

SOUTHWEST

Green Line LRT Extension



# SWLRT Project Update

January 8, 2020



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

# Today's Topics

- Project Update
- SWLRT Construction
  - 2019 Progress
  - 2020 Look Ahead
- DBE and Workforce Update
- Communications & Outreach



# Overall Project Schedule

	2011-2015	2016	2017	2018	2019	2020	2021	2022	2023
Project Development									
Engineering		ROD		AROD					
Construction				LONP #1	LONP #2	FFGA			
LRV Design, Production & Testing									
Fare Collection Production & Testing									
Integration Testing									
Revenue Operations									

ROD – Record of decision, AROD – Amended Record of Decision, LONP – Letter of No Prejudice, FFGA – Full Funding Grant Agreement

# 2019 Major Milestones

- Civil Contract: Issue LNTP #2
- Submit FFGA Materials
- Receive Letter of No Prejudice #2 from FTA for Civil and Systems
- Award Systems Contract
- Civil Contract: Issue LNTP #3
- Systems Contract: Issue LNTP #1
- Franklin O&M Contract: Issue Invitation for Bids
- Award SCADA Contract



# Real Estate Acquisition Status

- Total parcels: 191
- Public parcels: 42
  - Acquired deed/easement: 42
    - All public parcels completed
- Private parcels: 149
  - 61 parcel acquisitions complete
  - 88 parcels with Title and Possession, awaiting settlement or Commissioner's Hearing

# Real Estate Relocation Status

- Total displacees: 177
  - 149 displacees relocation and claims closed out
  - 5 displacees have appealed our final determination of claim eligibility, pending review by Administrative Law Judge
  - 23 displacee claims being finalized

# 2019 Construction Progress

# 2019 Construction Activities

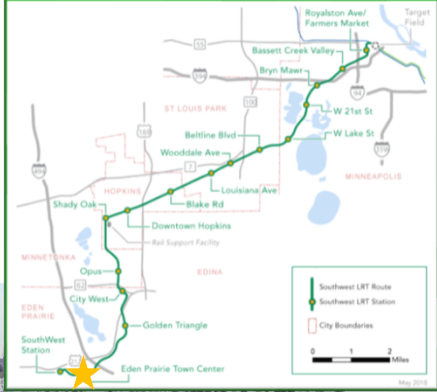
- Bridges: 15 of 29 bridges underway
- Tunnels: 4 of 8 tunnels underway
  - Highway 62: LRT
  - Blake Rd: Pedestrian
  - Louisiana Station: Pedestrian
  - Kenilworth: LRT
- Stations: 4 of 16 stations under construction
  - SouthWest, Golden Triangle, Shady Oak, Downtown Hopkins
- Building demos: 15 total
  - 10 completed, 2 underway, 3 more planned
- Retaining walls
  - 24 of 130 walls under construction

