Line Trail Bridge, Minneapolis
Wall Panels for the Corridor Protection Barrier, Minneapolis
Glenwood Avenue Bridges, Minneapolis
LRT Bridge Over 5th Avenue and 7th Street, Minneapolis
Systems Contract Work
Traction Power Substation Foundations, Eden Prairie
Opus Interlocking Signal House in Factory Production
Traction Power Substation Enclosure in Storage after Pre-Shipment Factory Testing
Franklin O&M Facility
North Yard & Maintenance Bay Modifications
West Runner Storage Tracks
Ask Colin to get a photo of the West Runner with LRVs parked on the tracks with the entire west face of the storage barn in the background

Alexander, Jim, 11/29/2021
New Rail Control Center
Light Rail Vehicles
Light Rail Vehicles

• Production progress
  ▪ LRVs 301-325 have been delivered to Minneapolis
  ▪ LRV 326 testing underway
  ▪ LRV 327 is parked on the test track awaiting final assembly

LRV 326: Low Voltage Testing
LRV 327: Last Vehicle!
DBE and Workforce Update

Jon Tao
Met Council’s Office of Equal Opportunity
### DBE Achievement as of Sept. 30, 2021

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Contract Description</th>
<th>Contract Amount</th>
<th>Billed to Date</th>
<th>DBE Billed to Date</th>
<th>DBE Date %</th>
<th>As of Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>LMJV</td>
<td>Civil</td>
<td>$958,072,792</td>
<td>$570,105,484</td>
<td>$124,278,929</td>
<td>21.8%</td>
<td>9/30/21</td>
</tr>
<tr>
<td>APJV</td>
<td>Systems</td>
<td>$196,255,388</td>
<td>$64,432,043</td>
<td>$10,068,764</td>
<td>15.6%</td>
<td>9/30/21</td>
</tr>
<tr>
<td>LS Black</td>
<td>Franklin O&amp;M Exp.</td>
<td>$39,609,230</td>
<td>$37,518,344</td>
<td>$7,110,561</td>
<td>19.0%</td>
<td>9/30/21</td>
</tr>
<tr>
<td></td>
<td>Closed Contracts</td>
<td>$404,992</td>
<td>$404,992</td>
<td>$74,610</td>
<td>18.4%</td>
<td></td>
</tr>
</tbody>
</table>

#### Open Contracts

<table>
<thead>
<tr>
<th></th>
<th>Contract Amount</th>
<th>Billed to Date</th>
<th>$ DBE to Date</th>
<th>% DBE to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>15% Goal</td>
<td>$1,194,342,402</td>
<td>$672,460,863</td>
<td>$141,532,864</td>
<td>21.0%</td>
</tr>
</tbody>
</table>
Civil DBE Participation as of Sept. 30, 2021

*DBE Goal for the Civil Contract is 16%*
Systems DBE Participation as of Sept. 30, 2021

*DBE Goal for the Systems Contract is 12%*
Franklin DBE Participation as of Sept. 30, 2021

*DBE Goal for the Franklin O&M Contract is 15%
SWLRT Construction Contracts Disaggregated*

- **Construction Contracts Total:** $1,194,342,402

<table>
<thead>
<tr>
<th>Ethnic Group</th>
<th>Women</th>
<th>Men</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian Pacific</td>
<td>$277,743</td>
<td>$40,021,329</td>
<td>$40,299,072</td>
</tr>
<tr>
<td>Asian Subcontinent</td>
<td>$</td>
<td>$1,900,001</td>
<td>$1,900,001</td>
</tr>
<tr>
<td>Black</td>
<td>$43,369</td>
<td>$9,227,926</td>
<td>$9,271,295</td>
</tr>
<tr>
<td>Hispanic</td>
<td>$727,600</td>
<td>$28,726,050</td>
<td>$29,453,650</td>
</tr>
<tr>
<td>Native American</td>
<td>$3,812,256</td>
<td>$18,538,811</td>
<td>$22,351,067</td>
</tr>
<tr>
<td>White Women</td>
<td>$119,382,198</td>
<td>$119,382,198</td>
<td>$222,657,282</td>
</tr>
</tbody>
</table>

*Contract values are as of 9/30/21 and includes: Civil, Systems, Franklin O&M & OMF Demo*
Disaggregated Construction DBE Data*

- DBE contract participation by state:

