

# Carson Street Master Plan Implementation Project

## Monthly Report No. 6

PROJECT NO. 1043

Date: April 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/departm ent/communitydevelopment/s treetmasterplan.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.



## Phasing Plan

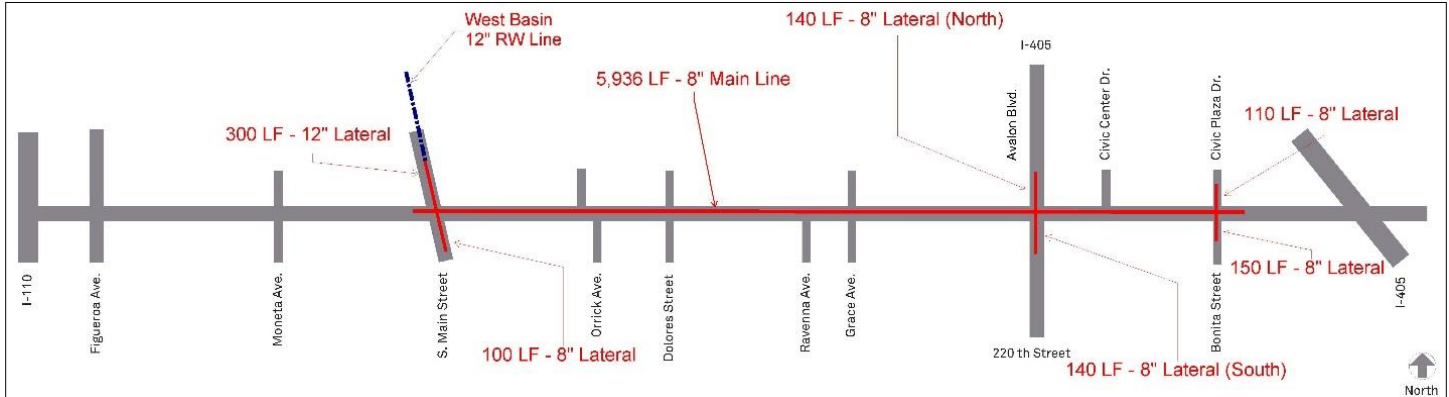
(See Phasing Plan)

## 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 Avalon Blvd. and approximately 200 feet from Main St. Construction of lateral lines for services, blow-off assemblies and air release/vacuum valves has commenced.

**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. Median clear and grub and layout of hardscape improvements have been completed on Avalon Blvd between 220th St. and I-405.

## Tasks for the Next 30 Days

RW Line Installation
Excavate and install RW services, blow-off assemblies and air release/vacuum valves between Main St. and Avalon Blvd.
Pressure test RW line between Main St. and Avalon Blvd.
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
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 installation of irrigation in center medians
Avalon Blvd. tree well layout, saw cut, and removals
Form and pour sidewalk at various locations between Main St. and Figueroa St.
Lay-out and block-out for tree grates
Pour concrete under slab for precast pavers installation from Via Verde to Orrick Ave.

# Construction Contract Information

**Contract Summary through April 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 Contract Change Order #1:	0
Total Current Contract Time (calendar days):	425
Calendar Days elapsed through meeting date:	246
Calendar Days Remaining:	179
Current Calculated Completion Date:	10/22/2016

Cost	Amount
Original Contract Amount	\$16,937,335.00
Value Processed through Pay Application #5:	\$3,772,699.61

Payment/Expenditures Update
Contractor Progress Payment #5 was processed on April 1, 2016, in the amount of \$1,667,814.56.
<b>Total amount processed through Progress Payment #5: \$3,772,699.61</b>
Progress Payment #6 quantities are currently being finalized with the contractor and the construction management team.

