



CITY OF HUNTINGTON BEACH

Public Works Department

Sean Crumby, PE
Director of Public Works

October 12, 2022

Ms. Charvalen Alacar
Senior Transportation Funding Analyst
Orange County Transportation Authority
600 S, Main Street
Orange, CA 92863

Dear Ms. Alacar:

**Subject: Request for Escalation to Project P Prior Allocation
Regional Traffic Signal Synchronization Program
Bolsa Chica Street/Valley View Street Corridor Project**

In April 2020, the Orange County Transportation Authority (OCTA) approved funding for the Bolsa Chica Street/Valley View Street Corridor Project under the Regional Traffic Signal Synchronization Program. In June 2021, a delay request was approved by OCTA which specifies that the commencement of the project will be in fiscal year 2022/2023.

The initial application was submitted in October 2019. With the passage of time construction costs have escalated and the City is requesting additional grant funding consistent with the Engineering News Record (ENR) Construction Cost Index (CCI).

As provided by OCTA, the CCI escalation factors are as follows:

Fiscal Year 2020/2021	5.9%
Fiscal Year 2021/2022	8.2%
Fiscal Year 2022/2023	5.7%.

The construction cost, as presented in the grant application dated March 19, 2020, is \$1,465,000. The CCI was applied to the original construction cost as follows:

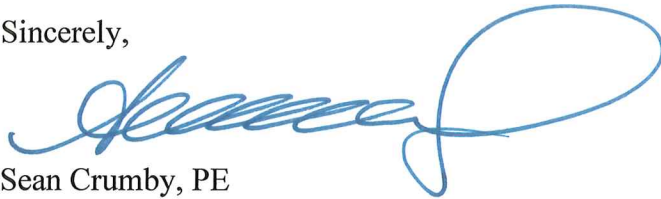
Original Construction Cost Estimate	\$1,465,000.00
Fiscal Year 2020/2021 Escalation (5.9%)	<u>\$ 86,435.00</u>
	\$1,551,435.00
Fiscal Year 2021/2022 Escalation (8.2%)	<u>\$ 127,217.67</u>
	\$1,678,652.67
Fiscal Year 2022/2023 Escalation (5.7%)	<u>\$ 95,683.20</u>
Revised Construction Cost Estimate	\$1,774,335.87

This increase in the construction cost is \$309,335.87, bringing the total project cost to \$2,169,935.87, with a total M2 request of \$1,735,949. The revised project cost breakdown, originally submitted in Section 5 of the grant application, is included as an attachment.

A draft City Council resolution supporting this request is also attached. It is anticipated that this resolution will be brought before the Huntington Beach City Council at their November 1, 2022 meeting.

Your consideration of our Request for Escalation is appreciated. If you have any questions, please contact William Janusz, Principal Civil Engineer, at (714) 374-1628.

Sincerely,



Sean Crumby, PE
Director of Public Works

Attachments: Project Cost Breakdown (revised from Section 5 of the original grant application)
Draft Huntington Beach City Council Resolution

Copy: Dai Vu, City Traffic Engineer, City of Garden Grove
Bill (Hoa) Pham, Civil Engineering Associate, City of Westminster

SECTION 5: FUNDING NEEDS / COSTS FOR PROPOSED PROJECT BY TASK

WITH 21.12% CONSTRUCTION COST ESCALATION (FY 20/21-5.9%, FY 21/22-8.2%, FY 22/23- 5.7%)

Primary ImplementationThe Primary Implementation will last one year and include the following elements (**See Table I and Table II**).

INSTRUCTIONS: Be sure to carefully review improvements that may need engineering design or development of specifications prior to construction. For example, the interconnect conduit installation, new service locations, or cabinet foundations. Include this cost in your estimate. Costs associated with Caltrans fees, SCE fees, and/or special inspection requirements should also be included. Even though Caltrans is not a participant, costs associated with Tasks 2, 4, 5, and 6 shall also be included for Caltrans intersections.

