

Carson Street Master Plan Implementation Project Monthly Report No. 10

PROJECT NO. 1043

Date: July 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.



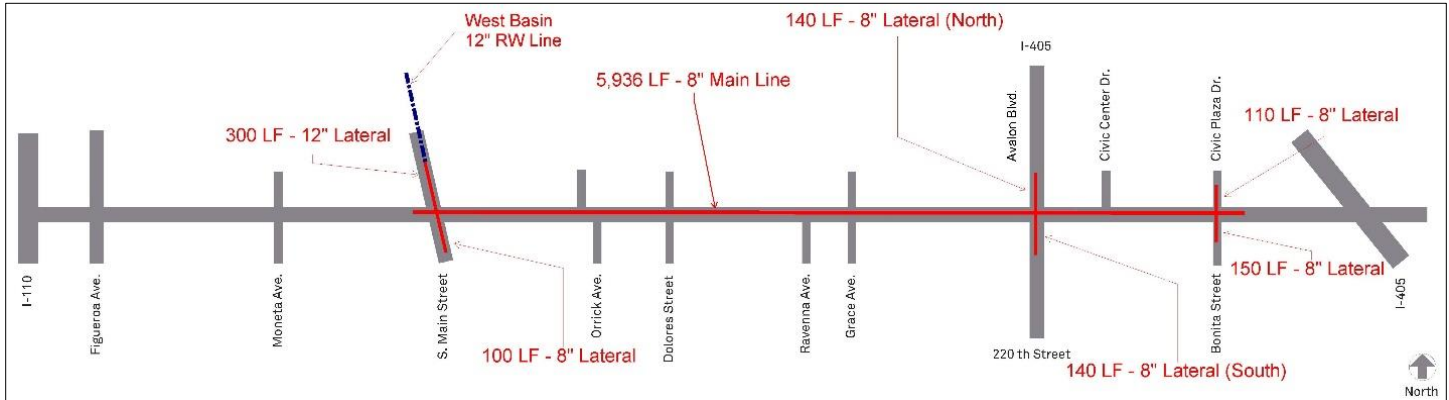
Project Status

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 construction at the Main St. intersection was put on hold for approximately five weeks due to unforeseen utility line conflicts, requiring complete redesign of the recycled water line profile. Redesign was completed in coordination

with West Basin Municipal Water District and the resulting change order work negotiated between the City and the Contractor. Construction has resumed per the new profile design and is expected to be completed in approximately five weeks. Upon completion of a successful pressure test and connection to the recently completed Carson Mall Lateral recycled water line, the recycled water crews will be remobilized to the Avalon Blvd. intersection.

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. New median street lights are being installed and old lights being removed and salvaged for use throughout the City where possible. Installation of architectural pavers on the south side of Carson St. will commence upon completion of excavation at tree wells. Construction activities at the Orrick Ave. intersection are being expedited in order to complete the work prior to school resuming in the August.

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
Finalize design for City Founding Father's Tribute and resume construction activities
Streetscape Improvements
Continue installation of median street lights and removal of existing lights.
Continue installation of electrical conduit in both medians and in eastbound Carson St. parkways.
Construct new electrical service pedestals.
Continue seating node construction on the south side of Carson St. between Figueroa St. and Avalon Blvd.
Install tree well grate frames on the south side of Carson St.
Install tree root barrier at tree wells.
Begin installation of architectural pavers on the south side of Carson St.
Boring of irrigation lines across Figueroa St.
Irrigation pressure test for the south side of Carson St. and medians
Excavate new tree wells and planter areas along the south side of Carson St. (including slag removal) and backfill with topsoil.

Construction Contract Information

Contract Summary through July 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 #2:	0
Total Current Contract Time (calendar days):	425
Calendar Days elapsed through meeting date:	337
Calendar Days Remaining:	88
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
Contractor Progress Payment #8 was finalized on July 12, 2016, in the amount of \$377,481.80.
Total amount processed through Progress Payment #8: \$6,320,595.95.
Payment was issued to the Contractor on July 28, 2016.

