

SOUTHWEST

Green Line LRT Extension



SWLRT Project Update

December 8, 2021



Today's Topics

- Project Update
- ROW Update
- DBE & Workforce Update
- Communications & Outreach Update



METRO Green Line Video

The METRO Green Line Extension - Making Tracks

Watch later Share

MORE VIDEOS METRO Green Line Extension

0:56 / 2:21

CC Settings YouTube

The video shows a construction site for the METRO Green Line Extension. Two parallel tracks are visible, laid on a bed of gravel. The tracks are supported by concrete sleepers. A yellow maintenance vehicle is on the left track. The tracks curve to the right. In the background, there are utility poles, a highway overpass, and some buildings under an overcast sky.

Project Update

Jim Alexander, P.E.
SWLRT Project Director

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

2021 Construction Highlights

- 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

LRT Construction Sequencing

Prior to Revenue Service

✓ Done!

✓ Done!

~ 60% Complete

~2% Complete



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

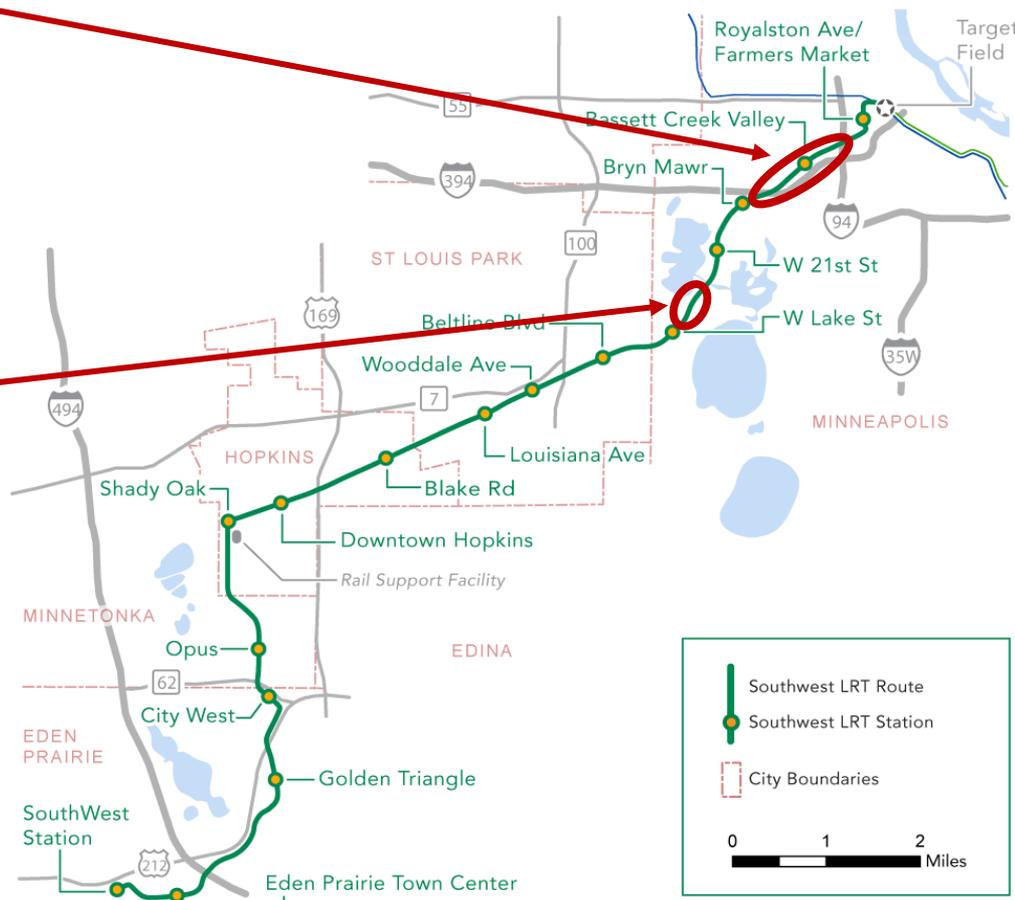
Testing

- Safety
- Comms
- Operator training

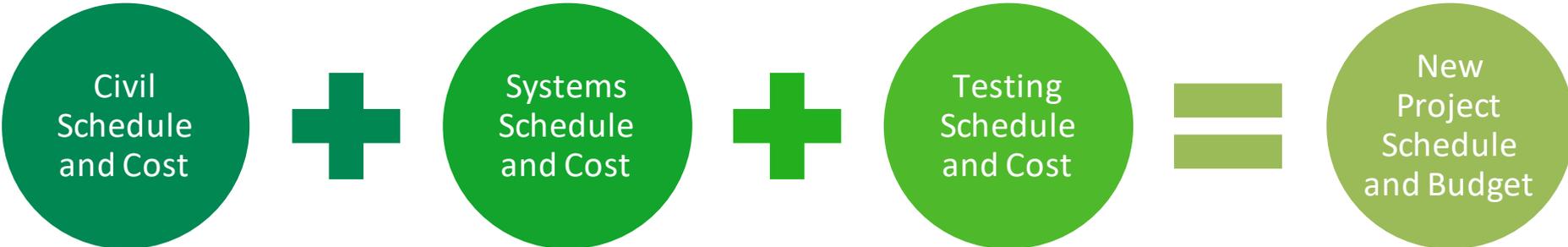
Outreach & Communications

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



We're here

Construction Activities

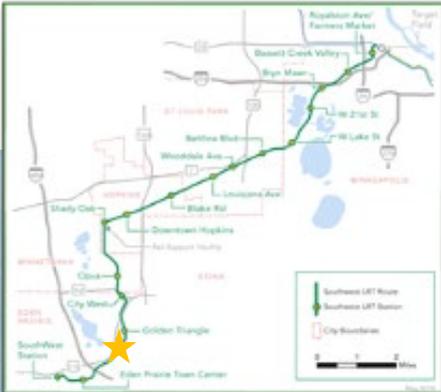


Prairie Center Drive LRT Bridge, Eden Prairie

Eden Prairie Town Center Station



Nine Mile Creek LRT Bridge, Eden Prairie



Golden Triangle 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



Downtown Hopkins Station, Hopkins





Excelsior Boulevard LRT Bridge, Hopkins

Southerly Connector, St. Louis Park



Louisiana Avenue Station
SWLRT

Beltline Boulevard Station, St. Louis Park



Kenilworth LRT Tunnel, Minneapolis



West 21st Street Station, Minneapolis



Wall Panels for the Corridor Protection Barrier, Minneapolis



Glenwood Avenue Bridges, Minneapolis



Systems Contract Work

Traction Power Substation Foundations, Eden Prairie



Traction Power Substation Enclosure awaiting shipment



Franklin O&M Facility

North Yard & Maintenance Bay Modifications



West Runner Storage Tracks



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

Real Estate Update

Real Estate Acquisition Status

- Total parcels: 192
- Public parcels: 42
 - Acquired Deed / Easement: 42
 - All public parcels completed
- Private parcels: 150
 - 98 Parcel acquisitions complete
 - 52 Parcels with Title and Possession, awaiting settlement or Commissioner's Hearing
 - Extending Temporary Easements