Project Tasks	Cost / Int	Total Cost	Match	
			Cash	In-Kind
Task 1: Project Administration (a)	\$ 2,340.91	\$ 51,500.00	\$ 7,154	\$ 3,146
Task 2: Data Collection	\$ 850.00	\$ 18,700.00	\$ 3,740	\$ -
Task 3: Field Review and Plans Specifications, and Estimates	\$ -	\$ 137,300.00	\$ 27,460	\$ -
Task 4: Corridor "Before" Study	\$ 500.00	\$ 11,000.00	\$ 2,200	\$ -
Task 5: Signal Timing Optimization and Implementation	\$ 4,650.00	\$ 102,300.00	\$ 20,460	\$ -
Task 6: Corridor "After" Study	\$ 500.00	\$ 11,000.00	\$ 2,200	\$ -
Task 7: Synchronization System Construction (See Table II)	-	\$ 1,774,335.87	\$ 271,707	\$ 83,160
Task 8: Primary Implementation Project Report	\$ 500.00	\$ 11,000.00	\$ 2,200	\$ -
Task 9: Ongoing Operations & Maintenance (See Task 9 Details)	\$ 2,400.00	\$ 52,800.00	\$ 10,560	\$ -
Total Project Cost:		\$ 2,169,935.87	\$ 347,681	\$ 86,306

(a) Project Administration is \$2,000 per local agency intersection and \$4,500 per Caltrans intersection.

Ongoing Operations & MaintenanceOngoing Operations and Maintenance will last two years and include the following elements. (See **Task 9 Details**):**Task 9 Details:**

Task	Description of Work	Unit Price / Intersection	# of signals	Cost
Project Administration	Day to day administrative duties during O&M			included
Monitoring and improving optimized signal timing	Drive monthly and improve timing parameters along 22 signals for 24 months after signal timing and implemented along Valley View / Bolsa Chica from Chapman to Warner	\$1,680.00	22	\$36,960
Communications and detection support	Monitor, maintain, and repair communication and detection along for 22 signals for 24 months after signal timing is implemented along Valley View / Bolsa Chica from Chapman to Warner (@ \$30/signal/month)	\$720.00	22	\$15,840
OMM Memorandum	A memorandum to summarize the O&M phase, including details on when travel runs were conducted; issues and solutions throughout the phase; and recommendations for future improvements.			included
Proposed Ongoing Operations & Maintenance:				\$52,800

Total Project Cost (Including PI and O&M for a total of 3 years):

	Total
Total M2 Request:	\$1,735,948.70
Total Agency Match:	\$433,987.17
Total Project Cost:	\$2,169,935.87

RESOLUTION NO. 2022-65

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HUNTINGTON BEACH
AUTHORIZING A REQUEST FOR ESCALATION TO PROJECT P PRIOR ALLOCATION
FROM THE ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA) FOR THE
BOLSA CHICA STREET / VALLEY VIEW STREET CORRIDOR PROJECT – PROJECT P
REGIONAL TRAFFIC SIGNAL SYNCHRONIZATION PROGRAM – COMPREHENSIVE
TRANSPORTATION FUNDING PROGRAM

WHEREAS, the Orange County Transportation Authority (OCTA) conducted a Call for Projects under the Measure M2 Regional Traffic Signal Synchronization Program; and

WHEREAS, the City of Huntington Beach applied for and received an allocation from OCTA to fund the Bolsa Chica Street / Valley View Street Corridor Project; and

WHEREAS, the City of Huntington Beach originally established Fiscal Year 2020/2021 as the program year to commence the design phase for the Bolsa Chica Street / Valley View Street Corridor Project; and

WHEREAS, the City of Huntington Beach requested and subsequently received a delay in the project implementation to Fiscal Year 2022/2023 as the program year to commence the design phase for the Bolsa Chica Street / Valley View Street Corridor Project; and

WHEREAS, construction cost have experienced increases since the originally programmed project implementation date; and

WHEREAS, the OCTA Comprehensive Transportation Funding Program (CTFP) Guidelines requires agencies to request authorization from their governing boards if an escalation in grant funding is requested.

NOW, THEREFORE, BE IT RESOLVED that the City of Huntington Beach, does hereby resolve as follows:

1. That the Director of Public Works is hereby authorized to request an escalation adjustment to the original grant allocation for construction activities from OCTA for the Bolsa Chica Street / Valley View Street Corridor, Project P Traffic Signal Synchronization Program.
2. The City of Huntington Beach will continue to provide matching funds at the rate specified in the project's application to the Orange County Transportation Authority.

PASSED AND ADOPTED by the City Council of the City of Huntington Beach at a regular meeting thereof held on the _____ day of _____, 2022.

DRAFT

ATTEST:

Mayor

City Clerk

APPROVED AS TO FORM:

REVIEWED AND APPROVED:

City Attorney *NU*

City Manager

INITIATED AND APPROVED:

Director of Public Works