

Carson Street Master Plan Implementation Project

Monthly Report No. 13

PROJECT NO. 1043

Date: October 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.gruennassociates.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/streetsmasterplan.asp>

Project Description

The Carson Street Master Plan Implementation Project 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

Recycled Water (RW) Line Installation: Construction of the recycled water mainline and appurtenances within the Main St. intersection was completed and pressure tested during the month of October. Due to ongoing negotiations between the City and West Basin Municipal Water District, City Council directed construction of the recycled water line to stop at the existing eastern limit, west of Avalon, and a temporary potable water connection to the mainline established at Main St until funding negotiations are finalized. A butterfly valve will be placed at the current eastern limit of the line to allow for the installed mainline to remain operational once construction of the line resumes moving east.

City Hall Improvements: The Contractor completed construction of the City Hall plaza stairs and installation of the architectural pavers is imminent.

Streetscape Improvements: Required demolition was completed on the north side of Carson St between Via Verde and Main St. Grading and subsurface improvements are ongoing in this area, along with construction of new curb/gutter, driveways, curb ramps and sidewalk.

Tasks for the Next 30 Days

RW Line Installation

Establish temporary potable water service in coordination with California Water Service.

Install butterfly valve at current eastern limit of the mainline.

City Hall Improvements

Install precast architectural pavers.

Fabricate and install hand rails.

Streetscape Improvements

Continue installation of subsurface electrical and irrigation improvements on westbound Carson St. between Via Verde and Main St.

Continue installation of transit shelters and street furniture.

Installation of median street lights with modified foundations (five total) and removal of existing lights.

Continue construction of new electrical service pedestals.

Installation of Avalon Blvd median irrigation.

Continue Carson St landscaping in the medians and south side planter areas.

Establish permanent irrigation service west of Main St.

Establish temporary irrigation service east of Main St.

Construction Contract Information

Contract Summary through November 1st, 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 #4:	0
Total Current Contract Time (calendar days):	425
Calendar Days elapsed through meeting date:	435

Cost	Amount
Original Contract Amount	\$16,937,335.00
Value Processed through Pay Application #10:	\$8,352,391.53

Payment/Expenditures Update
Progress Payment #11 quantities have been finalized and payment processing is pending receipt of required releases from the Contractor.
Total amount processed through Progress Payment #10: \$8,352,391.53.

Progress Photos



Pouring Thrust Block off Trench Main North of Carson



Blower for Petroleum Smell Removal



Setting Blow off



Blower



Looking East Area for Pavers West of Figueroa



Pavers Complete East of Figueroa

Additional Progress Photos



Forming South Stairway at City Hall



Placing Rebar in West Stairway at City Hall



Placing West Stairway City Hall



Placing East Stairway City Wall



Placing 24" Box Trees



Band at City Hall Replaced ADA Push Button

Additional Progress Photos



Typical Stairway City Hall



Placing Portland Concrete Cement West Landing at Stairway



Placing Portland Concrete Cement East Landing at Stairway



North Side Demolition



Trenching for Street Lighting Conduit



Installing Irrigation System

Additional Progress Photos



Demolition on North Side of Carson Street



Potholing During Trenching



Excavating Trench for Electrical Lighting Conduit



Compacting Recycled Water Trench Backfill on Main St.



Potholing for Installation of Waterline



Median Trees Being Installed

Additional Progress Photos



Setting Forms for Curb and Gutter



Preparing Bedding for Architectural Pavers



Installing 24" Boxed Parkway Tree



Setting Reinforcing Cage and Anchor Bolts for Transit Shelter



Bus Shelter Foundation



Demolition on Carson Street at Grace

Additional Progress Photos



Installing Irrigation Mainline and Laterals



Architectural Pavers Installed South Side, East of Figueroa



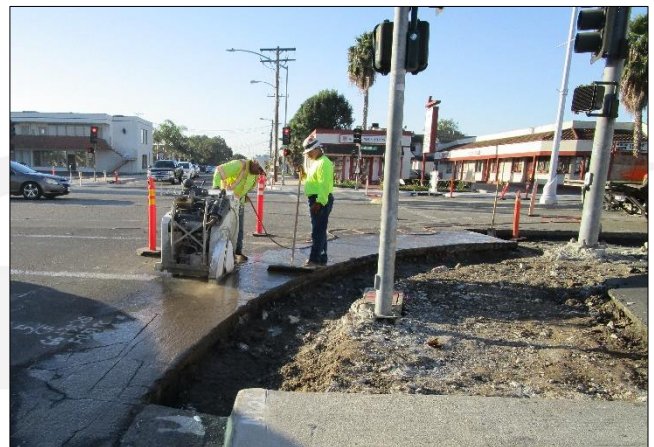
Forming Curb and Gutter North Side of Carson



Tree Well Grate Installed South Sided of Carson



Installing Conductor for City Hall



Saw cutting for Demolition

Additional Progress Photos



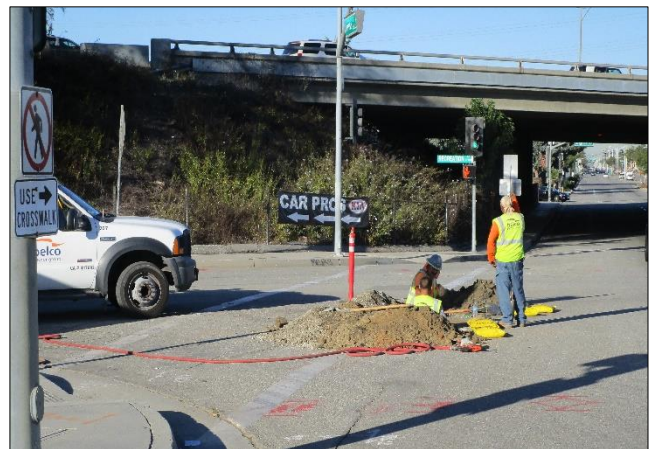
Installing Architectural Pavers South Side of Carson