Real Estate Relocation Status

- Total displacees: 177
 - 175 displacees: Relocation and claims closed out
 - 3 of the closed out displacees have appealed the Council's final determination of claim eligibility, pending review by Administrative Law Judge
 - 2 displacee claims actively being finalized

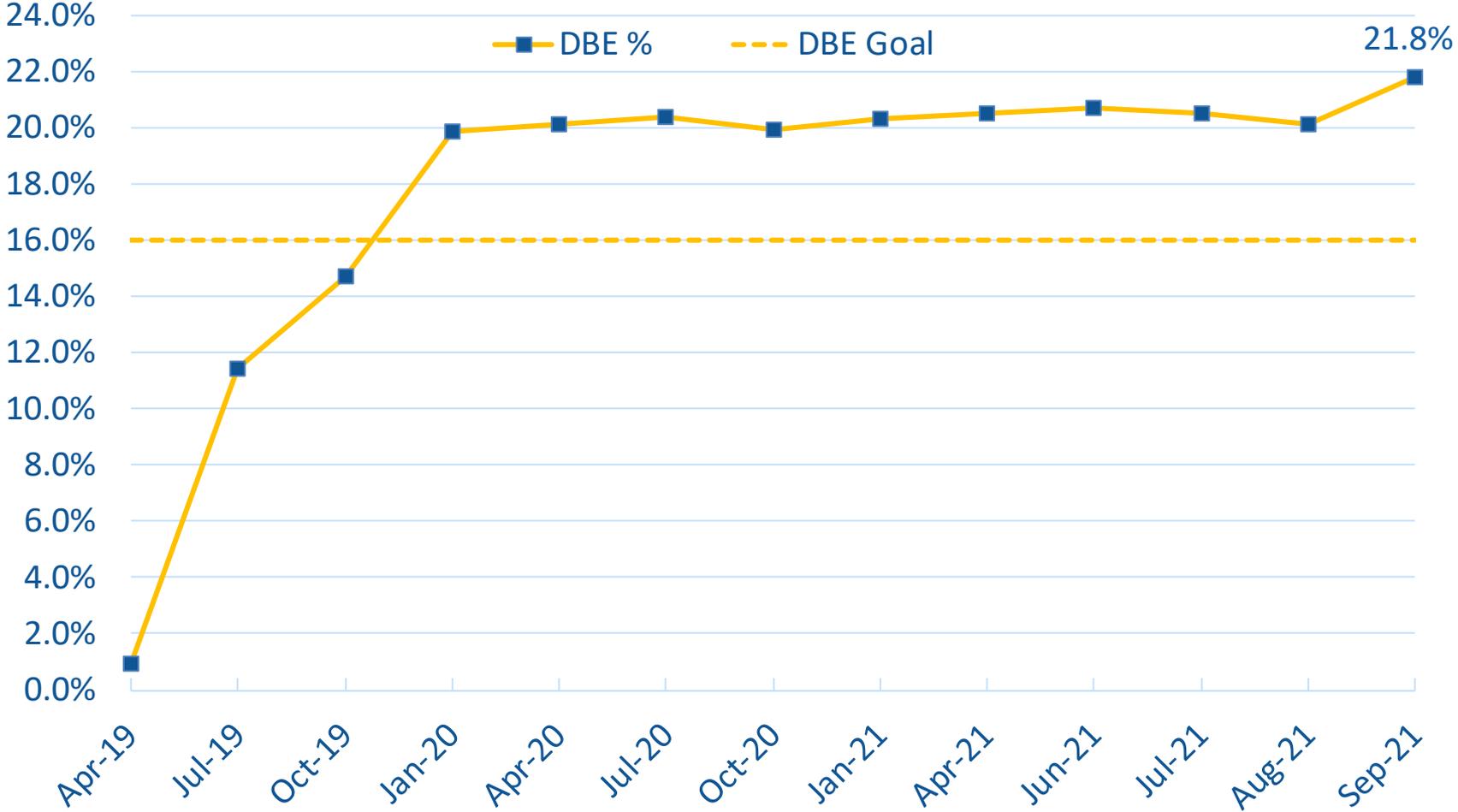
DBE and Workforce Update

Jon Tao
Met Council's Office of Equal Opportunity

DBE Achievement as of Sept. 30, 2021

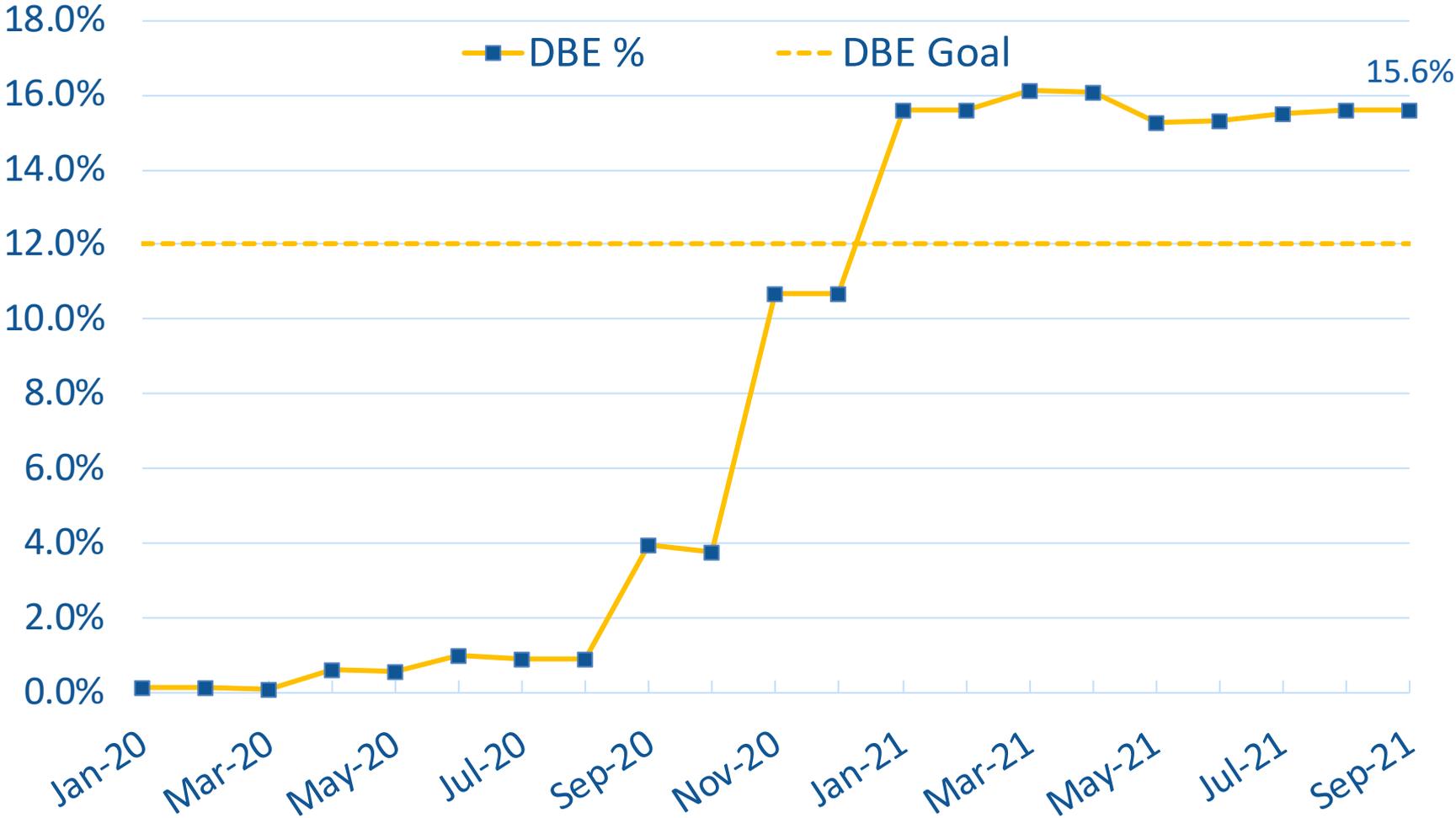
Contractor	Contract Description	Contract Amount	Contractor Billed to Date	DBE Billed to Date	DBE Date %	As of Date
LMJV 16% Goal	Civil	\$958,072,792	\$570,105,484	\$124,278,929	21.8%	9/30/21
APJV 12% Goal	Systems	\$196,255,388	\$64,432,043	\$10,068,764	15.6%	9/30/21
LS Black 15% Goal	Franklin O&M Exp.	\$39,609,230	\$37,518,344	\$7,110,561	19.0%	9/30/21
17% Goal	Closed Contracts	\$404,992	\$404,992	\$74,610	18.4%	
		Contract Amount	Billed to Date	\$ DBE to Date	% DBE to Date	
15% Goal		\$1,194,342,402	\$672,460,863	\$141,532,864	21.0%	

