

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION DIVISION OF LOCAL ASSISTANCE Office of Guidance and Oversight

Construction Oversight Program PERFORMANCE MEASURES #18-02

> FINAL REPORT December 2018





It should be acknowledged that this report was prepared by the Construction Oversight Program team under the Office of Guidance & Oversight, with the support of Caltrans Division of Local Assistance and its staff. The team consists of as follows:

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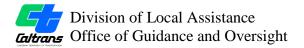


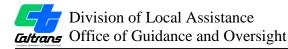
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I. Executive Summary

This performance measures report (PMR) by the California Department of Transportation (Caltrans) – Division of Local Assistance (DLA)'s Construction Oversight Program covers the period of July 1, 2017 through June 30, 2018.

It chronicles the Construction Oversight Engineer (COE) reviews and discusses the review findings and trends as compared to the previous reports, 'Executive Summary, Construction Oversight of Local Agency Federal-Aid Projects' dated October 2015, and details other tasks that COEs perform as part of their roles in the Local Assistance Program.

To assure compliance with federal and state requirements, the DLA recently conducted a performance measures review of construction projects being administered by local agencies. There are 10 specific areas included in this review which were used as a baseline in this report. The evaluations in this report are conducted on the data which were reported by COEs using 'Checklist' forms for three types of construction reviews, namely, 'Pre-Construction', 'Mid-Construction', and 'Post-Construction'. The review was performed depending on the status of the construction project at the time of review. In total, 255 review reports were evaluated in this report.

Chart 1 below reveals that the overall compliance found for the 10 comparable areas measured in 2018 is 74%. There was a drop of four percent compared to the previous report, continuous efforts should be made to reach the ultimate program goal of a 95% compliance rate by implementing the recommendations suggested in this report and developing a comprehensive strategic plan for the Construction Oversight Program.

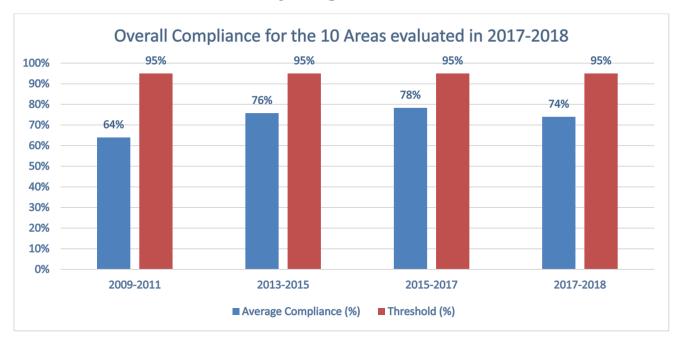
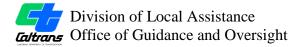


Chart 1: Overall Average Compliance of Performance Measures



II. Process Review

A. Background

Beginning with the 2009 American Recovery and Reinvestment Act (ARRA) timeframe, the Caltrans Local Assistance Construction Oversight Program is now in its 9th year of implementation.

The program now employs seven Construction Oversight Engineers (COEs) that cover the entire State. The assigned areas for the COEs are shown in Attachment A. One of the primary roles of these COEs is to conduct reviews of construction projects being administered by local agencies to assure conformance with federal and State requirements, and to educate local agency staff and management on how to properly administer and manage these projects going forward.

Caltrans DLA conducted a process review to establish a baseline of compliance and areas for improvement, as reported in 'Executive Summary, Construction Oversight of Local Agency Federal-Aid Projects' dated October 2015. The documentation (i.e., Checklists) related to the construction activities was collected and analyzed for the local agencies' compliance during the construction phases of their federal-aid projects. The data represented here in this report are collected from all the federal-aid projects throughout the state for the time frame between July 2017 and June 2018. The analyzed results were compared with the results from the previous reviews and discussed later in this report.