**Progress Photos**



**Removal for Future Bump Out**



**Sidewalk Paveback**



**Preparing for Concrete**



**Preparing Bus Shelter**



**Sidewalk and New Curb and Gutter at Bump Out**



**Sidewalk Pave Back at Winchell's**

**Additional Progress Photos**



**Sidewalk Placement**



**Preparing for Culvert Placement**



**Clear and Grubbing on Avalon**



**Driveway to be Removed and Replaced**



**Typical Stump to be Ground**



**Bottom Section of Gutter Place at CVS**

**Additional Progress Photos**



**New Curb and Gutter at Orrick**



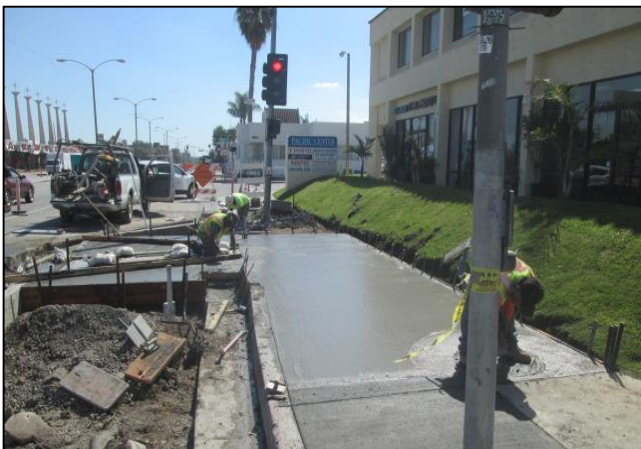
**Spoil Pile to be Removed**



**Electrical Conduit and Irrigation Line**



**ADA Ramp at Orrick**



**New Sidewalk at Orrick**



**Breaker Removing Slag Backfill**

### Additional Progress Photos



**Removing Slag Backfill**



**End Dumps Hauling Spoil from Water Line Excavation**



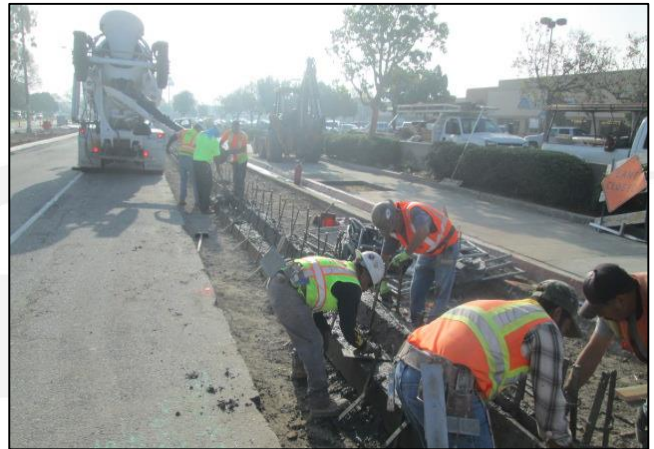
**Compaction Underway**



**ATT Line was Marked**



**Backhoe Ripped Out ATT Line**



**GC Pouring Bump Out at Albertsons**

### Additional Progress Photos



**ATT Spliced Phone Conductors**



**Directed CG to get Load Off Sidewalk**



**Bump Out Curb and Gutter Poured**



**Relocating Hydrant Front of Albertsons**



**Curb and Gutter at Albertsons**



**Relocated Hydrant Front of Albertsons**



**Additional Progress Photos**



**Seating Node Wall Under Construction**



**Seating Node Excavation for Footing**



**Seating Node Under Construction at Winchell's**



**F-1 Pedestrian Light Foundation Rebar Cage**



**Drawing Shows Tree at this Location**



**AC Needing Repair**

**Additional Progress Photos**



**Electrical Lines at CVS**



**Tree Location Mail Box to Relocate**



**Conduit Trench at CVS for Curb and Gutter**



**At CVS Sidewalk Drain Lines Not Shown on DWG**



**Driveway with Culvert at CVS**



**New Sidewalk at CVS**

## Additional Progress Photos



**Existing Drain Lines to be Replaced**



**Rubble to be Removed**



**At CVS Driveway Open for Traffic**



**Potable Water with Warning Tape**



**Mobile Home Park Driveway Removal**



**Mobile Home Park Temporary Driveway**

**Additional Progress Photos**



**Seating Nook CMU Walls Under Construction**



**Delineators Require House Keeping**



**Base Paving Recycle Water Trench**



**Open to Peds Sidewalk Requires Delineation and Caution Tape**



**Pedestrian Light at Bus Stop at Grace**



**Slot Cut that Requires Delineation**

**Additional Progress Photos**



**Flooding from Line Break**



**Results from Broken Water Service Line**



**Second Line Break Same Location**



**AC Requires Repair**



**Crew Relocating Hydrant East of Fig.**



**Irrigation Sub Working in Conjunction with Cal Water**

**Additional Progress Photos**



**Typical Blockage in New Culvert**



**Cal Water Relocating Fire Hydrant**



**Cal Water Working in a 6' Deep Trench No Shoring**



**Subgrade Station 12+00**



**Compacting CMB at Station 12+00 Driveway**



**PCC Placement Drive Way Station 12+00**

### Additional Progress Photos



**Driveway at LAPW Easement**



**Forming Drive Way at Station 12+00**



**Drive Way Interface**



**Cal Water Replaced Broken Line**

# Submittals Information

Submittals	
Total Submittals	74
Submittals in Review	3
Late Submittals	0
Resubmittals Outstanding	6

Project Completed Tasks for February	
<b>RW Line Installation</b>	
Excavated/installed recycled water mainline between Orrick Ave. and Main St.	
Pothole for utility crossing with proposed lateral lines between Avalon Blvd. and Main 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>	
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 irrigation mainlines, laterals and sleeves in eastbound Carson St. parkways and center median.	
Obtained County Health Department conditional approval of recycled water irrigation system design.	
Continued installation of electrical conduits and new pedestrian street light foundations in eastbound Carson St. parkways.	
Installed moisture barriers behind curbs in center medians.	
Disposal of contaminated subgrade material within Carson St.	
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.	
Avalon Blvd. clearing and grubbing.	
Completed cement treated base removals (unforeseen), backfill and grade in eastbound Carson St. parkways between Figueroa St. and Main St.	

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

Request for Information (RFI) Data	
Total RFI's Submitted	138
Total Responded RFI's	126
Current Open RFI's	12
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.
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, 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 in March, City comments returned in April, and pending resubmittal by the contractor.

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## Project Look-Ahead

The contractor has initiated the 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. Construction of the RW line is then scheduled to continue on Main St. and from Avalon to Bonita/Civic Center.

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.