Trees for Planting South Side of Grace



Tree Roots Removed East of Grace



Potholing for Fiber Optic Installation



Placing Driveway West of Via Verde



Installing Irrigation Mainline on North Side of Carson

Additional Progress Photos



Installing Bus Shelter



Placing Architectural Pavers on South Side of Carson



Planting and Watering Trees on Carson



Compacting Crushed Miscellaneous Base for Driveway West Grace



Forming Curb and Gutter on North Side of Carson



Placing Concrete in Intersection of Carson on Main

Additional Progress Photos



Installing Irrigation Laterals, Risers and Heads in Median



Removing Plates from Carson and Main Intersection



Driveway Placed on North Side of Carson West of Grace



Grading and Forming Handicap Ramp



Installing Irrigation Laterals, Risers and Heads in Median



Placing Architectural Pavers

Additional Progress Photos



Curb and Gutter Formed on North Side of Carson



Finishing Curb and Gutter



Bus Shelter Supports Installed



Repairing Traffic Signal Conduit at Carson and Main



Installing Irrigation Laterals, Risers and Heads in Parkway



Pulling in New Conductor at Carson and Main

Additional Progress Photos



Paving Trench on Westbound Carson East of Main



Removing Spoils from Palm Tree Planting



Placing Curb and Gutter on North Side of Carson West of Grace



Cleaning Catch Basin Best Management Practices Prior to Rain



Watering Trees on Carson



Removing Spoils from Palm Trees

Submittals Information

Submittals	
Total Submittals	119
Submittals in Review	2
Late Submittals	0
Resubmittals Outstanding	3
Request for Information (RFI) Data	
Total RFI's Submitted	227
Total Responded RFI's	219
Current Open RFI's	8

Critical Issues
Modify the proposed design of hardscape improvements on the north side of Carson St due to unforeseen existing subsurface utility conflicts.
Establish temporary potable water service to the recycled water mainline in coordination with California Water Service.
Coordinate with West Basin Municipal Water District regarding funding of the recycled water mainline.
Obtain Building & Safety approval for the monument tower.
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.
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.
Coordinate domestic irrigation water service with CalWater in order to commence landscaping activities.
Return full pedestrian access to the south side of Carson St.
Executed Change Order
No Contract Change Orders were executed this month. Contract Change Order #5 is currently being drafted by the Construction Management Team, including additional required potholing, unforeseen required grade roadway and ramp grade adjustments at Orrick Ave, and modified architectural paver layout/scope at City Hall.

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

Project Completed Tasks for August
RW Line Installation
Completed installation of the recycled water mainline, blow-offs and air release/vacuum valve assembly within the Main St. intersection.
Successfully pressure tested the newly constructed mainline from Orrick Ave through the Main St. intersection.
Completed potholing for existing utilities within the 4-inch temporary potable water service lateral alignment.
Field-located the future temporary potable water service meter location with California Water Service.
City Hall Improvements
Constructed City Hall stairs and color contrasting stair treads.
Planted palm trees.
Installed palm tree uplights.
Streetscape Improvements
Surveyed the demolition limits on the north side of Carson St.
Completed grinding existing AC limits on the north side of Carson St. between Via Verde and Orrick Ave.
Completed required demolition activities on the north side of Carson St. between Via Verde and Main St.
Commences installation of transit shelters and street furniture
Began grading and constructed curb/gutter, driveways, sidewalk and curb ramps on westbound Carson St. between Via Verde and Dolores St
Commenced installation of subsurface electrical and irrigation improvements on westbound Carson St. between Via Verde and Main St
Continued backfilling planting areas on Carson St with imported soil
Continued planting trees in Carson St. medians, sidewalks and new bumped out planter areas.
Began installation of tree grates.
Surveyed the demolition limits on the north side of Carson St.
Completed grinding existing AC limits on the north side of Carson St. between Via Verde and Orrick Ave.
Completed required demolition activities on the north side of Carson St. between Via Verde and Main St.

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. The City is engaged in ongoing discussions with Powell Constructors regarding project phasing and scope modifications in an effort to expedite the current July 2017 anticipated completion date.

Project Look-Ahead

The recycled water line construction has been put on hold at the direction of City Council, pending ongoing negotiations with West Basin Municipal Water District.

Installation of transit shelters and street furniture on the south side of Carson St. is expected to continue through November along with landscaping in these same areas and the medians. Grading, hardscape and subsurface irrigation and electrical improvements are ongoing on the north side of Carson St between Via Verde and Main St. Demolition and asphalt grinding is expected to commence on the north side of Carson St between Main St. and Figueroa St in mid to late November.

City Hall hardscape improvements are expected to reach substantial completion in mid-November. It is anticipated that construction of the Carson St/Avalon Blvd intersection improvements project will begin shortly thereafter.