B. Process Review Goals and Methodology

The primary goal of this performance measures report (PMR) was to measure the effectiveness of the Construction Oversight Program by providing guidance, oversight, training, and outreach to the local agencies. The outcome of these efforts is expected to reduce deficiencies in complying with federal and state regulations during the construction phase of the federal-aid projects. The goal of the Construction Oversight Program for 2018 is to reach 85% compliance for the 10 areas of concern analyzed in this PMR with an ultimate goal of 95% compliance. The specific questions for each area can be found in Attachment B.

The analysis was based on data extracted from applicable questions found in any type of review reports, 'Pre-Construction', 'Mid-Construction', or 'Post-Construction', within this PMR period. The latest versions of each Checklist are presented as attachments C, D, and E.

The number of checklists reviewed over the July 1, 2017 to June 30, 2018 period is listed in Table 1 by each type of construction review and district.

	Туре	of Construction Re	eview		No. of Projects
District	Pre- Construction	Mid- Construction	Post- Construction	Total	Evaluated by District
01	0	3	2	5	5
02	0	5	4	9	9
03	3	13	17	33	33
04	26	34	11	70	70
05	4	6	5	16	16
06	1	6	0	7	7
07	16	10	11	37	37
08	17	24	17	58	58
09	0	2	4	6	6
10	2	4	0	6	6
11	2	1	0	3	3
12	2	0	3	5	5
Total	73	108	74	255	255
No. of Projects	73	108	74	255	

 Table 1: Number of Checklists/Projects Reviewed between July 2017 and June 2018

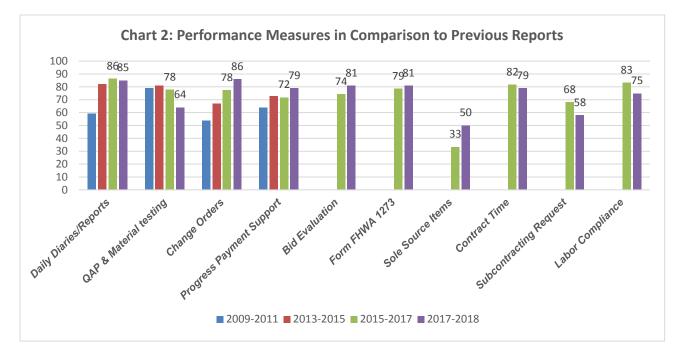
Note: Unintentionally, some review reports were performed within the study period but did not make it into the database such as districts 11 & 12 had 11 reviews (8 Mid-Construction and three Post Construction) that were not included in this PMR analysis.

C. Process Review Analysis

The reviews consist of going over a 'Review Checklist' in detail and verifying that the project's construction files contain the proper documentation. The specific areas of interest for this review were selectively chosen from the Review Checklists to align with Federal Highway Administration (FHWA)'s Construction Program Analysis and Risk Assessment of the Construction Program Report. The areas selected and evaluated were:

- 1. Daily Reports
- 2. Quality Assurance/Materials Testing
- 3. Contract Change Orders (CCOs)
- 4. Progress Payment Support
- 5. Bid Evaluation
- 6. Form FHWA 1273
- 7. Sole Source Items
- 8. Contract Time
- 9. Subcontracting Request
- 10. Labor Compliance

The first four review areas (1-4) were identified by the Office of Inspector General (OIG) as deficient areas in their July 2011 report. These four areas were also evaluated in this 2017-2018 process review and compared to the previous reviews while the rest of the areas were evaluated in this review for the second time. Chart 2 depicts the analysis of these reviews in terms of compliance rate for each evaluated area in percentage.





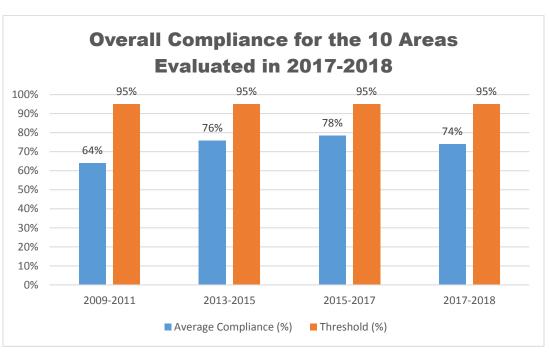


Chart 3: Overall Compliance Rate for All 10 Areas Evaluated in 2017-2018

The overall compliance rate for all 10 areas evaluated was found to be 74% as shown in Chart 3.

