

Carson Street Master Plan Implementation Project

Monthly Report No. 5

PROJECT NO. 1043

Date: March 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.



Phasing Plan

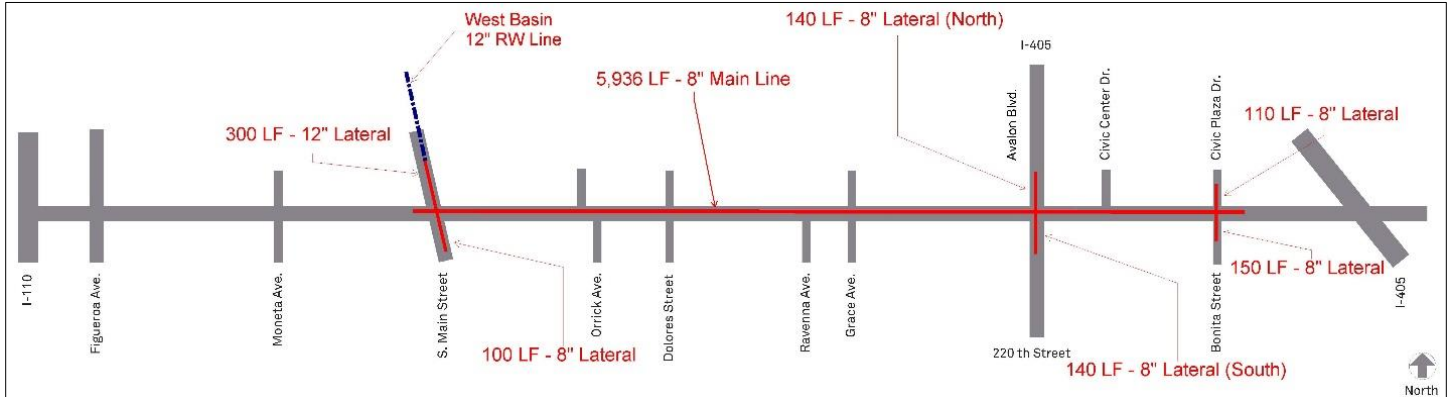
(See Phasing Plan)

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 Orrick Ave. Lateral lines for services, blow-off assemblies and air release/vacuum valves have been potholed between Avalon Blvd. and Dolores St.

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 between Figueroa St. and Avalon Blvd.

Tasks for the Next 30 Days

RW Line Installation
Excavate and install RW services, blow-off assemblies and air release/vacuum valves between Dolores St. and Avalon Blvd.
Excavate and install RW line from Orrick Ave. to Main St.
Install pipe and bedding
Backfill pipe
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
Install moisture barriers behind curbs in center medians
Begin seating node construction eastbound Carson St. between Orrick Ave. and Grace Ave.
Begin CMU block seating node wall construction
Install irrigation in center medians
Avalon Blvd. clearing and grubbing
Avalon Blvd tree well layout, saw cut, and removals
Begin clearing and grubbing on westbound Carson St.
Carson St. tree well layout and saw cut
Cement treated base removals (unforeseen), backfill and grade in eastbound Carson St. parkways between Figueroa St. and Main St.
Form and pour sidewalk at various locations between Main St. and Orrick Ave.
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 March 29, 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:	218
Calendar Days Remaining:	207
Current Calculated Completion Date:	10/22/2016

Cost	Amount
Original Contract Amount	\$16,937,335.00
Additional Amt. approved Contract Change Order #1:	\$922,520.07
Total Current Contract Amount:	\$17,859,855.07
Value Processed through Pay Application #4:	\$2,215,668.48
Balance to Complete:	\$15,644,186.59

Payment/Expenditures Update
Contractor Progress Payment #4 was processed on March 7, 2016, in the amount of \$ 568,724.99
Total amount processed through Progress Payment #4: \$2,215,668.48
Progress Payment #5 quantities have been finalized, and invoice processing is pending receipt of releases from the Contractor and Subcontractors.

Progress Photos



Foundations for F1 Street Light



Median Water Proofing Complete



Grading for Median Landscape



Auguring Hole for Street Light Footing



Street Light Rebar Cage



CMB in Median

Additional Progress Photos



Vacuum Working on Pot Hole



Preparing for Sidewalk and AC Pave



Tree Removal West of Delores



Repairing a Sewer Line



C&G at CB (Catch Basin)



Trip Hazard Calls for SW Removal and Replacement

Additional Progress Photos



Bump Out Ready to be Poured



Cage No Anchor Bolts



PT&T Now AT&T Vault Requires Attention



Drain Line Thru Curb at Church



Pavement Grinder Working



New Sidewalk at Church

Additional Progress Photos



Sharing Trench Electrical and Irrigation



Driveway East of Winchell's



C&G Formed Ready for PCC



Excavating Wet Soil at Winchell's DW



DW C&G at Winchell's



SW Fractured for Removals

Additional Progress Photos



Excavation for Reclaimed Water Line



Spoil Pile Being Tested Odor of Hydrocarbons



Median Ready for Grading



Broken New Curb to Remove All Locations



Wide Load Stuck on Carson St.

Submittals Information

Submittals	
Total Submittals	70
Submittals in Review	4
Late Submittals	0
Resubmittals Outstanding	8

Request for Information (RFI) Data	
Total RFI's Submitted	118
Total Responded RFI's	108
Current Open RFI's	10
Avg. Turnaround Time (Calendar Days)	9

Project Completed Tasks for February
RW Line Installation
Excavated/installed recycled water mainline between Dolores St. and Orrick Ave.
Construct mainline vertical adjustments to clear two unforeseen utility obstructions
City Hall Improvements
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
Streetscape Improvements
Demolished/graded/formed/poured ADA curb ramps along eastbound Carson St.
Continued installation of irrigation mainlines, laterals and sleeves in eastbound Carson St. parkways and Carson St. medians
Demolished/graded/formed/poured seven commercial driveways on eastbound Carson St.
Continued installation of irrigation mainlines, laterals and sleeves in eastbound Carson St. parkways
Continued installation of electrical conduits and new pedestrian street light foundations in eastbound Carson St. parkways
Completed clearing and grubbing on eastbound Carson St. between Figueroa St. and Main St.
Provided connection for temporary service to existing median street lights

Executed Change Order
Contract Change Order (CCO) #2 is currently being drafted by the City's Construction Management team. This change order will include additional utility work performed at City Hall, changes in scope encountered during City Hall improvements, unforeseen cement treated base removals within Carson St., additional construction zone reduced speed limit signage, and additional work to reroute proposed electrical and irrigation lines around unforeseen existing underground conflicts. Finalization of the CCO #2 is being expedited and expected for early April.

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
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, 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 has been submitted by the Contractor in March, pending review by the City.

Project Look-Ahead

Installation of the recycled water mainline is scheduled to continue to the Main St. intersection through April. The Contractor will then complete installation of service laterals, blow offs, and air release/vacuum valve assemblies in order to pressure test the line. 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.