

# Carson Street Master Plan Implementation Project

## Monthly Report No. 2

PROJECT NO. 1043

Date: December 2015

### PROJECT DETAILS

#### Owner:

City of Carson  
701 E. Carson Street  
Carson, CA 90745  
<http://ci.carson.ca.us/>

#### Architect:

Gruen Associates  
6330 San Vicente Boulevard,  
Suite 200  
Los Angeles, California 90048  
<http://www.gruenassociates.com/>

#### Construction Manager:

AndersonPenna Partners, Inc.  
1225 190th Street, Suite 255  
Gardena, CA 90248  
<http://www.andpen.com/>

#### Contractor:

Powell Constructors  
8555 Banana Ave  
Fontana, CA 92335  
<http://powellconstructors.com/>

#### Project Website:

<http://ci.carson.ca.us/department/communitydevelopment/streetmasterplan.asp>

## Project Description

The Carson Street Master Plan Implementation Project is providing 1.75 miles of new and enhanced streetscape and infrastructure for the Carson Street Corridor between the I-110 and I-405 freeways. Improvements include installation of a recycled water line, extensive colorful, drought-tolerant landscaping in parkways and medians, street furniture (benches, bike racks, and pedestrian lights), public art, entry monuments, traffic signal modifications, reconfiguration of turn lanes, reconstruction of driveways for ADA compliance, and replacement of median street lights with LED lights.



The entrance to City Hall at Carson and Avalon is also being refurbished including the construction of an ADA compliant ramp along with hardscape and landscape improvements.

## Phasing Plan

(See Phasing Plan)

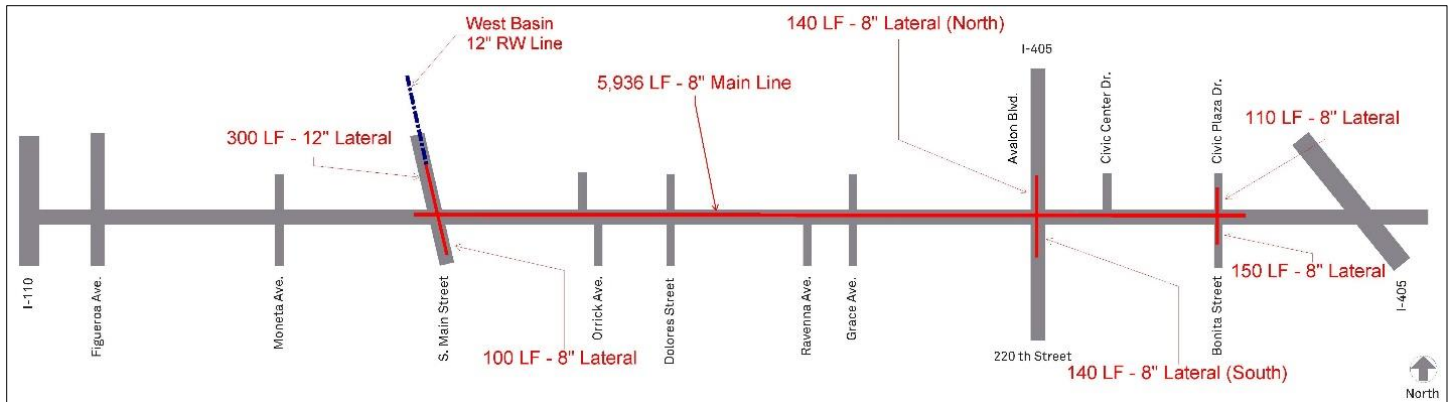
## Project Status

**Preliminary Items:** Traffic control plans have been reviewed and approved by the City Traffic Engineer, providing one travel lane in each direction on Carson Street between Avalon Blvd and Dolores St. The change to one travel lane was necessitated by the increased depth of the recycled water line, which required expansion of the construction work zone. The implementation of proposed widening of the sidewalk and parkway areas on both sides of the street also require a reduction of traffic to one lane. Sidewalks will only be closed on one side of Carson St at a time to reduce the impact on pedestrian traffic. Temporary striping and delineators have been deployed to maintain safe traffic flow through construction zones.