Civil DBE Participation as of Sept. 30, 2021



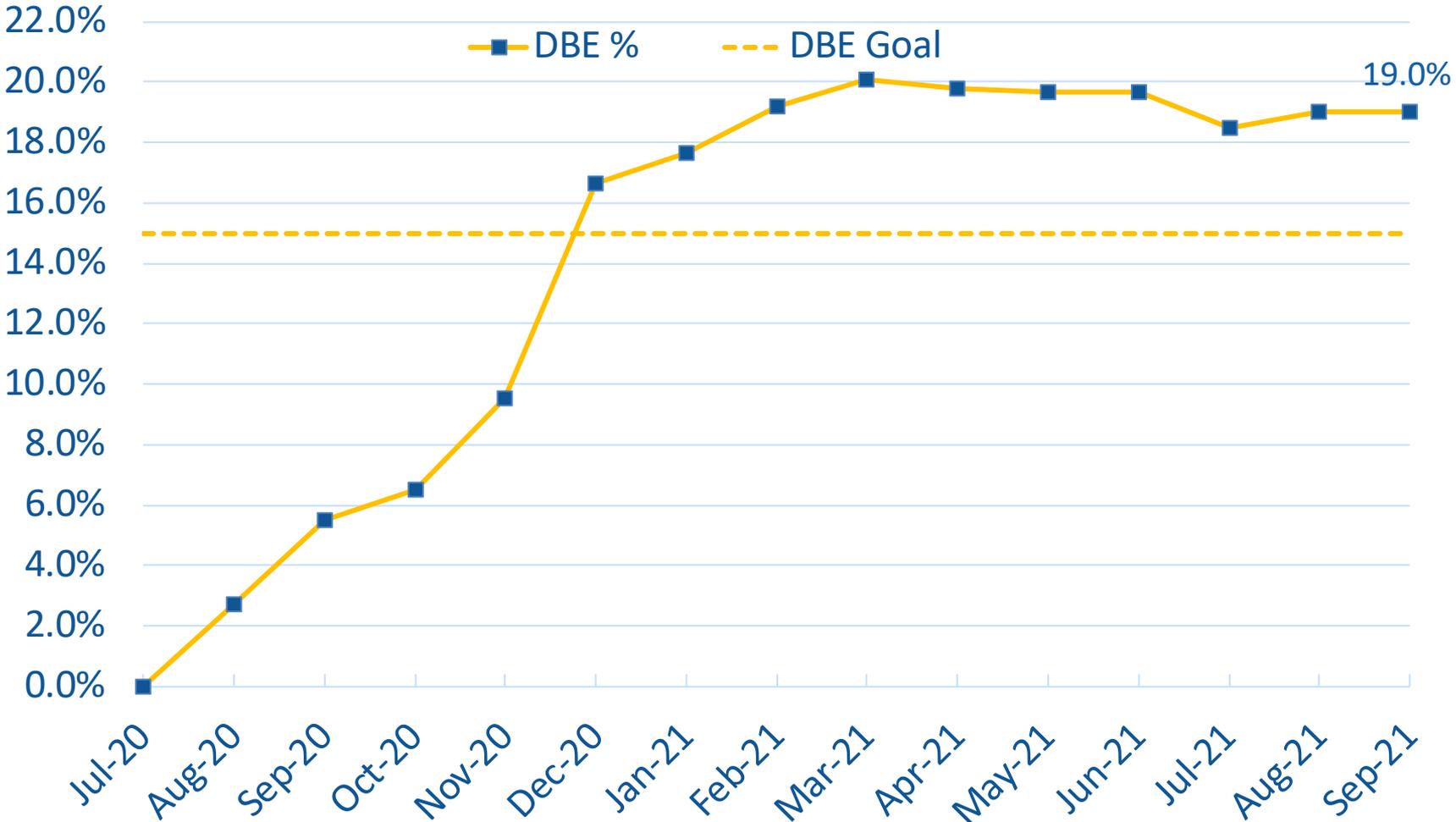
*DBE Goal for the Civil Contract is 16%

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

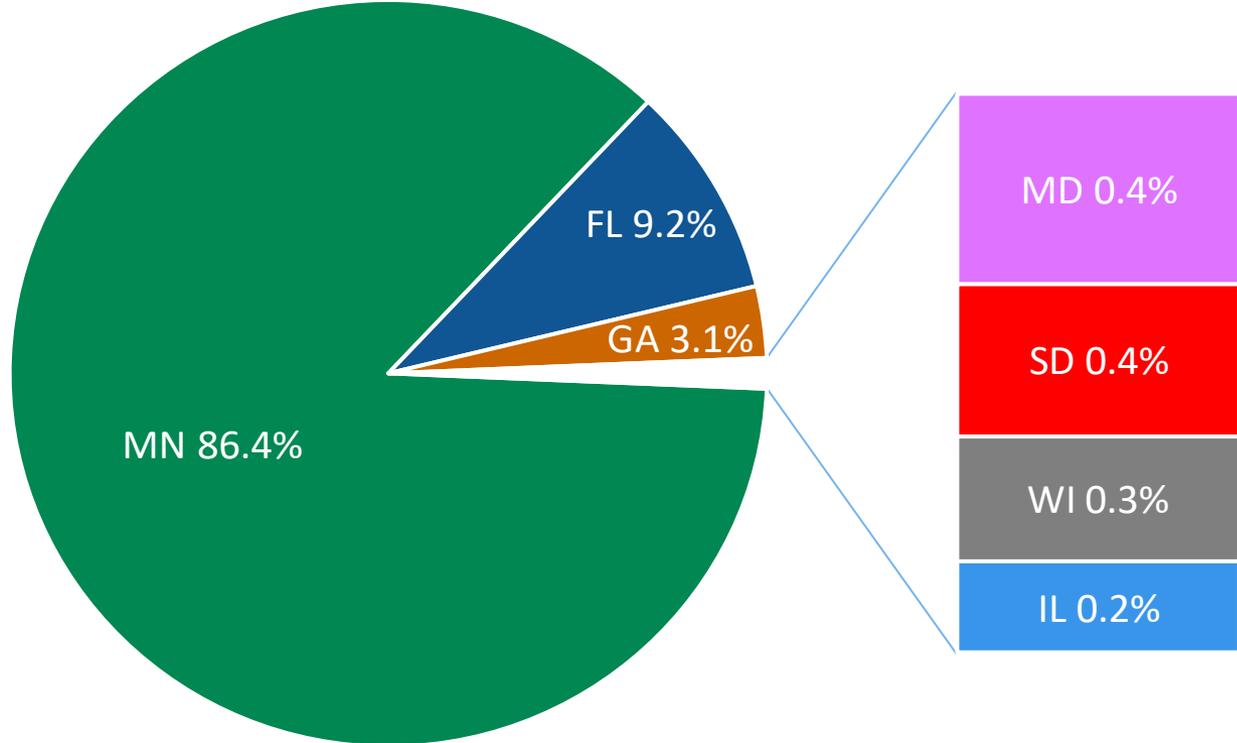
Ethnic Group	Women		Men		Total	
Asian Pacific	\$ 277,743	0.02%	\$ 40,021,329	3.35%	\$ 40,299,072	3.37%
Asian Subcontinent	\$	0.00%	\$ 1,900,001	0.16%	\$ 1,900,001	0.16%
Black	\$ 43,369	0.00%	\$ 9,227,926	0.77%	\$ 9,271,295	0.78%
Hispanic	\$ 727,600	0.06%	\$ 28,726,050	2.41%	\$ 29,453,650	2.47%
Native American	\$ 3,812,256	0.32%	\$ 18,538,811	1.55%	\$ 22,351,067	1.87%
White Women	\$ 119,382,198	10.00%			\$ 119,382,198	10.00%
DBE Contracts Total					\$ 222,657,282	18.64%

*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:

State	Totals
MN	\$ 192,316,224
FL	\$ 20,500,000
GA	\$ 6,907,529
MD	\$ 1,000,000
SD	\$ 795,000
WI	\$ 659,526
IL	\$ 479,004

