



Metro

*Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza
3rd Floor Board Room*

Agenda - Final

Thursday, May 18, 2023

11:00 AM

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Construction Committee

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Lindsey Horvath
Gloria Roberts (Interim), non-voting member
Stephanie Wiggins, Chief Executive Officer*

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(ALSO APPLIES TO BOARD COMMITTEES)

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- b. A breach of the peace, boisterous conduct or violent disturbance, tending to interrupt the due and orderly course of said meeting.
- c. Disobedience of any lawful order of the Chair, which shall include an order to be seated or to refrain from addressing the Board; and
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The Committee Meeting begins at 11:00 AM Pacific Time on May 18, 2023; you may join the call 5 minutes prior to the start of the meeting.

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Public comment will be taken as the Board takes up each item. To give public comment on an item, enter #2 (pound-two) when prompted. Please note that the live video feed lags about 30 seconds behind the actual meeting. There is no lag on the public comment dial-in line.

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CALL TO ORDER**ROLL CALL****CONSENT CALENDAR**

APPROVE Consent Calendar Item: 16.

Consent Calendar items are approved by one vote unless held by a Director for discussion and/or separate action.

16. SUBJECT: TUNNEL ADVISORY PANEL[2023-0200](#)**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to execute:

- A. Contract Modification No. 12 to Contract No. PS-2020-1055 with Dr. Geoffrey R. Martin for the continuation of Tunnel Advisory Panel Services, in an amount not-to-exceed \$712,000, increasing the total contract value from \$3,000,481 to \$3,712,481 and extend the contract from June 30, 2023 to June 30, 2026;
- B. Contract Modification No. 7 to Contract No. PS-8510-2493 with Dr. Edward J. Cording, for the continuation of Tunnel Advisory Panel Services, in an amount not-to-exceed \$672,000, increasing the total contract value from \$2,999,235 to \$3,671,235 and extend the contract from June 30, 2023 to June 30, 2026; and
- C. Contract Modification No. 1 to Contract No. PS-1620-80000, with Dr. Thomas O'Rourke, for the continuation of Tunnel Advisory Panel Services, in an amount not-to-exceed \$639,000, increasing the total contract value from \$947,457 to \$1,586,457 and extend the contract from June 30, 2023 to June 30, 2026.

Attachments:[Attachment A - Procurement Summary](#)[Attachment B - Contract Modification Change Log](#)[Attachment C - DEOD Summary \(CONTRACT NO. PS-2020-1055\)](#)[Attachment D - DEOD Summary \(CONTRACT NO. PS-8510-2493\)](#)[Attachment E - DEOD Summary \(CONTRACT NO. PS-1620-8000\)](#)

NON-CONSENT

17. **SUBJECT: CREATION OF A PERMANENT BUSINESS INTERRUPTION FUND MOTION** [2023-0351](#)

RECOMMENDATION

APPROVE Motion by Directors Horvath, Dupont-Walker, Solis, Barger, Krekorian, and Dutra that the Metro Board direct the Chief Executive Officer to establish a permanent Business Interruption Fund and provide a program update in November 2023 that considers, but is not limited to, the following:

- A. Resources necessary to maintain a permanent Business Interruption Fund; and
- B. Culturally competent outreach and inclusive technical assistance to adequately support affected businesses.

18. **SUBJECT: PROJECT LABOR AGREEMENT/CONSTRUCTION CAREERS POLICY (PLA/CCP)** [2023-0259](#)

RECOMMENDATION

RECEIVE AND FILE the status update on the Project Labor Agreement and Construction Careers Policy programs through the quarter ending December 2022.

Attachments: [Attachment A - PLA/CCP Quarterly Brochure](#)
[Attachment B - Women in the Trades Resource Guide](#)
[Presentation](#)

- SUBJECT: GENERAL PUBLIC COMMENT** [2023-0321](#)

RECEIVE General Public Comment

Consideration of items not on the posted agenda, including: items to be presented and (if requested) referred to staff; items to be placed on the agenda for action at a future meeting of the Committee or Board; and/or items requiring immediate action because of an emergency situation or where the need to take immediate action came to the attention of the Committee subsequent to the posting of the agenda.

COMMENTS FROM THE PUBLIC ON ITEMS OF PUBLIC INTEREST WITHIN COMMITTEE'S SUBJECT MATTER JURISDICTION

Adjournment

**Board Report**

File #: 2023-0200, **File Type:** Contract**Agenda Number:** 16.

**CONSTRUCTION COMMITTEE
MAY 18, 2023****SUBJECT: TUNNEL ADVISORY PANEL****ACTION: APPROVE RECOMMENDATIONS****RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to execute:

- A. Contract Modification No. 12 to Contract No. PS-2020-1055 with Dr. Geoffrey R. Martin for the continuation of Tunnel Advisory Panel Services, in an amount not-to-exceed \$712,000, increasing the total contract value from \$3,000,481 to \$3,712,481 and extend the contract from June 30, 2023 to June 30, 2026;
- B. Contract Modification No. 7 to Contract No. PS-8510-2493 with Dr. Edward J. Cording, for the continuation of Tunnel Advisory Panel Services, in an amount not-to-exceed \$672,000, increasing the total contract value from \$2,999,235 to \$3,671,235 and extend the contract from June 30, 2023 to June 30, 2026; and
- C. Contract Modification No. 1 to Contract No. PS-1620-80000, with Dr. Thomas O'Rourke, for the continuation of Tunnel Advisory Panel Services, in an amount not-to-exceed \$639,000, increasing the total contract value from \$947,457 to \$1,586,457 and extend the contract from June 30, 2023 to June 30, 2026.

ISSUE

Metro is currently planning, designing, and constructing rail transit projects with extensive underground engineering and construction that involve complex geotechnical and tunneling conditions. Current active projects with tunnel segments include the Westside Purple Line Extension Section 2 and Section 3 Projects, Eastside Transit Corridor Phase 2 Project, Sepulveda Transit Corridor Project, West Santa Ana Branch Transit Corridor Project, Green Line Extension to Torrance, and Vermont Transit Corridor. Los Angeles County has challenging geologic, seismic and tunneling conditions and deep underground station construction, with some through fault rupture zones, tar impregnated soil, toxic gases, and high concentration of methane. While Metro has extensive experience from both staff and engineering consultants, there is the need for a Tunnel Advisory Panel (TAP) to provide expert advice and review of this engineering work. The Tunnel Advisory Panel, comprised of Dr. Geoffrey Martin, Dr. Edward Cording, and Dr. Thomas O'Rourke, are recognized in

the industry and worldwide as engineering/construction experts in geotechnical analyses, tunneling, deep excavation, earthquake engineering, and building settlements.

BACKGROUND

The TAP convened in August 1995 in response to questions posed by the Board regarding the feasibility of tunneling in Los Angeles ground conditions. Metro contracted with Drs. Dan Eisenstein, Geoffrey Martin and Harvey Parker to determine the feasibility of tunneling in Los Angeles, to assess the effectiveness of Metro's construction program to date, and to recommend any modifications to the current construction program deemed appropriate.

In June 2001, the Board approved two, five-year contracts to the members of the TAP in the amount not-to-exceed \$1,167,826 and directed staff to return each year for funding approval. Since then, the Board has approved funding and extensions to the TAP contracts. Due to Dr. Eisenstein's untimely death in April 2009, Metro management staff decided to procure an additional member for the TAP, Dr. Edward Cording, to provide expert technical services. With Dr. Harvey Parker passing away in May 2020, Metro staff procured an additional member for the TAP, Dr. Thomas O'Rourke, to provide expert technical services.

DISCUSSION

The TAP members, Drs. Martin, Cording, and O'Rourke have been providing advice on all Metro projects with underground construction elements. The projects that TAP has been involved with include extensive underground engineering and construction that involve complex geotechnical and tunneling issues for which the TAP members are uniquely qualified.

The status of each project and the TAP members' involvement in them is as follows:

Westside Purple Line (D Line) Extension Project

The Westside Purple Line (D Line) Extension Project was adopted by the Board and the Final Environmental Impact Report (EIR) was certified in 2012. The project is being designed and constructed in three sections. The entire 9-mile project consists of twin-bored tunnels with 7 subway stations which are primarily under Wilshire Boulevard.

Metro has retained the services of the TAP to provide independent review and monitoring of the following work that is being performed by Metro's engineering consultants and contractors:

- Section 1 Wilshire/Western Station to Wilshire/La Cienega Station (3.92 miles of twin-bored tunnels, 3 subway stations) - Since the tunneling and underground construction activities for this section of the project is complete, the TAP has concluded providing expert advice on a regular basis to this section of the project. The project will, however, seek TAP expert advice on an as-needed basis with issues pertaining to claim resolutions.
- Section 2 - Wilshire/La Cienega to Century City Constellation Station (2.59 miles of twin-bored tunnels, 2 subway stations) - The Design/Build Contract (Tunnels, Stations, Systems and Trackwork) Notice-To-Proceed (NTP) was issued in April 2017. Final Design is expected to be

completed in July 2023. Construction of the Century City/Constellation Station and the Wilshire Rodeo Station began in the 3rd Quarter of 2018 and is anticipated to be completed by the 2nd Quarter of 2025. Tunnel construction began in the 2nd Quarter of 2020 and was completed in January 2023. Construction of the cross passages within tunnels is currently underway. The construction of underground stations and tunnel related activities is anticipated to continue until the 1st Quarter of 2024. The TAP will be required to continue providing expert advice on the tunnel and station construction-related activities, geotechnical conditions encountered, potential ground movements and mitigations for gassy ground conditions.

- Section 3 - Century City/Constellation Station to Westwood/VA Hospital Station (2.56 miles of twin-bored tunnels, 2 subway stations) - The Notice-To-Proceed (NTP) for the Design/Build Contract (Tunnels, Stations, Systems and Trackwork) Tunnel was issued on January 2019 and the NTP for Station was issued in May 2019. Final Design is nearly complete. Tunnel Construction began in the 2nd Quarter of 2020. Station Construction began in the 4th Quarter of 2020 and is expected to be completed by 2025. The TAP will be required to provide expert advice on the tunnel and station design and construction, especially in the potential fault rupture zones and gassy ground conditions, geotechnical conditions encountered, the daily tunneling reports to monitor progress, potential ground movements associated with tunnel and station construction.

Eastside Transit Corridor Project - Phase 2

The Eastside Transit Corridor Phase 2 Project will extend the existing Metro L (Gold) Line from the existing terminus station at Atlantic Boulevard and Pomona Boulevard in East Los Angeles to Lambert Road in Whittier in eastern Los Angeles County. The Board adopted the Locally Preferred Alternative (LPA) as Pomona/Atlantic Station to Greenwood at the December 2022 Board meeting. About 3 miles of this alternative is an underground configuration along Atlantic Boulevard in unincorporated East Los Angeles. TAP will be providing expert advice for following topics:

- Tunnel alignment design
- Ground movements and changes of the groundwater table associated with proposed methods of excavation and support for cut and cover structures.
- Ground movements and changes to the groundwater table associated with proposed tunneling methods.

It is anticipated that advanced conceptual engineering and additional engineering activities to identify high-risk items such as geotechnical, utility identification and tunneling will continue through Summer 2024. The project is a priority project for the Metro Board. Measure M allocates \$3 billion (2015\$) in 2029 for construction with expected project delivery by 2035.

West Santa Ana Branch (WSAB) Transit Corridor Project

The WSAB project proposes a new light rail transit (LRT) line to southeast LA County, connecting Artesia, Cerritos, Bellflower, Paramount, Downey, South Gate, Cudahy, Bell, Huntington Park, Vernon, unincorporated Florence-Firestone and downtown Los Angeles.

In January 2022, the Board approved Los Angeles Union Station as the northern terminus. The

Board also approved the 14.8-mile Slauson/A Line to Pioneer route as the LPA for the final EIS/R clearance. A separate study is underway to evaluate the alignment type(s) along Alameda Blvd from the Slauson/A Line to Union Station. Tunneling work is expected in the northern segment to Union Station of the alignment, at least for a portion depending on alignment selection after completion of the Downtown study.

TAP will be providing expert advice for the underground portions of the WSAB Project on the following topics:

- Tunnel alignment design
- Tunnel Portal Locations
- Ground movements and changes of the groundwater table associated with proposed methods of excavation and support for cut and cover structures.
- Ground movements and changes to the groundwater table associated with proposed tunneling methods.