**Recycled Water (RW) Line Installation:** Potholing of utility crossings has been completed between Main Street and Bonita/Civic Center Drive. Due to conflicts with existing utilities, the depth of the recycled water line increased from 42 inches deep to 7'-8'. This revised profile has been engineered based on the existing field conditions and currently pending final approval by West Basin Municipal Water District.

As a result of the required increase in depth of recycled water line installation and subsequent cost impacts, the City modified the limits of recycled water line construction. The recycled water line will connect with West Basin recycled water service at the Main St/Carson St intersection and extend to the Civic Center/Bonita/Carson St intersection per the map below. Subgrade with high levels of contamination was discovered during potholing within the Main St intersection.

**Revised RW Line Installation Limits:**



**City Hall Improvements:** Concrete retaining walls, planters, and ADA access ramp have all been poured. Reconnection of utility lines around the City Hall entrance is ongoing.

**Streetscape Improvements:** Clear/grub activities have been completed within the medians along Carson St. and clear/grub and demo activities have commenced on the eastbound side of Carson Street. New median curbs have been constructed per plan between Figueroa St. and Orrick Ave. Additional damaged/deteriorating median curbs may be replaced based on available funds. New street light foundations are currently being placed within the medians.

## Tasks for the Next 30 Days

RW Line Installation
Final approval of revised plan/profile by West Basin Municipal Water District
Sawcut RW trench limits
Excavate and install RW waterline
Install pipe and bedding
Backfill pipe

Streetscape Improvements
Continue clear and grub along eastbound Carson St sidewalk areas
Sawcut/demolish asphalt, driveways, curb/gutter along eastbound Carson St
Grade/form/pour driveways and curb/gutter along eastbound Carson St
Continue drilling/placing foundations for median street lights and installing conduit

City Hall Improvements
Final approval of proposed improvements from Building and Safety Department
Grade and install base at common area
Form, place rebar, and pour planters and footings
Place irrigation conduits and wires
Backfill all walls
Form, place rebar, and pour paver underslab at common area
Form, place rebar, and pour stairs
Form, place rebar, and pour concrete bands
Begin paver installation

## Construction Contract Information

**Contract Summary through December 22, 2015**

**NTP Date: August 24, 2015**



Time	Calendar Days
Total Original Contract Time (calendar days):	425
Approved non-compensable delay days:	0
Additional Time Granted through C.O. No. ___:	0
Total Current Contract Time (calendar days):	425
Calendar Days elapsed through meeting date:	120
Calendar Days Remaining:	305
Current Calculated Completion Date:	10/22/2016

Cost	Amount
Original Contract Amount	\$16,937,335.00
Additional Amt. approved C.O. No. ___:	-
<b>Total Current Contract Amount:</b>	<b>\$16,937,335.00</b>
Value Processed through Pay Application #1:	\$594,296.49
<b>Balance to Complete:</b>	<b>\$16,343,038.51</b>

### Payment/Expenditures Update

Contractor progress payment #1 was processed on November 21, 2015, in the amount of \$594,296.49. Progress Payment #2 quantities are currently being reviewed between the Contractor and the Construction Management team.



**Progress Photos**



**City Hall ADA Ramp Retaining Wall PCC Placement**



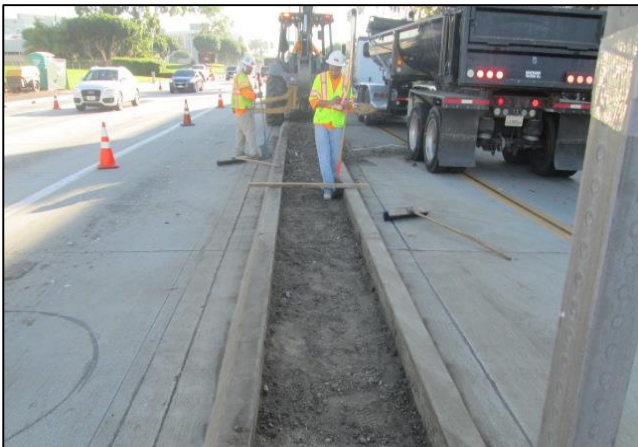
**City Hall ADA Ramp Retaining Wall PCC Placement**