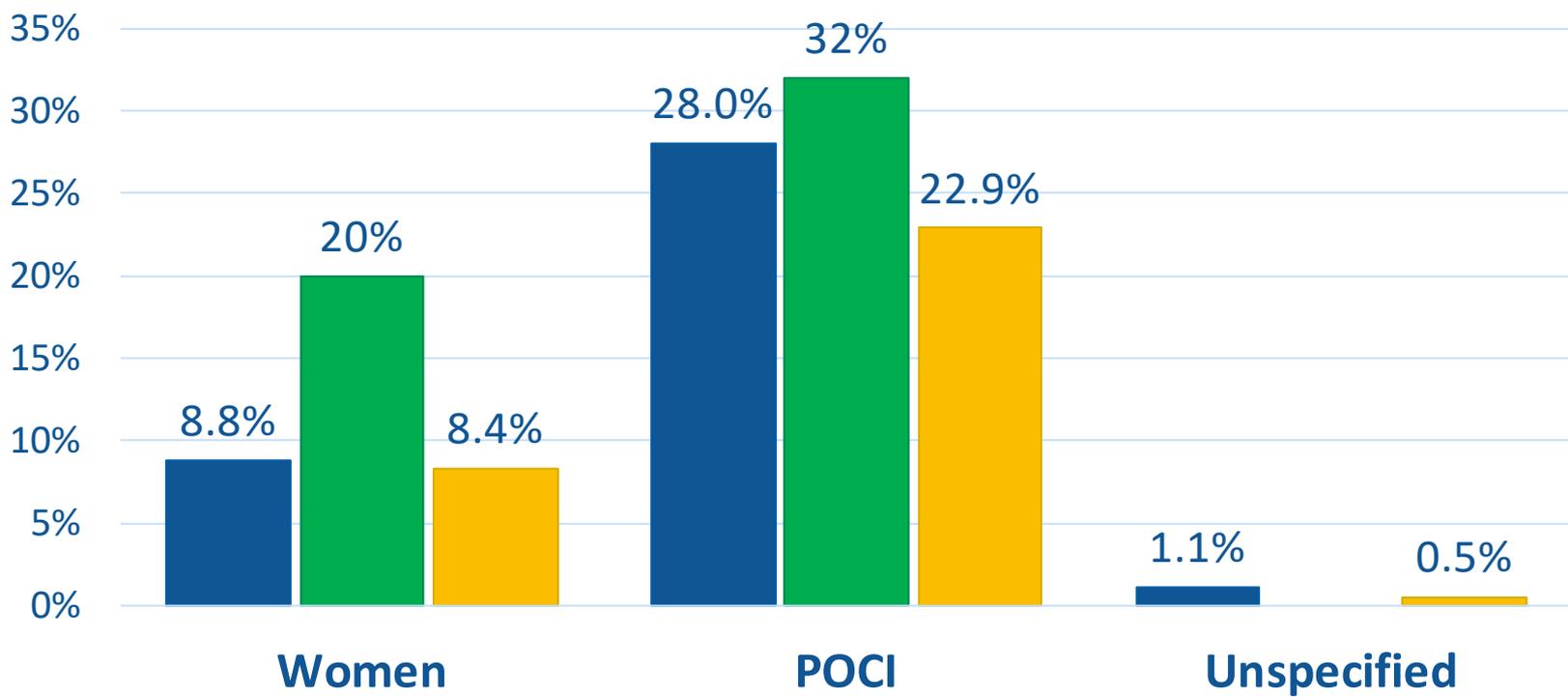


*Contract values for Civil, Systems, Franklin O&M, and OMF Demolition as of Sept 30, 2021