# Eden Prairie: Temporary Bus Passenger Waiting Area at SouthWest Station



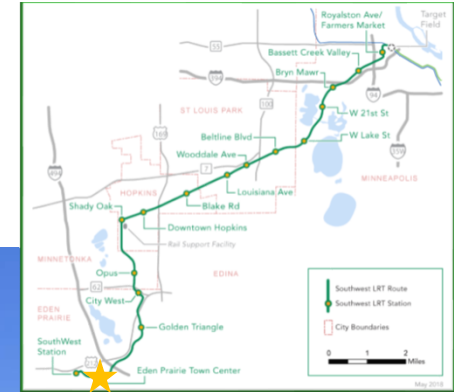


# Eden Prairie: Pile Supported Retaining Wall at SouthWest Station





# Eden Prairie: LRT Bridge Pier at Prairie Center Drive

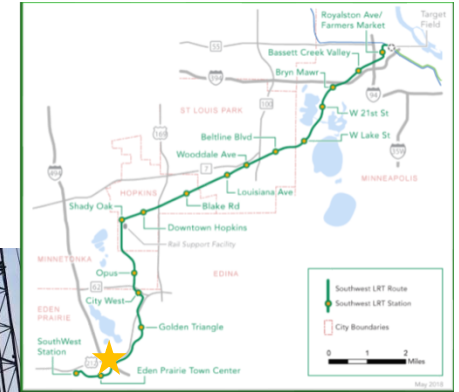


# Eden Prairie: Retaining Wall at Eden Prairie Town Center Station



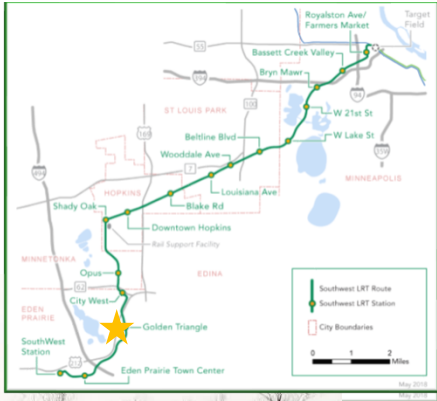


# Eden Prairie: LRT Bridge Piers at Valley View Road



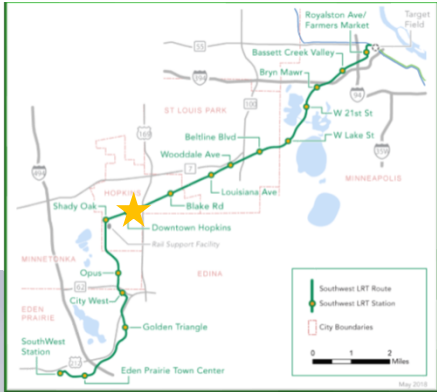


# Eden Prairie: Golden Triangle Station Foundation

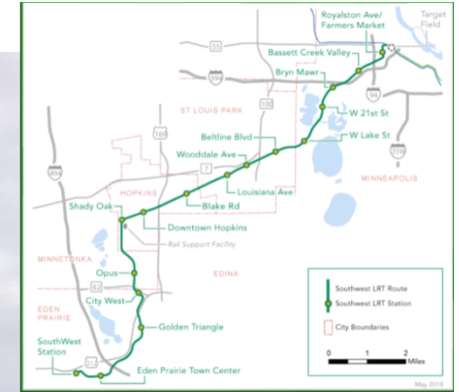




# Downtown Hopkins Station Foundation

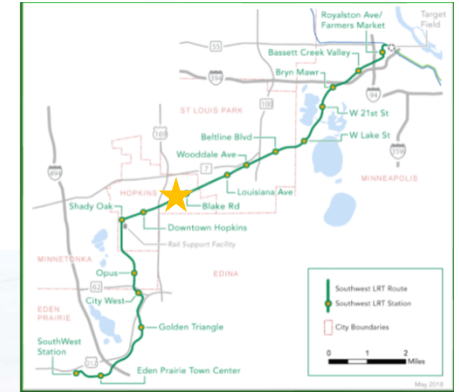


# Hopkins: Freight Track Shift at Excelsior Boulevard



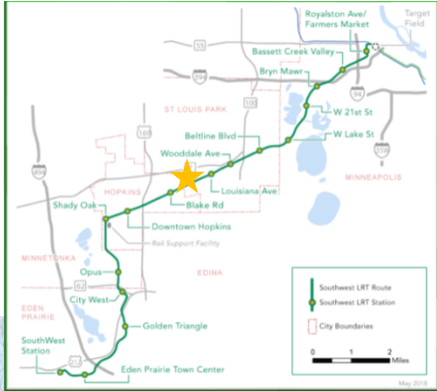


# Hopkins: Pedestrian Tunnel at Blake Road Station



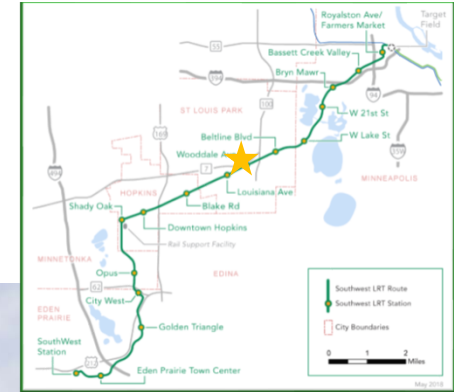


# St. Louis Park: Pedestrian & Freight Bridge Abutments at Minnehaha Creek

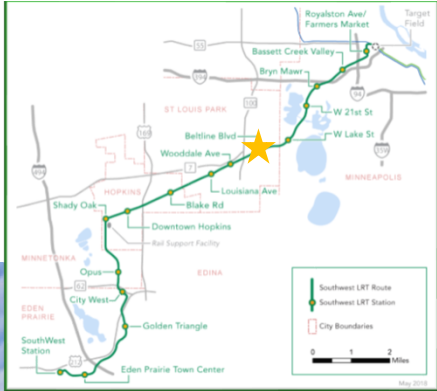




# St. Louis Park: Pedestrian & Freight Bridge Abutments at Louisiana Ave

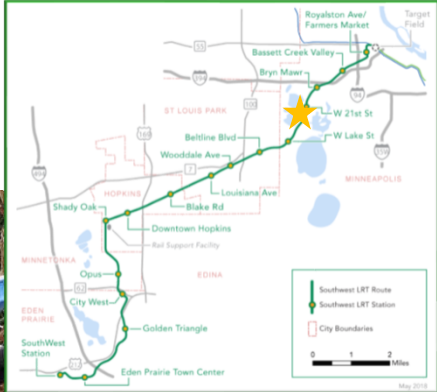


# St. Louis Park: Pedestrian Bridge Piers & Decking at Beltline Blvd



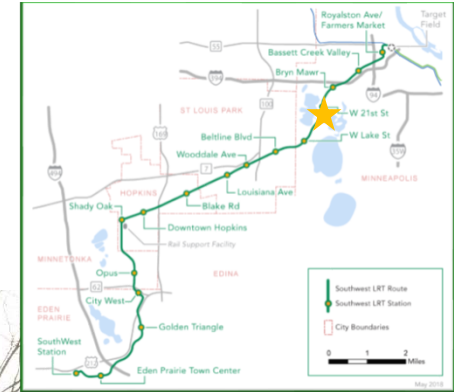


# Minneapolis: Kenilworth Tunnel Sheeting



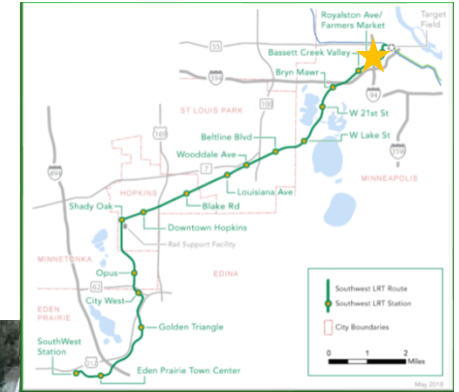


# Minneapolis: Freight Bridge Piers & Decking Over Cedar Lake Channel





# Minneapolis: CenturyLink Duct Bank Relocation at Glenwood Ave Bridge





# Minneapolis: LRT Bridge Pier at Royalston Avenue



# 2020 Construction Look Ahead

- Construction on all 16 LRT stations
- Large part of freight track complete and the start of LRT trackwork
- SouthWest Transit operating out of the temporary waiting area
- Kenilworth tunnel complete through Cedar Lake Parkway
- Freight bridges complete in Bass Lake Spur and Kenilworth Corridor

# Light Rail Vehicle Update

# Light Rail Vehicle Update

- Production progress
  - Completed 27 girder sets
  - Completed car shell production for LRVs 301-322
  - Completed car shell finishing for LRVs 301 and 302
  - Continued LRV final assembly for LRVs 301 and 302



# Light Rail Vehicle Contract

LRV 301 in continuity testing bay





# Light Rail Vehicle Contract

LRV 302  
ready for  
installation  
of roof  
assembly



# Systems Contract



# Systems Contract Overview

- Contract Award: Sept 18, 2019
- Contractor: Aldridge-Parsons, a Joint Venture
- Contract Value: \$194,411,000



**PARSONS**

Aldridge: HQ in Libertyville, IL

- Lead contractor for Systems on CCLRT
- Engaged in utility, transportation and commercial/industrial projects across the US with an emphasis on electrical and communications systems

Parsons Corporation: HQ in Centerville, VA

- Technology focused contractor engaged in defense, intelligence, security and infrastructure engineering
- Experienced in systems integration and project planning

# Systems Contract Scope

- 20 traction power substations
  - Design, fabricate and install
- Overhead contact system
  - Poles, hangers, cabling
- Tunnel facilities
  - Ventilation, fire suppression, lighting
- Communications
  - Network, voice, paging, cameras
- Wayside signaling system
  - Signals, interlockings, crossings
- Testing and Integration





# DBE and Workforce Update

# DBE and Workforce Description

- DBE participation is measured by the dollars paid to disadvantaged small businesses
  - DBE goal for civil: 16%
- Workforce participation is measured by the hours worked on the project by skilled workers
  - Workforce goals for civil:
    - POC: 32%
    - Women: 20%
- They work together to support the Council's equity commitments to the region



# DBE Achievement: Professional Services

Contractor	Contract Description	Contract Amount	\$ DBE Goal	Billing to Date	\$ DBE to Date	% DBE to Date	Date
AECOM 19% Goal	Advanced Design	\$119,654,545	\$22,782,225	\$110,648,687	\$21,556,354	19.48%	10/31/19
HNTB 17% Goal	Peer Review	\$3,006,044	\$511,027	\$2,856,053	\$379,942	13.30%	4/30/19
Perkins+Will 19% Goal	Kenilworth Landscape	\$449,638	\$85,431	\$409,153	\$109,563	26.78%	8/31/19
Merjent 17% Goal	Phase III Arch. Rec.	\$1,320,141	\$224,424	\$1,249,966	\$228,331	18.27%	10/31/19
SEH 15% Goal	Monitoring Cont. Matl.	\$2,145,606	\$321,841	\$438,512	\$98,324	22.42%	9/30/19
17% Goal	Closed Contracts	\$43,550,039	\$7,351,986	\$40,301,148	\$7,335,976	18.20%	
		Contract Amount	\$ DBE Goal	Billing to Date	\$ DBE to Date	% DBE to Date	
DBE Totals to Date* (18.38% Goal)		\$170,126,013	\$31,276,935	\$155,903,520	\$29,708,490	19.06%	