<table>
<thead>
<tr>
<th>State</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>MN</td>
<td>$192,316,224</td>
</tr>
<tr>
<td>FL</td>
<td>$20,500,000</td>
</tr>
<tr>
<td>GA</td>
<td>$6,907,529</td>
</tr>
<tr>
<td>MD</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>SD</td>
<td>$795,000</td>
</tr>
<tr>
<td>WI</td>
<td>$659,526</td>
</tr>
<tr>
<td>IL</td>
<td>$479,004</td>
</tr>
</tbody>
</table>

*Contract values for Civil, Systems, Franklin O&M, and OMF Demolition as of Sept 30, 2021
Workforce Participation Report
Civil Workforce Participation Percentage*

- September 2021: 82,229 hrs
- Civil Construction Total: 1,641,957 hrs

*Based on LCP Tracker Workforce Report for September 2021
People of Color/Indigenous (POCI)
Monthly Civil Workforce Participation*

- Total Women hours to date: 136,572 hrs
- Cumulative participation: 8.4%

*Workforce data is based on the September 2021 report from LCP Tracker.
Monthly Civil Workforce Participation*

- Total POCI hours to date: 376,222 hrs
- Cumulative participation: 22.9%

*Workforce data is based on the September 2021 report from LCP Tracker.
# Civil Workforce Cumulative Disaggregated*

- Civil Construction Total: 1,641,957 hrs
- Total POCI: 376,222 hrs (22.9%)
- Total Women: 136,572 hrs (8.4%)

<table>
<thead>
<tr>
<th>Ethnic Group</th>
<th>Women</th>
<th>Women %</th>
<th>Men</th>
<th>Men %</th>
<th>Total</th>
<th>Total %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>368</td>
<td>0.0%</td>
<td>48,766</td>
<td>3.0%</td>
<td>49,134</td>
<td>3.0%</td>
</tr>
<tr>
<td>Black</td>
<td>21,064</td>
<td>1.3%</td>
<td>78,085</td>
<td>5%</td>
<td>99,149</td>
<td>6.0%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>4,678</td>
<td>0.3%</td>
<td>164,471</td>
<td>10.0%</td>
<td>169,148</td>
<td>10.3%</td>
</tr>
<tr>
<td>Multi-racial</td>
<td>700</td>
<td>0.0%</td>
<td>22,909</td>
<td>1.4%</td>
<td>23,609</td>
<td>1.4%</td>
</tr>
<tr>
<td>Native American</td>
<td>12,741</td>
<td>0.8%</td>
<td>22,440</td>
<td>1.4%</td>
<td>35,181</td>
<td>2.1%</td>
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<tr>
<td>Not Specified</td>
<td>135</td>
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<td>8,742</td>
<td>0.5%</td>
<td>8,877</td>
<td>0.5%</td>
</tr>
<tr>
<td>White</td>
<td>96,886</td>
<td>5.9%</td>
<td>1,159,972</td>
<td>70.6%</td>
<td>1,256,858</td>
<td>76.5%</td>
</tr>
</tbody>
</table>

*Based on workforce data from LCP Tracker Reports. Women, People of Color and Indigenous People (POCI) participation from 12/27/18 – 9/30/21
Systems Workforce Participation Percentage*

- September 2021: 376 hrs
- Systems Construction Total: 1,252 hrs

*Based on LCP Tracker Workforce Report for September 2021
People of Color/Indigenous People (POCI)
## Systems Workforce Cumulative Disaggregated*

- Systems Construction Total: 1,252 hrs
- Total POCI: 122 hrs (27.5%)
- Total Women: 187 hrs (14.9%)

<table>
<thead>
<tr>
<th>Ethnic Group</th>
<th>Women</th>
<th>Women %</th>
<th>Men</th>
<th>Men %</th>
<th>Total</th>
<th>Total %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>0</td>
<td>0.0%</td>
<td>344</td>
<td>27.5%</td>
<td>344</td>
<td>27.5%</td>
</tr>
<tr>
<td>Black</td>
<td>0</td>
<td>0.0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>0</td>
<td>0.0%</td>
<td>0</td>
<td>0.0%</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Multi-racial</td>
<td>0</td>
<td>0.0%</td>
<td>0</td>
<td>0.0%</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Native American</td>
<td>0</td>
<td>0.0%</td>
<td>0</td>
<td>0.0%</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Not Specified</td>
<td>0</td>
<td>0.0%</td>
<td>0</td>
<td>0.0%</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>White</td>
<td>187</td>
<td>14.9%</td>
<td>722</td>
<td>57.7%</td>
<td>908</td>
<td>72.5%</td>
</tr>
</tbody>
</table>

