EXHIBIT 12-F COST-EFFECTIVENESS/PUBLIC INTEREST FINDING

U.S. DEPARTMENT OF TRANSPORTATION			FEDERAL HIGHWAY ADMINISTRATION		CALIFORNIA DEPARTMENT OF TRANSPORTATION	
COST-EFFECTIVENESS/PUBLIC INTEREST FINDING						
COST-EFFECTIVENESS DETERMINATION REQUIRED PUBLIC INTEREST DETERMININATION REQUIRED						
 Use of force account (23 CFR 635.204, 205)* Use of publicly owned equipment (23 CFR 635.106) Other*:		 Use of non-competitive negotiated consultant contracts (23 CFR 172.7) (a) (3)* Use of publicly furnished materials (23 CFR 635.407) Use of proprietary products and processes (23 CFR 635.411)*** Use of contracting method other than competitive bidding (23 CFR 635.104/204)* Use of mandatory borrow/disposal sites (23 CFR 635.407) Advertising period less than 3 weeks (23 CFR 635.112)* Waiver of Buy America Requirements (23 CFR 635.410)** Other*:				
FEDERAL-AID PROJECT	CLASS OF FEDERAL FUNDS:	IM NH STP Ø OTHER:				
ATPL-5942(256) STEWARDSHIP: Delegated High profile						
EA	DIST-CO-RTE- PM	ESTIMATED COST		FEDE	ERAL FUNDS	
0615000234L-N	06-FRE-0-CR	\$31,855		9	\$31,855	
			CENED AL DESCR	IDTION OF WO	NPV.	
GENERAL LOCATION			GENERAL DESCRIPTION OF WORK: Community of Riverdale; adjacent to and/or near Riverdale Elementary,			
Riverdale, Fresno County, CA			Fipps Primary and Riverdale High School; Install digital radar display on Mt. Whitney, install pedestrian path on Feland Ave., Hazel St., and Stathem Ave, and construct pedestrian bridge at the Burrell Ditch.			
REASONS THAT REQUESTED APPROVAL IS CONSIDERED TO BE COST-EFFECTIVE OR IN THE PUBLIC'S BEST INTEREST (STATE):					EST (STATE):	
The County's Purchasing Department issued a formal Request for Proposals (RFP) for the pre-fabricated bridge foundation on January 5, 2017. When no proposals were received, the County was able to successfully negotiate a contract for \$31,855.00 for the bridge with a construction contractor, ConTec Engineering Solutions. Prefabricated bridge foundations are used in lieu of traditionally constructed bridges when installing pedestrian facilities due to ease of installation, lower cost, and increased safety.						
REMARKS (STATE) :						
PREPARED/APPROVED BY LOCAL AGENCY'S REPRESENTATIVE			REPRESENTATIVE NAM TITLE: Steven E. White, Directo		Date: 07/11/2017	
*APPROVED BY DISTRICT LOCAL ASSISTANCE ENGINEER (DLAE			DLAE NAME:		Date:	
**APPROVED BY FHWA (Buy America Waiver only)			FHWA REPRESENTATIV	E NAME:	Date:	

Distribution: (1) Local Agency File - Original; (2) DLAE - Copy; (3) Caltrans Project Manager - Copy if on the SHS

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CERTIFICATION

(Applicable to Proprietary Products and Processes if no suitable alternative exists or if proprietary item is essential for synchronization with existing highway facility. This Certification and accompanying Proprietary Item PIF must be emailed to Proprietary.PIF@dot.ca.gov)

Trade Name of Proprietary Product or Process: Prefabricated Bridge Foundation

Describe the Specific Product: Prefabricated concrete pedestrian bridge foundation with steel frame

"I Steven White, Director of the Department of Public Works and Planning, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), that that no equally suitable alternative exists for this patented or proprietary item.

SUPPORTING INFORMATION

The extent of this Certification is:

X Project-Specific For Multiple Projects Region/Districtwide Statewide Programmatic

If beyond Project-Specific, what is the Sunset Date for this Certification?

What are the unique properties, synchronization aspects and/or operational features that this product provides such that no equally suitable alternative exists?

During the project planning phase, it was determined that the most cost-effective means of conveying pedestrians across the existing canal would involve the use of a prefabricated steel bridge. It takes several months for such a bridge to be procured, designed, and constructed, and it would be impracticable to perform all of this work while the construction contract was ongoing. As a consequence, it was determined that the County would make arrangements for the design of the bridge and establish a firm price its purchase. Engineering fees associated with the bridge design would be paid and the bridge would be designed prior to the advertisement of the contract to construct the project. The bridge would be procured and installed by the construction contractor for the project.

What Level of Evaluation and Testing of Potential Products has been done?

ConTec Engineered Solutions, LLC has written Special Specifications for Prefabricated Bridges, designed in accordance with recognized engineering practices and principles and approved by American Institute of Steel Construction (AISC Manual of Steel Construction), Structural Stability Research Council (SSRC), Building Code Requirements for Structural Concrete" (ACI 318), American National Standards Institute / American Welding Society (ANSI/AWS), and the Canadian Institute of Steel Construction (CISC).

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INSTRUCTIONS

- 1. Check appropriate box under "Cost-Effective Determination Required" or "Public Interest Determination Required."
- 2. Check "Class of Funds" as follows: IM-Interstate Maintenance, NH-National Highway, STP—State Transportation Program, Other (all other classes).
- 3. Provide the Federal-aid Project EA number in first column.
- 4. Identify Caltrans District-County-State Route-Post Mile, or City and street in second column.
- 5. List Estimated Cost of the portion of the project subject to this PIF.
- 6. List the amount of the Federal Funds in the portion of the project subject to this PIF.
- 7. Describe "General Location" applicable to this PIF.
- 8. Provide "General Description of Work" affected by this PIF.
- 9. Explain and give "Reasons that requested approval is considered to be cost-effective, or in the public's best interest." Provide cost analysis or comparison as evidence of cost-effectiveness.
- 10. "Remarks" is for the Local Agency Representative preparing the Finding.
- 11. Signature, Name, and Title of Local Agency Representative preparing or approving PIF, as appropriate, and Date.
- 12. Signature and Name of District Local Assistance Engineer approving the PIF, as required, and Date.
- 13. Signature and Name of FHWA representative approving the PIF for Buy America waivers, and Date.
- 14. If the PIF is for a proprietary item with no suitable alternatives or is essential for synchronization with an existing highway facility, complete the certification and email the PIF and certification to <u>Proprietary.PIF@dot.ca.gov.</u>