Sepulveda Transit Corridor Project

The Sepulveda Transit Corridor Project is currently in the planning phase. An environmental review is underway analyzing six alternatives with varying potential routes and modes. Metro is working with two private sector proposers, LA SkyRail Express (monorail) and Sepulveda Transit Corridor Partners (heavy rail), under a first-of-its-kind pre-development agreement to potentially accelerate delivery of this project. Several of the alternatives under consideration require geotechnical considerations for design and construction of aerial guideways, tunnels and underground stations. TAP will be providing expert advice for following topics:

- Tunneling through hard rocks
- Tunneling through alluvial soils
- Tunneling through fault zones
- Tunneling with relatively high groundwater pressures
- Mixed face tunneling with rocks with contrasting strengths (low to very high abrasive, weak to very strong rocks)
- Extensive amount of piling in the median of I-405

Environmental review is anticipated to be completed in 2024.

In addition to the above Projects, TAP may be asked to provide Ad-Hoc services to other projects as needed by Metro Staff.

TAP members are involved with on-going support relating to third party and project stakeholders' issues, which will require continuation of their services for the future. They have unique knowledge and background on Los Angeles County's underground conditions and intimate knowledge of Metro's past and current engineering and construction projects. Board approval and execution of the Contract Modifications will allow continuation of these services.

Board approval of the recommendations will allow the continuation of services of the three Tunnel Advisory Panel members to support Metro on the Westside Purple Line Extension Section 2 and Section 3 Projects, Eastside Transit Corridor Phase 2 Project, Sepulveda Transit Corridor Project, West Santa Ana Branch Transit Corridor Project, and the Green Line Extension to Torrance. In addition, Board approval of the recommendations will also allow the TAP to provide Ad-Hoc services to other projects as needed by Metro staff.

DETERMINATION OF SAFETY IMPACT

Underground construction is inherently one of the high-risk activities on projects. TAP provides independent reviews and imparts technical know-how and expertise for the safe construction of underground facilities. All services supported by this contract are centered on promoting safety, avoiding project delays, and promoting cost saving measures to effectively deliver the projects with minimal impacts to the adjacent communities.

FINANCIAL IMPACT

The funding for these services is included in the Proposed FY24 budget in various Capital Projects. Task Orders will be issued and funded from the associated project's fiscal year and Life-of-Project (LOP) budgets. The funding source differs depending on the individual project. These activities will remain within the approved LOP for each project.

Since this is a multi-year contract, the cost center managers, respective project managers and Chief Program Management Officer will be responsible for budgeting the cost of the annual work program for each fiscal year for the term of the contract.

Impact to Budget

The funding for these Contract Modifications is provided by the specific project requiring the services. The source for these funds is in line with the respective projects' funding plans and fund sources may consist of federal and/or state grants as well as local funds. These funds are not operating eligible funds.

EQUITY PLATFORM

The Tunnel Advisory Panel services provide technical advice and expertise for various Metro projects with underground design and construction components throughout the County of Los Angeles, including several which serve Equity Focus Communities. These services are essential for the support and safe delivery of Metro projects which run across the greater Los Angeles area. All services supported by this contract are centered on delivering the projects with minimal impacts on the communities and provide benefits of enhanced mobility and regional access to all populations within the respective project areas.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

This recommendation supports the Strategic Plan Goal # 5, *“Provide responsive, accountable, and trustworthy governance within the Metro organization.”*

ALTERNATIVES CONSIDERED

Staff has considered the alternative of allowing the current contracts with Dr. Martin, Dr. Cording, and Dr. O’Rourke to expire and open a procurement notice to solicit applications from potential new members, but decided to execute the contract modification for the current TAP panel members for the following reasons:

- Current TAP members Drs. Martin’s and Cording’s long history and institutional knowledge of Metro together with Drs. Martin’s, Cording’s and O’Rourke’s knowledge of local soil conditions and technical understanding of specific tunnel related issues in general and those pertaining to local conditions in particular would require significant investment in time and resources to replicate even if other equally suitable candidates were found and used in this role. This would not only incur cost but would significantly reduce the benefit and validity of their advice, while this knowledge and understanding were obtained. This is not recommended as it will leave Metro without the benefit of their extensive local experience, knowledge and expertise and create a void in the required tunneling expertise for a considerable period, thereby creating the potential for delays and additional costs to ongoing Metro projects.
- Metro baseline documents include Design Criteria, Standard Drawings, Directive Drawings and Baseline Specifications. These baseline documents were adapted and updated from documents previously utilized for prior projects and are being continuously updated to incorporate the Lessons Learned from the past and current projects or to account for evolving technologies. Current TAP members have observed developments and successes on Metro’s current projects that need to be documented and be made available to both current and future Metro projects. Through their involvement with various Metro projects, TAP has also encountered technical and contractual issues that require improvements in Metro baseline documents. Currently, TAP is fully engaged in assisting Metro with this lessons-learned process and accordingly updating the Metro Baseline documents. Executing the contract modification with the current TAP members would enable Metro to continue seeking this valuable input from them to update the baseline documents with the lessons learned from their engagements from all the current large projects. This will make the Metro Baseline a set of industry leading document and capture the issues from Metro’s past and current Projects.
- All the projects listed above are at critical stages in their respective planning, engineering, and construction phases. Extension and additional funding for the TAP contracts are vital and essential to provide continuity that would otherwise be interrupted, should the Board decide to cancel and re-procure the TAP contracts (a 6 to 9-month process). Furthermore, the history and knowledge of the current designs, geotechnical conditions, and construction approaches will present a steep learning curve for a new team of TAP members, which could significantly delay the timely review and input necessary to provide this important layer of independent monitoring and oversight across these complex engineering and construction projects.

NEXT STEPS

After Board approval and execution of the Contract Modifications, staff will direct the Tunnel Advisory Panel to continue providing tunnel engineering advice to Metro including supporting the aforementioned projects.

ATTACHMENTS

Attachment A - Procurement Summary

Attachment B - Contract Modification Change Log

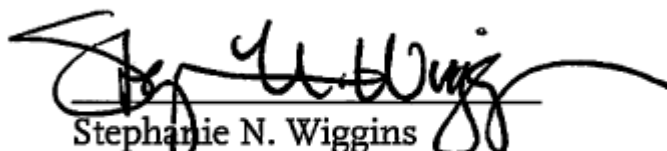
Attachment C - DEOD Summary (CONTRACT NO. PS-2020-1055)

Attachment D - DEOD Summary (CONTRACT NO. PS-8510-2493)

Attachment E - DEOD Summary (CONTRACT NO. PS-1620-8000)

Prepared by: Androush Danielians, Senior Executive Officer,
 Project Management (213) 922-7598
 Debra Avila, Deputy Chief Vendor/Contract Management Officer, (213) 418-3051

Reviewed by: Sameh Ghaly, Chief Program Management Officer (Interim), (213) 418-3369



Stephanie N. Wiggins
Chief Executive Officer

PROCUREMENT SUMMARY
TUNNEL ADVISORY PANEL
CONTRACT NO. PS-2020-1055

1.	Contract Number: PS-2020-1055		
2.	Contractor: Geoffrey Martin		
3.	Mod. Work Description: Continued Tunnel Advisory Panel support		
4.	Contract Work Description: Tunnel Advisory Panel		
5.	The following data is current as of: March 23, 2020		
6.	Contract Completion Status		Financial Status
	Contract Awarded:	5/1/2001	Contract Award Amount: \$326,000
	Notice to Proceed (NTP):	5/1/2001	Total of Modifications Approved: \$2,676,481
	Original Complete Date:	1/28/2006	Pending Modifications (including this action): \$712,000
	Current Est. Complete Date:	6/30/2023	Current Contract Value (with this action): \$3,712,481
7.	Contract Administrator: Tim Clark		Telephone Number: (323) 900-2110
8.	Project Manager: Androush Danielians		Telephone Number: (213) 922-7598

TUNNEL ADVISORY PANEL
CONTRACT NO. PS-8510-2493

1.	Contract Number: PS-8510-2493		
2.	Contractor: Edward Cording		
3.	Mod. Work Description: Continued Tunnel Advisory Panel support		
4.	Contract Work Description: Tunnel Advisory Panel		
5.	The following data is current as of: March 23, 2023		
6.	Contract Completion Status		Financial Status
	Contract Awarded:	1/29/2010	Contract Award Amount: \$1,225,000
	Notice to Proceed (NTP):	1/29/2010	Total of Modifications Approved: \$1,774,235
	Original Complete Date:	1/28/2015	Pending Modifications (including this action): \$672,000
	Current Est. Complete Date:	6/30/2023	Current Contract Value (with this action): \$3,671,235
7.	Contract Administrator: Tim Clark		Telephone Number: (323) 900-2110
8.	Project Manager: Androush Danielians		Telephone Number: (213) 922-7598

**TUNNEL ADVISORY PANEL
CONTRACT NO. PS-1620-80000**

1.	Contract Number: PS-1620-80000		
2.	Contractor: Thomas D. O'Rourke		
3.	Mod. Work Description: Continued Tunnel Advisory Panel support		
4.	Contract Work Description: Tunnel Advisory Panel		
5.	The following data is current as of: March 23, 2023		
6.	Contract Completion Status		Financial Status
	Contract Awarded:		Contract Award Amount: \$947,457
	Notice to Proceed (NTP):	6/01/2020	Total of Modifications Approved: \$0
	Original Complete Date:	6/30/2023	Pending Modifications (including this action): \$639,000
	Current Est. Complete Date:	6/30/2023	Current Contract Value (with this action): \$1,586,457
7.	Contract Administrator: Eva Rodriguez		Telephone Number: (323) 900-2111
8.	Project Manager: Androush Danielians		Telephone Number: (213) 922-7598

A. Procurement Background

This Board Action is to approve modifications in support of continued Tunnel Advisory Panel (TAP) support by Dr. Geoffrey Martin, Dr. Edward Cording and Dr. Thomas D. O'Rourke.

The proposed contract actions will be processed in accordance with Metro's Acquisition Policy and the contract type for each contract is a Labor Hour Contract.

Refer to Attachment B – Contract Modification/Change Order Log for the modifications issued to date.

B. Cost/Price Analysis

The existing individual Labor Hour contracts contain a fixed, negotiated labor rate established in 2020. The recommended amounts for the Modifications have been determined fair and reasonable based upon cost/price analysis, fact-finding, technical analysis and negotiations.

CONTRACT NO. PS-2020-1055

Proposal	Metro ICE	Not-To-Exceed Amount
\$712,000	\$712,000	\$712,000

CONTRACT NO. PS-8510-2493

Proposal	Metro ICE	Not-To-Exceed Amount
\$672,000	\$672,000	\$672,000

CONTRACT NO. PS-1620-80000

Proposal	Metro ICE	Not-To-Exceed Amount
\$639,000	\$639,000	\$639,000

CONTRACT MODIFICATION/CHANGE LOG
TUNNEL ADVISORY PANEL CONTRACT NO. PS-2020-1055

Mod. No.	Description	Status (Approved or Pending)	Date	Amount
1-4	Increase unit rate and extend period of performance to June 30, 2010	Approved	09/06/02-05/11/09	\$0
5	Increase unit rate and extend period of performance to January 28, 2015	Approved	1/29/10	\$875,000
6	Extend period of performance to June 30, 2015	Approved	1/09/15	\$0
7	Increase contract value and extend period of performance to July 30, 2015	Approved	6/22/15	\$28,915
8	Increase contract value and extend period of performance to August 31, 2015	Approved	7/17/15	\$28,915
9	Increase unit rate and extend period of performance September 30, 2015	Approved	8/10/15	\$28,915
10	Increase contract value and extend period of performance to June 30, 2020	Approved	10/01/15	\$802,261
11	Increase unit rate, contract value, extend period of performance to June 30, 2023	Approved	5/15/20	\$910,475
12	Increase contract value and extend period of performance to June 30, 2026	Pending	Pending	\$712,000
	Modification Total:			\$3,386,481
	Original Contract:		5/01/01	\$326,000
	Total:			\$3,712,481

TUNNEL ADVISORY PANEL CONTRACT NO. PS-8510-2493

Mod. No.	Description	Status (Approved or Pending)	Date	Amount
1	Extend period of performance to June 30, 2015	Approved	1/9/15	\$0
2	Increase contract value and extend period of performance to July 30, 2015	Approved	6/22/15	\$28,915
3	Increase contract value and extend period of performance to August 31, 2015	Approved	7/17/15	\$28,915
4	Increase contract value and extend period of performance to September 30, 2015	Approved	8/10/15	\$28,915

5	Increase contract value and extend period of performance to June 30, 2020	Approved	10/12/15	\$764,033
6	Increase unit rate, contract value, extend period of performance to June 30, 2023	Approved	5/15/20	\$923,457
7	Increase contract value, extend period of performance to June 30, 2026	Pending	Pending	\$672,000
	Modification Total:			\$2,446,235
	Original Contract:		1/29/10	\$1,225,000
	Total:			\$3,671,235

TUNNEL ADVISORY PANEL CONTRACT NO. PS-1620-80000

Mod. No.	Description	Status (Approved or Pending)	Date	Amount
1	Increase contract value, extend period of performance to June 30, 2026	Pending	Pending	\$639,000
	Modification Total:			\$639,000
	Original Contract:		5/15/20	\$947,457
	Total:			\$1,586,457

DEOD SUMMARY

TUNNEL ADVISORY PANEL
CONTRACT NO. PS-2020-1055

A. Small Business Participation

The Diversity & Economic Opportunity Department did not establish a Disadvantaged Business Enterprise (DBE) goal for this project due to the lack of subcontracting opportunities. It is expected that Dr. Geoffrey will perform the services of this contract with its own workforce.

