

# Carson Street Master Plan Implementation Project

## Monthly Report No. 7

PROJECT NO. 1043

Date: May 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** consists of streetscape improvements of the Carson Street Corridor, a 1.75 mile stretch of roadway 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.

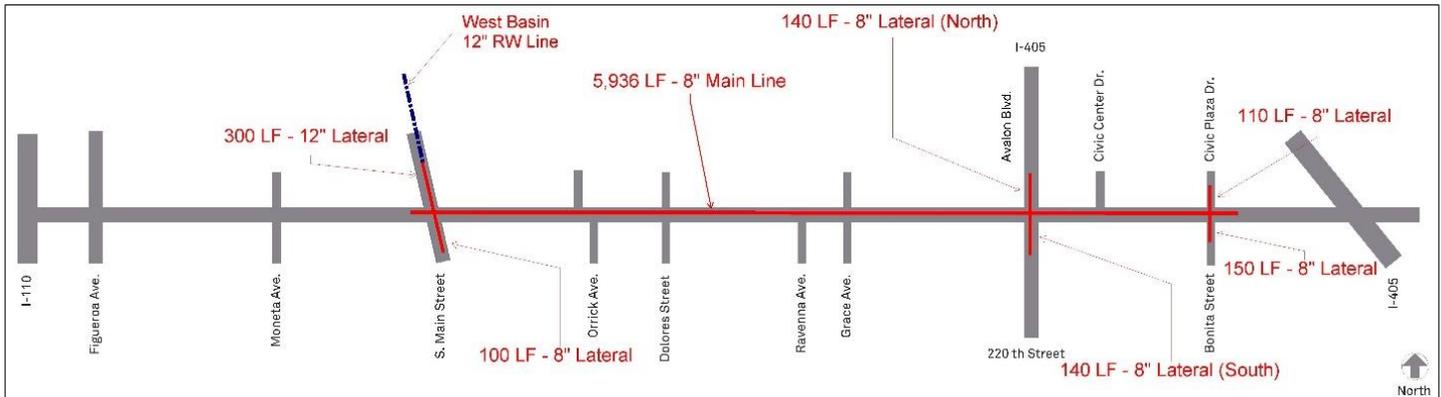


## Project Status

**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 and construction of lateral lines for services, blow-off assemblies and air release/vacuum valves has been completed between Avalon Blvd. and approximately 200 feet from Main St. Pressure testing of the line within these limits is scheduled for early June.

**Revised RW Line Installation Limits:**



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

**Streetscape Improvements:** Construction of hardscape improvements, electrical upgrades and new irrigation are continuing on Carson St. between Figueroa St. and Avalon Blvd.

## Tasks for the Next 30 Days

RW Line Installation
Pressure test RW line between Main St and Avalon Blvd.
Continue excavation and installation of RW mainline through the Main St. intersection and establish water service connection on Main St.
Continue excavation and installation of RW mainline through the Avalon Blvd. intersection.
City Hall Improvements
Finalize design for City Founding Father's Tribute and resume construction activities.
Streetscape Improvements
Continue demo/grade/form/pour driveways and curb/gutter along eastbound Carson St.
Continue drilling/placing foundations for median street lights and pedestrian street lights.
Begin installation of new median street lights.
Install electrical pull boxes from Orrick Ave. to Main St.
Install new pedestrian push button posts at Orrick Ave./Dolores St./Grace Ave.
Continue installation of electrical conduit in both medians and in eastbound Carson St. parkways.
Continue seating node construction eastbound Carson St. between Orrick Ave. and Grace Ave.
Continue CMU block seating node wall construction.
Continue to form and pour sidewalk at various locations between Main St. and Figueroa St.
Continue to lay-out and block-out for tree grates.
Continue pouring concrete under slab for precast pavers installation from Via Verde to Orrick Ave.

# Construction Contract Information

**Contract Summary through May 24, 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 Contract Change Order #1:	0
Total Current Contract Time (calendar days):	425
Calendar Days elapsed through meeting date:	274
Calendar Days Remaining:	151
Current Calculated Completion Date:	10/22/2016

Cost	Amount
Original Contract Amount	\$16,937,335.00
Value Processed through Pay Application #6:	\$5,066,361.84

Payment/Expenditures Update
Contractor Progress Payment #6 was processed on May 26, 2016, in the amount of \$1,293,662.22.
<b>Total amount processed through Progress Payment #6: \$5,066,361.84</b>
Progress Payment #7 is pending from the Contractor.