\* As of October 31, 2019, totals include active and closed out contracts with DBE requirements

# DBE Achievement: Construction

Contractor	Contract Description	Contract Amount	\$ DBE Goal	Billing to Date	\$ DBE to Date	% DBE to Date	Date
LMJV 16% Goal	Civil	\$802,067,738	\$128,330,838	\$107,607,014	\$15,850,333	14.73%	10/31/19
Veit 17% Goal	OMF Demo	\$404,992	\$68,849	\$399,225	\$74,610	18.69%	7/31/19
Braun 15% Goal	QMS	\$36,003,364	\$5,400,505	\$2,569,603	\$293,617	11.43%	10/31/19
APJV 12% Goal	Systems	\$194,411,000	\$23,329,320	\$5,500,000	\$0	0.00%	10/31/19
		Contract Amount	\$ DBE Goal	Billing to Date	\$ DBE to Date	% DBE to Date	
DBE Totals to Date (15.21% Goal)		\$1,032,887,093	\$157,129,511	\$116,075,841	\$16,218,560	13.97%	

\* As of October 31, 2019, totals include active and closed out contracts with DBE requirements

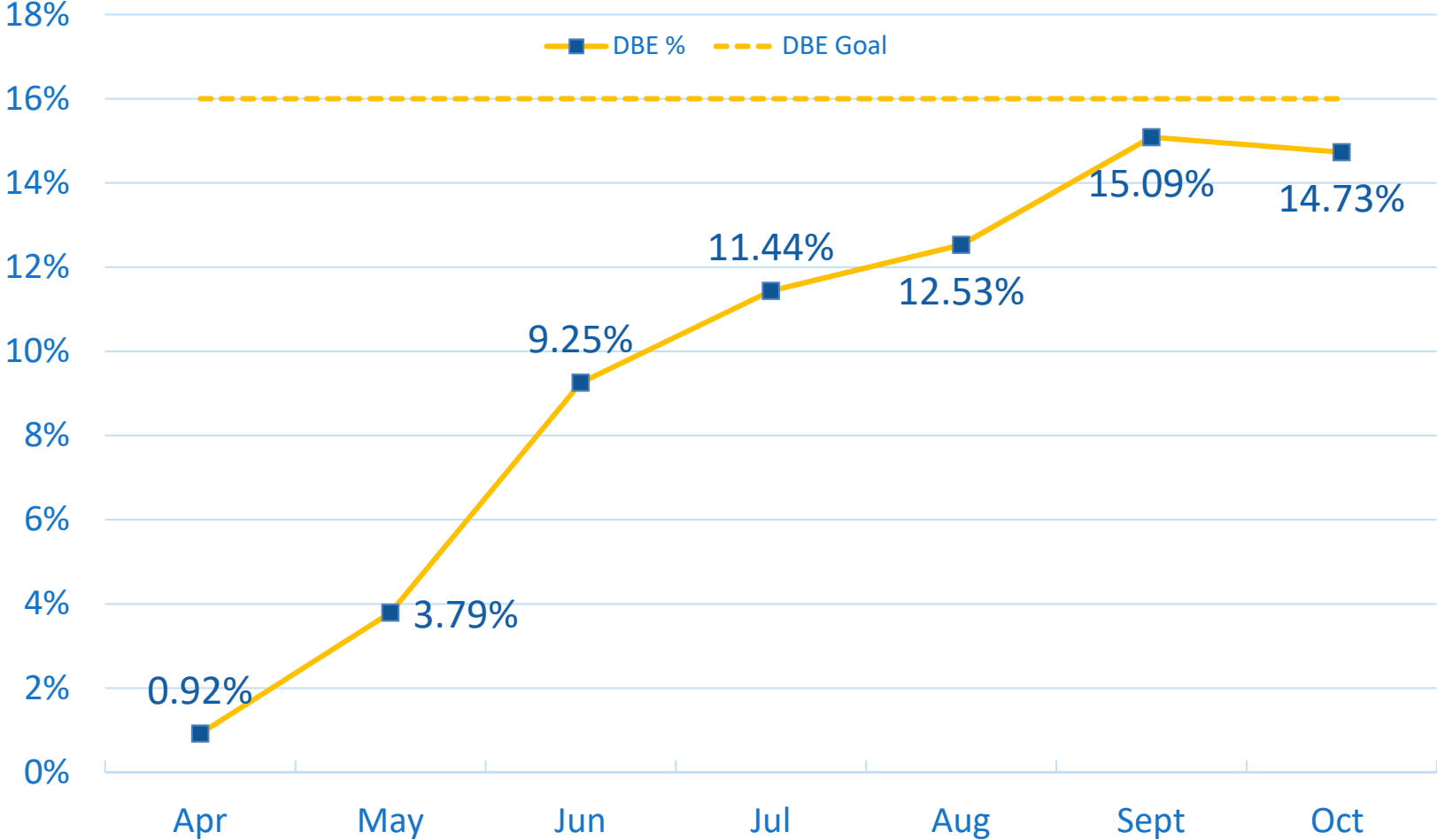


# DBE Achievement: Project Totals

Service	Contract Amount	\$ DBE Goal	Billing to Date	\$ DBE to Date	% DBE to Date
Professional Services* 18.38% Goal	\$170,126,013	\$31,276,935	\$155,903,520	\$29,708,490	19.06%
Construction 15.21% Goal	\$1,032,887,093	\$157,129,511	\$116,075,841	\$16,218,560	13.97%
	Contract Amount	\$ DBE Goal	Billing to Date	\$ DBE to Date	% DBE to Date
DBE Totals to Date (15.66% Goal)	\$1,203,013,106	\$188,406,446	\$271,979,361	\$45,927,050	16.89%