Workforce Participation Report

Civil Workforce Participation Percentage*

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

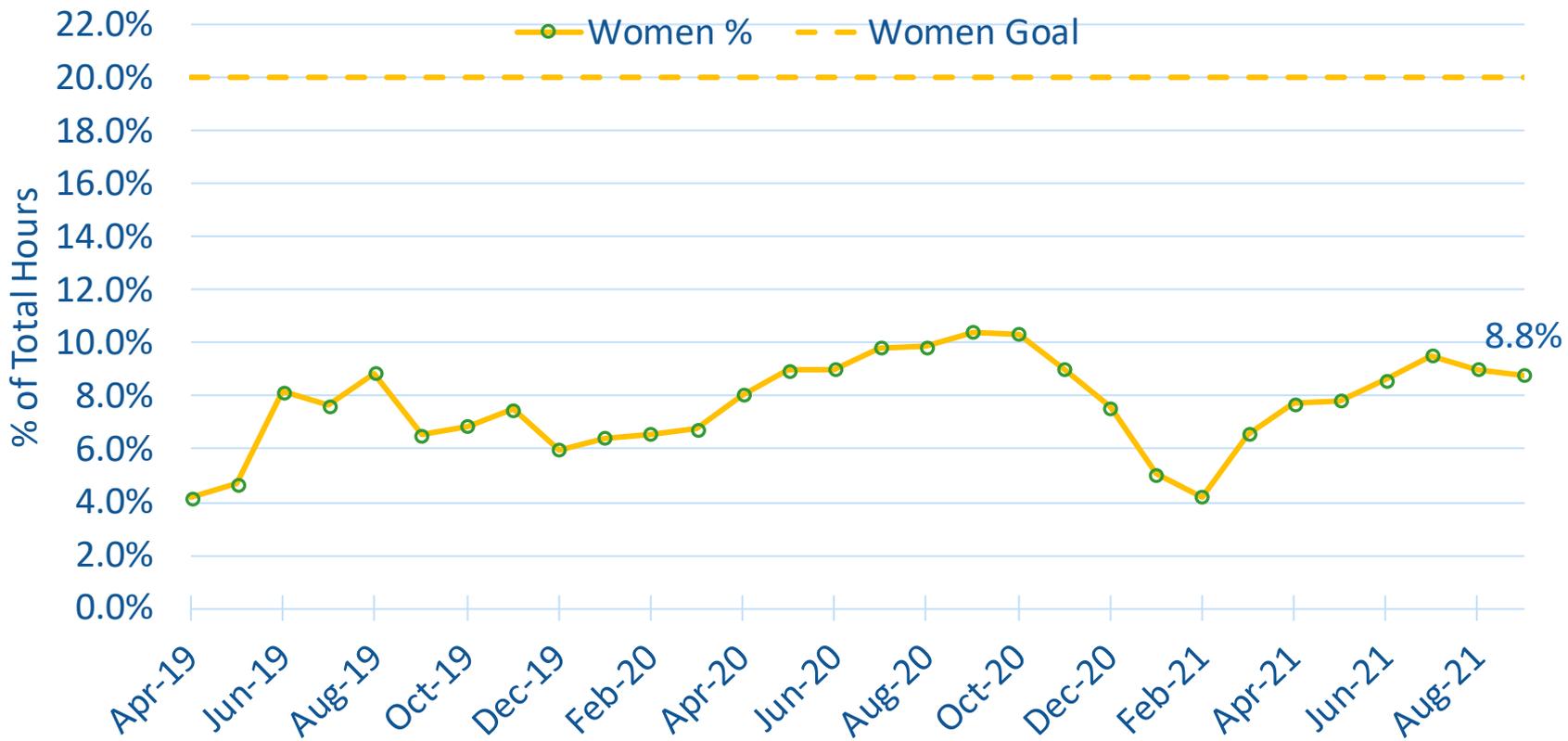


■ Monthly LMJV % ■ Goal % ■ Contract % To Date

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

Monthly Civil Workforce Participation*

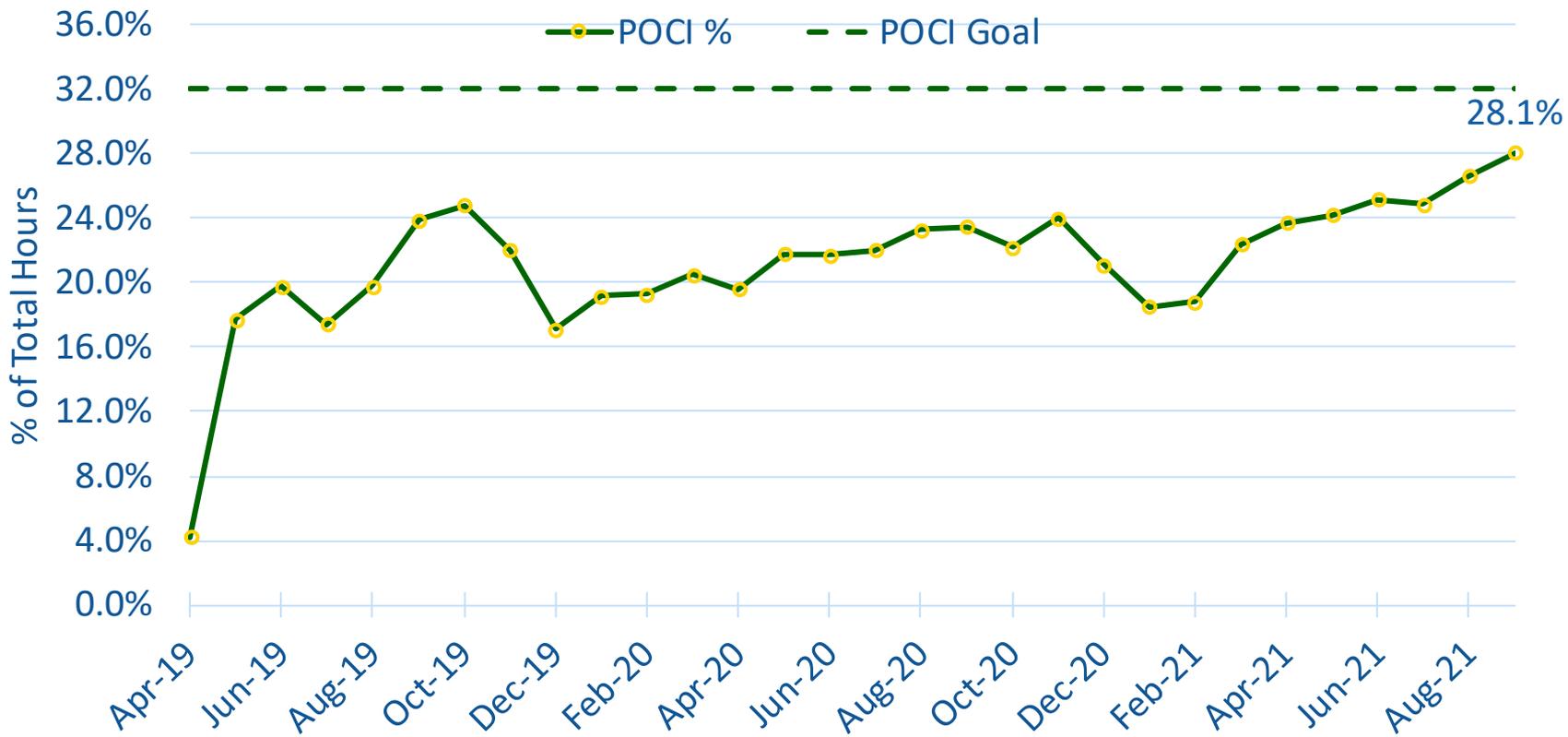
- Total Women hours to date: 136,572 hrs
- Cumulative participation: 8.4%



