



MARK THOMAS

September 21, 2022

City of Beaumont
550 E. 6th Street
Beaumont, CA 92223
Attn: Jeff Hart, Public Works Director

RE: Trade Corridor Enhancement Program Grant Application Amendment Request

Dear Mr. Hart;

Thank you for the opportunity to work with the City of Beaumont (City) to prepare the 2022 Trade Corridor Enhancement Program (TCEP) grant application for the SR-60/Potrero Boulevard Interchange.

Mark Thomas has developed the scope and fee to prepare one TCEP grant application, California Benefit/Cost (Cal-B/C) model, TCEP performance measures, and associated maps and exhibits.

TASK 1 – TCEP GRANT APPLICATION

Task 1.1 – TCEP Grant Narrative Development

Mark Thomas will lead the development of the TCEP grant application narrative. The application will follow the requirements in the 2022 Trade Corridor Enhancement Program Guidelines Attachment 1. Project Nominations and Attachment 5 SB 1 Competitive Programs Transportation Equity Supplement. Mark Thomas will develop narratives for the sections of the TCEP application listed below.

- A. Cover Letter: Letter from the nominating agency and signed by an authorized officer of the agency.
- B. Fact Sheet: Up to two (2) pages fact sheet describing the project scope, cost, schedule, and benefits (outputs/outcomes), which also includes a brief narrative of how the project would impact Greenhouse Gas Emissions, how the project considers transportation equity, and how the project mitigated or avoided negative community impacts to result in better outcomes.
- C. General Information: Overview of the project including project map, project scope, outputs and outcomes, consistency with the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), and status of agreement between nominating agency and implementing agency.



- D. Screening Criteria: Project is consistent with Section 11. Eligible Projects of the program guidelines, which includes description of public benefits, compliance Streets and Highways Code section 2192 and Article XIX of the California Constitution, how the project complies with state and federal freight goals, and included in the RTP/SCS.
- E. Project Delivery: Description of how the project will be implemented/constructed, if there will be multiple construction contracts, schedule risks, and environmental clearance status.
- F. Evaluation Criteria: Using the Performance Measures, describe how the project improves freight factors, transportation system factors, community impact factors, and other criteria including leverage funding.
- G. Other Project Information: Description of the project's accessibility to jobs and destinations, climate change and resiliency, and environmental protections.
- H. Funding and Deliverability: The project's funding plan and commitments.
- I. Other: Description of the project's public and private benefits, interagency coordination, confirmation of no bulk coal shipping, and confirmation of reversible lane review.

In addition to these sections in the narrative body of the application, Mark Thomas will prepare and circulate the Attachment 4. State Highway System Project Impact Assessment Instructions and Form (CTC-0002). Mark Thomas will also prepare a list of stakeholders for letters of support and prepare a draft support letter. We will coordinate with the identified stakeholders to secure signed letters of support.

Task 1.2 – TCEP Cal B/C Model and Performance Measures

Mark Thomas, with input from Western Riverside Council of Governments (WRCOG) transportation modeling effort, will prepare the Cal-B/C Corridor Model and Attachment 2. Performance Metrics Form.

Mark Thomas will prepare a Cal-B/C model using the Corridor v8.1 model. We will input project cost, schedule, ADT, truck ADT, VMT, VHT, speed, and crash data into the model. The Cal-B/C model will then calculate project benefits which will include travel time savings, vehicle operating cost savings, emissions benefits, and safety benefits. We will also include residual project costs for structures into the Cal-B/C model.

We will prepare a memorandum documenting the inputs and results from the economic model. This information, as well as the results of the Cal-B/C model, will be used to prepare the Performance Metrics Form.



PROJECT SCHEDULE

TCEP applications are due electronically to the CTC by November 18. Mark Thomas as developed the schedule below to meet this aggressive deadline.

- September 30 – Mark Thomas prepare SCAG TCEP fact sheet for submission.
- October 5 – City issued Notice to Proceed.
- October 21 – Mark Thomas provides draft application package to the City for review.
- November 4 – City provides comments on the draft application package to Mark Thomas.
- November 16 – Mark Thomas addresses the City’s comments, finalizes the grant application, and submits to the CTC on the City’s behalf.

Mark Thomas recommends the City include RCTC in the application review. We’ve found their input very helpful based upon previous funding cycles.

ESTIMATED FEE

The total fee for Mark Thomas to prepare the TCEP application package is \$45,000. The table below provides the breakdown between subtasks.

	Proposed Fee
Task 1 - TCEP Grant Application	
Task 1.1 - TCEP Grant Narrative Development	\$28,000
Task 1.2 - TCEP Cal B/C Model and Performance Measures	\$17,000
Total	\$45,000

Thank you again for this opportunity. If you have any questions regarding our scope and fee, please don't hesitate to contact Ryan Bissegger at (916) 539-4680 or email him at rbissegger@markthomas.com.

Sincerely,

MARK THOMAS & COMPANY, INC.



Darin Johnson, PE
Division Manager + Associate Principal



Ryan Bissegger
New Business Director + Associate