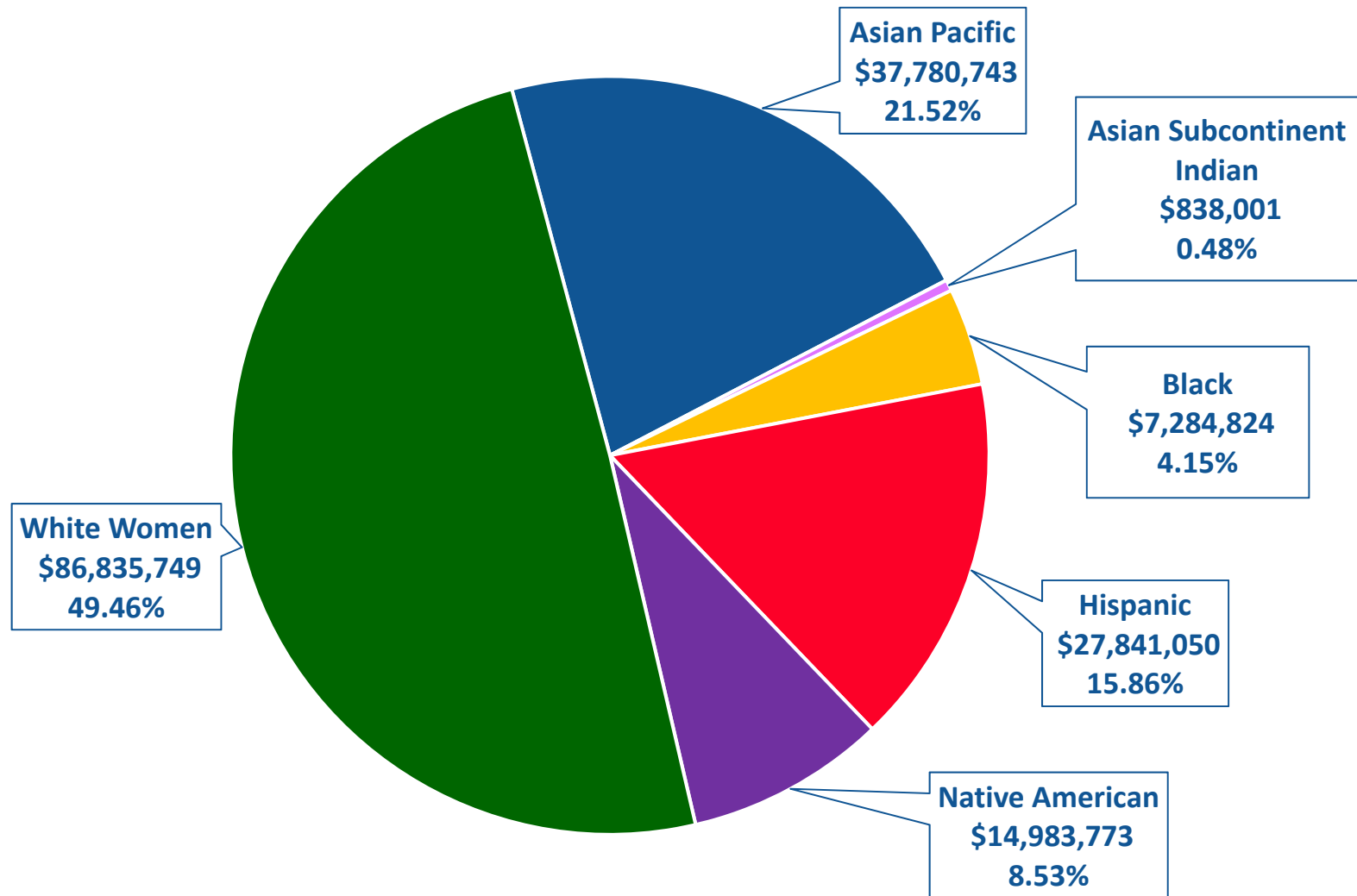
\* As of October 31, 2019, totals include active and closed out contracts with DBE requirements

