

# Carson Street Master Plan Implementation Project

## Monthly Report No. 12

PROJECT NO. 1043

Date: September 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/streetsmasterplan.asp>

## Project Description

**The Carson Street Master Plan Implementation Project** 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

**Recycled Water (RW) Line Installation:** Construction of the recycled water line is continuing through the Main St. intersection. Construction of the recycled water mainline and appurtenances within the Main St. intersection has proceeded slower than anticipated due to the number of existing utilities in the area and the special handling required of excavated soil found to contain trace motor oil.

**City Hall Improvements:** The contractor remobilized crews at the City Hall work site and work has commenced per the new Founder's Fountain plan.

**Streetscape Improvements:** Installation of architectural pavers on the south side of Carson St. is ongoing and expected to continue into mid-October. Import soil has been delivered to the planting areas and landscaping will commence upon establishing water service to the newly installed irrigation. The Contractor has also adjusted traffic control on westbound Carson St. from Via Verde to Main St. and demolition is set to begin in this area in early October.

# Tasks for the Next 30 Days

## RW Line Installation

- Continue excavation and installation of RW mainline, laterals and appurtenances through the Main St. intersection and establish water service connection north of Main St.
- Pressure test RW line at the Main St. intersection.
- Continue excavation and installation of RW mainline through the Avalon Blvd. intersection.

## City Hall Improvements

- Form and pour stairs.
- Install precast architectural pavers.

## Streetscape Improvements

- Installation of median street lights with modified foundations (five total) and removal of existing lights.
- Continue construction of new electrical service pedestals.
- Continue installation of architectural pavers on the south side of Carson St.
- Survey demolition limits on the north side of Carson St.
- Grind existing AC limits on the north side of Carson St.
- Begin demolition of existing curb/gutter and sidewalk on the north side of Carson St.
- Installation of Avalon Blvd median irrigation.
- Begin Carson St. landscaping in the medians and south side planter areas.

# Construction Contract Information

**Contract Summary through September 27th, 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 #3:	0
Total Current Contract Time (calendar days):	425
Calendar Days elapsed through meeting date:	400
Calendar Days Remaining:	25
Current Calculated Completion Date:	10/22/2016

Cost	Amount
Original Contract Amount	\$16,937,335.00
Value Processed through Pay Application #8:	\$6,320,595.95

Payment/Expenditures Update
Progress Payment #10 quantities have been finalized and payment processing is pending receipt of required releases from the Contractor.
<b>Total amount processed through Progress Payment #9: \$7,554,768.42.</b>