Table 2 shows the compliance rates of the reviewed areas for 2017-2018. Shown to the right of each item is the average compliance percentage by each reviewed area, and to the bottom of the table is the average compliance rate by each type of construction review. These compliance rates were calculated by dividing the number of checklists in compliance for a specific area reviewed by the total number of the checklists reviewed for the specific area. The previous report measured all the 10 areas.

		Compliance Rate/Type of Compli	onstruction R	eview	Average
Area No	Area Evaluated	Pre-Construction	Mid- Construction	Post- Construction	Compliance Rate by Area (%)
1	Daily Reports	N/A	84.02%	84.94%	84.48
2	Quality Assurance/Materials Testing	N/A	57.67%	70.66%	64.16
3	Change Orders (CCOs)	N/A	86.25%	85.88%	86.06
4	Progress Payment Support	N/A	72.40%	85.88%	79.14
5	Bid Evaluation	80.65%	N/A	N/A	80.65
6	Form FHWA 1273	76.71%	85.19%	81.69%	81.20
7	Sole Source Items	50.00%	N/A	N/A	50.00
8	Contract Time	N/A	75.93%	82.05%	78.99
9	Subcontracting Request	N/A	53.85%	62.12%	57.98
10	Labor Compliance	73.97%	75.46%	74.30%	74.58
Ave	erage Compliance Rate by Type of Construction Review (%)	70.33	73.84	78.44	

Table 2: Average Compliance Rates by Type/Area for 2017-2018

It is worthwhile to note that not all of the areas were measured for each type of construction review due to their relative nature of the work during the construction period reivewed. For example, Areas 5-7 are only categorical interests that are suitable and included for the 'Pre-Construction' review period. Likewise, Areas 5 and 7 are excluded from the analysis for the 'Mid-' and 'Post-Construction' review periods. The only review area that covers all the construction periods is Area 6, 'Form FHWA 1273'.

Based on the analysis for 2017-2018 review period, examined were not only the compliance rates for the review areas, but also the compliance rates for the types of construction reviews. Chart 4 below indicates the average compliance of each type of construction review and reveals that the compliance rate hits the highest (78.4%) for the 'Post-Construction' review, which is better than that of the 'Mid-Construction' (73.8%). This observation was evaluated. Considering the identical questions asked for both 'Mid- 'and 'Post-Construction' reviews, it was expected that the compliance rates would improve which is a 4% improvement in this PMR. However, both reviews were not necessarily conducted on the same projects in that some projects were reviewed for 'Mid-Construction' only and some for 'Post-Construction only. The projects that were reviewed for both types of construction reviews were estimated to be less than 30%. This fact indicates that the difference shouldn't be

recognized as an uptrend between these reviews but understood as a statistical variance. The standard deviations of these reviews also affirm this argument because of the difference between two compliance rates (4%).

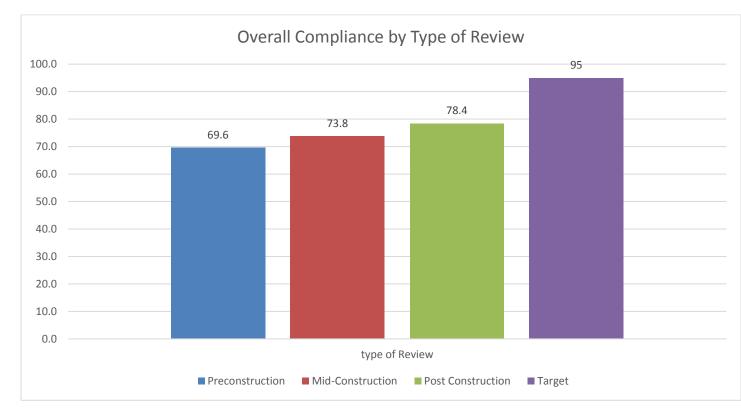


Chart 4: Compliance Rates for Types of Construction Reviews in 2017-2018

A comprehensive plan for 2018-2019 will be addressed in the recommendation section of this report to accomplish a minimum 85% compliance for each individual 10 areas, which will also be expanded to address deficiencies in other areas of importance and consider the overall compliance per Construction Review Period and per District. This information will help refine the training and outreach to focus on critical areas needing improvements.