# Civil DBE Payments as of Oct. 31, 2019



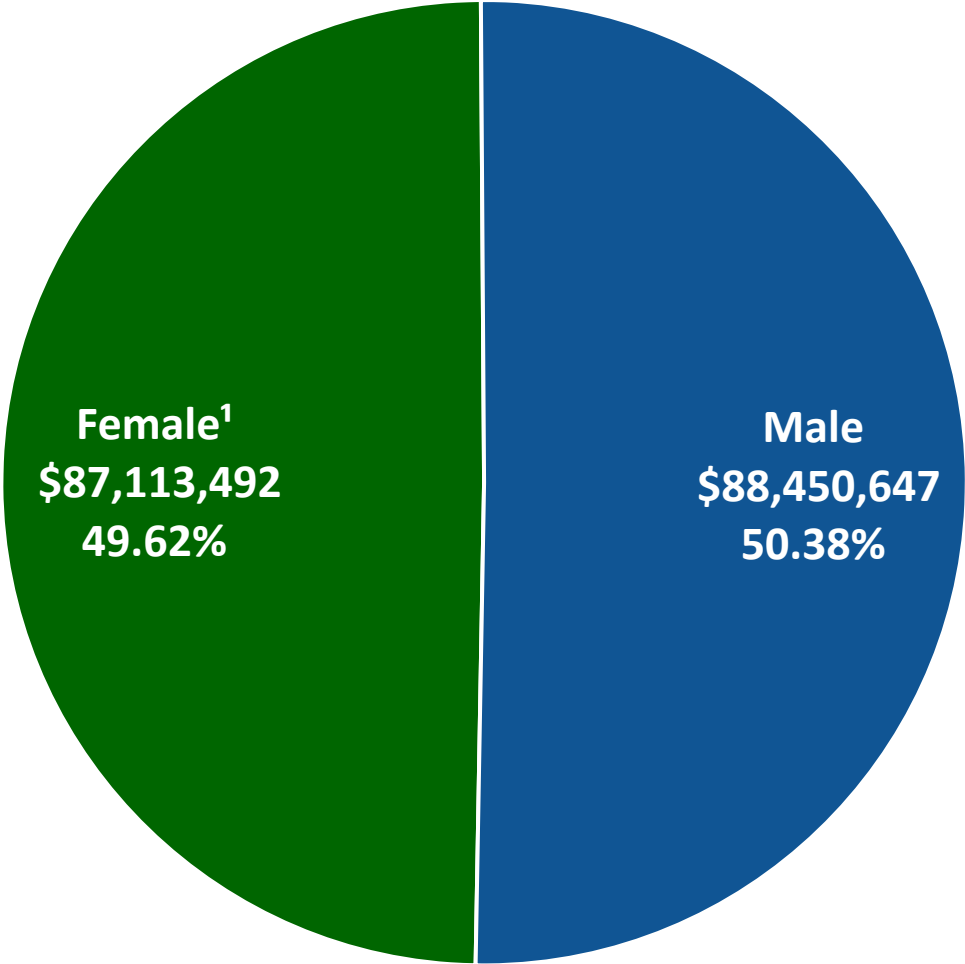


# Civil DBE Participation by Ethnicity\*



\*Based on DBE contract values as of December 3, 2019

# Civil DBE Participation by Gender\*



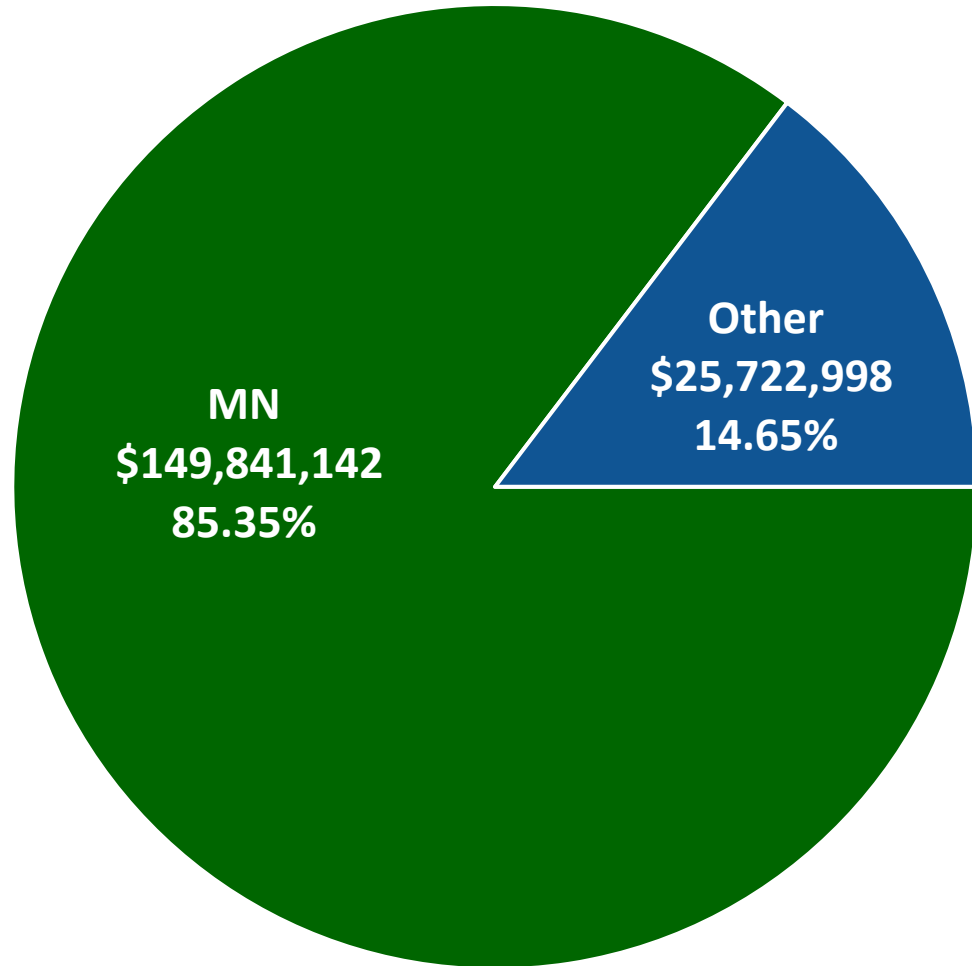
\*Based on DBE contract values as of December 3, 2019

<sup>1</sup>Includes white women and women of color



# Civil DBE Participation by State\*

State	Contract Values
MN	\$ 149,841,142
FL	\$ 20,548,950
GA	\$ 2,894,218
SD	\$ 795,000
WI	\$ 659,526
IL	\$ 479,004
MD	\$ 346,300



\*Based on DBE contract values as of December 3, 2019

# DBE Activities by LMJV

- Mentoring of DBE's
- Actively pursuing DBE participation in change orders
- Providing cash flow assistance to DBEs
- Hosted first SWLRT Small Business Workshop





# Workforce Goals

- MN Department of Human Rights (MDHR) sets the goals for workforce participation for women and people of color on all state-funded or state-assisted construction contracts with a value over \$100,000
- For Hennepin and Ramsey Counties, workforce participation goals are:
  - 32% People of Color
  - 20% Women

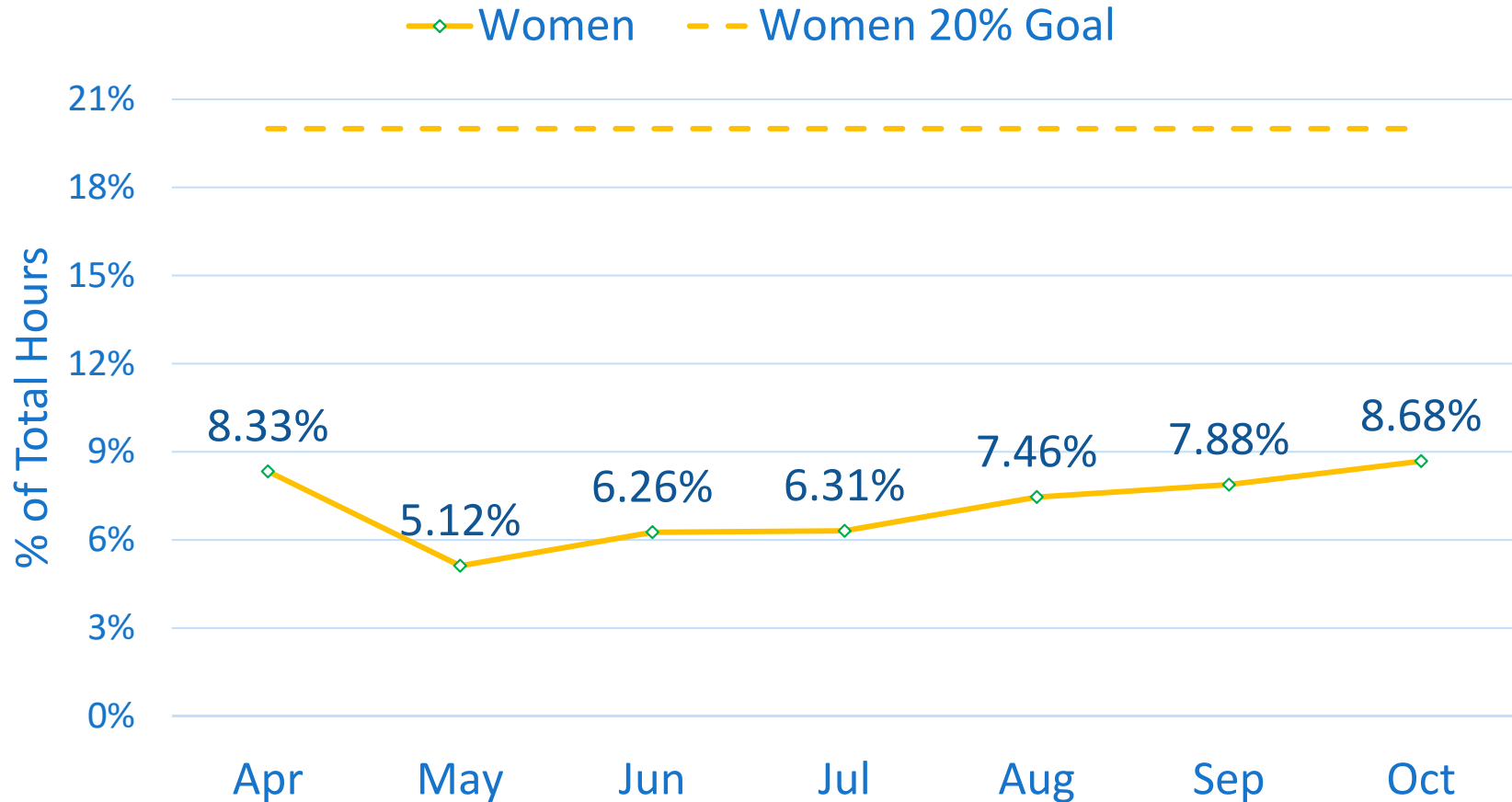
# MDHR Project Monitoring

- Project submittals:
  - Pre-construction packet with subcontractor workplans
    - Indicates projected hours for prime and subcontractors
  - Document Good Faith Efforts (GFE) to meet goals
  - Monthly reporting on workforce participation and Good Faith Efforts
    - Opportunity to address underutilization, if occurring, contractor must submit their GFEs on addressing underutilization
- On-site visits:
  - Audit contractors' Affirmative Action Plans
  - Interview construction workers; interviews are confidential



