Project Overview

➢ Design-Build Contractor: Walsh Shea Corridor Constructors (WSCC)
➢ Southwestern Yard Maintenance Facility: Hensel Phelps Herzog (HPH)
➢ 8.5-mile light-rail line
➢ 8 new stations:
  ➢ 3 underground
  ➢ 4 at-grade
  ➢ One aerial
➢ Project budget: $2.058 billion
➢ Scheduled Opening: Fall 2019
Los Angeles County Metropolitan Transportation Authority

Project Labor Agreement (PLA) / Construction Careers Policy (CCP) Update

Crenshaw/LAX Transit Corridor Project

Report Data Through November 2017 Reporting Period
Crenshaw/LAX Transit Corridor Project
PLA Targeted Worker Attainment:  Prime: Walsh/Shea

Report Data Through October 2017

<table>
<thead>
<tr>
<th>No. of Work Hours*</th>
<th>Targeted Economically Disadvantaged Worker Utilization (%)</th>
<th>Apprentice Utilization (%)</th>
<th>Disadvantaged Worker Utilization (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,121,631.28</td>
<td>59.49%</td>
<td>22.66%</td>
<td>12.42%</td>
</tr>
</tbody>
</table>

Percentage Project Complete Based on Worker Hours:  95.18% (rounded)

Executive Order 11246 Demographic Summary

<table>
<thead>
<tr>
<th>No. of Work Hours*</th>
<th>African American Utilization</th>
<th>Asian/Pacific Islander Utilization</th>
<th>Caucasian Utilization</th>
<th>Hispanic Utilization</th>
<th>Native American Utilization</th>
<th>Other/Declined to state</th>
<th>Minority Utilization Goal: 28.3% (rounded)</th>
<th>Female Utilization Goal: 6.9%</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,121,631.28</td>
<td>12.43%</td>
<td>1.20%</td>
<td>22.35%</td>
<td>60.48%</td>
<td>1.29%</td>
<td>2.24%</td>
<td>75.40%</td>
<td>3.36%</td>
</tr>
</tbody>
</table>

*Cumulative Hours Through End of Noted Reporting Period – as Reported by Prime Contractor. Data subject to change to reflect updates or audits.
Northern Segment - Expo/Crenshaw Bl to 67th St

Four new stations
• Three underground
• One at-grade

Underground structures
• Duel parallel bored tunnels
• “Cut and Cover” tunnel

One mile at-grade segment
Underground Station Construction

Station construction ongoing:
- Expo/Crenshaw Station
- MLK Jr. Station
- Leimert Park Station

Construction work activities:
- Concrete pours of station floors and walls
- Concourse level installation
- Installation of station facilities

*Anticipated completion in 2019*
Underground Station Construction (cont.)

• Upcoming street restoration and backfill for underground stations/structures

• Anticipated to begin Summer 2018

• Preliminary schedule calls for extended closures in the following areas:
  - Expo/Crenshaw Station – Exposition Bl to Coliseum
  - MLK Jr. Station – King Bl to Stocker
  - Leimert Park Station – 43rd St/Homeland to Vernon Av
  - Station portal in Leimert Park – 43rd St/Homeland to 48th St
Underground Station Construction
Expo/Crenshaw Station

Installing rebar for invert level wall section
Installing waterproofing along the west concourse level walls
Crenshaw/MLK Jr Station
Conceptual Rendering
Underground Station Construction
Leimert Park Station

Newly formed concourse level columns and walls

Installation of formwork for center wall section of tunnel south of Leimert Park Station
Leimert Park Station
Conceptual Rendering
Tunnel between MLK Station and Leimert Park Station
Cross Passage Construction

• Five total cross passages for underground tunnel

• Underground access for emergency and maintenance

• Located between Rodeo Pl and 43rd St
At Grade Segment - Park Mesa Heights
North and Central Segments: 48th St to 59th St

Scope of Work:
• New sidewalks and driveways
• Updated/new street lights and traffic signals
• New roadway surface/rehabilitation
• New Hyde Park Station
• New landscaped center medians
• Rail safety enhancements
• Crenshaw Bl Streetscape Plan elements:
  ➢ New sidewalk trees
  ➢ New lighting
  ➢ New crosswalks
At Grade Segment - Park Mesa Heights
North and Central Segments: 48th St to 59th St (cont.)