D. Observations

A brief discussion on the notes and observations pertaining to the issues causing the local agency to be out of compliance with quantitative findings in Chart 2, and Table 2 are highlighted below.

Area 1 Daily Reports

- A noticeable improvement in this category is observed.
- The overall compliance is about 85% which equal or exceeds our current target of 85%.
- As shown on table 3 that Q E25, "Breakdown of hours worked by contract item and CCO work," has the lowest compliance rate which requires attention.
- The positive trend observed for this review area was believed to benefit from the COE's continuous efforts in issuing guidance and educating local agencies of the importance of daily reports.
- Considering its importance, it is recommended to continue to discuss daily reports prominently in the future reviews and provide even greater emphasis at the training courses such as the RE Academy and Federal-Aid Series.

Question	Daily Diaries Questions Detail		lid-C	onstruction	Post	Cons	struction	Difference
Question			Yes	Compliance	No	Yes	Compliance	Difference
Q E1	Are daily reports up-to-date?	14	94	87.04%	8	65	89.04%	2.00%
Q E21	Full names of labor force	12	96	88.89%	11	62	84.93%	-3.96%
Q E22	Identify employer (prime contractor vs. subcontractor)	14	94	87.04%	7	66	90.41%	3.37%
Q E23	Labor classifications	13	95	87.96%	8	65	89.04%	1.08%
Q E24	Equipment types and model numbers	17	91	84.26%	15	58	79.45%	-4.81%
Q E25	Breakdown of hours worked by contract item and CCO work	38	70	64.81%	19	54	73.97%	9.16%
Q E3	Do daily reports adequately capture daily occurrences, locations of work, overall operations	7	101	93.52%	6	67	91.78%	-1.74%
Q E5	Are Resident Engineer (RE) diaries up-to-date (either daily or weekly)?	27	81	78.64%	18	55	80.88%	2.24%
	Average Compliance			84.02%			84.94%	0.92%

Table 3: Daily Reports Detailed Analysis for 2017-2018

Area 2 Quality Assurance/Materials Testing

- This PMR included more questions that the previous one as shown on Table 4.
- The overall compliance rate of this area went down by 14% in comparison of the previous report as shown on Chart 2.
- This area needs attention due to its importance in verifying the quality of the material incorporated into the work will serve the designed service life of the product. Also, this area was targeted and addressed in multiple external audits in the past.
- It is observed that most of local agencies are not equipped with their own in-house materials testers and laboratory, and thus utilize consultant materials testing firms. The problem is that the local agencies tend to delegate all aspects of the materials testing to the consultants without a full understanding of the QC/QA concepts.

Move to next page for title of table. Table 4: QAP & Material Testing Detailed Analysis for 2017-2018

Question	QAP/Material Testing Questions Detail			onstruction	Post	Difference		
Question	QAP/ Material resulty questions betain	No	Yes	Compliance	No	Yes	Compliance	Difference
Q F9	Is there a log of acceptance testing results in the project files?	46	51	52.58%	29	36	55.38%	2.81%
Q F11	Are copies of up-to-date acceptance testers certifications in the project files?	46	54	54.00%	23	44	65.67%	11.67%
Q F12	If using CT methods, have the acceptance testers been certified by Caltrans?	49	39	44.32%	13	48	78.69%	34.37%
QF131	If using other test methods (ASTM, etc), have the acceptance testers been certified?	28	29	50.88%	22	19	46.34%	-4.54%
Q F14	Is the materials laboratory's current certification/accreditation in the project files?	44	57	56.44%	17	48	73.85%	17.41%
Q F17	If there are failing tests, are there corresponding passing tests or resolution explanation?	23	39	62.90%	10	29	74.36%	11.46%
Q F18	Do the project records contain copies of mix designs and their formal approvals?	11	90	89.11%	5	64	92.75%	3.64%
Q F231	certificates of compliance contain Project ID or number?	49	53	51.96%	26	46	63.89%	11.93%
Q F232	certificates of compliance contain Specific lot number?	47	53	53.00%	28	44	61.11%	8.11%
Q F 233	certificates of compliance contain Citation of spec No.'s in compliance with?	46	55	54.46%	21	51	70.83%	16.38%
Q F 234	certificates of compliance contain Signature by manufacturer?	40	62	60.78%	18	54	75.00%	14.22%
Q F24	Buy America statements/certifications for Iron and Steel incorporated into the work	33	53	61.63%	4	36	90.00%	28.37%
	Average Compliance			57.67%			70.66%	12.99%

