

# Memorandum

**To:** TJPA Board of Directors

**From:** Mark Zabaneh, Interim Executive Director

**Date:** For the Board Meeting of July 14, 2016

**Re:** Project Labor Agreement Status Report

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The Project Labor Agreement (PLA) for the Transbay Transit Center Program was approved on November 10, 2011. The PLA is designed to ensure labor harmony and equal opportunity for small, local, disadvantaged, union, and non-union businesses throughout construction, providing standardized working conditions and wages. This quarterly report provides information on the status of the administration of the PLA and the apprenticeship plan that was developed in conjunction with the PLA.

## **PROJECT LABOR/LABOR HARMONY/ ACCESS TO SKILLED LABOR POOL**

No work stoppages or labor incidents have affected construction on the project. The Construction Manager/General Contractor Webcor/Obayashi (W/O) and its trade subcontractors have reported no issues accessing skilled labor in sufficient numbers, and each trade subcontractor's workforce demands have been met.

A breakdown of labor by trade and county of residence compiled through June 16, 2016, by Turner Construction, the TJPA's construction management oversight consultant, for the monthly construction update is shown in the two tables that follow:

<b>Trade</b>	<b>Total Workers on TTC &amp; Utilities</b>
Inspectors – Soils / Material Test	43
Carpenters and Related Trades	431
Cement Mason	123
Electrical – Utility Lineman	30
Electrician	131
Field Surveyor	44
Iron Worker	1088
Laborer and Related Trades	996
Operating Engineer	551
Pile Drivers	242
Plumber	55
Roofer and Waterproofer	44
Sheet Metal	16
Teamsters	197
Tile Setters / Finishers	7
Water Well Driller	9
Bricklayer / Brick Tender	31
Plasters	11

<b>Trade</b>	<b>Total Workers on TTC &amp; Utilities</b>
Drywall / Lather	7
Painter	9
Glazier	7
<b>Total</b>	<b>4,073</b>

<b>Area</b>	<b>Hours Through June 16, 2016</b>	<b>Percentage of Total Hours</b>
East Bay (Alameda, Contra Costa, Solano)	1,005,339	43%
North Bay (Marin, Napa, Sonoma)	90,046	4%
South Bay (San Mateo, Santa Clara)	218,423	9%
San Francisco	367,147	15%
Other	673,601	29%
<b>Total</b>	<b>2,354,556</b>	<b>100%</b>

Note: 'Other' includes workers from throughout California including the Central Valley and workers from out of state who are on site for specific tasks.

## **SAFETY**

During the second quarter of 2016, there were three OSHA recordable safety incidents. The three recordable incidents included a Shimmick Construction employee injured his thumb while drilling holes in a steel plate, an Olson Steel employee was hit on the neck by a beam clamp accidentally dropped by another Olson employee and a Best Waterproofing employee who cut his leg requiring stitches. The safety incidents have been reviewed and corrective actions have been put in place.

## **JOINT ADMINISTRATIVE COMMITTEE**

The eighteenth meeting of the Joint Administrative Committee was held on June 16, 2016. Senior Construction Manager, Dennis Turchon, presented the update. A number of key milestones were discussed including:

- Over 2.3 million craft hours have been completed to date, excluding demolition.
- Formwork, rebar and concrete placement for the southwest part of the train box lid continues in the Western Zone.
- Electrical room concrete and concrete masonry unit wall installation is in progress in the Western and Central zones.
- Mechanical, electrical, plumbing and fireproofing trades continue with piping and HVAC duct work at all levels in the Central Zone, with a focus on the lower concourse level.
- Awning, metal panel and curtain wall installation continues in the Central Zone.
- Structural steel welding and bolting punch-list work was completed in the Eastern Zone.
- Eastern Zone concrete pours for the eyebrows and decks continue on all levels.
- Bus Ramp abutment, mechanically stabilized earth wall and retaining wall work continues.

