

# Carson Street Master Plan Implementation Project

## Monthly Report No. 4

PROJECT NO. 1043

Date: February 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

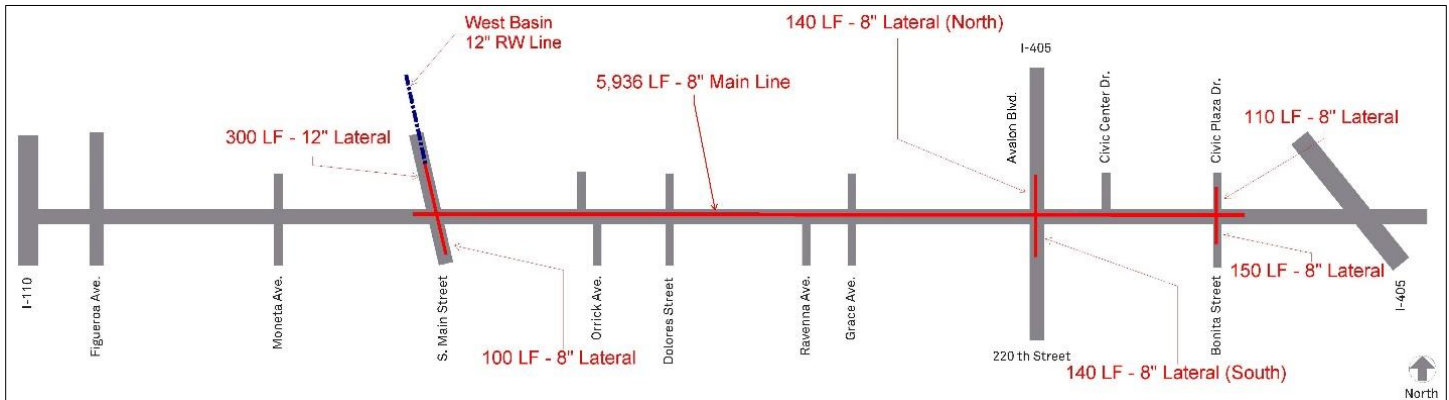
(See Phasing Plan)

## 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:** Recycled water mainline installation has been completed between Dolores St. and Avalon Blvd. Lateral lines for services, blow-off assemblies and air release/vacuum valves from Grace Ave. to Avalon Blvd. have been field-located.

**Revised RW Line Installation Limits:**



**City Hall Improvements:** Construction at City Hall has been put on hold while design of a City of Carson Founding Fathers Tribute is finalized.

**Streetscape Improvements:** Construction of hardscape improvements are proceeding between Orrick Ave. and Avalon Blvd.

## Tasks for the Next 30 Days

RW Line Installation
Pothole for lateral lines from Grace Ave. to Avalon Blvd.
Excavate and install RW services, blow-off assemblies and air release/vacuum valves from Grace Ave. to Avalon Blvd.
RW mainline trench AC patch back from Grace Ave. to Avalon Blvd.
Excavate and install RW line from Dolores St. to Main St.
Install pipe and bedding
Backfill pipe

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 pedestrian street lights
Install conduit in both medians and in eastbound Carson St. parkways
Provide connection for temporary service to existing median street lights
Install moisture barriers behind curbs in center medians
Complete remaining ADA curb ramps along eastbound Carson St between Orrick Ave. and Grace Ave.
Begin seating node construction eastbound Carson St between Orrick Ave. and Grace Ave.
Install irrigation in center medians

City Hall Improvements
Finalize design for City Founding Father's Tribute

# Construction Contract Information

**Contract Summary through February 23, 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:	183
Calendar Days Remaining:	242
Current Calculated Completion Date:	10/22/2016

Cost	Amount
Original Contract Amount	\$16,937,335.00
Additional Amt. approved C.O.O. #1:	\$922,520.07
<b>Total Current Contract Amount:</b>	<b>\$17,859,855.07</b>
Value Processed through Pay Application #3:	\$1,564,596.32
<b>Balance to Complete:</b>	<b>\$16,295,258.75</b>

Payment/Expenditures Update
Contractor Progress Payment #3 was processed on January 26, 2015, in the amount of \$326,695.67
<b>Total amount processed through Progress Payment #3: \$1,564,596.32.</b>
Progress Payment #4 quantities are being reviewed between the Contractor and the Construction Management team.