*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%)

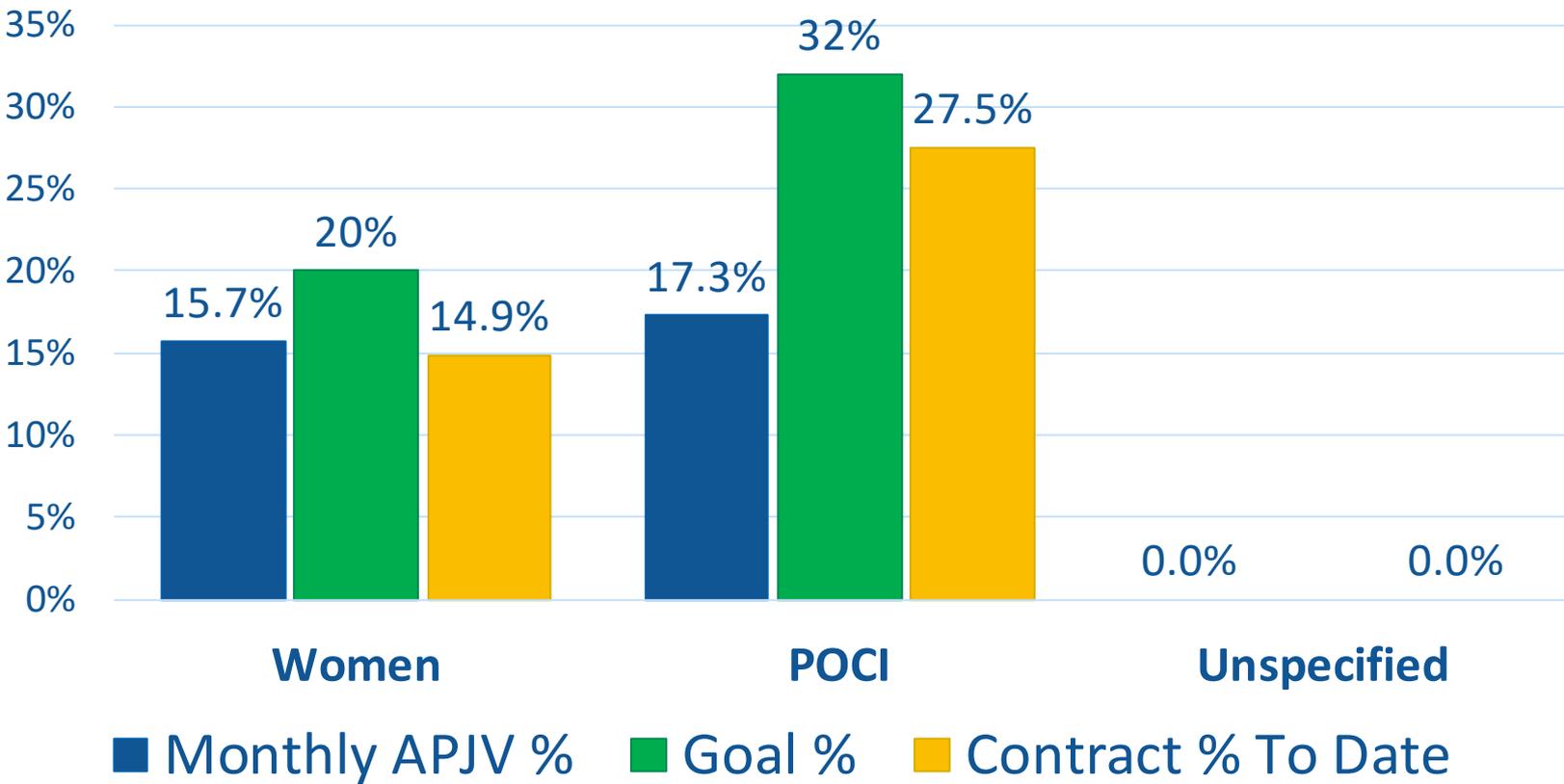
Ethnic Group	Women	Women %	Men	Men %	Total	Total %
Asian	368	0.0%	48,766	3.0%	49,134	3.0%
Black	21,064	1.3%	78,085	5%	99,149	6.0%
Hispanic	4,678	0.3%	164,471	10.0%	169,148	10.3%
Multi-racial	700	0.0%	22,909	1.4%	23,609	1.4%
Native American	12,741	0.8%	22,440	1.4%	35,181	2.1%
Not Specified	135	0.0%	8,742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