B. Living Wage and Service Contract Worker Retention Policy Applicability

A review of the current service contract indicates that the Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) was not applicable at the time of award. Therefore, the LW/SCWRP is not applicable to this modification.

C. Prevailing Wage Applicability

Prevailing wage is not applicable to this modification.

D. Project Labor Agreement/Construction Careers Policy

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. PLA/CCP is applicable only to construction contracts that have a construction related value in excess of \$2.5 million.

DEOD SUMMARY

TUNNEL ADVISORY PANEL
CONTRACT NO. PS8510-2493

A. Small Business Participation

The Diversity & Economic Opportunity Department did not establish a Disadvantaged Business Enterprise (DBE) goal for this project due to the lack of subcontracting opportunities. It is expected that will Dr. Edward J Cording perform the services of this contract with its own workforce.

B. Living Wage and Service Contract Worker Retention Policy Applicability

A review of the current service contract indicates that the Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) was not applicable at the time of award. Therefore, the LW/SCWRP is not applicable to this modification.

C. Prevailing Wage Applicability

Prevailing wage is not applicable to this modification.

D. Project Labor Agreement/Construction Careers Policy

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. PLA/CCP is applicable only to construction contracts that have a construction related value in excess of \$2.5 million.

DEOD SUMMARY

TUNNEL ADVISORY PANEL
CONTRACT NO. PS-1620-8000

A. Small Business Participation

The Diversity & Economic Opportunity Department did not establish a Disadvantaged Business Enterprise (DBE) goal for this project due to the lack of subcontracting opportunities. It is expected that Dr. Thomas O'Rourke will perform the services of this contract with its own workforce.

B. Living Wage and Service Contract Worker Retention Policy Applicability

A review of the current service contract indicates that the Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) was not applicable at the time of award. Therefore, the LW/SCWRP is not applicable to this modification.

C. Prevailing Wage Applicability

Prevailing wage is not applicable to this modification.

D. Project Labor Agreement/Construction Careers Policy

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. PLA/CCP is applicable only to construction contracts that have a construction related value in excess of \$2.5 million.



Board Report

File #: 2023-0259, **File Type:** Informational Report

Agenda Number: 18.

CONSTRUCTION COMMITTEE MAY 18, 2023

SUBJECT: PROJECT LABOR AGREEMENT/CONSTRUCTION CAREERS POLICY (PLA/CCP)

ACTION: RECEIVE AND FILE

RECOMMENDATION

RECEIVE AND FILE the status update on the Project Labor Agreement and Construction Careers Policy programs through the quarter ending December 2022.

ISSUE

In January 2012, the Board approved the Project Labor Agreement (PLA) with the Los Angeles/Orange Counties Building and Construction Trades Council and the Construction Careers Policy (CCP), with a subsequent renewal in January 2017. The PLA/CCP encourages construction employment and training opportunities for members of economically disadvantaged areas throughout the United States on Metro's construction projects. An added value of the PLA is that work stoppages are prohibited.

In addition, Metro's PLA/CCP provides equitable opportunities for the historically underserved population, including women with high-wage career opportunities in the construction industry.

BACKGROUND

Consistent with the Board approved PLA and CCP (PLA/CCP), prime contractors are required to provide Metro with monthly reports detailing progress towards meeting the targeted worker hiring goals. Additionally, consistent with Metro's Labor Compliance policy and federal Executive Order 11246 (EO 11246), the prime contractors provide Metro with worker utilization data by ethnicity and gender. In accordance with EO 11246, Metro's program-wide goal for female participation in PLA/CCP construction projects is 6.90%.

DISCUSSION

Metro's PLA/CCP provides training and employment opportunities in the construction industry to individuals from economically disadvantaged areas and individuals that are socially barriered. As of this reporting period, over \$491 million in wages have been paid to individuals residing in

economically disadvantaged areas, and over \$91 million in wages paid to disadvantaged individuals.

This report provides a status update on the construction contracts covered by the PLA/CCP, including an overview of the Diversity and Economic Opportunity Department (DEOD) staff's efforts on female participation. This report provides an update on the PLA/CCP through the quarter ending December 2022.

PLA/CCP Status Update

As of December 2022, there are thirteen active construction contracts with PLA/CCP program requirements, including seven contracts subject to the Local Hire Initiative. Eleven contractors exceeded the 40% Local Worker/Targeted Goal, four exceeded the 20% Apprentice Worker Goal, and eight exceeded the 10% Disadvantaged Worker Goal. Thirty completed construction contracts were subject to the PLA/CCP. Overall (aggregate), PLA/CCP program-wide attainment of the three workforce goals has been met and exceeded.

The following table represents the active construction projects as of the December 2022 quarterly reporting period.

Projects subject to Local Hire Initiative

Project Name	Prime Contractor	Project Completion Percent	Local Worker Goal (40%)	Apprentice Worker Goal (20%)	Disadvantaged Worker Goal (10%)	Female Utilization Goal (6.9%) & Grade	Percentage of Disadvantaged Worker Participation that are in the Criminal Justice System (*)
Westside PLE Project, Section 2 - D/B	Tutor Perini/O&G, JV	48.11%	39.80%	16.16%	7.63%	2.69% = D	37.61%
Purple Line Ex. Sec 3 - Tunnels Project	Frontier Kemper/Tutor Perini Corp.	78.37%	42.55%	16.60%	7.66%	3.64% = C	69.50%
Soundwall #11 Construction	Powell Constructors, Inc.	99.87%	42.09%	19.79%	10.83%	0.48% = F	49.41%
Div 20 Portal Widening Turnback Project	Tutor Perini Corp.	96.06%	48.70%	19.56%	10.25%	6.19% = B	33.08%
Metro Center St. Project	SJ Amoroso Construction	59.00%	53.32%	18.19%	3.37%	2.12% = D	97.88%
Airport Metro Connector Transit Station	Tutor Perini Corp.	19.97%	48.53%	14.27%	7.72%	4.25% = C	32.03%
Division 20 TPSS (PWT 2)	C3M Power Systems	3.91%	23.00%	11.27%	0.00%	0.00% = F	0.00%

Please refer to Attachment A (PLA/CCP Brochure) for additional information on each project.

Project Completion Percent is based on estimated work hours as provided by the Prime.

Projects subject to Targeted Hire/National

Project Name	Prime Contractor	Project Completion Percent	Targeted Worker Goal (40%)	Apprentice Worker Goal (20%)	Disadvantaged Worker Goal (10%)	Female Utilization Goal (6.9%) & Grade	Percentage of Disadvantaged Worker Participation that are in the Criminal Justice System (*)
Crenshaw/LAX Transit Corridor	Walsh/Shea Constructors	99.99%	60.09%	23.45%	10.29%	3.61% = C	30.23%
Regional Connector Transit Corridor	Regional Connectors, JV	98.52%	62.63%	20.24%	10.69%	4.18% = C	70.34%
Westside Subway Extension Project, Sec 1	Skanska-Taylor-Shea, JV	87.66%	62.59%	20.22%	12.67%	3.82% = C	70.19%
Purple Line Ext. Sec. 3 – Stations Project	Tutor Perini/O&G, JV	16.87%	61.02%	11.53%	15.16%	4.61% = B	52.92%
1 st /Central Street Eastside Access Improv Project (EAIP)	Griffith Company	83.62%	60.77%	18.36%	15.77%	8.00% = A	97.88%
Rail to Rail Active Transportation Corridor	Griffith Company	14.79%	66.83%	24.18%	10.22%	7.22% = A	30.28%

Please refer to Attachment A (PLA/CCP Brochure) for additional information on each project.

Project Completion Percent is based on estimated work hours as provided by the Prime.

*Part of Metro’s PLA/CCP workforce requirement is the utilization of disadvantaged workers on projects. One of the nine criteria for a Disadvantaged Worker is having a criminal record or other involvement with the criminal justice system. The data shown in the table above (last column) is the percentage of Disadvantaged Workers (based on hours worked) that have criminal records or involvement with the criminal justice system and that have worked or are actively working on Metro’s PLA/CCP projects.

Female Workers on Active Construction Projects

In November 2017, the Metro Board of Directors (Board) approved a motion to encourage contractors on Metro construction projects to increase the participation of women by meeting or exceeding the nationwide female participation goal of 6.9% as set forth by Executive Order 11246.

Included in the motion is the creation of a report card/score card system reflecting the attainment of the female participation goals for Metro Project Labor Agreement/Construction Careers Policy contractors that is aimed at encouraging contractors to exceed the 6.9% female participation goal.

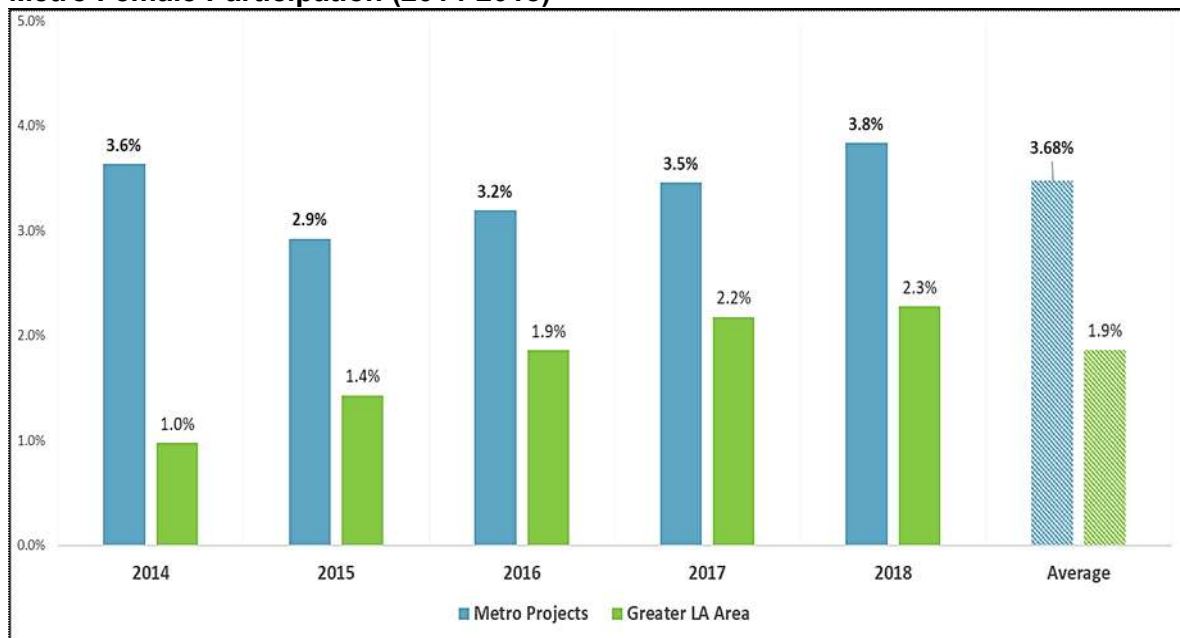
Below is the Female Participation Score Card as of December 2022.



The average female participation in Metro construction projects is at 3.72% of total work hours, which is higher compared to less than 2.0% on other non-Metro public works construction projects in the region. The national average for women in construction is below 3.0%.

The following chart represents Metro female participation by year compared to other non-Metro projects in the region.