- Bus Ramp Frame 4 stem and soffit concrete placement was completed.
- Bus Ramp falsework erection near Clementina Street including the bus turnaround continues.

Interim Executive Director, Mark Zabaneh, presented the DTX program update, including:

- Review of existing DTX scope and key modifications from the supplemental environmental impact study/report.
- Federal Record of Decision is expected by the end of 2016.
- Review of tunneling options, including cut-and-cover and mined tunnel approaches.
- Current DTX cost estimate including Program contingency, Program Reserve and BART/Muni Pedestrian Connector tunnel.
- Review of DTX funding plan and funding scenarios.

## **PROGRESS TO DATE – VETERANS**

### ➤ Webcor/Obayashi (Webcor)

- Over 40 Webcor employees and family members participated in the Helmets to Hardhats event “Strikeouts for Vets” at the SF Giants game on April 25.
- Webcor Concrete donated to the Wine Country Marines in support of the Marine Corps Muster and Job Fair on April 9. From this event, three Marines were hired by Webcor and Webcor subcontractors.
- Future veteran career fairs and hiring events:
  - July 21, Santa Rosa Hire G.I.
  - August 9, Los Angeles Hiring Our Heroes
  - August 19, San Diego Hire G.I.
  - October 20, Golden Gate University in San Francisco
  - December TBD, Hiring Our Heroes event with the Golden State Warriors
- Webcor continues to work with United Contractors to place veterans into trade positions on the Transbay project or with other trade contractors.

### ➤ Unions

- In an effort to be respectful of other union jurisdictions, the local unions within San Francisco will be asking for permission from local unions in adjacent counties to participate in upcoming career fairs within those counties.
- Plumbers and Pipefitters Local Union No. 38 requested access to the Transit Center jobsite to take photos of its members for an upcoming newsletter. Nila Gonzales agreed to be the onsite point of contact.
- The unions are continuing to leverage Helmets to Hardhats to spread the word about “direct entry” apprenticeship opportunities.

## **PROGRESS TO DATE – ADULTS**

- Bill Blackwell, Plumbers and Pipefitters Local Union No. 38:
  - Plumbers and Pipefitters’ apprenticeship program totals nearly 500 people, the biggest it has ever been.
  - The most recent apprentice exam was held on Friday, June 10; 1,300 applicants were tested.
  - A new list of apprentice applicants will be started at the end of July to meet the demand.
  
- Peter Garza Sr., Carpenters Union Local No. 22:
  - Carpenters continue to maintain over 3,000 apprentices across the 46-county Northern California region.
  - Local 22 has approximately 350 apprentices.
  - Carpenters’ apprenticeship enrollment is open throughout the year; the apprenticeship program lasts three to four years.
  - Local 22 has a few new apprentices from John O’Connell High School and has asked Webcor/Obayashi to assist in their placement on local projects.
  
- Mike Theriault, SFBCTC:
  - SFBCTC continues to work with SFUSD on an articulation agreement for review by the joint apprenticeship and training committees. The goal is to link the multi-craft core curriculum program with entry into apprenticeship programs.

## **APPRENTICESHIPS**

The TJPA and the unions wish to use the economic activity generated by the design and construction of the Transit Center and related facilities to support meaningful job training. In order to facilitate professional and skilled trade development opportunities for high school students, the economically disadvantaged, and military veterans, as part of the PLA process, the TJPA has developed a plan to promote opportunities for youth and adults, particularly those from disadvantaged backgrounds, and veterans to enter careers in architecture, engineering, construction, and skilled trades.

Data on craft hours and apprentices is shown on the following pages. There are three charts that show apprenticeship/journeyman hours tracking by craft and by region, and all crafts and workforce projections by craft.