*Based on workforce data from LCP Tracker Reports. Women, People of Color and Indigenous People (POCI) participation from 10/17/19 – 9/30/21*
Franklin O&M Workforce Participation Percentage*

- September 2021: 3,415 hrs
- Franklin O&M Construction Total: 100,702 hrs

*Based on LCP Tracker Workforce Report for September 2021
People of Color/Indigenous (POCI)
Monthly Franklin O&M Workforce Participation*

- Total Women hours to date: 9,384 hrs
- Cumulative participation: 9.3%

*Workforce data is based on the September 2021 report from LCP Tracker.
Monthly Franklin O&M Workforce Participation*

- Total POCI hours to date: 23,020 hrs
- Cumulative participation: 22.9%

*Workforce data is based on the September 2021 report from LCP Tracker.
Franklin O&M Workforce Disaggregated*

- Franklin O&M Total: 100,702 hrs
- Total POCI Hours: 23,020 hrs (22.9%)
- Total Women Hours: 9,384 hrs (9.3%)

<table>
<thead>
<tr>
<th>Ethnic Group</th>
<th>Women</th>
<th>Women %</th>
<th>Men</th>
<th>Men %</th>
<th>Total</th>
<th>Total %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>450</td>
<td>0.4%</td>
<td>2,935</td>
<td>2.9%</td>
<td>3,385</td>
<td>3.4%</td>
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<tr>
<td>Black</td>
<td>2,356</td>
<td>2.3%</td>
<td>5,052</td>
<td>5%</td>
<td>7,408</td>
<td>7.4%</td>
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<tr>
<td>Hispanic</td>
<td>296</td>
<td>0.3%</td>
<td>7,188</td>
<td>7.1%</td>
<td>7,483</td>
<td>7.4%</td>
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<tr>
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<td>0.0%</td>
<td>2,645</td>
<td>2.6%</td>
<td>2,645</td>
<td>2.6%</td>
</tr>
<tr>
<td>Native American</td>
<td>34</td>
<td>0.0%</td>
<td>2,065</td>
<td>2.1%</td>
<td>2,099</td>
<td>2.1%</td>
</tr>
<tr>
<td>Not Specified</td>
<td>0</td>
<td>0.0%</td>
<td>4,751</td>
<td>4.7%</td>
<td>4,751</td>
<td>4.7%</td>
</tr>
<tr>
<td>White</td>
<td>6,249</td>
<td>6.2%</td>
<td>66,683</td>
<td>66.2%</td>
<td>72,932</td>
<td>72.4%</td>
</tr>
</tbody>
</table>

*Based on workforce data from LCP Tracker Reports. Women, People of Color and Indigenous People (POCI) participation from 5/29/20 – 9/30/21
Communications & Outreach Update

Sophia Ginis
Manager, Community Outreach
Community Outreach Highlights: Fall Public Tours

- October 26 Kenilworth LRT Tunnel Public Walking Tour
Community Outreach Highlights

- Feedback from tour participants:
  - “I really enjoyed the tour, learned a lot and sparked a lot more interest in learning more.”
  - “Thanks for the tour. Really enjoyed the time with you team. Impressed with the engineering but the construction was incredible. Thought of this quote while driving home: Theodore Roosevelt Quote ‘Far and away the best prize that life has to offer is the chance to work hard at work worth doing.’”
  - “Thanks for giving up a Saturday afternoon to conduct that tour. Very informative and interesting.”
2021 Highlights
• Virtual townhalls
• Community meetings
• Spring, summer, fall tours
• Property owner meetings
• GovDelivery:
  ▪ 17,431 subscribers
  ▪ 46% open rate
• Twitter:
  ▪ 1,481 followers
  ▪ 127 tweets
• Website: 15,500 views a month (avg.)
Next Meeting

• Wednesday, February 2 10:00 – 11:30 AM
• 2022 schedule:
  ▪ February 2
  ▪ April 6
  ▪ June 1
  ▪ August 3
  ▪ October 5
  ▪ December 7
Stay Updated!

Online: 
SWLRT.org

Twitter: 
@SouthwestLRT

Flickr: 
flickr.com/photos/metcouncil/albums

Facebook: 
@MetropolitanCouncil

Instagram: 
@southwest_lrt