Progress Photos



Traffic Plate Used at the Main Carson Intersection



Main Carson Intersection Plated



Spoil Piles Covered and Equipment on Plastic



Southeast Corner Main and Carson Portland Cement Concrete (PCC) Underlayment



Anchor Bolts in Monument Foundation



PCC Cylinders Awaiting Pick-up

Additional Progress Photos



PCC Arrived at North Monument



Top Seeded PCC



Placing Top Seeded PCC



Finished Seeded Concrete East of Main



Looking West from Moneta



Tree Wells to be Excavated

Additional Progress Photos



Tree Grate in Place



Culvert at Seating Node/Joint to be Grouted



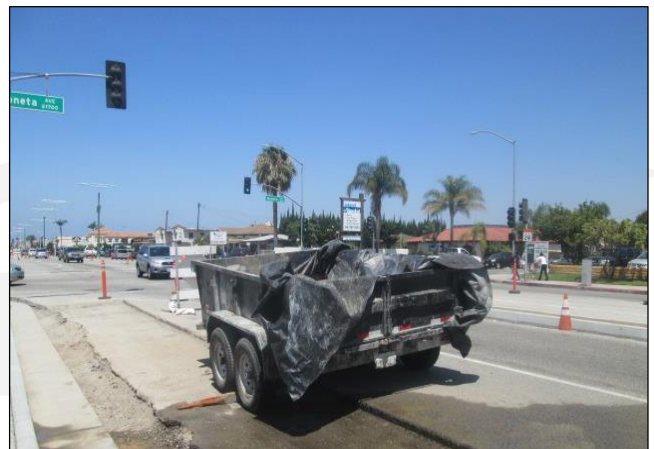
Ready for Landscape



Irrigation Piping



Tree Grates Bolted in Place Crushed Misc. Base Must be Removed



PCC Wash Out

Additional Progress Photos



Visible Shelf Caused by the Presence of Slag



Block Out for Embed



Replaced Conduit for Advance Traffic Loops at Dolores



Seating Node Looking West to Orrick



Seat Node at Dolores



Seating Node at Dolores

Additional Progress Photos



Looking South Across Seating Node



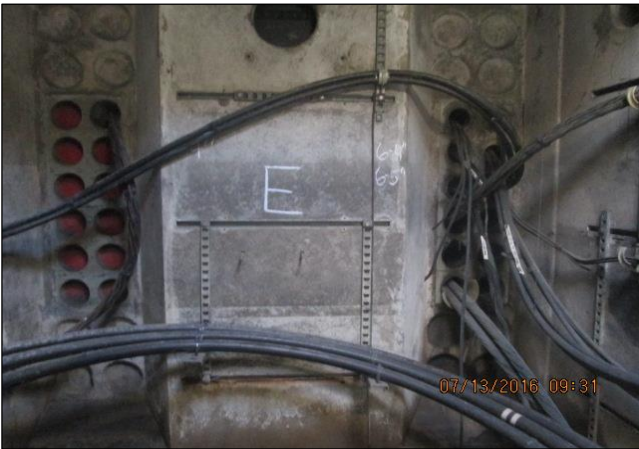
Electrical and Gas at Seating Node at Dolores



PCC Underlayment



Inside Electrical Vault Westbound East of Grace



Inside Electrical Vault Westbound East of Grace



Median East of Main

Additional Progress Photos



Irrigation Press Test Set-up East of Grace



Power Sweeper Westbound



Irrigation Press Test Set-up Tony's Auto



Irrigation Press Test Set-up CVS



Prior to Water Blasting



Post Water Blasting

Additional Progress Photos



AC at Urgent Care Location



Finished Street Light

-End of Photos-

Submittals Information

Submittals	
Total Submittals	95
Submittals in Review	4
Late Submittals	0
Resubmittals Outstanding	3

Request for Information (RFI) Data	
Total RFI's Submitted	188
Total Responded RFI's	178
Current Open RFI's	10
Avg. Turnaround Time (Calendar Days)	9

Project Completed Tasks for July
RW Line Installation
Completed necessary redesign of the recycled water profile within the Main St. intersection due to multiple unforeseen utility lines preventing the line from being installed per plan. The redesign includes two additional blow-offs, an air release/vacuum valve assembly and HDPE sleeving.
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
Continued installation of electrical conduits and new pedestrian street light foundations in eastbound Carson St. parkways.
Continued seating node construction on the south side of Carson St. between Orrick Ave. and Grace Ave.
Constructed the foundation for the northwest monument tower.
Completed a successful field mock-up of the architectural pavers.
Continued placement of seeded concrete median maintenance strip between Figueroa St. and Orrick Ave.
Completed CMU block seating node wall construction on the south side of Carson St.
Installed 16 median street lights between Main St. and Figueroa St.
Began construction of the curb ramps, spandrels and cross gutter on westbound Carson St. at Orrick Ave.

Critical Issues
Obtain Caltrans encroachment permit for work within Caltrans right of way (ROW).
Establish the recycled water mainline connection with Carson Mall recycled water line north of the Carson St. /Main St. intersection.
Obtain Building and Safety approval for the monument tower, median art and bus shelter designs.
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.
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.
Completion of work adjacent to schools during summer vacation.
Site/Security Safety Issues
No site security issues or safety incidents to report.

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, including the recent impacts to the critical path as a result of unforeseen utility conflicts with the recycled water line construction at Main St., was provided by the Contractor this month and is currently pending City review and evaluation.

Project Look-Ahead

Construction of the RW line is continuing through the Main St. intersection. Due to unmarked/unforeseen utility lines, the scope of work at this location has increased significantly. Construction of the recycled water mainline and appurtenances within the Main St. intersection is expected to be completed and pressure tested by late August/early September. Connection to the newly constructed Carson Mall Phase II recycled water mainline is currently anticipated to be completed in mid-September, establishing recycled water service to Carson St. between Main St. and Avalon Blvd. Construction of the mainline will then shift to the Avalon Blvd. intersection moving east. Completion of the recycled water line is the critical path for the project.

Streetscape improvements in the medians and the south side of Carson St., including installation of architectural pavers, seating node construction, median street lights and median seeded concrete, are expected to continue through August. Upon the completion of the recycled water line construction and streetscape improvements on the south side of Carson St. between Main St. and Avalon Blvd., traffic control will be flipped so the travel lane on westbound Carson St. 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 September and will allow for the streetscape improvements on the north side of Carson St. to commence.

Due to delays to the recycled water line completion, the City and the Contractor have modified the proposed phasing to expedite completion of construction activities adjacent to Carson Elementary School. It is anticipated these improvements will be completed before school resumes in mid-August.

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