

Carson Street Master Plan Implementation Project

Monthly Report No. 9

PROJECT NO. 1043

Date: June 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.

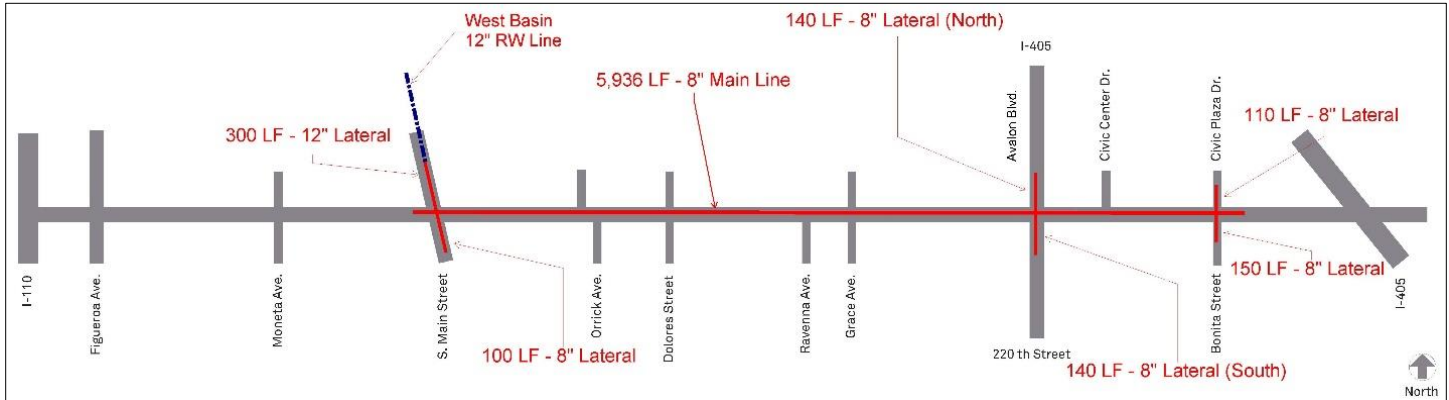
Project Status

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 and lateral lines for services, blow-off assemblies and air release/vacuum valves have been constructed and successfully pressure tested between Avalon Blvd. and approximately 200 feet from Main St. Construction of the mainline has continued into the Main St. intersection where stubouts and temporary blow-offs for potential future expansion of the recycled water system to the west and south of the intersection. The connection to the

newly constructed Carson Mall recycled water mainline to the north of Main St. is anticipated by late July. This connection will provide recycled water to the Carson St. Masterplan Project.

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 approval of a sample mock-up section.

Tasks for the Next 30 Days

RW Line Installation
Pressure test RW line between at the Main St. intersection.
Continue excavation and installation of RW mainline, laterals and appurtenances through the Main St. intersection and establish water service connection north of Main St.
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.
Continue seating node construction on the south side of Carson St. between Figueroa St. and Avalon Blvd.
Continue CMU block seating node wall construction.
Install tree well grate frames on the south side of Carson St.
Begin installation of architectural pavers on the south side of Carson St.
Construct the foundation for the northwest monument tower.
Irrigation pressure test for the south side of Carson St.
Excavate new planter areas along the south side of Carson St. and backfill with topsoil.

Construction Contract Information

Contract Summary through June 28, 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:	309
Calendar Days Remaining:	116
Current Calculated Completion Date:	10/22/2016

Cost	Amount
Original Contract Amount	\$16,937,335.00
Value Processed through Pay Application #6:	\$5,066,361.84

Payment/Expenditures Update
Contractor Progress Payment #7 was finalized on June 22, 2016, in the amount of \$876,752.31.
Total amount processed through Progress Payment #7: \$5,943,114.15
Progress Payment #7 is currently pending processing/payment by the City