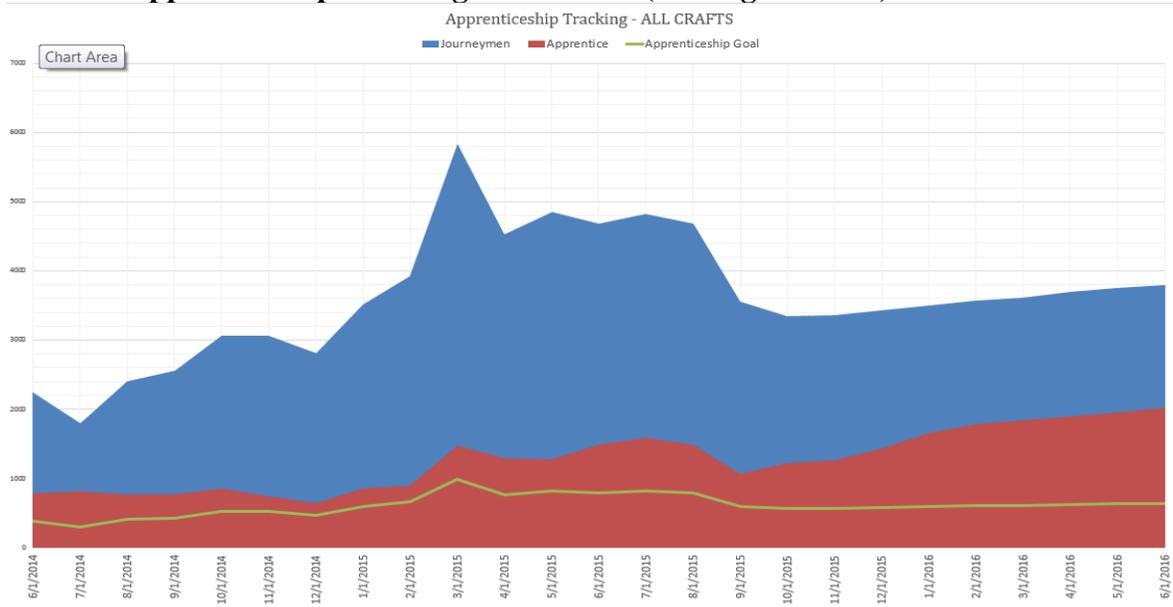
## Apprentices/Journeymen Hours Tracked by Craft (Through 6/16/16)