# Workforce Participation Cumulative: Women

- Civil Construction Total: 77,371 hours



\*Based on MDHR Workforce Report for October 31, 2019

# Workforce Participation Cumulative: POC

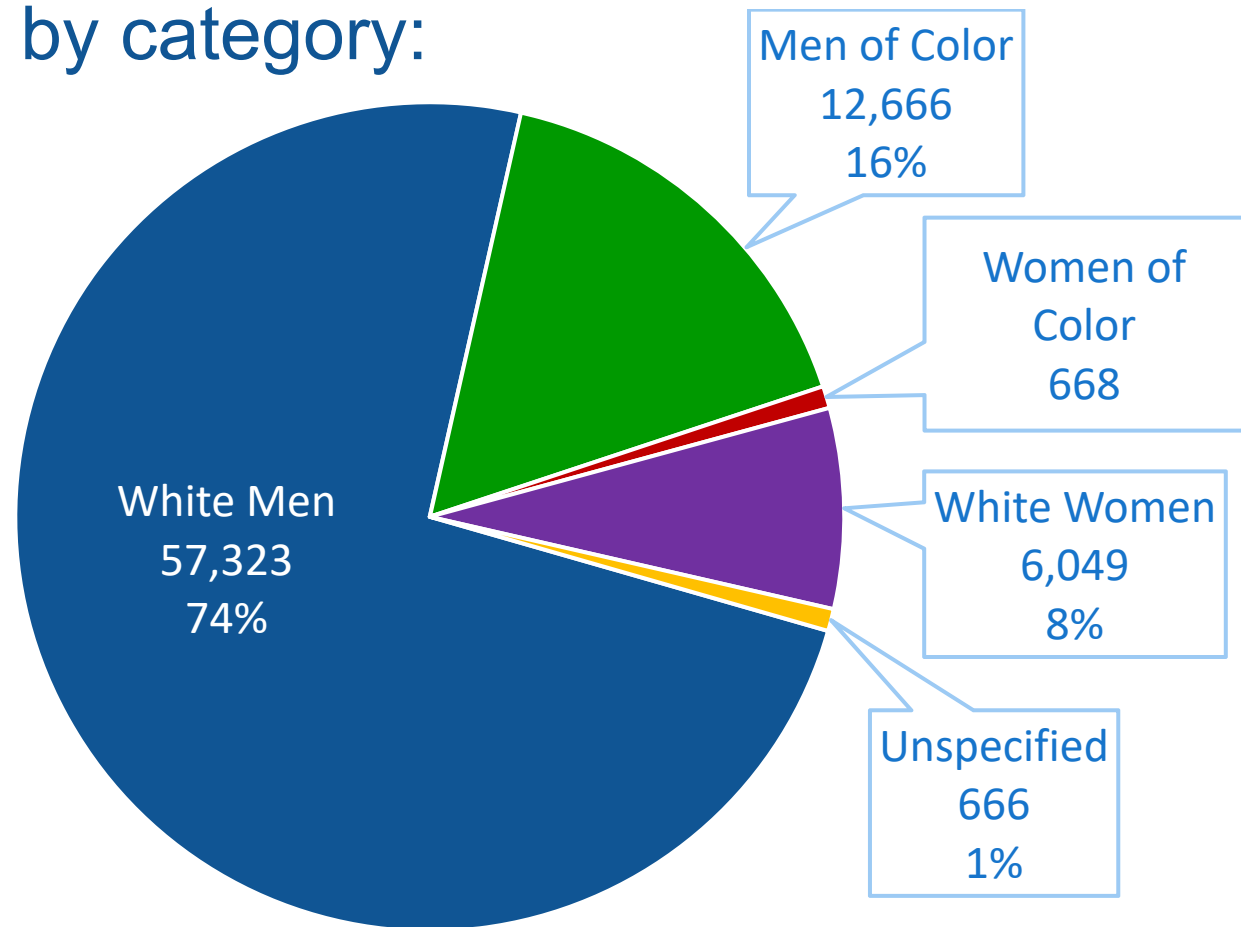
- Civil Construction Total: 77,371 hours



\*Based on MDHR Workforce Report for October 31, 2019

# Workforce Participation Cumulative

- Civil Construction Total: 77,371 hours
- Hours worked by category:



\*Based on MDHR Workforce Report for October 31, 2019



# LMJV Workforce Activities

- Partnering with unions, community-based organizations and government agencies
- Proactively maintaining a welcoming culture for women & people of color
- Hiring and retaining women and people of color into key personnel positions
- Providing annual EEO/AA onsite training
- Conducting random EEO workforce site visits

# Construction Training Fair: January 22

- Minneapolis Urban League
  - 2100 Plymouth Ave. North  
Minneapolis, MN 55411
  - 3:00 – 6:00 PM
- 
- An opportunity to:
    - Learn about the METRO Green Line Extension
    - Learn about the various trades that will be needed for construction of the line
    - Talk to representatives from apprenticeship preparation programs
    - Apply for apprenticeship programs



Southwest Light Rail Transit (METRO Green Line Extension)

## CONSTRUCTION TRAINING FAIR

### TIME AND LOCATION:

January 22, 2020  
3:00 to 6:00 p.m.

Minneapolis Urban League  
2100 Plymouth Ave. North  
Minneapolis, MN 55411

### FOR MORE INFORMATION:

Contact Aaron Koski:  
612-349-7158 or  
aaron.koski@metc.state.mn.us

*Anyone who requires assistance to participate should contact Green Line Extension Community Outreach Coordinator Nkongo Cigolo at Nkongo.Cigolo@metrotransit.org or 612-373-3825. Requests for special assistance should be made at least five business days in advance of the training fair.*

**Are you interested in gaining the skills to start a new career in the construction trades?**

Come to the Southwest LRT Construction Training Fair to learn about the various local construction apprenticeship preparation programs and how they can prepare you to work in the construction trades.