Remaining Construction Work

- On-going sidewalk and intersection/ADA ramp reconstruction work through Spring 2018
- Slauson Widening anticipated through March
- Hyde Park Station and guideway construction on-going
- Some on-going utility and electrical work
- Street resurfacing/full depth construction
- At-grade crossings anticipated to start in Spring 2018

Impacts

- Frequent lane closures
- Occasional closures of side streets
- Pedestrian access occasionally restricted & rerouted

Park Mesa paving after gas line installation
At Grade Segment - Park Mesa Heights
North and Central Segments: 48th St to 59th St (cont.)

Placement of storm drain invert at manhole at Slauson Ave

Placement of OCS foundation at 57th St for the Hyde Park Station
At Grade Segment - Park Mesa Heights
North and Central Segments: 48th St to 59th St (cont.)

Typical street block

Construction site for the construction of the at-grade guideway

New sidewalk, curb and gutter, street lights

EXHIBIT D
At Grade Segment - Park Mesa Heights
North and Central Segments: 48th St to 59th St (cont.)

Slauson Avenue Intersection Widening

Crenshaw Blvd.
Hyde Park (59th to 67th St.)
Tunnel/Cut and Cover Construction

Current Construction:

- Stage C – Ongoing tunnel construction, concrete pours, and staging in the center of Crenshaw Bl
- Occasional nighttime directional closures
- Restoration/backfilling - weekend street closures
- Scheduled completion: 2019
Hyde Park (59th to 67th St.)
Tunnel/Cut and Cover Construction (cont.)

Tunnel construction

Stage C

At-Grade Station
Hyde Park (59th to 67th St.)
Tunnel/Cut and Cover Construction (cont.)

Cut and cover tunnel in Hyde Park

Cut and cover tunnel merging westward toward Inglewood
Hyde Park Tunnel/Cut and Cover Construction
Victoria Av Permanent Closure

New cul-de-sac at Victoria Av
Hyde Park Tunnel/Cut and Cover Construction
Bynhurst Grade Crossing
Four New Stations
  • Three At-Grade
  • One Aerial

Five Aerial Structures

One Underground Structure

[Map of the area showing new stations and structures]
Fairview Heights Station
New station canopy placed
Downtown Inglewood Station

New station canopy and platform
GUIDEWAY - Forming Catch Basin at Florence Ave. and Centinela Ave
Bridge Construction
La Brea Av

* Rail on bridge over La Brea Av

* Rail on ballast westbound into Inglewood
Bridge Construction - La Brea Av
Track installation

Westbound perspective from Downtown Inglewood Station
Bridge Construction
Over I-405 Bridge

Placing concrete for an OCS foundation

Electrical ductbank concrete prep, deck cleanup, and grinding of deck for SB track plinth
Bridge Construction
Under I-405 Bridge
Westchester/Veterans Station

* Westchester/Veterans Station northbound platform

* Station southbound platform
Westchester/Veterans Station

Continuation of splice and column to girder FP welding

NB and SB platform splice welding and outrigger elevation adjustments
Bridge Construction
Century Bl

Laying track and plinths (metal ties)

9/5/2017

Metro
Aviation/Century Station

Plaza level service building construction
Aviation/Century Station

Stair No. 2 staircase formwork installation in progress
Century/Aviation Station
Conceptual Rendering

A conceptual rendering of the Century/Aviation Station
Underground Segment 1 (UG1)

Underground segment adjacent to LAX tarmacs
Underground Segment 1 (UG1)

Underground segment adjacent to LAX tarmacs
Green Line Tie-In Activity

Crew finishing concrete plinth pour on track-3 SB.