*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%)

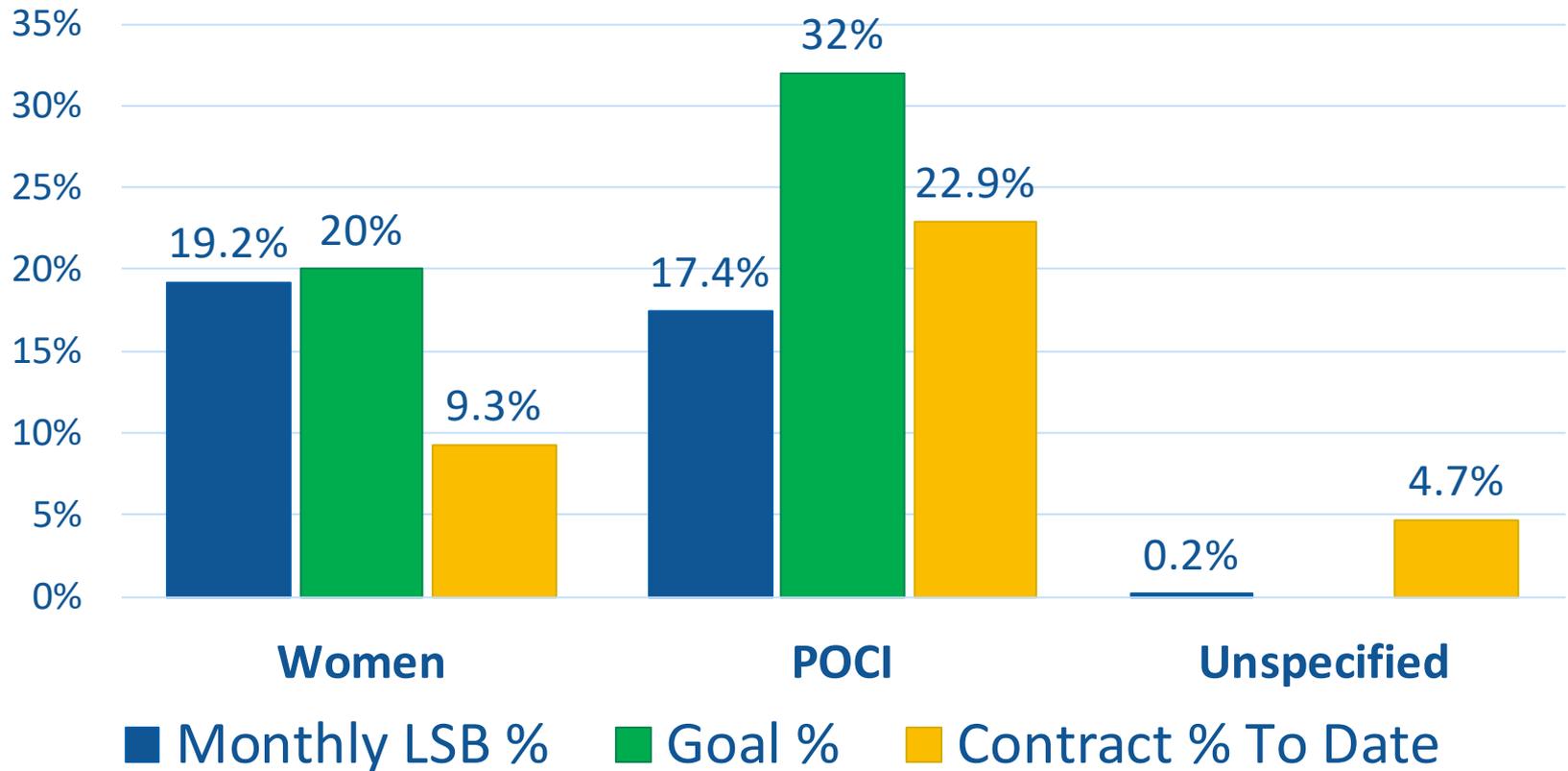
Ethnic Group	Women	Women %	Men	Men %	Total	Total %
Asian	0	0.0%	344	27.5%	344	27.5%
Black	0	0.0%	0	0%	0	0.0%
Hispanic	0	0.0%	0	0.0%	0	0.0%
Multi-racial	0	0.0%	0	0.0%	0	0.0%
Native American	0	0.0%	0	0.0%	0	0.0%
Not Specified	0	0.0%	0	0.0%	0	0.0%
White	187	14.9%	722	57.7%	908	72.5%