Metro Female Participation (2014-2018)



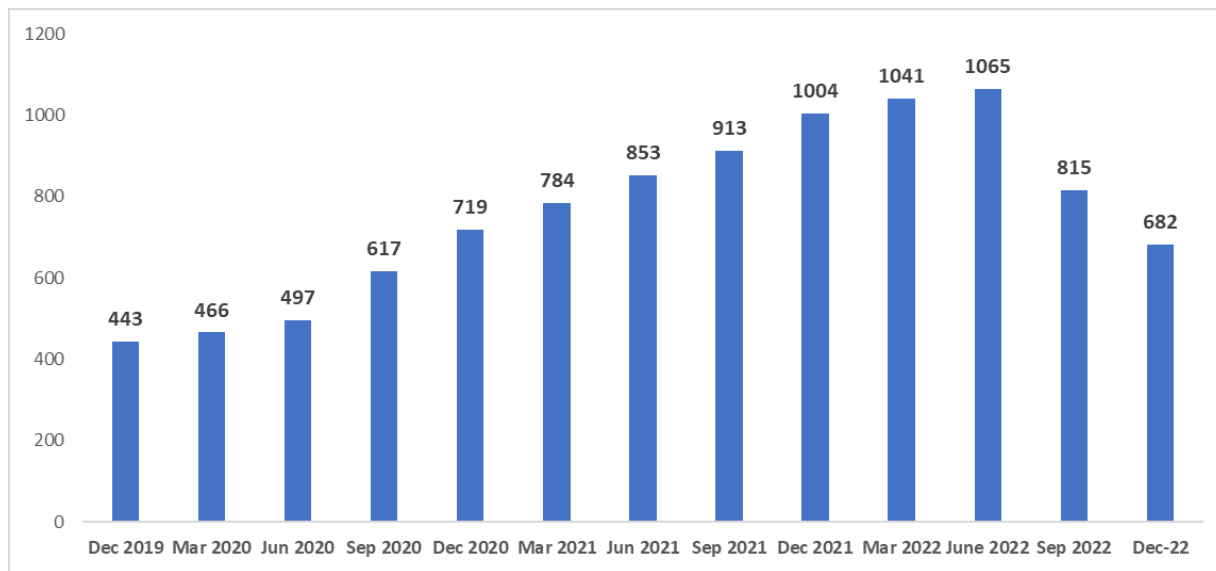
Source: Estolano Lesar

Advisors - Disparity Study

Staff understands the importance of increasing female participation in Metro’s projects for equity and workforce availability reasons and is actively taking measures to increase and create opportunities.

Below is a chart of the no. of females within the last two years on construction projects.

No. of females on Metro projects



Source: As reported

by the prime contractors. This table counts each individual tradeswomen only once (no double counting), even if an individual worked on multiple projects.

As of this reporting period, the number of female workers on Metro projects have decreased due to the completion of Crenshaw/LAX Transit Corridor and near completion of Regional Connector Transit Corridor projects.

Staff is currently working with the unions and jobs coordinators to refer females that recently completed their work assignments and are out of work to other active Metro construction projects.

Staff continues to focus on strategies to support the outreach, recruitment, and retention of women into the trades focusing on Metro’s PLA/CCP construction projects. Listed below are strategies implemented to increase female participation in Metro’s construction projects.

- Female Participation Score Card - Staff continues to grade each contractor’s performance quarterly by using a score card that reflects percentages of females hired by Metro’s contractors to encourage meeting the 6.9% goal.
- Periodic Jobs Coordinator meetings - Staff conducts periodic meetings with job coordinators to discuss best practices and identify outreach and recruitment opportunities. The last meeting focuses on female recruitment and referral into union boot-camps or pre-apprenticeship programs.
- Transition Coordination - Staff continues to assist female workers transitioning to other active or upcoming Metro projects as projects near the end of construction.
- Notice to Prime Contractors - Staff continues to issue notices to prime contractors not meeting the female participation goal at 25%, 50%, and 75% project completion.

- Women in the Trades Resource Guide - Staff developed a comprehensive guide to recruit, employ and retain women in construction careers to assist prime contractors in recruiting female workers.
- Collaboration with Unions - Staff has established a collaboration with the Laborers Union and Southwest Regional Council of Carpenters to directly refer female workers to the apprenticeship program. Upon completion, participants are referred to Metro's contractors for employment opportunities.
- Outreach - Staff continues to outreach to community-based organizations, pre-apprenticeship schools, and building trades to promote and increase female recruitment in the construction industry. As of this reporting period, staff participated in three job fairs with over twelve females referred to jobs' coordinators for pre-apprenticeship programs.
- Established a partnership with the Los Angeles/Orange County Building and Construction Trades Council (LAOCBTC) and the Executive Secretary to focus on increasing female participation in the construction industry, including prioritizing and dispatching female workers on Metro construction projects.
- Metro participated in the Female Build Nation conference sponsored by the National Association of Building Trades (NABTU) and presented Metro's infrastructure projects to recruit active females in the construction industry to work on Metro construction projects.

In addition, the following are strategies under development to support and increase female participation in Metro's projects.

- Metro and Laborers Union (Local 300) are collaborating to establish a tunnel worker training facility in the LA region. Currently, the only training facility for tunnel workers is in Seattle, Washington, which creates a hardship for local individuals to participate. Establishing a local tunnel worker training facility will help fulfill the LA region's need for tunnel workers, with priority given to females interested in starting as a tunnel/miner worker. As of this reporting period, the following efforts have been made.
 - Laborers Training School established a committee of subject matter experts and partnered up with Washington State University to develop class curriculum for the tunnel training school.
 - Laborers Training School is in the process of finalizing the curriculum tailored to best support the regional need for tunnel workers.
 - Laborers Union has identified its Azusa training facility to be the site for the tunnel worker training.
 - Azusa training facility is going through modification to accommodate the tunnel training class.

- Laborers Union reached out to various signatory contractors for donations related to equipment and other pertinent matters for the operation of the training school.
- Metro to provide financial support for the startup of the tunnel worker training for the purchase of PPE and other needed equipment.
- Target date for the start of the tunnel worker training Fall/Winter 2023.
- Metro to plan a Joint Awareness Campaign in collaboration with LAOCBTC, union trades, prime contractors, and community-based organizations to build future workforce capacity with a special focus on females.
 - Launch a website connecting females to pre-apprenticeship training sponsored by LAOCBTC by the end of FY2023.
- Consistently support the Women Build Metro LA (WBMLA) events. The WBMLA events are geared to introduce the construction career path for women throughout Los Angeles County. Staff has invited Metro's prime contractors to participate and recruit females interested in starting a career in construction.
- Collaborate with Women in Non-Traditional Employment Roles (WINTER) to continuously seek grant opportunities to help empower, train, educate and prepare women for transformative careers in the construction industry. In addition, Metro shall provide continuous employment referrals to female graduates of WINTER on Metro project sites.
- Further collaborate with LA County WDAC in recruiting females interested in starting a career in construction and establishing an ongoing referral system of individuals to pre-apprenticeship programs available through the LA County WDACS network of services.
- Collaborate with the Workforce Initiative Now Los Angeles (WIN-LA) on hosting a pre-apprenticeship training for underserved individuals with special focus on females interested to start a career in construction.
- Staff is currently working on commissioning a third party consultant to conduct a refresh of the construction workforce disparity study and will report back to the Board on findings and recommendations of the study.

Furthermore, staff will continue to provide ongoing assessment of the female participation score card, monitoring of contractor's performance, and recognition of contractors that successfully meet or exceed the 6.9% goal or demonstrate highly commendable efforts in the recruitment, retention,

and/or professional development of women on Metro's construction projects.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

Metro's Project Labor Agreement/Construction Careers Policy (PLA/CCP) supports strategic plan goal #3 to enhance communities and lives through mobility and access to opportunity.

EQUITY PLATFORM

Metro's Project Labor Agreement and Construction Careers Policy continues to create employment opportunities for marginalized and vulnerable community members in the construction industry for workers with historical barriers to employment. In addition, through Executive Order (EO) 11246, Metro strives to diversify the workforce on construction projects to improve access to career opportunities and serve as a catalyst for improving the socio-economic status of minorities and women.

As of this reporting period, twelve active PLA/CCP construction projects have exceeded the minority participation goal of 28.30%. Metro has continued ongoing efforts undertaken by staff to increase female participation, including outreaching to women in construction to obtain insight and best practices for contractors and female workers in the construction industry (details in Attachment B). In addition, Metro helps the Construction Building Trades unions to increase their female membership by encouraging contractors to hire/sponsor females into the construction trades. Staff attributes these strategies to contribute to an average female participation rate in Metro construction projects (3.72%) that is higher than historical participation rates in other non-Metro public works construction projects in the region (less than 2%) and the national average for women in construction (less than 3%). In addition, staff monitors each project female attainment on a monthly basis and provides assistance to contractors to continually increase female participation.

NEXT STEPS

DEOD staff will continue to monitor the contractors' efforts and initiate the various strategies and activities as outlined in this report. Staff will continue to monitor and deliver best practices, initiatives, and outreach efforts to promote awareness, engagement, and participation in construction career opportunities.

ATTACHMENTS

Attachment A - PLA/CCP Quarterly Brochure

Attachment B - Women in the Trades Resource Guide

Prepared by: Angela Scott, Senior DEOD Representative (213) 922-1028

Michael Flores, Manager, DEOD (213) 922-6387

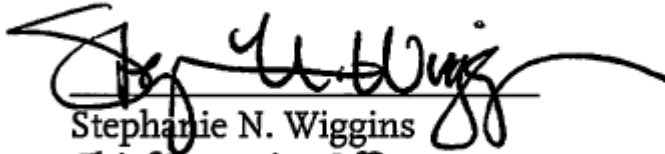
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Stephanie N. Wiggins
Chief Executive Officer

WIN-LA

WORKFORCE INITIATIVE NOW
METRO LOS ANGELES



PLA/CCP



Metro's Project Labor Agreement and Construction Careers Policy

December 2022



Metro[®]



Overview

In January 2012, the Metro Board approved the Project Labor Agreement (PLA) with the Los Angeles/Orange Counties Building and Construction Trades Council and the Construction Careers Policy (CCP). The primary benefit of the PLA is that it encourages construction employment and training opportunities in economically disadvantaged areas throughout the United States on federally-assisted contracts. Another benefit is that it prohibits work stoppages.

The PLA goals are:

- > 40% participation of construction workers residing in economically disadvantaged areas
- > 20% apprentice participation
- > 10% participation of disadvantaged workers (meeting two of nine disadvantaged criteria)

Consistent with the Board-approved PLA/CCP, prime contractors are required to provide monthly reports detailing progress towards meeting the targeted worker hiring goals. Additionally, per Metro's Labor Compliance policy and Federal Executive Order 11246, prime contractors provide Metro with worker utilization data by ethnicity and gender. (See page 6).

Economically Disadvantaged – Area where the median household income is less than \$40K per year.

Disadvantaged – Economically disadvantaged; also satisfying at least two of the following nine categories: 1) homeless, 2) single custodial parent, 3) receiving public assistance, 4) lacking GED or high school diploma, 5) criminal record or history with criminal justice system, 6) chronically unemployed, 7) emancipated from foster care, 8) veteran from Iraq or Afghanistan war, or 9) apprentice with less than 15% hours needed to graduate to journeyworker. Criminal justice system percentages are a subset of the 10% Disadvantaged hours category.

Figures at a Glance

PLA CONTRACTS – INCEPTION TO DATE

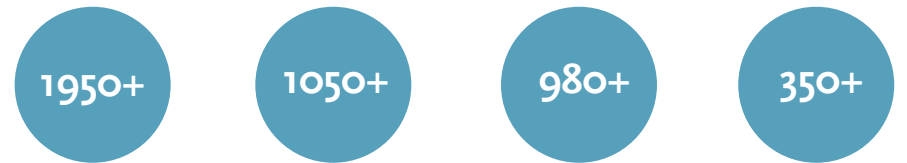


CONTRACT VALUE



*One project has been awarded but has not yet started.

APPRENTICE WORKERS



CRENSHAW/LAX
TRANSIT CORRIDOR
PROJECT (PROJECT
BEGAN 8/2013)

REGIONAL CONNECTOR
TRANSIT CORRIDOR
PROJECT (PROJECT
BEGAN 9/2014)

WESTSIDE SUBWAY
EXT. PROJECT,
SEC 1 – DESIGN
BUILD (PROJECT
BEGAN 11/2015)

WESTSIDE PURPLE
LINE EXTENSION
PROJECT, SECTION
2 (PROJECT BEGAN
4/2017)

PLA WORKER HOURS (PROGRAM-WIDE) ACTIVE AND CLOSED PROJECTS

26,138,407.47 hours

TOTAL CONSTRUCTION HOURS
THROUGH DECEMBER 2022

19,529,754.83 hours

TOTAL APPRENTICEABLE HOURS
THROUGH DECEMBER 2022

58.13% (15,195,356.50 hours)

ECONOMICALLY DISADVANTAGED

21.44% (4,186,472.03 hours)

APPRENTICE

10.83% (2,831,028.69 hours)

DISADVANTAGED

Fast Facts on Metro's Project Labor Agreement

- > Metro is the **first** transit agency in the nation to adopt a PLA that includes a targeted hiring emphasis on apprentices, low income and previously excluded members of society into the trades.
- > The U.S. Secretary of Labor visited Metro and the Crenshaw/LAX Transit Corridor Project in August 2014 and highlighted the PLA/CCP as a success and national model.
- > **No** work stoppages or lockouts have occurred since the start of the program.