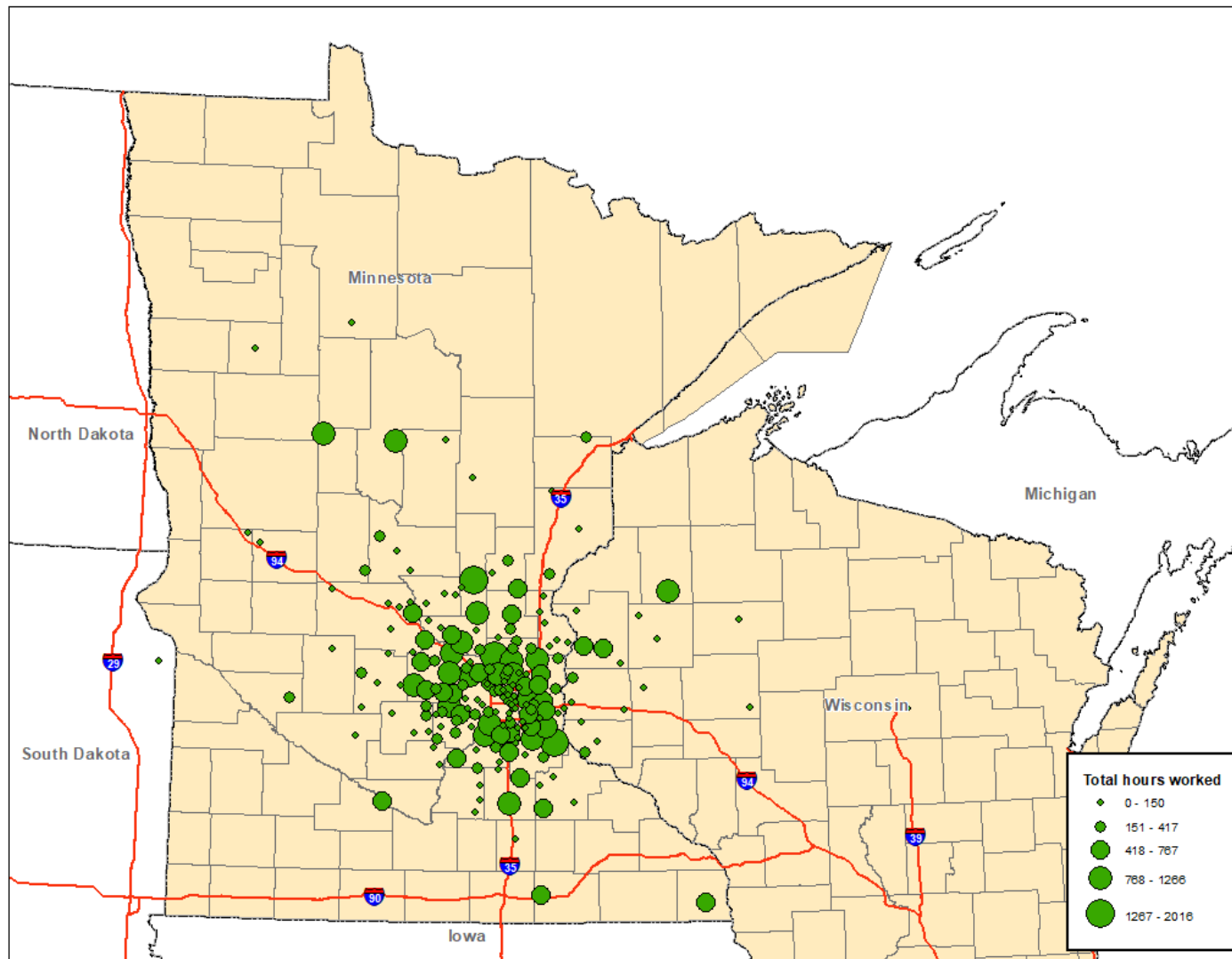
The Construction Training Fair is an opportunity to:

- Learn about the METRO Green Line Extension.
- Learn about the various trades that will be needed for construction of the line.
- Talk to representatives from apprenticeship preparation programs.
- Apply for apprenticeship programs.

To learn more about the Southwest LRT (METRO Green Line Extension) Project, visit [www.swlrt.org](http://www.swlrt.org).

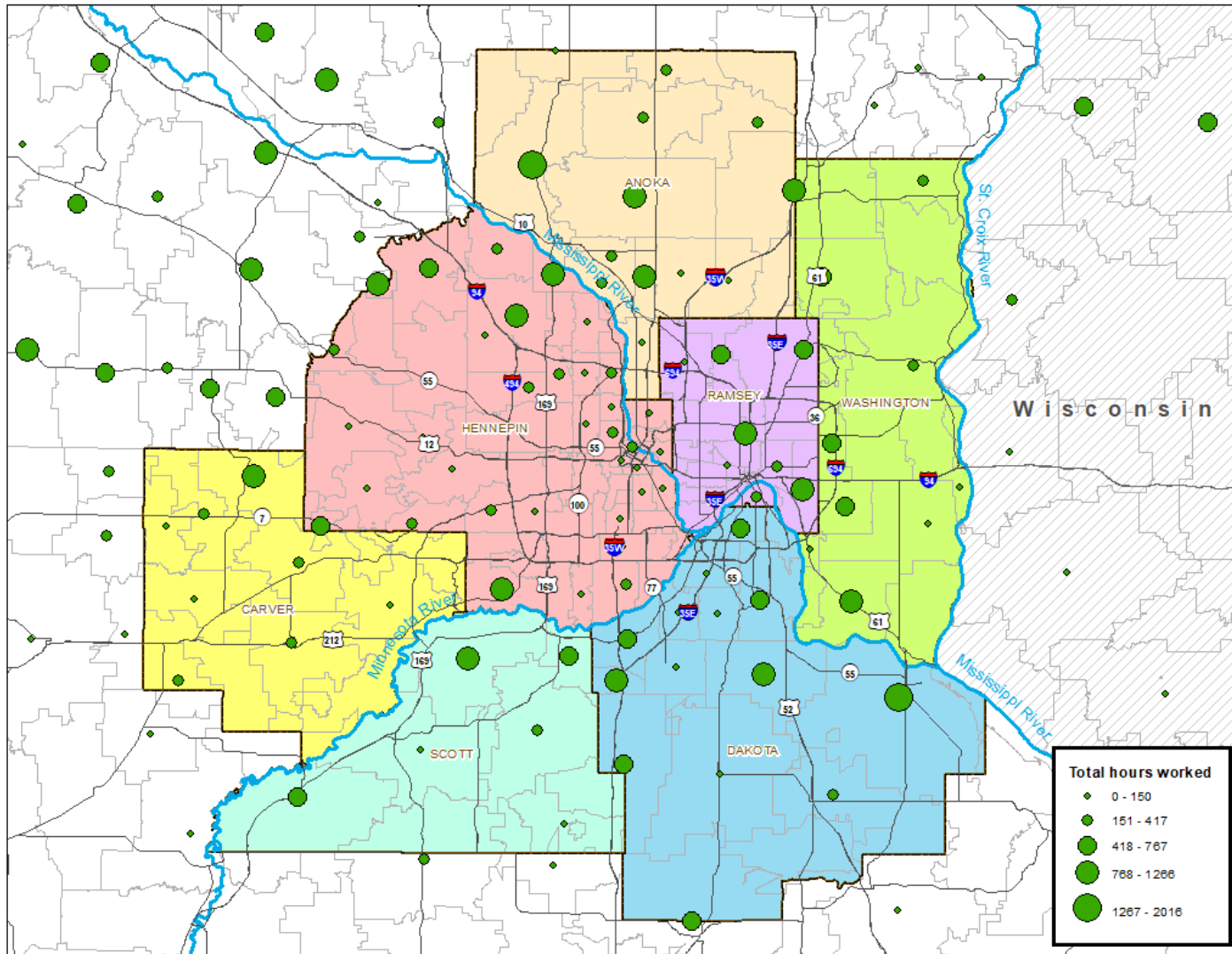


# Civil Workforce Zip Code Report





# Civil Workforce Zip Code Report



# DBE & Workforce Advisory Committee

- Advises the Met Council on issues related to DBE and workforce participation during the construction of SWLRT
- Held 5 meetings in 2019 covering:
  - DBE & Workforce achievement
  - Workforce development
  - Pay cycles
  - Retainage
  - Change orders
  - Workforce overview
  - Apprenticeships



