

Carson Street Master Plan Implementation Project

Monthly Report No. 11

PROJECT NO. 1043

Date: August 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: Construction is continuing within the resumed per the new profile design. Work is currently anticipated to continue within the Main St intersection through the month of September. 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.

City Hall Improvements: Design of the City Hall Founders’ Fountain has been completed. Construction at City Hall remains on hold pending negotiations with the Contractor regarding construction costs related to the new design.

Streetscape Improvements: Installation of architectural pavers on the south side of Carson St. has commenced and is expected to continue into early October. As paver areas are completed and import soil is delivered to the planting areas traffic control will be reduced on the south side of Carson St., traffic flipped from the outside lane to the inside lane on westbound Carson St., and demolition activities initiated on the north side of Carson St.

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
Negotiate a lump sum cost proposal with the Contractor for the City Founding Father’s Tribute and resume construction activities.
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.
Backfill planting areas with imported soil.
Flip traffic on westbound Carson St. from the outside lane to the inside lane.
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.
Finish planting trees on Avalon Blvd sidewalks.
Begin installation of Avalon Blvd median irrigation.

Construction Contract Information

Contract Summary through August 30, 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:	372
Calendar Days Remaining:	53
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
Quantities for Contractor Progress Payment #9 have been finalized and currently pending resubmittal.
Total amount processed through Progress Payment #8: \$6,320,595.95.

Progress Photos



Ductile Iron Recycled Water with Tee Going South



Ductile Iron Tee



Recycled Water with Sleeve



ADA Ramp at Carson Elementary



Recycled Water at Main Street Intersection Tee Going South



Recycled Water Passing Over Oil Lines

Additional Progress Photos



Recycled Water Gate Valve Being Installed



Twelve Inch Silver Asphalt Concrete Fill



Orrick North



Pedestrian Access to Pedestrian Button at Orrick North/South



4" Recycled Water to Treminus



Looking to Parking Lot from ADA Ramp West of Orrick

Additional Progress Photos



Tank for Supplying Sand to Fill Void in Sleeve



Sleeve Being Sand Filled



Painted Area to be Removed in Compliance



Second Driveway at Elementary School



Belco to Provide Pull Box at Orrick Traffic Light



Root Barrier Prior to Planting

Additional Progress Photos



Blow Off at Termination of Recycled Water Line



Drainage Culvert



Ongoing Pot Holing Southbound Main at Carson



Pot Holding Operation on Southbound Main North of Carson



Air Vac Man Hole Center of Carson at Main



Placing Rock in Area of the Air Vac Main Intersection

Additional Progress Photos



Trench for Air Vac at Main and Carson



Main St. Southeast Corner Electrical Box



Paving West of Moneta



Tree Wells Have Been Taped Off



Location for Blowoff Assembly/ Recycled Water Line End West of Main St.



Paving Slot at Orrick and Carson Elementary School

Additional Progress Photos



High Early Portland Cement Concrete on Carson at Main



Grinder Used for Payment at Orrick



National Ready Mix Tech is Adding the Concrete Admixtures



High Early Portland Cement Concrete on Carson at Main



Ready for F-1 Light Foundation



Concrete Admixtures for Portland Cement Concrete on Carson and Main

Additional Progress Photos



Angle Iron Rail for Grating



Modified Rebar Cage for F-1 Light Foundation



Main Street Northbound Trench line for Recycled Water Line



Drive to Rear of Winchell's Treated as a Street Crossing



Rebar Existing in Existing Pavement Station West of Main St.



Right Turn Lane for Going Southbound on Main Ready for Dowels

Additional Progress Photos



1" Strip Left Between Pavers and Sidewalk



Dowels at Approximately West of Main St.



Placing Right Turn Lane at Carson and Main



10" Stick of Recycled Water Line in Trench Southbound on Main



Length of 8" Recycled Water Line with Ball Valve Lowering into Trench



Expansion Backer Between Pavers and Sidewalk

Additional Progress Photos



Recycled Water 22 Deg El Ready for Thrust Block



3" Gap Between Pavers and Sidewalk



Recycled Water 22 Deg El Ready for Thrust Block

-End of Photos-

Submittals Information

Submittals	
Total Submittals	99
Submittals in Review	4
Late Submittals	0
Resubmittals Outstanding	3

Request for Information (RFI) Data	
Total RFI's Submitted	201
Total Responded RFI's	190
Current Open RFI's	11
Avg. Turnaround Time (Calendar Days)	9

Project Completed Tasks for August
RW Line Installation
Continued installation of recycled water mainline, blow-offs, air release/vacuum valve assembly, and HDPE sleeving within the Main St. intersection.
City Hall Improvements
Finalized the design of Founding Fathers Tribute for City Hall Plaza area.
Streetscape Improvements
Continued placement of seeded concrete median maintenance strip between Figueroa St. and Orrick Ave.
Continued installation of new median street lights between on Carson St.
Completed construction of the curb ramps, spandrels and cross gutter on westbound Carson St. at Orrick Ave.
Completed irrigation pressure tests for the south side of Carson St. and medians.
Bored new irrigation lines across Figueroa St.
Excavated new tree wells and planter areas along the south side of Carson St. (including slag removal)
Install tree root barrier at tree wells on Avalon Blvd. and the south side of Carson St.
Began planting trees in Avalon Blvd. sidewalks.
Obtained Caltrans encroachment permit for work within Caltrans right of way (ROW).
Obtained Building and Safety approval for the median art features.

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

Critical Issues
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 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.
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.

Executed Change Order
Contract Change Order (CCO) #3, in the amount of \$469,367.12, is currently pending final execution by the City. This change order includes additional recycled water services and appurtenances, modifications to proposed curb ramps and driveways due to achieve ADA compliance, and disposal/handling of existing subgrade containing trace motor oil.
CCO #4, in the amount of \$230,890.41, was also fully executed during the month of August. This change order includes modifications to the recycled water mainline profile and additional appurtenances within the Main St. intersection, disposal/handling of existing additional subgrade found to contain trace motor oil, alternate tree stakes compatible with the proposed tree grates, a privacy screen along the City Hall work zone fence, modified foundations for pedestrians lights due to subsurface conflicts, and the addition of sealant to the architectural paver installation.

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 and anticipated revised schedule for completion is pending from the contractor.

Project Look-Ahead

Construction of the modified RW line is continuing through the Main St. intersection. Construction of the recycled water mainline and appurtenances within the Main St. intersection is currently anticipated to continue through September. Connection to the newly constructed Carson Mall Phase II recycled water mainline is currently anticipated to be completed in late-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.

Installation of architectural pavers and backfill of the planter areas on the south side of Carson St. is currently anticipated to continue through mid-September. Upon the completion of the recycled water line construction and the remaining streetscape improvements on the south side of Carson St. between Main St. and Avalon, 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 September 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 negotiations with the Contractor regarding construction costs related to the new Founders' Fountain design. Expected completion date will be reevaluated upon final negotiations related to the modified scope.