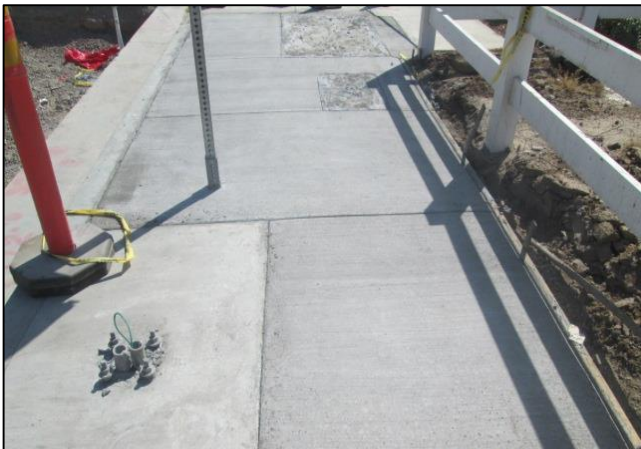
**Progress Photos**



**Pavers on the right have been sealed.**



**Sealing being applied to pavers typical.**



**Sidewalk completed at urgent care.**



**Applying sealer to pavers.**



**Recycled water line blow-off at Main St.**



**Recycled water line blow-off at Main St.**

**Additional Progress Photos**



**Transit stop at Grace at Carson.**



**Bus stop at Grace south side.**



**Transit stop east of Grace.**



**At credit union caution tape needed.**



**Colored Concrete median on Carson at Grace.**



**Utilities in blow-off trench at Main St.**

**Additional Progress Photos**



**Blow-off trench at Main St.**



**8" recycled water spoils used to align the north bound line.**



**Gas line that was discovered in recycled water trench.**



**Recycled water pipe ready for placement on Main Street.**



**Blow-off trench at Main St.**



**Auguring for new traffic signal foundation on northbound Avalon Blvd.**

**Additional Progress Photos**



**Traffic signal pole cage and anchor bolts on Avalon.**



**Conduit for new traffic signal at Ralph's driveway.**



**Recycled water trench north on Main.**



**Transit stop east of Main St.**



**Recycled water liner trench at Main St.**



**Backfilling recycled water trench.**

### Additional Progress Photos



**Conduit for new traffic signal at Ralph's driveway.**



**Imported soil being stored.**



**Contractor spreading imported soil in median.**



**Progress of backfill operation north on Main street.**



**Air vac at transit stop east of Main St.**



**City Hall front door protective framing.**



### Additional Progress Photos



**Transit stop at Main St.**



**Crane at City Hill needed for lifting plywood.**



**Pavers at Main St. transit stop.**



**Front of City Hall.**



**Pedestrian button foundation at Ralph's.**



**Laying out ADA ramp at Ralph's.**

**Additional Progress Photos**



**Equipment used for City Hall slab demolition.**



**Continuing recycled water trench on Main St.**



**Placing sand bedding for recycled water at Main St.**



**Demolition complete at City Hall front door.**



**12" recycled water line tie in on Main St.**



**Placing sand infill in pavers at Main and Carson St.**

**Additional Progress Photos**



**Demolition/grading at City Hall entrance.**



**Starting pavers at Winchells.**



**Ready for sealer.**



**Recycled water line on Avalon Blvd.**



**Stairway construction at City Hall**



**Blow-off location north of Carson on Main many utilities.**

# Submittals Information

Submittals	
Total Submittals	101
Submittals in Review	4
Late Submittals	0
Resubmittals Outstanding	3

Request for Information (RFI) Data	
Total RFI's Submitted	216
Total Responded RFI's	210
Current Open RFI's	6
Avg. Turnaround Time (Calendar Days)	9

Project Completed Tasks for August	
<b>RW Line Installation</b>	
Continued installation of recycled water mainline, blow-offs, air release/vacuum valve assembly, and HDPE sleeving within the Main St. intersection.	
<b>City Hall Improvements</b>	
Remobilized crews at City Hall .	
Demolition of existing hardscape outside of City Hall doors.	
Grading and concrete pour of paver underslab at City Hall doors.	
Re-formed and poured concrete bands per revised Founder's Fountain Tribute plans.	
<b>Streetscape Improvements</b>	
Continued planting trees in Avalon Blvd. sidewalks.	
Obtained Contractor Caltrans Rider permit for work within Caltrans right of way (ROW).	
Obtained Building & Safety approval for the bus shelters and new City Hall doors.	
Backfilled planting areas with imported soil.	
Adjusted traffic control on westbound Carson St. between Via Verde and Main St. in anticipation of demolition activities commencing on the north side of the street.	
Completed required demolition at Ralph's driveway on Avalon Blvd and constructed new driveway/sidewalk.	
Constructed foundations and installed conduit for new traffic signals at the Ralph's shopping center on Avalon Blvd.	

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

Executed Change Order
No contract change orders were executed this month. Change order requests for extra work items tracked on a time and materials basis have been received from the contractor, currently pending review by the construction management team. Extra work change orders currently under review include additional potholing required prior to recycled water line excavations, scope modifications at City Hall, and removal/handling of unforeseen subsurface metal slag material.

Critical Issues
Establish the recycled water mainline connection with Carson Mall recycled water line north of the Carson St./Main St. intersection.
Obtain Building & Safety approval for the monument tower.
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.
Change order negotiations with the Contractor regarding new City Hall Founders' Fountain scope.
Coordination with LA County Department of Public Health regarding installation and proper identification of both recycled water and domestic irrigation systems.
Coordinate domestic irrigation water service with CalWater in order to commence landscaping activities.
Return full pedestrian access to the south side of Carson St.

## 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, and numerous unforeseen utility conflicts, the project's critical path schedule has deviated significantly from both the baseline CPM schedule submitted at the beginning of the project and subsequent monthly updates. A revisited CPM schedule from the Contractor was received in September, with an expected completion date of July 2017. This schedule is currently pending review by the City and Construction Management team.

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## Project Look-Ahead

Recycled water line work at Main St. is currently anticipated to continue through October. Connection to the newly constructed Carson Mall Phase II recycled water mainline is now currently anticipated to be completed in late-October, establishing recycled water service to Carson St. between Main St. and Avalon Blvd. The phasing of the recycled water line has also been modified - construction of the mainline will shift to the eastern limit of the line (adjacent to the Community Center) and move west through Avalon.

Installation of architectural pavers on the south side of Carson St. is currently anticipated to continue through October. Landscaping is also expected to commence shortly, pending approval of submittals tagging of trees at the nurseries and establishing water service to the newly installation irrigation system. Demolition activities on the north side of Carson St. will begin at Via Verde in early October, moving west.

City Hall hardscape improvements are expected to reach substantial completion by the end of October.