

# Carson Street Master Plan Implementation Project

## Monthly Report No. 3

PROJECT NO. 1043

Date: January 2016

### 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

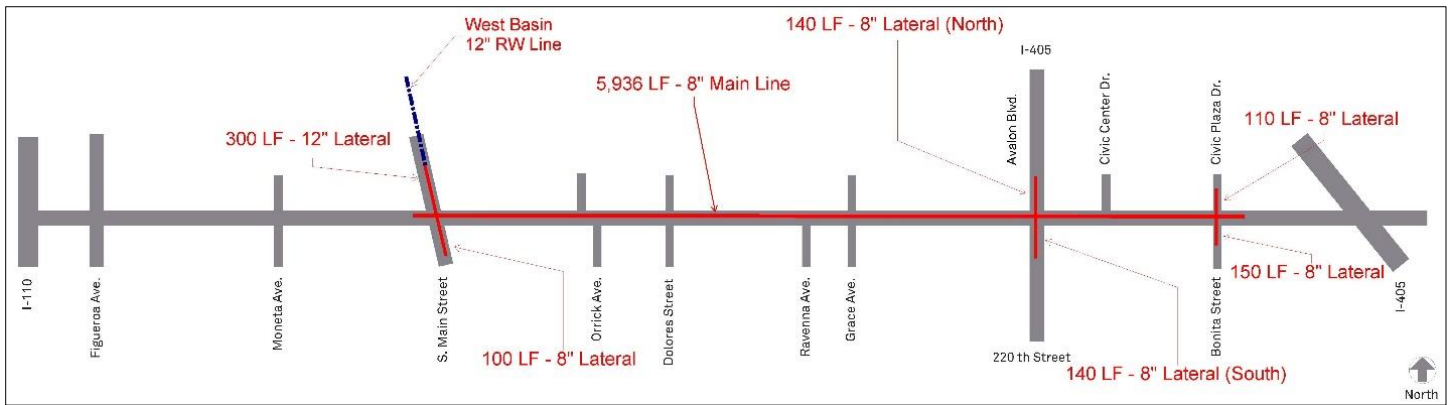
(See Phasing Plan)

## 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:** Final profile design of the recycled water line between the new limits of Main St. to Bonita St. has been approved by West Basin Municipal Water District. Recycled water line installation has been completed between Dolores St. and Grace Ave.

**Revised RW Line Installation Limits:**



**City Hall Improvements:** Reconnection of existing utility lines around the City Hall entrance is ongoing. The upper level under-slab has been graded and poured. Construction of the stairs of installation of the architectural pavers will take place in the coming weeks.

**Streetscape Improvements:** Construction of new driveways and curb/gutter is continuing along the south side of Carson Street. Median curb removal and replacement between Orrick Ave. and Figueroa St. (City-added scope) has also commenced. Trenching and installation of irrigation lines and electrical conduit on the south side are also proceeding per plan.

## Tasks for the Next 30 Days

| RW Line Installation  |
|---|
| Excavate and install RW waterline from Grace Ave. to Avalon Blvd. |
| Install pipe and bedding  |
| Backfill pipe   |

| City Hall Improvements  |
|---|
| Backfill all walls  |
| Form, place rebar, and pour stairs (pending further directions by the City)         |
| Form, place rebar, and pour concrete bands (pending further directions by the City) |
| Begin paver installation (pending further directions by the City)                   |

| Streetscape Improvements   |
|--|
| Continue sawcut/demo asphalt, driveways, curb/gutter along eastbound Carson St.  |
| Continue grade/form/pour driveways and curb/gutter along eastbound Carson St.  |
| Continue drilling/placing foundations for median street lights and installing conduit in both medians and in eastbound Carson St. parkways |
| Install moisture barriers behind curbs   |
| Demo, form, pour ADA curb ramps along eastbound Carson St. between Orrick Ave. and Grace Ave.  |
| Form and pour median curbs between Figueroa Blvd and Orrick Ave. (additional scope)  |
| Install irrigation mainlines, laterals and sleeves in eastbound Carson St. parkways and center medians                                     |

# Construction Contract Information

Contract Summary through January 26, 2016

**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:   | 155           |
| Calendar Days Remaining:                      | 270           |
| 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 #2: | \$1,237,900.65         |
| <b>Balance to Complete:</b>                 | <b>\$15,105,137.86</b> |

| Payment/Expenditures Update  |
|--|
| Contractor Progress Payment #2 was processed on December 23, 2015, in the amount of \$643,604.16.                  |
| <b>Total amount processed through Progress Payment #2: \$1,237,900.65.</b>   |
| Progress Payment #3 quantities are have been reviewed between the Contractor and the Construction Management team. |
| Processing of Progress Payment #3 is pending submittal of the final invoice and releases from the Contractor.      |