**City Hall ADA Ramp Retaining Wall PCC Placement**



**City Hall ADA Ramp Retaining Wall PCC Placement**



**Median Removals**



**City Hall Fountain Planter Wall PPC Placement**



### Additional Progress Photos



**Potholing on Carson St**



**Pipe Trenches and New Conduit at City Hall**



**Clogged Drain Replacement at City Hall**



**Eucalyptus Tree Stump Removal at City Hall**



**West Blanket Cure of PCC Retaining Walls at City Hall**



**City Hall Fountain Skimmer Lines**



### Additional Progress Photos



**Forms/Rebar for Retaining Wall West Side of City Hall**



**Excavation for ADA Ramp Retaining Wall**



**ADA Ramp Retaining Wall Rebar Placement**



**Placement of Irrigation Lines Adjacent to City Hall Fountain**



**City Hall Retaining Wall Footing Concrete Pour**



**City Hall Retaining Wall Footing Concrete Pour**



**Additional Progress Photos**



**City Hall ADA Ramp PCC Pour**



**City Hall Retaining Wall PCC Pour**



**City Hall Fountain Bench PCC Pour**



**Reconnected Fountain Lines at City Hall**



**Completed City Hall ADA Ramp**



**City Hall ADA Ramp Walls**



**Additional Progress Photos**



**City Hall Retaining Wall Rebar Placement**



**Potholing on Carson St**



**Recessed Lighting Installation in City Hall Retaining Wall**



**Rebar Placement Along City Hall ADA Ramp**



**City Hall Retaining Wall Forms**



**Forms/Rebar for New City Hall Fountain Bench**



**Additional Progress Photos**



**Median Clear and Grub at Carson St /Figueroa St**



**Median Clear and Grub**



**Median Clear/Grub and Traffic Control**



**Median Demo/Removals**



**City Hall Retaining Wall and Recessed Lights**



**City Hall Fountain Bench**



**Additional Progress Photos**



**Compacting for New Median Curbs**



**Median Clear and Grub**



**Median Curb Removals**



**Compacted Subgrade/Base for New Median Curb/Gutter**



**Waterproofing Membrane Installation at City Hall ADA Ramp Planters**



**Waterproofing Membrane Installation at City Hall ADA Ramp Planters**



### Additional Progress Photos



**City Hall ADA Ramp**



**Forms for New Median Curb/Gutter**



**Forms for New Median Curbs**



**New Median Curb/Gutter**



**Median Curb/Gutter Placement**



**Median Curb/Gutter Placement**



**Additional Progress Photos**



**Median Curb/Gutter Placement**



**Pressure Testing City Hall Fountain Lines**



**Pressure Testing City Hall Fountain Lines**



**Grading at City Hall Entranceway**



**Rebar Cages for Median Street Light Foundations**



**Rebar Cage Placement for Median Streetlight Foundation**



**Additional Progress Photos**



**Moisture Barrier Placement Behind Median Curbs**



**Curb/Gutter Demolition, Eastbound Carson St**



**Driveway Demolition, Eastbound Carson St**



**City Hall Area Drain Line Installation**



**Placement of Shoring in Recycled Water Line Trench**



**Rebar/Conduit/Recessing Lighting Placement at City Hall Planter**

# Submittals Information

Submittals	
Total Submittals	52
Submittals in Review	1
Late Submittals	0
Resubmittals Outstanding	4

Request for Information (RFI) Data	
Total RFI's Submitted	45
Total Responded RFI's	39
Current Open RFI's	6
Avg. Turnaround Time (Calendar Days)	8

Executed Change Order
No Contract Change Orders have been executed to this point.

