



City of Culver City

Staff Report

File #: 20-354, Version: 1

Item #: C-6.

CC - Approval of an Amendment to the Existing Professional Services Agreement with California Watershed Engineering for Additional Civil Design Services for Washington Boulevard Stormwater Diversion Project, PR-001 in an Amount Not-to-Exceed \$304,293 (\$276,693 Base Cost with a 10% Contingency of \$27,600)

Meeting Date: November 18, 2019

Contact Person/Dept: Lee Torres/Public Works Department

Phone Number: (310) 253-6457

Fiscal Impact: Yes No

General Fund: Yes No

Public Hearing: **Action Item:** **Attachments:**

Commission Action Required: Yes No **Date:**

Public Notification: (E-Mail) Meetings and Agendas - City Council (11/13/19)

Department Approval: Charles D. Herbertson, Public Works Director/City Engineer (11/04/19)

RECOMMENDATION

Staff recommends the City Council approve an amendment to the existing professional services agreement with California Watershed Engineering for additional design services for Washington Boulevard Stormwater Diversion Project, PR-001 in an amount not-to-exceed \$304,293 (\$276,693 base cost with a 10% contingency of \$27,600)

BACKGROUND

On May 30, 2017, City Council approved a professional services agreement for civil design for Washington Boulevard Stormwater Diversion Project, PR-001.

The Marina del Rey (MdR) watershed is a small sub-watershed located in the larger, Santa Monica Bay watershed. The tributary area served by the MS4 Permit that drains to MdR harbor is approximately 1,409 acres and consists of portions of the cities of Culver City, Los Angeles and unincorporated County of Los Angeles (County). The MdR watershed is subject to three Total Maximum Daily Loads (TMDLs); the Santa Monica Bay Nearshore Debris TMDL, the Marina del Rey

Harbor Mother's Beach and Back Basin Bacteria TMDL, and the Toxic Pollutants in Marina del Rey Harbor TMDL. The final compliance is required by 2021.

To comply with the MS4 Permit, the City Council approved the development and implementation of the Marina del Rey Enhanced Watershed Management Program (EWMP). The EWMP reviews the watershed as a whole and proposes Best Management Practices (BMPs) for responsible jurisdictions to complete. Furthermore, construction of larger regional projects that could capture, infiltrate, divert, and/or reuse dry weather urban runoff and storm flows from an 85th percentile storm event or roughly 1.1 inch of rain is also required.

The Public Works Department's Environmental Programs and Operations Division (PW-EPO) is proposing a Diversion System Project (Project) to capture stormwater/urban runoff from approximately 42 acres of drainage area (including Costco). This drainage area is primarily commercial and residential. Originally, the City proposed to capture and divert the 85th percentile, 24-hour storm event into large underground storage chambers under Washington Boulevard between Glencoe Avenue and Redwood Avenue with diversion and pre-treatment structures, and pump wells to be located near Costco's westernmost driveway entrance. After 72 hours of a rain event, the captured volume will then be pumped back into an existing sanitary sewer system conveying runoff to the City of Los Angeles' Hyperion Water Reclamation Plant for treatment. There will be a portion of captured runoff retained to be re-used for irrigation purposes for the future landscaped medians along Washington Boulevard as part of the Area Improvement Project to be constructed by the Community Development Department.

Original Design - Traffic and Parking Impacts

The initially proposed underground storage chambers, diversion structure, pre-treatment system, and pump wells were to be constructed under Washington Boulevard between Walnut Avenue and Redwood Avenue. This would require reducing traffic lanes along the westbound direction on Washington Boulevard from two lanes to one lane from Tivoli Avenue to Walnut Avenue. Two lanes along the eastbound direction on Washington Boulevard would be maintained utilizing the existing vehicle parking lane. See Attachment 1.

This would require the temporary removal of 38 street parking spaces on southside of Washington Boulevard between Del Rey Avenue to Tivoli Avenue. In addition, the northside of Washington Boulevard would be impacted by the loss of 24 street parking spaces between Glencoe Avenue and Tivoli Avenue.

Public Outreach

On November 8, 2018 and April 30, 2019, community outreach meetings for Washington Boulevard Stormwater Diversion Project were held at Coeur d'Alene Avenue Elementary School Auditorium.