*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*

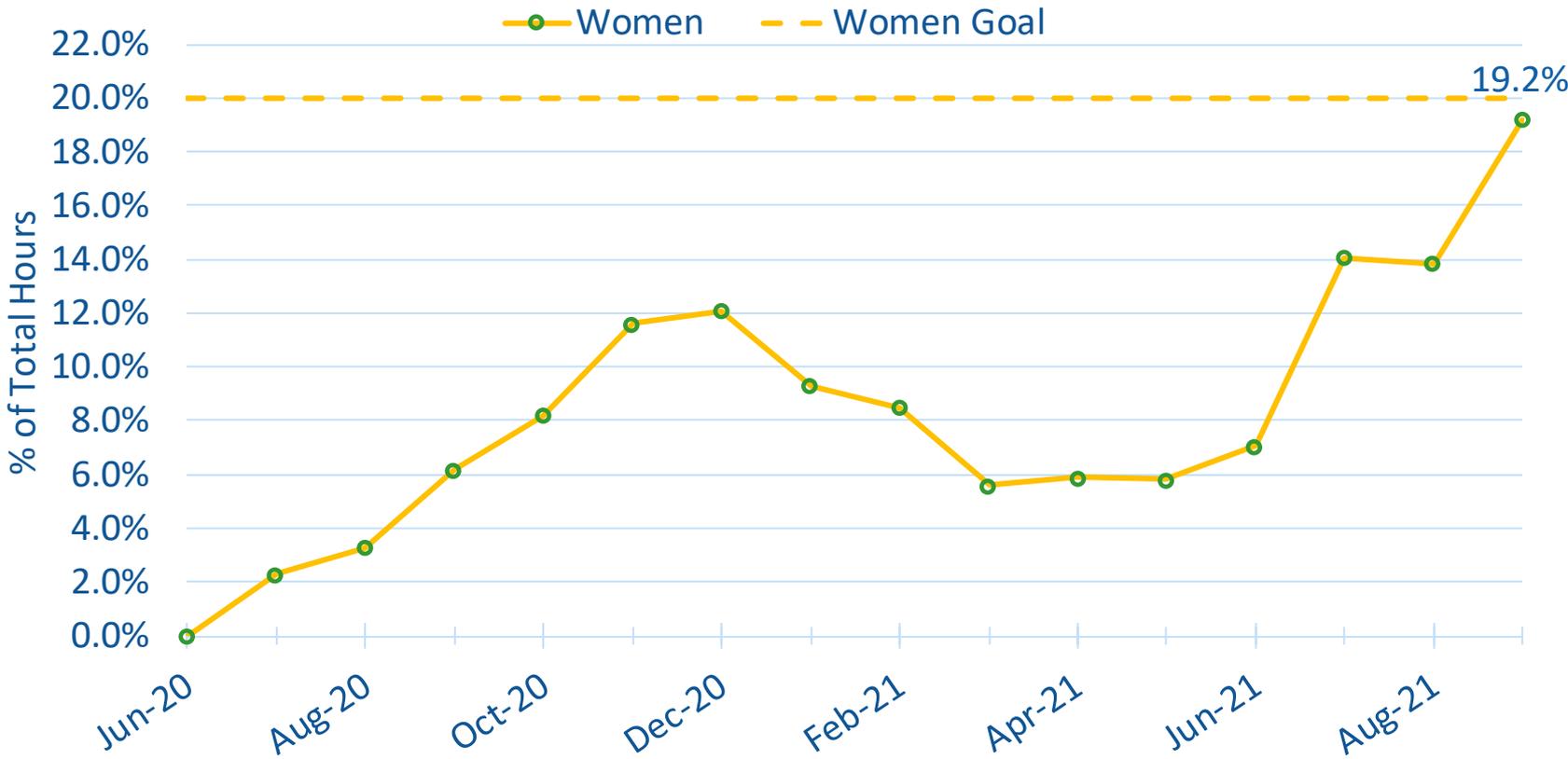
- September 2021: 3,415 hrs
- Franklin O&M Construction Total: 100,702 hrs



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

Monthly Franklin O&M Workforce Participation*

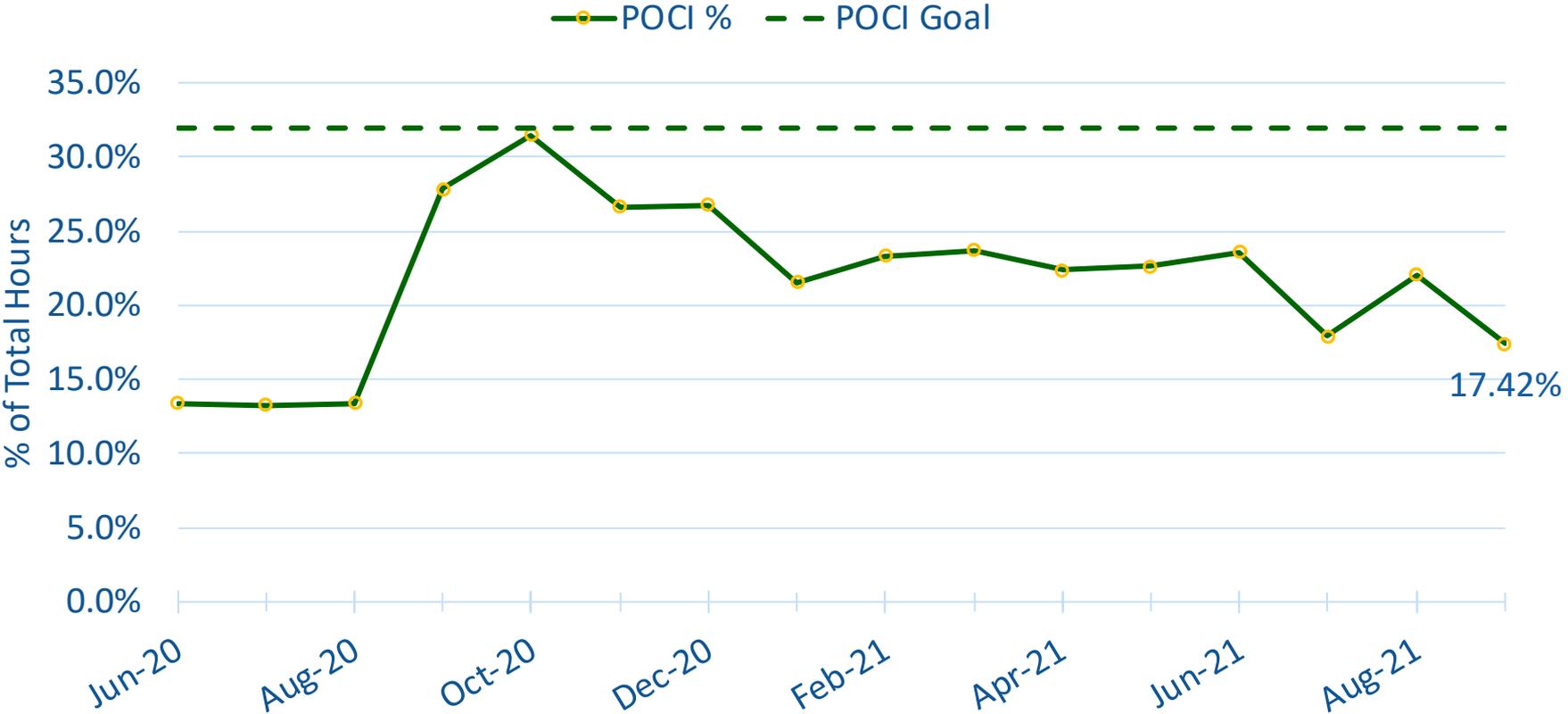
- Total Women hours to date: 9,384 hrs
- Cumulative participation: 9.3%



*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%)

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

*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.”



Louisiana Ave in St. Louis Park



Excelsior in Hopkins



Golden Triangle in Eden Prairie

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.)



Stay Updated!

Online:

SWLRT.org

Twitter:

@SouthwestLRT

Flickr:

[flickr.com/photos/metcouncil/albums](https://www.flickr.com/photos/metcouncil/albums)

Facebook:

@MetropolitanCouncil

Instagram:

@southwest_lrt