Apprentices/Journeymen Tracked by Craft					
CRAFT	Total Journeyman	# of Journeyman	Apprentice Total	# of Apprentice	Percentage of Apprentice vs the Total on Site
Labor	30,863.00	110.00	13,597.50	16.00	30.6%
CEMENT MASON	282.00	7.00	-	-	0.0%
DRYWALL INSTALLER/LATHER (CARPENTER)	1,306.00	26.00	16.00	2.00	1.2%
ELECTRICAL UTILITY LINEMAN	1,733.25	1.00	-	-	0.0%
OPERATING ENGINEER (SPECIAL SINGLE AND SECOND SHIFT)	-	-	4.00	1.00	100.0%
Parking and Highway Improvement (Striper-Laborer)	11,295.00	21.00	-	-	0.0%
Security Guard - Unarmed	7,088.50	12.00	1,550.50	3.00	17.9%
BRICKLAYER, BLOCKLAYER	1,321.50	9.00	269.00	2.00	16.9%
GLAZIER	3,002.49	3.00	-	-	0.0%
PILE DRIVER (OPERATING ENGINEER - HEAVY AND HIGHWAY WORK) (SPECIAL SINGLE AND SECOND SHIFT)	250,352.62	421.00	68,269.75	52.00	21.4%
OPERATING ENGINEER (HEAVY AND HIGHWAY WORK)	7,226.50	17.00	-	-	0.0%
BRICK TENDER	198,451.00	159.00	51,896.50	52.00	20.7%
PILE DRIVER (CARPENTER)	42,120.80	200.00	-	-	0.0%
TEAMSTER	10,241.00	9.00	230.00	1.00	2.2%
PILE DRIVER (OPERATING ENGINEER - HEAVY AND HIGHWAY WORK)	264.00	4.00	-	-	0.0%
TILE FINISHER	20,223.05	37.00	557.00	7.00	2.7%
FIELD SURVEYOR	1,917.50	4.00	1,174.75	1.00	38.0%
PLASTERER	35,201.00	39.00	9,656.00	15.00	21.5%
ROOFER	2,630.00	9.00	-	-	0.0%
WATER WELL DRILLER	3,611.50	8.00	-	-	0.0%
PLASTER TENDER	8,137.50	22.00	227.00	3.00	2.7%
SHEET METAL WORKER (HVAC)	235,796.55	338.00	57,981.00	111.00	19.7%
CARPENTER AND RELATED TRADES	52.00	6.00	-	-	0.0%
LABORER AND RELATED CLASSIFICATIONS (SPECIAL SINGLE AND SECOND SHIFT)	8.00	1.00	-	-	0.0%
LANDSCAPE MAINTENANCE LABORER	39,897.80	104.00	16,693.00	29.00	29.5%
ELECTRICIAN	1,190.00	7.00	529.00	2.00	30.8%
PAINTER	6,876.50	33.00	1,229.50	11.00	15.2%
BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER	74,685.00	41.00	22,901.50	16.00	23.5%
Pile Driver	203.00	1.00	-	-	0.0%
STEEL ERECTOR AND FABRICATOR (OPERATING ENGINEER - HEAVY & HIGHWAY WORK)	21,013.50	68.00	13,432.00	23.00	39.0%
OPERATING ENGINEER	54,455.25	34.00	-	-	0.0%
OPERATING ENGINEER (HEAVY AND HIGHWAY WORK) (SPECIAL SINGLE AND SECOND SHIFT)	276.00	5.00	-	-	0.0%
PARKING AND HIGHWAY IMPROVEMENT PAINTER (LABORER)	76.00	2.00	-	-	0.0%
TUNNEL WORKER (LABORER)	120.00	6.00	-	-	0.0%
ASBESTOS REMOVAL WORKER (LABORER)	337,453.66	717.00	165,474.16	402.00	32.9%
IRON WORKER	400,233.05	907.00	83,360.83	108.00	17.2%
LABORER AND RELATED CLASSIFICATIONS	27,064.50	42.00	8,601.00	17.00	24.1%
PLUMBER	200.00	3.00	-	-	0.0%
TILE SETTER	37.00	6.00	-	-	0.0%
TRAFFIC CONTROL/LANE CLOSURE (LABORER)	-	-	-	-	0.0%
<b>SUBTOTAL</b>	<b>1,836,906.02</b>	<b>3,439.00</b>	<b>517,649.99</b>	<b>874.00</b>	<b>22.0%</b>
<b>SUBTOTAL (Excludes Laborers and Operators)</b>		<b>3,430.00</b>			

## Apprentices Tracked by Region (Through 6/16/16)

Region	Total Hours	% of All	#Employed
North Bay	38,963	7.16%	25
San Francisco	173,945	31.98%	178
South Bay	76,569	14.08%	84
East Bay	152,852	28.10%	352
Other	101,569	18.67%	153
<b>Subtotal</b>	<b>543,898</b>	<b>100%</b>	<b>792</b>

## Apprenticeship Tracking – All Crafts (Through 6/16/16)



### Forecasted Workforce Increase – Next 6 Months

Trade	# of Wkrs
Electrical	100
Elevator	12
Framers/Carpenters	125
Hod Carriers (fire proofer)	15
Hod Carriers (masonry)	30
Ironworkers	30
Laborers	100
Masons (masonry)	40
Operators	14
Pipefitters (fire sprinkler)	11
Pipefitters (Plumber)	35
Plasters (fire proofer)	10
Rod Busters	30
Sheet metal	30
<b>Total Forecast</b>	<b>582</b>