Crew continued installation of iron horse system and rail fasteners on track-4 NB.
# Ongoing Bridge Construction

<table>
<thead>
<tr>
<th>Activity</th>
<th>Scheduled Completion*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Century Station (Erect Elevator &amp; Canopy)</td>
<td>March 2018*</td>
</tr>
<tr>
<td>Century Station (Install Stairs)</td>
<td>March 2018*</td>
</tr>
<tr>
<td>I-405 Bridge (Approach Slabs and Joint Seal)</td>
<td>February 2018*</td>
</tr>
<tr>
<td>Green Line Bridge (Green Line tie-in track work)</td>
<td>April 2018*</td>
</tr>
</tbody>
</table>

* Schedule is subject to change
## Southern Segment
### Ongoing At-Grade Station Construction

<table>
<thead>
<tr>
<th>Activity</th>
<th>Scheduled Completion*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fairview Heights Station: Erect Structural Steel Canopy</td>
<td>March 2018*</td>
</tr>
<tr>
<td>Downtown Inglewood Station: Glass Canopy Install</td>
<td>March 2018*</td>
</tr>
<tr>
<td>Westchester Veterans Station: MEP Canopy</td>
<td>February 2018*</td>
</tr>
<tr>
<td>Westchester Veterans Station: Install Gutters and Catwalks</td>
<td>March 2018*</td>
</tr>
</tbody>
</table>

* Schedule is subject to change
# Upcoming Inglewood/Westchester Lane Restrictions and Closures

<table>
<thead>
<tr>
<th>Location</th>
<th>Tentative Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hindry Av/Florence Av (Weekend Intersection)</td>
<td>February 2018*</td>
</tr>
<tr>
<td>Florence Av/Centinela Av (Full Depth Paving)</td>
<td>March 2018*</td>
</tr>
</tbody>
</table>

* Schedule is subject to change
Southwestern Yard Project Overview

- Approximately $172 Million
- Operation and Maintenance Facility
- 18-acre site located near Los Angeles International Airport
- Started in May 2016 – Finishing in January 2019
Southwestern Yard Project Framing
### Southern Segment
Southwestern Maintenance Yard Construction

<table>
<thead>
<tr>
<th>Activity</th>
<th>Scheduled Completion*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Underground Electrical Ductbank Work</td>
<td>February 2018*</td>
</tr>
<tr>
<td>Roof Work (Pads, Drains)</td>
<td>February 2018*</td>
</tr>
<tr>
<td>Truck Wash (Steel Columns)</td>
<td>February 2018*</td>
</tr>
<tr>
<td>Exterior Framing (Plumbing, Electrical)</td>
<td>February 2018*</td>
</tr>
</tbody>
</table>

* Schedule is subject to change
AMC-Airport Metro Connector Project

The proposed project includes a new multi-modal transportation center to connect LAX to the regional bus and rail transit system.

Project components include:

• Three at-grade LRT platforms to be served by the Crenshaw/LAX Line and a service extension of the Metro Green Line
• Bus plaza and terminal facility for Metro and municipal buses
• Bicycle hub with secured parking
• Pedestrian plaza
• Passenger vehicle pick-up and drop-off area
• Metro transit center/terminal building ("Metro Hub") that connects passengers between the various modes of transportation
AMC-Airport Metro Connector Project Conceptual Rendering
Metro Small Business Pilot Programs

*Help small “mom and pop” businesses continue to thrive throughout construction and post construction*

Metro Business Solution Center (BSC)

Metro Business Interruption Fund (BIF)
BSC Program Statistics – December 29, 2017:
• Number of business Contacts: 438
• Number of business Intakes/Assessments: 332
• Number of business referrals: 1079

BSC Business Resources:
• Hands-on business development
• Expert business advice and coaching
• Technical assistance
• Referrals to expert professionals

BSC Areas of Focus:
Long term business planning
Increasing business access to technology
• Website development
• Assessment of IT infrastructure and IT systems

Workshops and Events
• Build Your Business Plan, Yelp 101, Get Your Business Online (sponsored by Google)

Accounting Management
• Financial readiness
• Access to financial capital

Learn More: www.metrobsc.net
BIF Program Statistics – January 26, 2018:
- BIF applications submitted: **798**
- BIF applications approved/awarded: **579**
- BIF applications pending financials: **128**
- BIF applications deemed not eligible: **81**
- BIF applications denied: **2**
- BIF Application Approval Rate: **82.10 %**
- BIF Grant Payments: **$12,943,063.11**