Female Participation in Construction

Through its Project Labor Agreement and Construction Careers Policy, Metro is striving to diversify the workforce on construction projects to improve access to career opportunities and serve as a catalyst for improving socio-economic status for minorities and women. Although the national average for women in construction is below 3%, Metro's goal is to exceed the Executive Order 11246 female utilization goal of 6.9%. Metro's current female participation average is 3.72%.

In November 2017, Metro's board passed a motion authorizing the agency to create and publish a score card system that reflects percentages of women hired by Metro contractors; develop an incentive program to encourage contractors to exceed the national goal; and require contractors to demonstrate how they are promoting a diverse and inclusive work environment.

Women Build Metro LA (WBMLA)

Women Build Metro LA is a culmination of community advocates, stake holders and decision makers, including private and public sectors. Together we are committed to increasing the ranks of qualified women candidates for apprenticeship and placement with all Trades. With our partners and stake holders, including our Woman Build Metro LA Committee, we are passionate about increasing female participation, given that women currently make up less than 3% of the construction trade workforce. We are proud to educate and support women in construction under Metro's Project Labor Agreement and Construction Careers Policy.

Female Participation Score Card

DECEMBER 2022

The Metro Board voted to create a score card system to highlight those contractors who meet and exceed the Executive Order 11246 female participation goal of 6.9% on Metro construction projects.

ACTIVE PROJECTS	PRIME CONTRACTOR	GRADE	%
1st/Central Street Eastside Access Improv Project (EAIP)	Griffith Company	A	8.00%
Rail to Rail Active Transportation Corridor	Griffith Company	A	7.22%
Division 20 Portal Widening Turnback	Tutor Perini Corp	B	6.19%
Purple Line Extension, Section 3 – Stations Project D/B	Tutor Perini/ O&G, JV	B	4.61%
Airport Metro Connector Transit Station	Tutor Perini Corp	C	4.25%
Regional Connector Transit Corridor Design/Build	Regional Connector Constructors, JV	C	4.18%
Westside Subway Extension Project, Section 1 – Design Build	Skanska, Traylor, Shea, JV	C	3.82%
Purple Line Extension, Section 3 – Tunnel Project D/B	Frontier Kemper/Tutor Pernin, JV	C	3.64%
Crenshaw/LAX Transit Corridor	Walsh/Shea Corridor Constructors	C	3.61%
Westside Purple Line Extension Project, Section 2 – Design Build	Tutor Perini/ O&G, JV	D	2.69%
Metro Center Street Project D/B	Amoroso Construction Co., Inc.	D	2.12%
Soundwall #11 Construction	Powell Constructors, Inc.	F	0.48%
Division 20 TPSS (PWT 2)	C3M Powersystems	F	0.00%

■	A	6.9% and above	■	D	1.6% to 3.0%
■	B	4.6% to 6.8%	■	F	0% to 1.5%
■	C	3.1% to 4.5%			

To view the Score Card detail summary, visit metro.net/pla.

Current PLA/CCP Project Attainments

TARGETED WORKER ACTIVITY BY ACTIVE PROJECT (CUMULATIVE)	% PROJECT COMPLETE	PLA/CCP			% OF DISADV WORKERS IN THE CRIMINAL JUSTICE SYSTEM CATEGORY
		GOAL 40% ECON DISADV	GOAL 20% APPRENTICE	GOAL 10% DISADV	
Crenshaw/LAX Transit Corridor	99.99%	60.09%	23.45%	10.29%	30.23%
Regional Connector Transit Corridor Design/Build	98.52%	62.63%	20.24%	10.69%	70.34%
Westside Subway Extension Project, Section 1 – Design/Build	87.66%	62.59%	20.22%	12.67%	70.19%
Westside Purple Line Extension Project, Section 2 – Design Build	48.11%	39.80%	16.16%	7.63%	37.61%
Purple Line Extension, Section 3-Tunnel Project D/B	78.37%	42.55%	16.60%	7.66%	52.92%
Purple Line Extension, Section 3 – Stations Project D/B	16.87%	61.02%	11.53%	15.16%	69.50%
Soundwall #11 Construction	99.87%	42.09%	19.79%	10.83%	49.41%
Division 20 Portal Widening Turnback	96.06%	48.70%	19.56%	10.25%	33.08%
Metro Center Street Project D/B	59.00%	53.32%	18.19%	3.37%	68.72%
1st/Central Street Eastside Access Improv Project (EAIP)	83.62%	60.77%	18.36%	15.77%	97.88%
Division 20 TPSS (PWT 2)	3.91%	23.00%	11.27%	0.00%	0.00%
Rail to Rail Active Transportation Corridor	14.79%	66.83%	24.18%	10.22%	30.28%
Airport Metro Connector Transit Station	19.97%	48.53%	14.27%	7.72%	37.95%

Current Projects Executive Order 11246 Attainments

ACTIVE PROJECTS SUBJECT TO METRO'S PLA/CCP	AFRICAN AMERICAN	ASIAN	CAUCASIAN	HISPANIC	NATIVE AMERICAN	OTHER/ NOT SPECIFIED	GOAL 28.30% MINORITY	GOAL 6.90% FEMALE
Crenshaw/LAX Transit Corridor	11.21%	1.46%	20.43%	63.26%	0.81%	2.83%	76.74%	3.61%
Regional Connector Transit Corridor Design/Build	5.22%	0.85%	19.99%	66.74%	0.75%	6.45%	73.56%	4.18%
Westside Subway Extension Project, Section 1 – Design/Build	8.09%	1.57%	19.96%	62.00%	0.57%	7.82%	72.23%	3.82%
Westside Purple Line Extension Project, Section 2 – Design/Build	6.03%	1.47%	23.62%	63.61%	1.21%	4.07%	72.32%	2.69%
Purple Line Extension Project, Section 3 – Tunnel Project D/B	5.44%	0.70%	24.38%	60.54%	1.01%	5.99%	67.69%	3.64%
Purple Line Extension Project, Section 3 – Stations Project D/B	3.30%	2.50%	22.85%	70.05%	0.14%	1.16%	75.99%	4.61%
Soundwall #11 Construction	3.56%	0.01%	11.47%	80.88%	0.00%	4.07%	84.45%	0.48%
Division 20 Portal Widening Turnback	4.85%	1.58%	24.01%	66.01%	1.34%	2.21%	73.78%	6.19%
Metro Center Street Project D/B	5.94%	4.30%	37.90%	45.64%	0.00%	6.23%	56.85%	2.12%
1st/Central Street Eastside Access Improv Project (EAIP)	6.66%	0.25%	8.07%	72.84%	0.05%	12.13%	79.80%	8.00%
Division 20 TPSS (PWT 2)	0.00%	0.00%	92.49%	7.51%	0.00%	0.00%	7.51%	0.00%
Rail to Rail Active Transportation Corridor	2.22%	3.52%	10.21%	37.11%	0.33%	46.61%	43.18%	7.06%
Airport Metro Connector Transit Station	2.61%	0.59%	16.45%	73.13%	1.81%	5.40%	78.14%	4.25%

Metro is building the workforce of tomorrow.

Metro's PLA/CCP facilitates new training and apprenticeship opportunities for workers across the region. These programs also help those who reside in economically disadvantaged areas to find jobs and training opportunities on Metro projects. Here's a look at just a few of the workers who have found success working on PLA and Measure R projects:



Frances Macias Aguilar

Frances Macias Aguilar is a mother of eight who has a passion for the construction trades. As a member of Laborers Local 300, Frances is certified in lane closures and works on the team that handles traffic control for the Regional Connector Transit Corridor Project in the heavily congested streets of downtown Los Angeles. Frances' job is to close street lanes to traffic throughout the various active construction sites in the city. Francis says joining the laborers has changed her life dramatically, she looks forward to moving up the ladder and bringing more females into this male-dominated field.



Anna Aguirre

Anna Aguirre was born and raised in Downey, CA. She attended Downey High School and worked toward her higher education degree at Rio Hondo College in the field of Merchandising and Marketing. She continued to work in the retail industry for the next 10 years, until she decided to change her career path. Following this decision she attended an outreach event for women in the trades, where she was able to meet staff from Laborers Local 1309. Anna was so fascinated by the opportunities in trades, that she quit her job in retail and started to seek sponsorship opportunities into the Local 1309. With the sponsorship of the Local 1309 she was dispatched to The Griffith Company as a General Laborer, working on the Rail-to-Rail project. For the past two years, she has been working hard on this project and has rose to the level of a 3rd period apprentice. Besides being a General Laborer at The Griffith Company, Anna is a proud mother of one son, age 6. She credits the Local 1309 and Griffith Company for being able to provide a quality life for herself and her son.



Patricia Allen

As a child, Patricia was determined to be different and reject the gender roles that were expected of her. After making some mistakes within the justice system, Patricia decided that she needed to make a positive change in her life. Fourteen years ago, Patricia found the change she was looking for when a friend suggested that she look into a career in construction and encouraged her to register for the Laborers Union Bootcamp, (B.O.O.T.S.), and that's just what she did. While in training, Patricia earned the respect of her female peers and motivated them to push themselves as she had, to overcome the fear of entering a male dominated field and constantly reminded

them to work hard because, "You are only as good as your training." Throughout her career in construction, Patricia has been able to provide a comfortable life for herself and her son. Patricia also has the distinction of being the only female miner on the Westside Purple Line Extension Project and hopes that her work will inspire other women to follow in her footsteps.



Sophia Burruel

Sophia Burruel was born and raised in San Pedro, CA. and is dedicated single mother of four, with two sons and two daughters. Sophia's career began working in the medical field at Torrance Memorial, and then moved on to working at a refinery. After giving birth to her fourth child, Sophia realized that she needed a new career path to support her family. Introduced to the building trades by her siblings, she joined Local Union 1309 in 2016, and is now a Journeywoman working on Metro's Eastside Access Improvement Project in the Crenshaw District of South Los Angeles. Sophia shared that she has enjoyed working with her sisters and brothers in the Union, while creating a special bond with those around her. More importantly, the working in construction has allowed her to earn a more desirable wage, learn new skills, and provide a good life for her family.



Guy Denuccio

Guy is a 1st Period Laborers Apprentice on Metro's Purple Line Extension, Section 1 project. A native of Southern California, Guy enjoys baseball and was a standout athlete in his youth. Before working for Skanska on PLE Section 1, Guy made some regrettable decisions and was incarcerated for nine years. While incarcerated, he vowed to never repeat the same mistakes and promised himself he would get out and begin a life and career his family would be proud of. After being paroled, Guy enrolled in an MC3 training program. After completion, he was given the opportunity to begin working right away. Guy thinks back to his time in the criminal justice system and says, "I'm never going back; this opportunity has given me a chance to change my life and I am proud to be part of building the future of Los Angeles."



Catherine Dillon

Catherine Ann Dillon was born in Lancaster, CA, and was educated through the Saddleback Academy homeschool program. After high school, she worked at a Scout Camp for young adults. While working at the camp, Catherine watched her father welding, and she showed interest. He began to teach her basic welds. From that point, Catherine decided to reach out to Ironworkers Local 433 and register with their Union. Shortly after registering with Local 433, Catherine contacted Skanska, and seeing her potential, they sponsored her into the union. Catherine is now an Eighth Period Apprentice and loves being a part of the team working on Metro's Westside Purple Line Extension Project.



Jenna Dorough

In 2017, Jenna Dorough graduated from Women in Non-Traditional Employment Roles' (WINTER) pre-apprenticeship training program as a Carpenter. Since then, Jenna has become certified in OSHA 30, CPR and HAZPOWER training and recounts her story on how she became interested in the building trades. Originally a security guard on a construction project, she was inspired by women on the job site, considering construction is traditionally a male-dominated field. Currently, Jenna is working on Metro's Regional Connector project as a Carpenter where she works every day to gain as much knowledge as possible and ultimately achieve her goal of becoming a crane operator and welder. With her success, Jenna was honored by WINTER this past November 2018 as the Female Craft Worker of the Year.



Jermaine Edwards

Jermaine Edwards was born and raised in Southeast Los Angeles. After time in prison, he decided he wanted to turn his life around and begin a career in construction, and found an opportunity to work as a Skill Craft Laborer on the Crenshaw/LAX Transit project. Jermaine remains humble about his current success, and even mentors some of his fellow coworkers who have recently transitioned from the prison system into the workplace.