Note: The highlighted questions are new which were not included in the previous PMR

Contract Change Orders (CCOs) Area 3

- A Contract Change Order (CCO) is a document that alters the terms of the • construction contract. As such, many of these CCOs result in additional payment to the contractor. The timely preparation and final approval of CCOs by the project owner (local agency) is critical to minimize actual project delays.
- Based on this review, this is an area with the greatest amount of improvement • observed. The 2017 review found 78% compliance with this review noting an 8% increase in compliance.
- This area has the best overall compliance of 86% in this report. ٠
- Every element of this area scored above 85% except question G6, a contract time adjustment supporting documents, which scored 76% as shown on table 5.
- A great improvement in the weakest part of this area in the previous report which is payment methods and its supporting records assisting in the establishment of agreed prices for CCOs. It has an 87% compliance rate in this report.
- It should be noted that the COEs are receiving more requests to review CCOs, and thus are becoming more involved in the issues related to CCOs.

Ouestien	Channe Ordens Ownstian Patril	M	1id-C	onstruction	Post	Cons	struction	Difference
2 G2 2 G3 2 G4 2 G6	Change Orders Question Detail	No	Yes	Compliance	No	Yes	Compliance	Difference
Q G1	Change orders log	15	86	85.15%	8	51	86.44%	1.29%
Q G2	Justification memo	10	91	90.10%	15	44	74.58%	- 15.52%
Q G3	AUP/ALS Supporting document	13	88	87.13%	11	48	81.36%	- 5.77%
Q G4	at force account reflected on daily diaries	11	90	87.91%	5	54	91.53%	3.61%
Q G6	a contract time adjustment supporting documents	18	83	76.32%	9	50	84.75%	8.43%
Q G7	revised or new engineering drawings or specifications Stamped	5	50	90.91%	2	57	96.61%	5.70%
	Average Compliance			86.25%			85.88%	-0.38%

Table 5: Change Order Detailed Analysis for 2017-2018

Note: Q G5 was replaced by Q G6 from the previous PMR.

Area 4 **Progress Payment Support**

CFR 635.123, Determination and Documentation of Pay Quantities, requires that each • state Department of Transportation have procedures in place which provide adequate assurance that the quantities of completed work are determined accurately and on a uniform basis throughout the state for all federal-aid projects, including those administered by local agencies.



- The overall compliance of this area is 79%.
- Compared to the previous review, a 5% improvement in compliance has been • observed for this review area.
- See questions H5 and H7 which scored the lowest compliance in this report.
- This review area will always be an area of interest/focus for external auditors so COEs continue to guide and educate agencies to comply.