Progress Photos



Portland Cement Concrete for Seating Node



Beginning of Concrete Pour



Seating Node Being Poured



Seating Node at Winchell's



Portland Cement Concrete for Seating Node at CVS



Pre-fab Culvert at Seating Node at CVS

Additional Progress Photos



Typical Underpayment



Curb at ADA Ramp Grace and Carson Ready for Hand Rail



Pedestrian Push Button at Southeast Corner of Grace and Carson



Seating Node Culvert at Station 83+91



Dust Control Required Station 83+91



Broken ADA Curb at Grace and Carson

Additional Progress Photos



Portland Cement Concrete Underlayment at Station 84+00



New Sidewalk at 84+00



Looking West/ South Side of Carson at Station 84+00



Future Bus Shelter Grace and Carson



Tree Well Approx. 400 Carson Buried Irrigation Line



Bus Stop at Grace Drain to be Relocated to Curb

Additional Progress Photos



Drain Line Being Relocated to Curb



Portland Cement Concrete at Future Bus Shelter Grace and Carson



Recycled water Pressure Test Underway



Measured Water for Pressure Test



Water for Test Supplied Via Hydrant at 80 PSI



Line of the Hose from Hydrant to Test Area

Additional Progress Photos



Placing Portland Cement Concrete Ramp Southeast Corner of Moneta



Irrigation Line from Main to Moneta



Southbound on Avalon Curb Removed Left Turn Lane to Desford



Contaminated Spoil Removed from Recycled Water Trench and Stored



Recycled Water at Change in Elevation



Inserting New Length of Recycled Water Pipe

Additional Progress Photos



Looking West from Urgent Care



Existing Southwest at Bus Stop at Urgent Care



Preparing Grade for Curb and Gutter Installation



Ready for Portland Cement Concrete



Irrigation Piping and Electrical Conduit Sharing Trench



Constructing ADA Ramp Southeast Corner Moneta

Additional Progress Photos



Eastbound South Side of Carson Figueroa in Background



Portland Cement Concrete Underlayment at Federal Credit Union



Recycled Water at Change in Elevation



Seating Node Layout at Federal Credit Union



Seating Node at Urgent Care



Pothole Foundation for Seating Node Wall

Additional Progress Photos



Slag Material at Station 51+56



There Will Be No Culvert at Urgent Care Driveway



New Driveway at Florist Shop



Southwest Corner Figueroa and Carson



Recycled Water Trench at Intersection of Main and Carson



Driveway South Side of Carson West of Figueroa

Additional Progress Photos



Removal of Existing Light Poles



Conduit at Main and Carson



Air Vac Repair Main and Carson



New Street Lights Being Erected



ADA Ramp Southwest Corner of Carson and Figueroa



Out of Plum Eastbound Figueroa Southwest Corner

Additional Progress Photos



Pull Box in ADA Ramp Figueroa and Carson



Completed Ramp Southeast Corner Main and Carson



Compacting Asphalt Concrete at Recycled Water Line



Compliance with R7 Westbound Recycled Water Specifications



Placing Traffic Control Pull Box Main and Carson



Floating PCC Driveway South Side of Carson Street Adjacent to Urgent Care

Submittals Information

Submittals	
Total Submittals	91
Submittals in Review	6
Late Submittals	0
Resubmittals Outstanding	5

Project Completed Tasks for February	
RW Line Installation	
Completed excavation and installation of RW services, blow-off assemblies and air release/vacuum valves between Main St. and Avalon Blvd.	
Completed successful pressure test of RW mainline and appurtenances between Main St. and Avalon Blvd.	
Continued excavation and installation of recycled water mainline at the Main St. intersection.	
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	
Completed demolition/grading/forming/pouring ADA curb ramps along eastbound Carson St.	
Completed demolition/grading/forming/pouring driveways on eastbound Carson St.	
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.	
Completed portland cement concrete sidewalk construction on the south side of Carson St.	
Completed concrete under slab for precast pavers on the south side of Carson St.	
Continued CMU block seating node wall construction.	
Completed tree well layout, saw cut and block-out on the south side of Carson St.	
Install new pedestrian push button posts at Orrick Ave. / Dolores St. / Grace Ave.	
Installed 20 median street lights between Main St. and Figueroa St.	

Request for Information (RFI) Data	
Total RFI's Submitted	174
Total Responded RFI's	167
Current Open RFI's	7
Avg. Turnaround Time (Calendar Days)	9

Critical Issues	
Obtain Caltrans encroachment permit for work within Caltrans right of way (ROW).	
Finalize redesign of the RW mainline within the Main St. intersection to avoid unmarked, unforeseen utility lines.	
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.	

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 is currently pending City review and evaluation.

Project Look-Ahead

The Contractor has completed and pressure tested approximately 3,600 linear feet of recycled water mainline and appurtenances between Avalon Blvd. and Main St. Construction of the RW line is continuing through the Main St. intersection. Due to unmarked/unforeseen utility lines, redesign of the mainline profile within the Main St. intersection is required. This redesign is expected to be finalized for completion during the first week of July. Construction of the recycled water mainline and appurtenances within the Main St. intersection is expected to be completed and pressure tested by late July. Connection to the newly constructed Carson Mall Phase II recycled water mainline is currently anticipated to be completed in late July/early August, 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 July. Upon the completion of the recycled water line construction and 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 August 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 design of Founding Fathers Tribute. Expected completion date will be reevaluated upon completion of design.