Crenshaw/LAX – BIF Statistics:
- **313** grants awarded to C/LAX
- Total amount: **$6,748,241.25**
- **158** small businesses received a grant

BIF Project Updates and Areas of Focus:
- Continued outreach along Crenshaw Corridor areas of:
  - Park Mesa Heights
  - Hyde Park
  - Baldwin Hills Crenshaw Mall
  - Inglewood/Southern Section
- Ongoing education of program requirements and application process through: application sessions and one-on-one meetings

Learn More: [www.metro.net/BIF](http://www.metro.net/BIF)
Business Interruption Fund
Transit Project Corridors

Value of BIF Grants Awarded
(as of 1/26/18)

- Crenshaw/LAX Transit Project: $6,748,241.25
- Purple Line Extension, Section 1: $3,471,216.01
- Purple Line Extension, Section 2: $65,007.82
- Regional Connector, Little Tokyo Area: $1,708,434.00
- Regional Connector, 2nd/Broadway Segment: $950,164.03

BIF Measures of Effectiveness
(as of CY 2017 Q3)

- Businesses referred to support services: 100%
- Applications processed within 9 business days: 96%
- Clients satisfaction rating: 88%
- Businesses remaining open after 6 months of grant award: 90%
- Businesses remaining open after 1 year of grant award: 91%
Upcoming CLC Meetings & Events

February

Project Labor Agreement/Construction Careers Policy: Reporting Program Activity
Wednesday, February 21 from 3:00pm-4:30pm
You’re invited to participate in the CLC Economic Development Workgroup for a Project Labor Agreement and Construction Careers Policy (PLA/CCP) meeting to learn about Metro’s PLA/CCP including how Metro collects, reviews and reports construction labor activity on its projects. Also, learn about additional Metro workforce resources and other opportunities in construction. This meeting will be at the West Angeles Villas located at 6030 Crenshaw Blvd, Los Angeles, CA. Free parking available in the temporary construction parking lot located south/adjacent to the West Angeles Villas at 6200 Crenshaw Blvd. Los Angeles, CA.

Free Volunteer Income Tax Assistance
Thursday, February 22 from 10am-4:00pm
Join the CLC Community Engagement Workgroup for an event to have your taxes prepared at no charge by the Volunteer Income Tax Assistance program. Bring a photo ID, Social Security Card, W2 and 1099, copy of prior year tax return and proof of health insurance. No appointments needed, drop-off only at the West Angeles Community Development Corp. located at 6028 Crenshaw Blvd. Los Angeles, CA.
Upcoming CLC Meetings & Events

March – Dates TBD

**Metro Art Tour**
You’re invited to the CLC ‘Special Projects’ Metro Art Tour to view some the artwork along the Expo Phase line. Join Metro Art Docents and some of the artists whose work is featured on the Expo Line for a free Expo Line Art Tour.

**Eat Shop Play Lunch Meet-Up**
Please join the CLC Community Engagement Workgroup to support the grand opening of Orleans & York Deli, a local family owned business specializing in New Orleans Po'Boys & New York Heros.

**Crenshaw/LAX Corridor Construction Windshield Bus Tour**
Join the CLC ‘Quality of Life Workgroup’ for a Crenshaw/LAX Construction Windshield Bus Tour to view the Crenshaw/LAX Transit Project future stations also the learn about the activities and progress of the current construction work.

**Crenshaw Corridor Cleanup**
Join the CLC Community Engagement Workgroup for a Crenshaw Corridor Cleanup in conjunction with local neighborhood councils including Council District 8.
Crenshaw/LAX Transit Project
Connect with us

Hotline: 213-922-2736
Email: crenshawcorridor@metro.net
Web: metro.net/crenshaw
Facebook: facebook.com/crenshawrail
Twitter: twitter.com/crenshawrail
WSCC: www.walsh-shea-corridorconstructors.com