Open Proposed Change Order
The Contractor has completed ten change order items to-date totaling \$88,462.01 (0.52% of the initial contract amount), due to unforeseen conditions, required design modifications, and City-initiated items of work. These costs are being included in the first contract change order, currently being drafted by the City.

Project Completed Tasks for November/December
Design of recycled water line profile, pending final approval from West Basin Municipal Water District
Construction of retaining walls, planters and ADA access ramp at City Hall
Construction of new median curbs per plan west of Orrick Ave.
Obtained Los Angeles Department of Water and Power (LADWP) permit approval for work within LADWP right of way

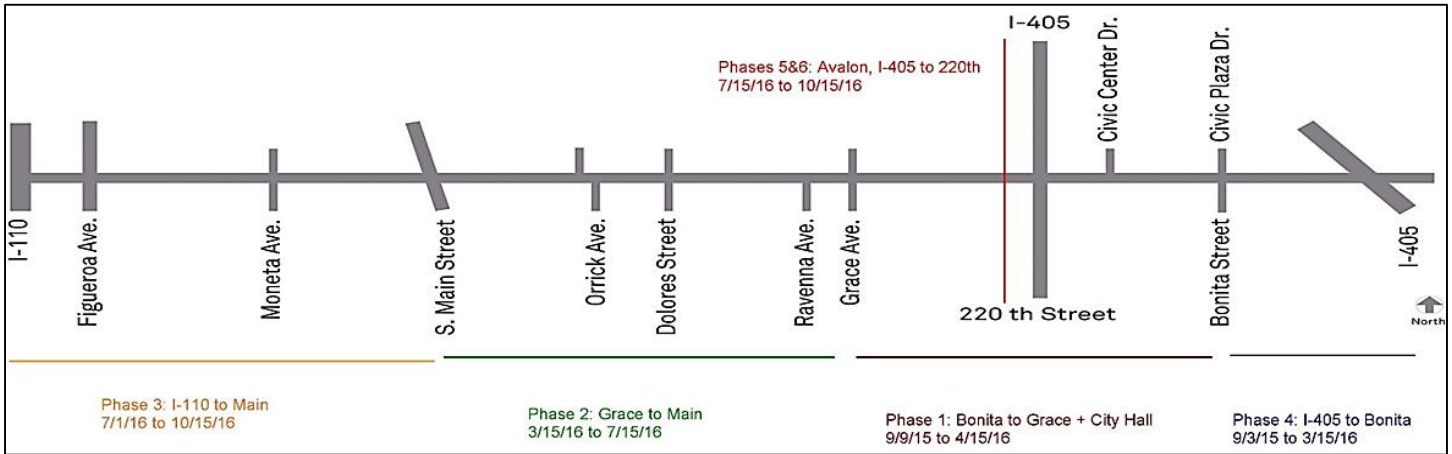
Critical Issues
Obtain Caltrans encroachment permit for work within Caltrans right of way (ROW)
Coordination with adjacent future projects at the intersection of Carson St and Avalon Blvd
Adjustment of median street light footings due to conflict with existing storm drain structures
Determination of the limits of existing damaged/deteriorated median curbs to be replaced
Identification of existing unmarked sewer laterals within Carson Street that may impact installation of the recycled water line
Classification and disposal of hazardous subgrade material within Carson St
SWPPP compliance during the rainy season

Site/Security Safety Issues
No site security issues or safety incidents to report.



# Project Schedule Update

Due to changes in the scope of work related to the recycled water line depth and pending decision regarding possible replacement of additional damaged/deteriorating median curbs, the project schedule will be evaluated to reflect these impacts. A revised CPM schedule is anticipated from the Contractor by the end of December 2015.



# Project Look-Ahead

Recycled water line installation is scheduled to continue between Main St and Grace Ave through the end of February, then will continue east to Bonita/Civic Center. While this work is proceeding on the westbound side of Carson St, hardscape improvements will continue within the same limits on the eastbound side of the street. Construction of median curbs and placement of street light foundations/conduit within medians between Figueroa St and Avalon Blvd. are expected to continue through January.

City Hall improvements are expected to continue through February.