Invitations to the public meeting were distributed to the immediate Culver City and City of Los Angeles businesses, residences, and local schools via postcard and email subscribers through our City's GovDelivery system, local newspapers (Argonaut, La Opinion, and Culver City News) and Social Media outlet (Nextdoor, Twitter, and Facebook). In addition, Staff distributed project information notices and met one on one with business owners on Washington Boulevard between Wade Street and Lincoln Boulevard to invite them to the April 30 community meeting.

Additional meetings were also coordinated to discuss the project and construction impacts;

- May 6, 2019 - Staff met the Washington Boulevard business owners.
- May 23 and October 28, 2019 - Staff met with City of Los Angeles Council District representatives, and representative from City of Los Angeles' local Neighborhood Councils (Mar Vista Community Council, Venice Neighborhood Council, and Del Rey Neighborhood Council).

DISCUSSION

As a result of all the feedback from the meetings, Staff revisited other alternatives that minimizes the loss of street parking and the length of the lane closure along the westbound direction of Washington Boulevard.

The alternative that was determined to meet the concerns including the loss of street parking and minimizing the lane closure was the placement of the underground storage chambers under the sidewalk and Costco's landscape area on the westside of the street on Glencoe Avenue between Washington Boulevard and Zanja Street. And, the remaining underground storage chambers needed to comply with the required captured run-off volume to be located under Washington Boulevard between Costco driveways.

This concept will still require a traffic lane to be closed along the westbound direction of Washington Boulevard as designed in the originally proposed plan, but this will only occur between Glencoe Avenue (north) to westernmost Costco driveway.

This concept also reduces the loss of street parking on Washington Boulevard from 62 to 18 spaces. The 18 street parking spaces lost will be on the southside of Washington Boulevard between Del Rey Avenue and Glencoe Avenue, see Attachment 2. A Parking Utilization Study was prepared on June 2019 and determined that area between Del Rey Avenue and Glencoe Avenue was the least utilized street parking within the project limits with less than half occupied during peak hours. Many of the commercial properties in this segment provide on-site parking.

The impacts due to constructing the underground storage chambers on Glencoe Avenue will be limiting the direction of travel to northbound only from Washington Boulevard to Zanja Street, temporary loss of street parking, and removal/replacement of approximately 16 street trees.

Through field observations by Staff, the parking demand on Glencoe Avenue is about 18 cars with 46 street parking spaces available. The proposed work on Glencoe Avenue will be in two phases that will allow enough street parking to be available for Glencoe residents during construction.

Glencoe Resident Outreach

On September 5, 2019, a community outreach meeting was held for Glencoe Avenue residents only. We did not have any residents attend. Staff redistributed a second project information letter door to

door and via mail to all Glencoe Avenue residents between Washington Boulevard and Zanja Street.

Request Additional Services

Staff is requesting additional design services to redesign Washington Boulevard Stormwater Diversion System. The additional design services will include additional topographic and utility survey on Glencoe Avenue, revision to the hydraulic and hydrology study, revision of the environmental study to include Glencoe Avenue, preparation of final plans/specifications/construction estimates, construction support, and allowance to prepare and submit an application for Measure W (Safe, Clean Water Program) Funding.

FISCAL ANALYSIS

The project funding is as follows:

Proposed Project Budget	
Washington Boulevard Stormwater Diversion (43480000.730100.PR001)	\$5,731,000
LA County Open Space & Park Grant Funds	\$767,136
Costco Wholesale Corporation	\$2,140,000
Available Funds	\$8,638,136

Design Budget	
Design – CWE	\$376,000
Proposed Additional Work	\$276,693
Total Design Cost	\$652,693

ATTACHMENTS

1. 2019-11-18_ATT - Site Plan - Original Concept
2. 2019-11-18_ATT - Site Plan - New Concept

MOTION

That the City Council:

1. Approve an amendment to the existing professional design services agreement with California Watershed Engineering for additional design services for the Washington Boulevard Stormwater Diversion Project, PR-001 in an amount not-to-exceed \$276,693;

2. Authorize the Public Works Director/City Engineer to approve amendments to the agreement with California Watershed Engineering in an amount not-to-exceed \$27,600 for additional design work;
3. Authorize the City Attorney to review/prepare the necessary documents; and
4. Authorize the City Manager to execute such documents on behalf of the City.