**Progress Photos**



**Covered for Impending Storm**



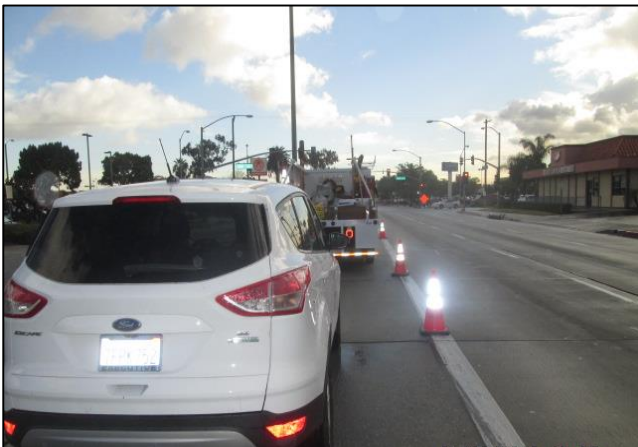
**Compaction Wheel Used for Trench Backfill**



**Closed Catch Basin BMP**



**Pavement Removed for Street Light Base at Sta 57+09**



**Temporary Lane Closure for Street Light Work**



**Pavement Under Soil Where AB Should Be (TYP)**



### Additional Progress Photos



**Station Marked with a Nail in the Street**



**Belco Pot Holing Sta 84+00**



**Conduit Stockpiled for Future Use**



**7" Curb and Gutter**



**New Curb and Gutter Placement**



**Finishing Curb and Gutter**



**Additional Progress Photos**



**Water Line with 11.5 Degree Elbows Ready for Thrust Blocks**



**Uplight Conduit Installation**



**Broken Existing SW at Sta 70+29.13**



**DW Curb Formed**



**Two Unmarked Lines at Sta 73+50**



**Making Grade at City Hall**



**Additional Progress Photos**



**Concrete Removed from Existing Sewer Clean Out at City Hall**

**Median Curb Being Removed**



**Recycled Water Trench Going West**

**SCH 80 PVC Drains Under DW at 21713 Delores**



**Driveway at 302 Carson**

**City Hall Side of Avalon SW to Be Repaired**



### Additional Progress Photos



**Driveway Placed Last Night**



**Driveway at 328 Carson**



**Half Drive Way at Tony's Auto Repair**



**Rough Grade for DW at Grace and Carson**



**Y fitting Replaced per Bldg. Inspector**



**Drain at Fountain**



**Additional Progress Photos**



**Broom Finishing 5500 PSI PCC at Driveway 67+26.28**



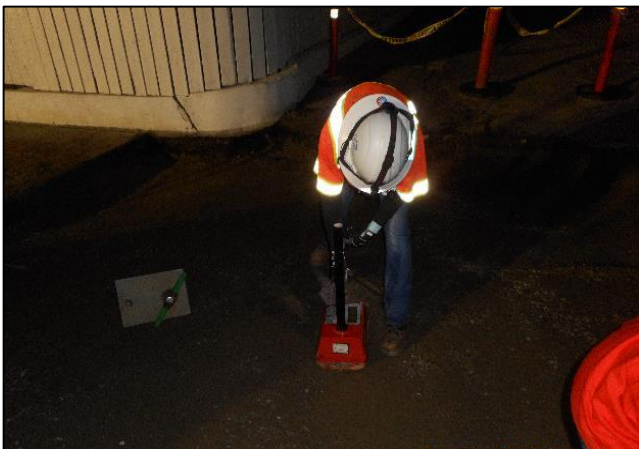
**Placing 5500 PSI PCC at driveway 67+26.28**



**Concrete Broken for Removal**



**Forms Set**



**Checking Base Compaction at Driveway Sta 69+06.67**



**Forms Set and Ready for 5500 PSI PCC at Sta 70+29.13**



### Additional Progress Photos



5500 PSI PCC Curing at 69+06.67 Prior to Broom Finish



Checking Compaction at Driveway at Sta 78+75.89



Placing 5500 PSI PCC at Driveway Sta. 78+75.89



Forms Set at DW Sta. 65+72.61



Finishing 5500 PSI PCC at Driveway Sta. 65+72.61



Demolition of Existing Driveway



# Submittals Information

| Submittals               |    |
|--------------------------|----|
| Total Submittals         | 57 |
| Submittals in Review     | 4  |
| Late Submittals          | 0  |
| Resubmittals Outstanding | 7  |