Eric Falcon

After spending 15 years of incarceration, Eric Falcon vowed to never return to prison. Eric wanted a better life for himself and his family, which led him to attend a pre-apprenticeship training sponsored by Southwest Carpenters Training through the "My Brother's Keeper" program. Upon completion of the program, Eric was hired as a Carpenter (Local 409) on the Westside Purple Line Subway Extension Project, Section 1. A husband and father of three, Eric grew up in the South Los Angeles area, where he continues to reside and raise his family. Eric is grateful for the opportunity that Westside Purple Line team has provided him.



Jessica Flores

Born in East Los Angeles, Jessica attended Eagle Rock High School. Later, Jessica obtained her Welding certificate from Pasadena City College. While working at the Broad Art Museum, Jessica observed the construction work taking place across the street at Metro's Regional Connector project site. Through this interest, Jessica made the courageous decision to begin a career in construction. Jessica registered and completed the Laborers Union Bootcamp construction training program, (B.O.O.T.S.). Upon completion of her rigorous training, she immediately applied for work at the Regional Connector project and was hired by Skanska. Proudly, Jessica is now a Sixth Period Apprentice and loves her new career.



Yurvina Hernandez

Before becoming a Laborer Apprentice, Yurvina Hernandez had never considered going into the field, even though her family owns a construction business and she grew up around the industry. Yurvina's sister-in-law encouraged her to join a construction training program along with her, and Yurvina quickly discovered that she enjoyed the job. She went on to graduate from the boot camp and joined her union, Local 300. Now, Yurvina is a Level 4 Apprentice on the Purple Line Extension Section 3 Tunnels project. Working at the ground level, she inspects segments of the massive tunnel boring machines, and guides crane operators as they lower equipment into the tail track exit shaft, which is the staging area that leads into the underground tunnels. Yurvina would tell anyone considering a career in construction, especially women, "Never be afraid to try something new." After all, that's exactly what she did.



Christina Lara

Christina Lara comes from a construction family; both of her parents retired from Laborers Local 300. Prior to this project, Christina installed industrial water pipelines in Pasadena. In the beginning of 2022, Christina followed in her parents' footsteps and became a Journeyman for Local 300. Shortly afterwards, Christina began to work on her first tunnels project, Metro's Purple Line Extension 3. At this project Christina has learned a lot from her colleagues and was recently promoted to a Miner position, which is an opportunity that few women have. In her position, Christina spends the entirety of her shift working underground as a bottom lander, where it is her responsibility to support the ongoing work in the tunnels by coordinating equipment going back and forth to the surface. So, while her work can be exhausting, it is also rewarding. "At the end of the day, you feel like you've had a purpose" she explains, "You've been successful in achieving something".



Dezdon Lewis

Dezdon Lewis was recently awarded the prestigious “Participant of the Year” award from Playa Vista Jobs (PV Jobs) and a Certificate of Recognition from Congresswoman Lucille Roybal-Allard. After being incarcerated for a number of years, Dezdon knew it was time to make a change and teamed up with PV Jobs, who helped him get a job placement within the building trades on Metro’s Crenshaw/LAX Transit Corridor project. For Dezdon, what began as an entry-level ditch digging position has transitioned into a role of leadership and responsibility, where he is now an Inspector in Charge of Segment Eight Health, Safety and Environment on the project. Dezdon recounts his journey from his time in the criminal justice system to his new leadership role, and actively encourages former inmates to “look above” their situations, create life goals and stick to them.



Belia Lopez

Belia has always taken a nontraditional approach to life. Since her youth, she has always enjoyed working with her hands and was always fascinated with figuring out how things work. After working in autobody shops for over five years, Belia decided it was time to make a change. The construction industry seemed like a natural transition and she enrolled in an MC3 training program. Belia is currently a 1st Period Apprentice with IBEW Local 11 and is working as an electrician on Metro’s Purple Line Extension, Section 1 project. Belia states that she has enjoyed every aspect of the challenges she has faced in the construction industry and looks forward to continuing her personal growth and development in the trades.



John Mackey

John Mackey works on the Regional Connector project in downtown Los Angeles. Although he struggled with finding a job, he says his new position changed his life dramatically and has allowed him to successfully save money, and he plans to start his own business. Due to this job, he is no longer living at the LA Mission on Skid Row and has moved to a transitional living home. John compared his new job on the Regional Connector project to “winning the lottery.”



Marelly Mendoza

Marelly Mendoza is a single mother of four and native of Los Angeles, California. A few years ago, she was introduced to construction by family and found her calling in the building trades. Since then, she has completed the Laborer’s Training Academy and began her career in the trades as Laborer with Local 300. Marelly’s journey in the trades has led her to work on mega projects, including Metro’s Crenshaw/LAX Transit Corridor and most recently, Metro’s Purple Line Extension, Section 2.



Ricshawn Moore

Growing up, Ricshawn Moore faced all of the challenges many of our young men face in today’s communities. Raised by a hardworking mother in Compton after his father passed away when Ricshawn was just two, he spent too much time on the streets as a teen and ended up struggling with gangs. Ricshawn kept an open mind, worked hard and today is earning a living as a union-scale laborer on the much-anticipated Crenshaw/LAX Transit Corridor Project.



Cynthia Piña

Cynthia Piña grew up in Rosemead, CA, and moved to Watts 10 years ago. During her time in Watts, she became involved with the wrong crowd and moved in and out of the justice system. As a mother of two, she was determined to turn her life around. She enrolled herself in a pre-apprenticeship program and upon completion was hired as a Laborer (Local 300) on the Westside Purple Line Subway Extension Project, Section 1. Through hard work and dedication, Cynthia now is a 4th Period Apprentice, continually learning new skills and progressing in her trade.



Lance Reed

Raised in Whittier, California, Lance Reed began his career in construction when a representative from the Laborers’ Union visited the prison where he was incarcerated. The union offered a training program to help prepare individuals to apply for jobs in the industry, and Lance saw this as a chance to set himself up for success after his release. Lance was eventually hired by Valverde Construction, and today he is a General Superintendent. He manages field operations for Valverde Construction on Sections 2 and 3, where he mostly works underground, relocating and installing utility lines. Lance is proud of the work he does and looks forward to the project’s completion, when he can visit the finished stations with his children and grandchildren to show them what he helped build. “If you never give up and continue working hard,” Lance says, “anything can be done.”



Petra Sanchez

Petra Sanchez is a single mother of two and a former Jobs Coordinator for Women in Non-Traditional Employment Roles, (WINTER). When her role with WINTER came to an end, Petra decided that she would pursue the very same path she had been leading other women to pursue in WINTER’s pre-apprenticeship training program. Since completing her training, Petra has been working on Metro’s Crenshaw/LAX Transit Corridor project as an Operating Engineer. Petra states that this new opportunity has provided the stability and flexibility that she was looking for and she is thrilled to be part of the city’s transportation future.



Kimberly Taylor

Kimberly Taylor is a veteran of the construction industry. Seven years ago she decided that she wanted to be part of something more challenging, both mentally and physically; and she decided that construction was the career for her. Today, Kimberly is working on Metro's Westside Purple Line Extension Project as a Gas Detection Technician. Kimberly plays a vital role not only ensuring the safety of her fellow workers on this project but also keeping the project on schedule. She is proud of the work she does and the impact that women like her have made in this industry.



Jason Thomas

After spending some time in prison, Jason Thomas attended a pre-apprenticeship boot camp sponsored by the Los Angeles County Federation of Labor/LAOC Building Trades, Los Angeles Trade Technical College and ARC. The day after his graduation, Jason interviewed with Walsh Shea Corridor Constructors, and now is working on the Crenshaw/LAX Transit Corridor project, as an Operating Engineer (Local 12).



Angel Valles

Angel Valles is relatively new to the construction industry having only entered the "My Brother's Keeper" program for construction pre-apprentice training last year. Since then, Angel has relished the opportunity to develop the skills necessary to have an impactful and lasting career in the industry as a Carpenter. For the past seven months, she has been working as a 1st Period Apprentice on Metro's Regional Connector Transit Corridor project. When asked what triggered her interest in the trades, Angel responded, "I wanted a physically demanding career that would allow me to use my hands and teach me the skills I need to become a better carpenter."



Lorrie Williams

Lorrie is a 3rd Period Apprentice from the Pile Drivers/Carpenters Union working on the Regional Connector project. Lorrie started her career in the trades later than most, having spent many years working in refineries as fire-watch and performing other related tasks. Lorrie decided that she wanted to know more about the construction industry and work in something more hands on, which led her to join the trades. After completing the Maxine Waters MC3 program, Lorrie attended an event where she met representatives from Skanska, the prime contractor for the Regional Connector project. Lorrie found that safety is a big area of interest for her and hopes to work in safety coordination one day. Currently, she holds eight OSHA certificates and is working on obtaining the Construction Health and Safety Technician (CHST) certificate. Lorrie wakes up happy to go to work and loves that she can be a part of history by shaping the LA landscape for future generations.



Whitney Winans

Whitney Winans, a determined 25-year-old from Compton, CA, who now resides in South Los Angeles, does not let anything stand in the way of her success. As a participant of the Southwest Carpenters Training through the "My Brother's Keeper" program, Whitney is now a 1st Period Apprentice working on the Crenshaw/LAX Transit Corridor Project. Whitney encourages other young women to consider a career in construction.



Marvin Wong

Marvin Wong started his career in construction in 2016, after serving as a United States Marine from 2003 to 2007. Once Marvin left the service and returned home, he fell into trouble and faced some legal issues, resulting in him serving time in prison. After his release, Marvin resided at the VA transitional housing, and wanted to change his life and get back on track. At the VA, Marvin was referred to a construction pre-apprenticeship program with Career Expansions, Inc. After graduating from the program, he was later sent to the Westside Purple Line Project 1 project and was hired as a First Period Apprentice. Through his newfound employment, Marvin has risen through the ranks quickly and will soon be at a Journey level. Marvin's success has afforded him to gain a stable lifestyle and the opportunity to purchase his first home. Today, Marvin speaks to other veterans about the construction industry and how the benefits can change their lives as it has done for him.

Pilot Local Hire Initiatives

The Federal Transit Administration (FTA) has announced an initiative to permit FTA recipients and subrecipients to utilize geographic, economic, or other hiring preferences on FTA-Funded construction projects. This initiative will be carried out as a pilot program for a period of four years (unless extended) under authority provided in the Consolidated Appropriations Act, 2021, the Federal grants management regulation, and a recent Office of Management and Budget Memorandum (March 19, 2021).

The new Pilot Local Hire Initiative enables Metro to implement local hiring requirements on United States Department of Transportation (USDOT) contract opportunities advertised during the four-year pilot period of May 21, 2021 through May 21, 2025.

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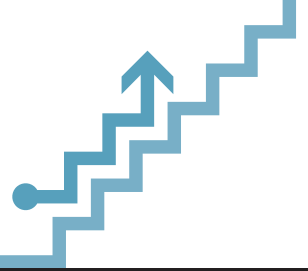
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Women in the Trades Resource Guide

A Comprehensive Guide to Recruit, Employ
and Retain Women in Construction Careers




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Encouraging Contractors to Increase Women's Workforce Participation on Metro Construction Projects

The purpose of this resource guide is to provide insight and best practices to contractors and female workers in the construction industry. This guide should be used as a toolkit for contractors to recruit, employ and retain women in construction careers. Metro encourages contractors to not only use the resources in this guide, but to share this information with their subcontractors, jobs coordinators, site foreman and construction workers. Additionally, contractors are to use the toolkit to promote an inclusive workforce to foster a safe, productive and diverse work environment.

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1. Outreach Strategies

An effective outreach strategy is critical in reaching women candidates interested in construction careers. Contractors should conduct outreach for each construction project and should participate in events sponsored by community-based organizations. Examples of the most effective outreach strategies include:

a. Conduct outreach job fairs for your construction projects.

- > Invite jobs coordinators, Metro staff and the Los Angeles/ Orange County Building and Construction Trades Council (LA/OCBCTC) to attend your outreach event and provide support. Contact the joint labor-management apprenticeship programs of the building trades-affiliated unions: laocbuildingtrades.org/apprenticeship-building-trades.
- > Conduct job fairs prior to the start of the construction project, periodically, or as needed as appropriate on large projects.
- > Properly advertise the job fair to receive maximum participation and highlight the opportunities and benefits that can spark interest for women construction workers in your advertisement.

b. Establish a collaborative workforce network with the job coordinators and workforce partners, such as America's Job Centers of California (AJCC). Participate in their outreach events, which are listed on their websites. A few of the workforce partner organizations are:

1. Women Build Metro Los Angeles outreach events
2. Women in Non-Traditional Employment Roles (W.I.N.T.E.R.)
3. Flintridge Center
4. LAX Pre-Apprentice Construction Training
5. Playa Vista Jobs (PV Jobs)
6. 2nd Call
7. Friends Outside in Los Angeles County
8. Youth Build

C. Utilize Los Angeles WorkSource Centers/AJCCs to sponsor or host on-site recruitments at their locations. Publicize your efforts to attract the candidate pool in which you need to fulfill your specialized hiring requirements. Below is a list of Los Angeles City and County-funded WorkSource/AJCC centers that have construction sector recruiting and/or training initiatives.