### Progress Photos



**Catch Basin at 76 Station**



**Fuel Tank Access at 76 Station in Way of New Sidewalk**



**For ADA Compliance Removal Would Have to Move Private Property**



**Removal Would Have to Include Private Property**



**Making the Air-Vac Connection**



**Air-Vac and Blow-Off Trenches at Grace**

**Additional Progress Photos**



**Trench for Blow-Off Assembly**



**Ready to Excavate Blow-Off Trench**



**Blow-Off Location Sidewalk Usuable**



**New Curb and Gutter West of Main**



**Catch Basin Needs to Be Secured**



**Sidewalk Subgrade Being Compacted**

### Additional Progress Photos



**Blow-Off Trench Ready for Pipe**



**13 Foot Deep Blow-Off Trench**



**Ductile Iron Tee for Blow-Off**



**Blow-Off Trench Plated**



**Blow-Off Tee Ready for Riser**



**Compaction Efforts in Blow-Off Trench**

**Additional Progress Photos**



**Location**



**Pile Cap Rebar**



**Termination of 4" Blow-Off East of Grace**



**Air Vac Connection 83+68**

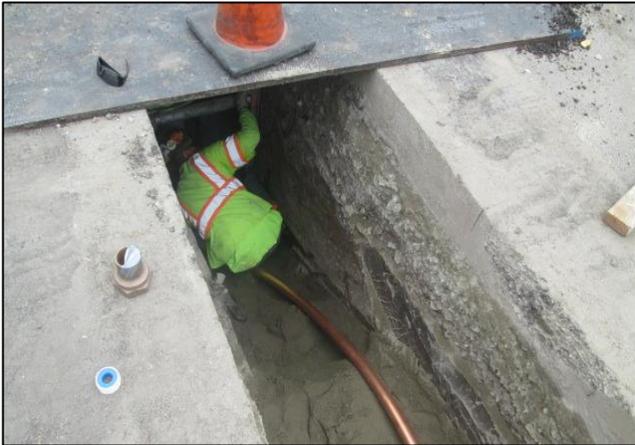


**Sign is 5'-2" Above Southwest Requires Removal**



**Recycled Water Service at 89+14**

**Additional Progress Photos**



**Service Line In at 89+14**



**Air Vac at 89+39**



**Southeast Monument Foundation**



**Northwest Monument Location 4" Gas on Bottom Left**



**Southwest Monument Location on Hold for SCE**



**Sidewalk Closed**

**Additional Progress Photos**



**Southeast Monument Foundation**



**Newly Poured Curb and Gutter**



**Newly Poured Driveway South Side of Carson West of Moneta**



**Cold Mix Left Uncovered**



**Recycled Water Service Line Trench Plated on Carson**



**SCE New Buried 5" Duct Under Curb and Gutter**

**Additional Progress Photos**



**Construction at Monument Location**



**Irrigation Line Same Location as Proposed SCE Duct**



**New Irrigation Located in Footing of Curb and Gutter**



**SCE Vault at Car Wash Lid Supports Failed**



**Curb and Gutter and Driveway at Credit Union**



**Electrical Trench Excavated by SCE Contractor**

**Additional Progress Photos**



**New Curb and Gutter, Driveway and Sidewalk West of Moneta**



**Lid of MH was Broken by General Contractor**



**LAPW: Visible Damage to Manhole made by Gen. Contractor**



**Driveway Half to be Poured this PM**



**This Half to Remain Open**



**Southwest Monument Pile Cap Read for PCC**

**Additional Progress Photos**



**Curb and Gutter East of Fiuroa**



**Southwest Monument Pile Cap ready for PCC**



**2" Recycled Water Service Line at STA: 62+84**



**Southwest Monument Pile Cap Ready for PCC**



**Southwest Monument Pile Cap Ready for PCC**



**Southwest Monument Pile Cap PCC**

# Submittals Information

Submittals	
Total Submittals	83
Submittals in Review	5
Late Submittals	0
Resubmittals Outstanding	6

Project Completed Tasks for February	
<b>RW Line Installation</b>	
Excavated and installed RW services, blow-off assemblies and air release/vacuum valves between Orrick Ave. and 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>	
Continued demolition/grading/forming/pouring ADA curb ramps along eastbound Carson St.	
Continued demolition/grading/forming/pouring driveways on eastbound Carson St.	
Continued installation of electrical conduits and new pedestrian street light foundations in eastbound Carson St. parkways	
Continued seating node construction eastbound Carson St. between Orrick Ave. and Grace Ave.	
Continued CMU block seating node wall construction.	
Continued Carson St. tree well layout and saw cut.	

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

Request for Information (RFI) Data	
Total RFI's Submitted	153
Total Responded RFI's	145
Current Open RFI's	8
Avg. Turnaround Time (Calendar Days)	9

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 vault replacement project on westbound Carson St. just west of Main St.
SWPPP compliance during the rainy season.
Finalize design of Founding Fathers Tribute for City Hall plaza area.
Coordination with LA County Department of Public Health regarding installation and proper identification of both recycled water and domestic irrigation systems.

## Project Schedule Update

Due to changes in the scope of work related to the recycled water line profile, additional appurtenances added to the recycled water line design, added scope for removal/replacement of damaged/deteriorating median curbs, and required removal of unforeseen cement treated subgrade material, 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 this month, currently pending City review and evaluation.

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## Project Look-Ahead

The contractor completed installation of service laterals, blow-offs, and air release/vacuum valve assemblies in order to pressure test the currently constructed length of the recycled water system between Avalon Blvd and Main St. Pressure testing of this segment of the main line is expected to be completed in early June. Construction of the recycled water line is then scheduled to resume in Main St. intersection and from Avalon Blvd. east to Bonita/Civic Center.

Streetscape improvements in the medians and the south side of Carson St. are expected to continue through July. Upon the completion of the recycled water line construction and streetscape improvements on the south side of Carson St., traffic control will be flipped so the travel lane on westbound Carson will be on the inside lane and eastbound traffic will be routed to the outside lane. This traffic control transition is expected to take place in August and will allow for the streetscape improvements on the north side of Carson St. to commence.

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