# Communications & Outreach Update



# Construction Communications

- Sign-up for the weekly project construction updates at [swlrt.org](http://swlrt.org); sent out every Friday to your email and/or phone

- Follow us on:

- Twitter: [@SouthwestLRT](https://twitter.com/SouthwestLRT)
- Facebook: [@MetropolitanCouncil](https://www.facebook.com/MetropolitanCouncil)
- Instagram: [@southwest\\_lrt](https://www.instagram.com/southwest_lrt)
- Flickr: [flickr.com/photos/metcouncil/albums](https://www.flickr.com/photos/metcouncil/albums)



- Learn more about the project: [swlrt.org](http://swlrt.org)

- Videos
- Station renderings
- Committee information



# GovDelivery Metrics

- April 26: 8,265
- May: 15,159
- June: 15,444
- July: 15,683
- Aug: 15,587
- Sept: 15,944
- Oct: 16,100
- Nov: 16,159
- Dec: 16,193

## CONSTRUCTION



### Construction hotline

For urgent Southwest LRT construction issues, please call the 24-hour hotline at [612-373-3933](tel:612-373-3933) for assistance. Call the hotline for problems such as blocked access to business or residential areas, improper traffic sign placement or parking issues. For general questions or comments about Southwest LRT, **contact your Community Outreach Coordinator**.

For emergencies, always call 911.

### Construction activity updates

The Metropolitan Council will provide information on construction activities every Friday throughout construction. Subscribe to receive construction activity updates by email or text in the signup box in the right column.

### Southwest LRT Construction Update: November 15, 2019

#### Holiday Construction

This update provides information for the next two weeks of upcoming construction activities. If there are any significant changes to the current schedule, we will issue an update specific to those items next week. Our next construction update will be Friday, December 6.

Crews will suspend most construction work for the Thanksgiving weekend, from Thursday November 27 through Sunday December 1. However, crews will be doing site inspections, conducting regular maintenance activities and may be

# SWLRT.ORG Metrics

- Jan: 14,432
- Feb: 27,013
- March: 35,310
- April: 37,933
- May: 60,445
- June: 39,518
- July: 38,110
- Aug: 40,468
- Sept: 35,554
- Oct: 26,708
- Nov: 23,781
- Dec: 21,566



SOUTHWEST LRT	
Project Facts	
Community Outreach Coordinators	
Project Videos	
Route and Stations	
Construction	
Public Involvement	
Workforce and Training	
Environmental	
Project Partners	
Committees	
Contact Southwest LRT	
Southwest LRT News	
Project Funding	

## SOUTHWEST LIGHT RAIL TRANSIT

### METRO Green Line Extension – Eden Prairie to Downtown Minneapolis

The METRO Green Line Extension (Southwest LRT or SWLRT) will operate on a route from downtown Minneapolis through the communities of St. Louis Park, Hopkins, Minnetonka, and Eden Prairie.

The line will include 16 new stations and will be part of an integrated system of transitways, including connections to the METRO Blue Line, the Northstar Commuter Rail line, and many bus routes. At Target Field Station in Minneapolis, Green Line Extension trains will continue along the METRO Green Line, providing one-seat rides to the University of Minnesota, State Capitol area, and downtown St. Paul. [Read more project facts.](#)

#### Southwest LRT Construction Update: November 22, 2019

##### Holiday Construction

This update provides information for the next two weeks of upcoming construction activities. If there are any significant changes to the current schedule, we will issue an update specific to those items next week. Our next construction update will be Friday, December 6.

Crews will suspend most construction work for the Thanksgiving weekend, from Thursday November 27 through Sunday December 1. However, crews will be doing site inspections, conducting regular maintenance activities and may be performing utility work in the Glenwood area.

On Thanksgiving Day, the Southwest Project Office will be closed. Staff will be on call over the holiday weekend to address urgent issues received through the hotline. All other questions will be addressed on Monday, December 2.

##### Highlights

- TH 62 westbound lanes will close tonight at 7:00 p.m., Friday, November 22 and reopen by 5:00 a.m. on Monday, November 25.
- Night work has resumed around the Golden Triangle Station and will continue through mid-December.

Subscribe to weekly construction updates

[Sign up for text or email alerts >](#)

Subscribe on Twitter, [@SouthwestLRT](#)



# Twitter Metrics: @SouthwestLRT

Month	# of Tweets	Followers	Retweets	Likes	Mentions
Jan	1	842	0	0	0
Feb	0	846	0	0	1
March	2	859	3	20	5
April	18	925	22	98	19
May	26	1.1K	88	196	29
June	9	1.2K	32	66	28
July	9	1.1K	31	64	28
Aug	8	1.2K	15	11	23
Sept	11	1.4K	27	77	15
Oct	3	1.4K	8	25	3
Nov	8	1.4K	14	36	11
Dec	5	1.4K	9	39	4

# Communications and Outreach

- Project Flickr account
  - Weekly uploads of project progress pictures
  - Link: [flickr.com/photos/metcouncil/albums](https://www.flickr.com/photos/metcouncil/albums)

The screenshot displays the Flickr profile for the Metropolitan Council. The header includes the Flickr logo, navigation links (Explore, Create, Get Pro), a search bar, and user options (Log In, Sign Up). The profile section features the Metropolitan Council logo, a '+ Follow' button, and statistics: 144 Photos and Joined 2011. Below the profile, a grid of photo albums is shown, each with a thumbnail image, a title, and statistics (number of photos and views). The albums include:

- Opus: 1 photo, 1 view
- Louisiana Ave.: 14 photos, 8 views
- Blake Rd.: 3 photos, 2 views
- Beltline: 7 photos, 1 view
- Smetana, Bren, Feti Roads: 14 photos, 3 views
- West Lake St.: 1 photo, 3 views
- Linden Yards: 11 photos, 3 views
- Kenilworth: 8 photos, 6 views
- Glenwood Ave. Bridge: 6 photos, 7 views
- Cedar Lake Channel: 3 photos, 5 views

The URL <https://www.flickr.com/photos/metcouncil/albums/72157710334346187> is visible at the bottom left of the page.

# Construction 24-Hour Hotline

- May 15: Construction hotline active
- Number of calls: 492
- Themes
  - Trails
  - Detours
  - Work hours

## Southwest Light Rail Transit Construction Hotline

**612-373-3933**

**swlrt.org**



# Business Outreach

- Meeting with business owners to discuss access during construction
- Developing content for customers, employees, suppliers
- Special signage





# Outreach Activities



Open Houses



Trail Pop-Ups



Walking Tours



Neighborhood Meetings



# 2020 Upcoming Outreach Activities

- Construction Information Workgroups
- Pop-up events
- Tours
- Neighborhood meetings/annual community events
- Project videos





# Stay Updated!

Online:

[SWLRT.org](http://SWLRT.org)

Twitter:

@SouthwestLRT

Flickr:

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

Facebook:

@MetropolitanCouncil

Instagram:

@southwest\_lrt