1. Goodwill Industries (Northeast Los Angeles WorkSource Center): info@goodwillsocal.org
2. Coalition for Responsible Community Development (Vernon – Central/LA Trade Tech College WorkSource Center): coalitionrcd.org
3. Arbor ResCare East Los Angeles:
rescare.com/workforceservices/locations/?state=California
4. Managed Career Solutions (MCS) Pomona Valley:
mcsocalifornia.com/locations
5. El Proyecto del Barrio (Sun Valley WorkSource Center):
elproyecto.us
6. Harbor Gateway (Harbor/San Pedro WorkSource Center):
pacific-gateway.org/harbor
7. South Los Angeles (LA Southwest College):
jvsla.org
8. South Bay/Inglewood One Stop: sbwib.org/home
9. Housing Authority of the City of Los Angeles: (HACLA Watts WorkSource) Center: ewddlacity.com/index.php/employment-services/adults-age-24-and-older/worksource-centers#watts-los-angeles
10. Asian American Drug Abuse Program (AADAP West Adams WorkSource Center): aadapinc.org
11. Veterans AJCC (Bob Hope Patriotic Hall, LA): jvs-socal.org/programs-and-services/worksource-center-services/overview

12. United Auto Workers (UAW Crenshaw South Los Angeles WorkSource Center): *letc.com*
13. Watts Labor Community Action Committee (WLCAC Watts WorkSource Center): *wlcac.org*
14. Pacific Asian Consortium in Employment (PACE WorkSource Center): *pacela.org*

d. Coordinate with Metro’s Workforce Initiative Now-Los Angeles (WIN-LA) to provide supportive services and career coaching for candidates seeking careers in the construction industry. To learn more about WIN-LA, please visit winla.metro.net.

e. Coordinate with local Employment Development Department (EDD) office to track unemployed candidates through their base wage file and statewide database.

f. Coordinate with Metro staff to utilize Metro’s social media platforms (i.e. Facebook, Instagram, popular online job banks and event pages to reach potential candidates).

g. E-blast your recruitment event flyers to share outreach efforts with community-based organizations and workforce partners.

h. Attend workforce development meetings focused on providing training and employment opportunities for women in the construction industry.

i. Participate in outreach events within the community, community colleges and vocational training schools.

1. Women Build Metro Los Angeles-Apprenticeship Readiness Fairs
2. LA Metro Community Outreach and Veteran Events
3. Los Angeles Community Job Fairs
4. Los Angeles Trade Technical College Job Fairs
5. Los Angeles Economic Development Department (EDD) Job Fairs
6. California Community Connection Corporation (C4) Construction & Associated Careers Awareness Day (Los Angeles Trade Technical College)

Keep records of all outreach activities as required by your PLA/CCP contractor and jobs coordinator responsibilities. Inform PLA/CCP staff of outreach events to be posted on Metro’s PLA/CCP upcoming events page.



2. Recruitment

Best practices for a successful recruitment are the pillars of every great employment hire. By utilizing the suggested best practices below, one can effectively outreach to skilled and qualified construction applicants.

- a.** Contractors and jobs coordinators must have an accurate understanding of open and upcoming craft positions that need to be filled.
- b.** The contractor's Employment Hiring Plan (EHP) should also include estimates of which crafts will be needed and when they should be used during the project.
- c.** In the event a contractor's workforce participation has a female percentage below 6.9%, their hiring focus should be on recruiting female workers for the crafts to be used for upcoming scopes of work.
- d.** The contractor should assess their outreach efforts and follow up with workforce partners through the job coordinator to receive possible candidates that are qualified for the upcoming scopes of work.
- e.** Host your recruitment event at a location that is easily accessible for candidates, such as America's Job Center, Union Hall, or a community-based organization facility, such as Inglewood One Stop, LAUSD MC3 Location, Local 300 Bootcamp location.

- f.** Work with Metro staff to advertise your recruitment by posting to LA Metro’s social media platforms (i.e. Facebook, Instagram, as well as popular online job banks, or event pages).
- g.** E-blast flyers of recruitment events to reach the maximum number of female candidates as possible.
- h.** Work with your community-based organization partner to assist with prescreening, recruiting and scheduling interviews with candidates prior to the recruitment event.
- i.** Ensure that new candidates entering the construction field have been enrolled in or have completed the MC3 training curriculum. Refer to Section 7.
- j.** Track the status of interviewed candidates and create a list of potential recruits that have not yet been selected. This list should be utilized when future hiring needs arise.
- k.** Utilize the *Request for Craft Employees* form and keep record of your requests. The Request for Craft Employees form is used to request workers that help the contractor meet their Targeted Worker, Apprentice Worker, Disadvantaged Worker, Minority and Female Worker percentage goals.

3. Training Resources / Pre-Apprenticeship Recruitment

The following is a list of Pre-Apprenticeship training programs approved by the Building Trades (LA/OCBCTC) that offer the MC3 curriculum. Please see Attachment A for additional information.

1. Anti-Recidivism Coalition
2. Flintridge Center
3. Women in Non-Traditional Employment Roles (WINTER)
4. Antelope Valley College
5. Cerritos College
6. Career Expansion, Inc.
7. Long Beach City College

8. Los Angeles Southwest College
9. Los Angeles Trade Tech College
10. Los Angeles Unified School District Local District North West (High School Programs)
11. YouthBuild Charter School of California (16- to 24-year-olds, 15 locations in LA County)
12. Los Angeles Unified School District Adult Education/ East Los Angeles Occupational
13. Los Angeles Unified School District Adult Education/ Maxine Waters Employment Preparation Center

Contractors must ensure that all new construction candidates have enrolled in an MC3 training course. It is important for contractors to use job coordinators that will refer MC3 graduates to contractors and LA/OCBCTC-recognized apprenticeship training facilities.



4. Worker Retention

Contractors are highly encouraged to focus on retaining female workers. Some best practices for retention are listed below.

- a.** Work with Metro staff and job coordinators to transition workers from projects that are 80% complete to lower any lag time from one project to the next. Utilize the *Female Worker Transition Tracking* sheet to support this effort.
- b.** Implement gender-specific portable toilets on the construction site.
- c.** Engage female workers and offer training and support for career advancement.
- d.** Allow new construction workers to job shadow other apprentices and/or journeymen.
- e.** Create a women's supportive network group on the project/ worksite during the onboarding process. This will allow new female employees to gain both professional and personal support from their peers.
- f.** Network with other job coordinators to assist with placing women on other regional construction projects.
- g.** Be proactive! Encourage your workers to learn additional skills in their trade that will allow for advancement in their trade.
- h.** Provide supportive resources for workers, such as child care, transportation, gender-specific restrooms, financial literacy, a harassment free workplace, and other services mentioned in Section 7.



5. Worksite Best Practices

- a.** Ensure all construction staff are aware that the construction site has a zero tolerance for discrimination and sexual harassment.
- b.** Post Equal Employment Opportunity, Non-Discrimination and Sexual Harassment policies in inconspicuous locations at the project site.
- c.** Implement separate male and female restrooms for privacy.
- d.** Follow up with female construction apprentices to ensure they are learning new skills and preparing for advancement.
- e.** Consider implementing child care services for construction workers, or build relationships with service providers to foster assistance with child care.
- f.** Consider joining business networking groups that are specific to the construction industry, or can be a pipeline to recruiting new construction candidates.

6. Contractor Dos and Don'ts

Outreach Dos

1. Conduct outreach events/job fairs for your construction projects.
2. Work with your job coordinators and Metro PLA/CCP staff when implementing outreach events.
3. Maintain an open line of communication with your job coordinator.
4. Work with your local community-based organizations, as well as the city and county WorkSource Centers with outreach efforts.
5. Know your local America's Job Centers of California (AJCC) and Employment Development Department (EDD) office to locate unemployed female construction workers.
6. Advertise and promote outreach efforts on social media outlets.
7. Create a strong community-based e-mail distribution list to e-blast outreach events.
8. Build relationships with local vocational schools for outreach and recruiting events.

Outreach Don'ts

1. Do not forget to stress that Metro strives to increase the representation of females on Metro construction projects.
2. Do not work in silos. Work with your job coordinator for outreach, recruitment, retention and other PLA/CCP requirements.
3. Do not disengage with the community. Inform community-based organizations and partners of your upcoming projects and/or current projects with Metro.
4. Do not solely promote outreach efforts internally. Use social media.
5. Do not hold outreach events during the same time. (Example: always 8-11 am on Fridays). Host events at different times to allow female candidates with various schedules the opportunity to attend.

Recruitment Dos

1. Meet regularly (weekly or monthly) with your job coordinator to understand the project's workforce needs.
2. Review the project's Employment Hiring Plan (EHP) and utilize the Request for Craft Employees form to recruit women and under-represented workers for the project.
3. Find qualified candidates through your job coordinator and their workforce partners.

4. Host recruitments at easily accessible locations to hire female and targeted workers, such as local AJCCs, WorkSource Centers, union halls, and other community-based organizations.
5. Use social media to promote your recruiting efforts (i.e.) Instagram, Facebook, LinkedIn, Indeed.com, Construction Jobs, Inc., (*constructionjobs.com*).
6. Provide support for your job coordinator's recruitment efforts. Supply signage, job availability, access to prime contractor business agents and recruiters, upcoming craft or training openings, marketing materials, etc.
7. Communicate with Metro when hiring issues arise (both positive and negative).
8. Share Best Practices at Metro job coordinator quarterly meetings.
9. Highlight female participation success stories.

Recruitment Don'ts

1. Do not ignore or circumvent your job coordinator's efforts.
2. Do not dismiss your Targeted Worker Summary Report as this identifies where the project's workforce needs exist.
3. Do not implement hiring practices without using the **Request for Craft Employees** form. This form can be referenced as proof of your efforts to recruit female workers and comply with PLA/CCP requirements.

Training Resources/Pre-Apprenticeship Recruitment Dos

1. Work closely with your job coordinator to develop relationships with MC3 approved pre-apprentice training facilities to refer candidates interested in construction careers.
2. Closely review the Targeted Worker Summary Reports for your project and tailor your recruitments to address low female participation and other low categories.
3. Use the approved Request for Craft Employees form to recruit workers for the project. Use this form to recruit female and minority workers to document your efforts to promote a diverse workforce.

Training Resources/Pre-Apprenticeship Recruitment Don'ts

1. Do not refer potential construction candidates to non-MC3 pre-apprenticeship training schools. The MC3 Curriculum is proven to assist with training job-ready construction candidates and maintain strong retention on projects.
2. Do not ignore the Targeted Worker Summary Report, or **Request for Craft Employee** form. Identify if and when a recruitment will be needed to continue to maintain your efforts of having a diverse workforce.