| Project Completed Tasks for December/January   |  |
|--|--|
| <b>RW Line Installation</b>  |  |
| Final approval of revised plan/profile by West Basin Municipal Water District  |  |
| Sawcut widened 34" trench  |  |
| Excavate and install RW waterline from Grace Ave. to Dolores St.   |  |
| <b>City Hall Improvements</b>  |  |
| 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  |  |
| Form, place rebar, and pour paver underslab at common area   |  |
| <b>Streetscape Improvements</b>  |  |
| Completed clear and grub along eastbound Carson St. sidewalk areas between Orrick Ave. and Avalon Blvd.                                      |  |
| Sawcut/demo asphalt, driveways, curb/gutter along eastbound Carson St. between Orrick Ave. and Avalon Blvd.                                  |  |
| Grade/form/pour 8 driveways without culverts and curb/gutter along eastbound Carson St. between Orrick Ave. and Avalon Blvd.                 |  |
| Drilled/placed 27 median street light foundations  |  |
| Design and Building & Safety approval of modified median street light footings to account for conflicts with existing storm drain structures |  |
| Sawcut, demo and remove existing median curbs and interfering roadway section between Figueroa Blvd. and Orrick Ave. (additional scope)      |  |
| Began installation of irrigation mainlines, laterals and sleeves in eastbound Carson St. parkways between Dolores St. and Grace Ave.         |  |
| Began installation of electrical conduits in eastbound Carson St. parkways between Dolores St. and Grace Ave.                                |  |

| Request for Information (RFI) Data   |    |
|--------------------------------------|----|
| Total RFI's Submitted                | 69 |
| Total Responded RFI's                | 62 |
| Current Open RFI's                   | 7  |
| Avg. Turnaround Time (Calendar Days) | 9  |

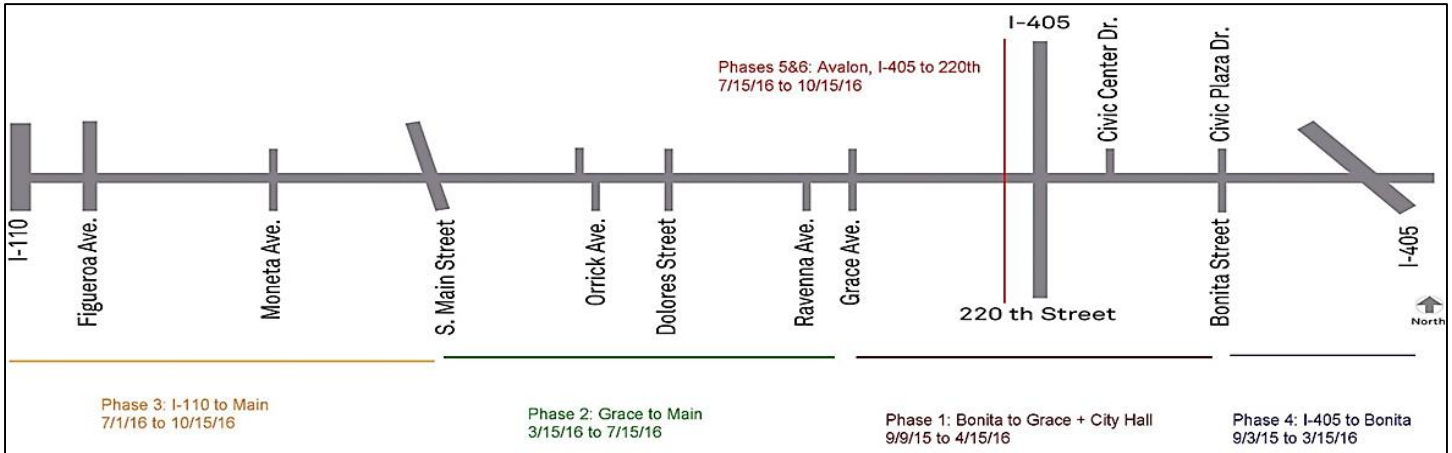
| Executed Change Order  |  |
|--|--|
| Contract Change Order #1, in the amount of \$963,438.14 (5.7 % of the original contract amount) is currently being processed for signatures. This change order includes changes in scope and unforeseen conditions encountered during City Hall improvements, repair of existing median street lights, additional removals/reconstruction of median curbs, and a portion of the scope changes related to the recycled water line installation. |  |

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

| 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.                                   |  |
| Identification of existing unmarked sewer laterals within Carson Street that may impact installation of the recycled water line |  |
| Coordination with California Water Company regarding relocation of existing fire hydrants                                       |  |
| Coordination with Southern California Edison regarding upcoming Edison project on westbound Carson St. just west of Main St.    |  |
| Obtain County Health Department Approval of recycled water irrigation system design   |  |
| Classification and disposal of hazardous subgrade material within Carson St.  |  |
| SWPPP compliance during the rainy season  |  |

# Project Schedule Update

Due to changes in the scope of work related to the recycled water line profile and added scope for removal and replacement of damaged/deteriorating median curbs, the project schedule has deviated significantly from the baseline CPM schedule submitted at the beginning of the project. A revisited CPM schedule has been submitted by the Contractor and currently under City review.



# Project Look-Ahead

Recycled water line installation is scheduled to continue between Grace Ave. and Avalon Blvd. through the end of February. The Contractor will then move recycled water line operations to between Dolores St. and Main St. for the month of March. Streetscape improvements in the medians and the south side of Carson St. are expected to continue through July.

Due to lost days as a result of inclement weather and unforeseen complications with existing utility lines, substantial completion of City Hall improvements is now expected for the end of March.