### Additional Progress Photos



**Trench Ready to Be Excavated**



**Excavating Water Line for "Blow Off"**



**Trench East Of Grace Ready for Pipe**



**Earthen Trench Wall Giving Away as it Dries Out**



**Sidewalk Removal West Of Ravenna**



**Tree Well Pave Back**

**Additional Progress Photos**



**ATT Box Unsecured**



**Curb Machine at Medium**



**Setting Up the Curb Machine**



**Freshly Placed Curb at Station**



**Exist FH at Grace Being Replaced**



**BH Using Sheep's Foot Compacting WL Trench**

**Additional Progress Photos**



**Water Proofing Material Ready to Install**



**Installing Curb Water Proofing Material**



**Typical DW Ready for Removal**



**Driveway to Be Removed**



**Ready For PCC at Grace**



**Curb Machine Placing 6" Median Curb East Bound**

### Additional Progress Photos



**Finished Curb**



**Proximity of Curb to Exist SL Foundation**



**Compaction at Blow off Location**



**ADA Ramp and Sidewalk at Grace**



**Change in Grade**



**Street Light Foundation PCC Being Poured**

**Additional Progress Photos**



**Street Light Foundation Placed**



**Base Placed for Auto Body DW**



**SW Base Being Compacted**



**SW to be Removed**



**ADA Curb Ramp to be Formed and Placed**



**PCC Placed for ADA Curb Ramp and SW Radius**



### Additional Progress Photos



**Recycled Water Line Being Covered by PCC**



**Layout for New Curb and Gutter Placement**



**Grace Intersection has Temp. Paving on Trench**

# Submittals Information

Submittals	
Total Submittals	61
Submittals in Review	2
Late Submittals	0
Resubmittals Outstanding	6

Project Completed Tasks for February
<b>RW Line Installation</b>
Excavate and install RW mainline from Grace Ave. to Avalon Blvd.
Construct mainline vertical adjustments to clear five unforeseen utility obstructions.
Finalized locations for services, blow-off assemblies and air release/vacuum valves from Grace Ave. to Avalon Blvd.
<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>
Form and pour median curbs between Figueroa Blvd and Orrick Ave. (additional scope)
Demo, form, pour ADA curb ramps along eastbound Carson St between Orrick Ave. and Grace Ave.
Install irrigation mainlines, laterals and sleeves in eastbound Carson St. parkways
Construct ADA curb ramps on eastbound Carson St. between Orrick Ave. and Grace Ave.
Continued installation of irrigation mainlines, laterals and sleeves in eastbound Carson St. parkways
Continued installation of electrical conduits in eastbound Carson St. parkways

Request for Information (RFI) Data	
Total RFI's Submitted	96
Total Responded RFI's	84
Current Open RFI's	12
Avg. Turnaround Time (Calendar Days)	10

Executed Change Order
Contract Change Order #1, in the amount of \$922,520.07 (5.4 % of the original contract amount) was fully executed on February 22, 2016. This change order included changes in scope 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
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
Finalize design of Founding Fathers Tribute for City Hall plaza area
Redesign recycled water line profile within Carson/Avalon intersection to avoid existing storm drain box culvert

## 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 was submitted by the Contractor in January, reviewed by the City, and pending resubmittal.

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## Project Look-Ahead

Installation of recycled water line laterals is scheduled to continue between Dolores St. and Avalon Blvd. through the beginning of March. The Contractor will then move recycled water line operations to between Dolores St. and Main St. Streetscape improvements in the medians and the south side of Carson St are expected to continue through July.

Completion of City Hall improvements is on hold pending design of Founding Fathers Tribute. Expected completion date will be reevaluated upon completion of design.