7. Construction Resource Services

Women's Support Services, FamilySource, WorkSource and YouthSource Services

Bradley/Milken Family Source Center	1773 E Century Bl LA, CA 90002	213.473.3607	cdd.lacity.org/fam_index.html
WLCAC (Watts Action Labor Community Action Committee) FamilySource, & WorkSource Center	1212 E 108th St LA, CA 90059	323.563.5639	wlcac.org
HACLA (Housing Authority of the City of Los Angeles) Imperial Courts	2220 E 114th St LA, CA 90059	323.249.7751	ewddlacity.com/index.php/employment-services/adults-age-24-and-older/worksource-centers#watts-los-angeles
1736 Family Crisis Center (emergency crisis, legal, youth, and mental health services)	2116 Arlington Av LA, CA 90018	323.737.3900	1736familycrisiscenter.org
NEW Economics for Women Family Source Center	Los Angeles & Valley Locations	213.483.2060	neweconomicsforwomen.org
El Nido Family Source Center	4060 S Figueroa St LA, CA 90037	323.998.0093	elnidofamilycenters.org
Brotherhood Crusade YouthSource Center (after-school program/tutoring)	4401 Crenshaw Bl LA, CA 90043	323.545.1130	brotherhoodcrusade.org/venue/youthsource-center
Vernon Central WorkSource Center	400 W Washington Bl, LA, CA 90015	213.763.5951	coalitionrcd.org
Archdiocesan South LA – Exposition Park YouthSource Center	4060 S Figueroa St, LA, CA 90037	323.731.8596	ayela.org
Challengers Boys & Girls Club (before- and after-school pick up & drop off)	5029 S Vermont Av, LA, CA 90037	323.971.6161	bgcmla.org

Para Los Niño's Pico Union/Central LA YouthSource Center	234 S Loma Dr LA, CA 90026	213.413.1466	paralosninos.org/services/student-community-services/youth-workforce-services
CRCD (Coalition for Responsible Community Development) VCN YouthSource Center	1006 E 28th St LA, CA 90011	323.521.1910 x 210	coalitionrcd.org

Child Care & After-School Programs

Crystal Stairs, Inc. (child care services)	5110 Goldleaf Cir LA, CA 90056	323.299.8998	crystalstairs.org
Children's Collective, Inc. (child day care, women & family services)	8616 La Tijera Bl Suite 100 LA, CA 90045	310.733.4388	childrenscollective.org
After-School All-Stars	5670 Wilshire Bl Suite 620 LA, CA 90036	323.938-3232	afterschoolallstars.org
Youth Policy Institute (YPI)	6464 Sunset Bl Suite 650 LA, CA 90028	800.999.6877	ypiusa.org
LA's Best Afterschool Enrichment	711 E 14th Pl LA, CA 90021	213.745.1900	lasbest.org
arc After School Programs (elementary, middle and high schools)	370 Amapola Av Suite 208 Torrance, CA 90501	310.671.4400	arc-experience.com/programs/los-angeles
YMCA (before- and after-school care)		213.380.6448	ymcala.org/metro/classes/school-age-child-care
MOMSLA (after-school, summer camps, and more)			info@MomsLA.com https://momsla.com/11-school-programs-los-angeles
LA County Parks & Recreation Centers (homework clubs, sports)			http://parks.lacounty.gov/kids-family/?row=1#afterSchoolProgramsColumn
LA Public Library System (Youth STEAM=Science! Technology! Engineering! Art! Math! academic, homework club & adult literacy tutoring)			lapl.org/steam/welcome

Gender Sensitivity & Management Training Resources

Traliant On-Line Sensitivity Training	929.223.4336	traliant.com/online-anti-harassment-anti-discrimination-sensitivity-training
Minority Aids Project, (M.A.P.)	323.936.4949	minorityaidsproject.org
Southern California Sanitation (Port-O-Potty Rental)	800.850.8871 Construction Sales: 626.786.4479	southerncaliforniasanitation.com
A&J Portables Los Angeles, Orange, Riverside & San Bernardino	562.299.8582	ajportabletoilets.com
National Construction Rentals	323.838.1800	rentnational.com/los-angeles
Eagle Portables, Inc.	310.537.0516	eagleportables.com
Associated General Contractors of America (AGC) On-Line Gender Sensitivity Training		www.agc.org/learn/resource-library/training-video-diversity-rules-harassment-sensitivity-correction-training
Pro Trade Craft Breaking Down Gender Bias: A Tool Kit for Construction Business Owners		protradecraft.com/breaking-down-gender-bias-toolkit-construction-business-owners
Slide Share on LinkedIn		slideshare.net/MrP26/basic-gender-sensitivity-training

Ex-Offender/New Contributor Resources

PV Jobs	4112 S Main St LA, CA 90037	323.432.3955	pvjobs.org
Shields for Families	11601 S Western Av, LA, CA 90047	213.242.5000	shieldsforfamilies.org/contact-us
Friends Outside	1827 E 103rd St LA, CA 90002	323.249.9683	friendsoutsidela.org
Volunteers of America Los Angeles	543 Crocker St LA, CA 90013	213.286.0333	voala.org
Timelist	3801 Somerset Dr LA, CA 90008	323.389.8664	timelistgroup.org
Clean 360	212 W Regent St Inglewood, CA 90301	424.702.5555	clean360.org

Homeboy Industries (gang/ex-offender training and employment)	130 W Bruno St LA, CA 90012	323.526.1254	homeboyindustries.org
Legal Aid Foundation (various locations within LA County)		800.399.4529	lafla.org
California Department of Corrections and Rehabilitation Female Offender Treatment & Employment Program	Various Locations throughout Southern California		cdcr.ca.gov/rehabilitation/FOTEP.html
Help For Felons			helpforfelons.org
LARRP (The Los Angeles Regional Reentry Partnership)			lareentry.org
Jobs for Felons Hub			jobsforfelonshub.com

Healthcare/Housing Resources

WIC (Women Infants & Children)		855.942.7867 WICVendorInfo@ cdph.ca.gov	cdph.ca.gov/Programs/CFH/DWICSN/Pages/Program-Landing1.aspx
South LA Health Projects (women & children's health services)	2930 W Imperial Highway, Suite 601, Inglewood, CA 90303	323.757.7244	slahp.org
South Central Family Health Center	4425 S Central Av LA, CA 90011	323.908.4200	scfhc.org
Watts Health Care	Various locations throughout South LA	323.564.4331	wattshealth.org
Village Health	4077 W. Pico Bl LA, CA 90019	323.733.0471	villagehealthfoundation.org
California Black Women's Health Project	9800 S La Cienega Bl, Suite 905 Inglewood, CA 90301	310.412.1828	cabwhp.org
T.H.E. Clinic, Inc.	Various locations in Los Angeles & South LA	323.730.1920	tohelpeveryone.org

Healthcare/Housing Resources (cont.)

Umma Community Clinic	711 W Florence Av LA, CA, 90044	323.789.5610	ummaclinic.org
H.O.P.I.C.S. Homeless Outreach Program/Integrated Care System	5715 S Broadway, LA, CA 90037	323.948.0444	hopics.org
P.A.T.H. People Assisting the Homeless	Los Angeles, Hollywood, & Ventura locations	323.644.2200	epath.org
Union Rescue Mission	545 S San Pedro St, LA, CA 90013	213.347.6300	urm.org
The Los Angeles Homeless Services Authority (LAHSA)	811 Wilshire Bl Suite 600 LA, CA 90017	231.683.3333	lahsa.org
L.A. Opportunity Youth Collaborative “Ruth’s Place”	4775 S Broadway LA, CA 90037	323.432.8440	laoyc.org/location/ ruths-place
Operation HOPE (home buyers program)	707 Wilshire Bl LA, CA 90017	213.891.2900	operationhope.org
Jenesse Center, Inc. (domestic violence shelter)		323.299.9496 800.479.7328	jenesse.org
Covered California			healthofcalifornia.com
Good Shepherd Shelter (domestic violence shelter)			goodshepherdshelter.org
Los Angeles County Housing Resource Center			housing.lacounty.gov

Financial Literacy Resources

LA Public Library Financial Literacy Training	630 W 5th St LA, CA 90071	213.228.7700	lapl.org/money-matters
U.S. Small Business Administration	330 N Brand Bl Suite 1200 Glendale, CA 91203	818.552.3437	sba.gov/learning-center.org
MCS Hollywood BusinessSource Center	4311 Melrose Av LA, CA 90028	323.454.6115	mcscalifornia.com/hollywood-businesssource
Vermont Slauson Economic Development Corporation BusinessSource Center	1130 W Slauson Av LA, CA 90044	323.753.2335	vsedc.org
West Angeles Community Development Corp.	6028 Crenshaw Bl LA, CA 90043	323.751.3440	westangelescdc.org/financial-literacy
PACE Women's Business Center	1055 Wilshire Bl Suite 900B LA, CA 90017	323.353.9400	pacelabdc.org/programs-and-services/small-business-consulting-services
Operation HOPE	(Located inside Los Angeles Youth Empowerment) 750 W 7th St LA, CA 90081		operationhope.org/losangeles
CalCPA Education Foundation			www.calcpa.org

The provided list of services and providers is to be used as a guide, and is not inclusive of all services and providers in the LA region.

Contact Us

For more information, please visit metro.net/pla or contact Metro's Diversity & Economic Opportunity Department:

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Project Labor Agreement (PLA)/
Construction Careers Policy (CCP) Report
Construction Committee
May 18, 2023

PLA/CCP Program Achievements

- **13 Active Construction Projects**
 - **7 projects subject to Local Hire Initiative**
- **Attainment - Program Inception to December 2022**
 - 58.13% Economically Disadvantaged
 - 21.44% Apprentice
 - 10.83% Disadvantaged
- **>\$491 Million paid to Targeted Workers ***
 - **>\$91 Million paid to Disadvantaged Workers ***
 - **>\$135 Million paid to Apprentice Workers****
- **Exceeded Targeted/Apprentice/Disadvantaged Worker Goals**
- **No work stoppages or lockouts**



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(*Based on the lowest laborers rate as of June 2017)
(**Based on the lowest apprentice rate as of January 2017)
(Workers may fall into multiple categories)

Female Participation Score Card

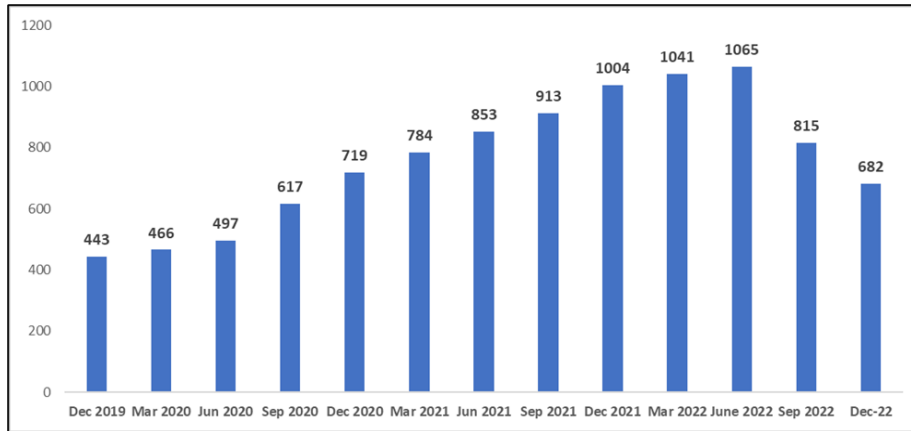
❖ Overall female participation attainment is 3.72%

❖ Highest rating as of FY23 Q2 reporting is A grade



Female Participation

- Below is a chart of no of females within the last two years on construction projects

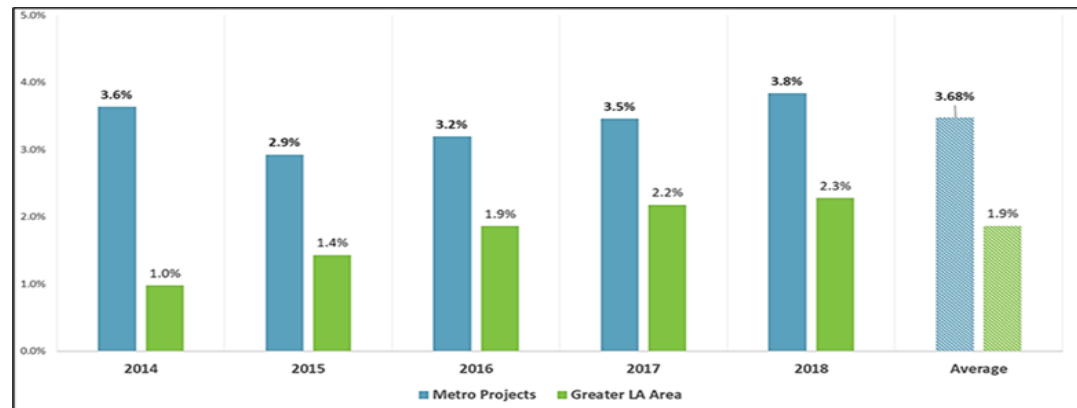


Source: As reported by the prime contractors

As of this reporting period a decrease in the no. of females due to completion of CLAX and near completion of RCC projects.

Staff is currently working with the unions and jobs coordinators to refer females that recently completed their work assignments and are out of work to other active Metro construction projects.

- The following chart represent Metro female participation by year in comparison to other non-Metro projects in the region



Source: Estolano Lesar Advisor - Disparity Study



Women in the Trades Action Plan

- Metro and Laborers Union (Local 300) are in collaboration to establish a tunnel worker training facility in the LA region. Target date to start Fall/Winter 2023.
- Metro to plan a Joint Awareness Campaign in collaboration with LAOCBTC, union trades, prime contractors, and community-based organization with a focus of building future workforce capacity with special focus on females.
 - Launch website connecting females into pre-apprenticeship training programs by Summer 2023.
- Collaborate with Women in Non-Traditional Employment Role (WINTER) to continuously seek grant opportunities to help empower, train, educate and prepare women for transformative careers in the construction industry. In addition, Metro shall provide continuous employment referral to female graduates of WINTER on Metro project sites.
- Collaborate with LA County WDACS in the recruiting females interested to start a career in construction and establish a system of an ongoing referral to pre-apprenticeship programs
- Staff is currently working on a refresh on the female construction workforce disparity study and will report back to the Board on findings and recommendations of the study.



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Thank you



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