Q H3 Q H4 Q H5 Q H6		Μ	lid-Construction		Post	Cons	struction	
	Progress Payment Questions Detail	No	Yes	Compliance	No	Yes	Compliance	Difference
Q H2	does the progress payment provide suitable backup/documentation to support quantities	21	75	78.13%	8	51	86.44%	8.32%
Q H3	Are there separate quantity calculation sheets for each item being paid on each PP	24	72	75.00%	15	44	74.58%	-0.42%
Q H4	Does each quantity calc sheet identify the specific portion of the work to which it applies?	25	71	73.96%	11	48	81.36%	7.40%
Q H5	Does each quantity calc sheet include the measurements and calculations by which the quanti	30	66	68.75%	5	54	91.53%	22.78%
Q H6	Are quantity calc sheets signed and dated?	22	74	77.08%	9	50	84.75%	7.66%
Q H7	Are quantity calc sheets being checked by a separate individual?	37	59	61.46%	2	57	96.61%	35.15%
	Average Compliance			72.40%			85.88%	13.48%

Table	6. Progress	Dayment	Detailed	Analycia	for	2017-2018
Table	0. Progress	rayment	Detalleu	Analysis	5 101	2017-2010

Area 5 **Bid Evaluation**

- The administering local agency should conduct a bid evaluation for each project. A • proper bid evaluation better ensures that funds are being used in the most effective manner.
- This area has been flagged by FHWA as a frequent deficiency. Agencies are required • to analyze bids before award to determine if the lowest bidder is responsible and responsive.
- This review area is performed during a pre-construction period to check if the local . agency conducts, documents, and files a bid analysis prior to project award. The compliance rate has improved from 74% to 81% which is up by 5%.

0	Did Fusikation Questions Patril			onstruction
Question	Bid Evaluation Questions Detail	No	Yes	Compliance
Q 05	bid Analysis	12	50	80.65%
	Average Compliance			80.65%
Note:	11 projects had a not appicable (NA) answer so they were not included in the analysis			

Table 7: Bid Evaluation Detailed Analysis for 2017-2018

Form FHWA 1273 Area 6

- Based on DLA COIN #15-04, issued on November 10, 2015, several recent and • ongoing FHWA Compliance Assessment Program (CAP) audits/reviews emphasized inclusion of Form FHWA 1273, which is required by 23 CFR 633.102. In addition, Chapter 12 of the LAPM notes that failure to include the form in the construction contract and subcontracts as an "unrecoverable project deficiency and shall make the construction phase of the project ineligible for federal reimbursement."
- Among all the reviewed areas in this report, this is one of two areas that covers all • three types of construction reviews.

A primary intent of this evaluation is to see if the contract provisions form (Form • FHWA 1273) is physically included in the signed/executed construction contract and subcontracts. And about 81% of the compliance rate was observed for the area with an improvement of 2% from the previous report.

Type of Review	Ouestion	FHWA Form 1272 Questions Detail				Difference
Type of Review	Question	FRWA FORM 1272 Questions Detail	No	Yes	Compliance	Difference
Preconstruction	Q 03	Is FHWA form 1273 physically included in the signed contract?	17	56	76.71%	
Mid-Construction	Q I2	Is FHWA form 1273 physically included in the signed contract?	16	92	85.19%	8.47%
Post Construction	Q I2	Is FHWA form 1273 physically included in the signed contract?	13	58	81.69%	-3.50%
		Average Compliance			81.20%	

Area 7 **Sole Source Items**

- This review area applies only to pre-construction reviews. And this area is found to • have 50% compliance rate with a 17% improvement from the previous report but it still the lowest compliance rate among all the review areas.
- A main cause of this deficiency was found that the local agencies did not include a • public interest finding (PIF) in the project records covering each sole source item.
- Due to the lowest performance rate, the significant improvement should be sought to . meet the current set goal (85%) and eventually the goal (95%). Intensive training and direct assistance on the issue may help the local agencies understand the importance of the area and improve the conforming rate.
- This area should be addressed by different DLA unit since it occurs during PS&E and • the COE role starts during the advertisement and the award of the project.

Question	Sala Sauraa Quastiana Datail			Preconstruction				
Question	Sole Source Questions Detail	No	Yes	Compliance				
	If yes, has the local agency oncluded a PIF (Exhibit12-F in the project records							
Q 20	covering each proprietary item or process)?	10	4	28.57%				
	Has the approved PIF and Certification, if applicable, been emailed to							
	Proprietary.PIF@dot.ca.gov? (Certification is required if product is essential for							
Q21	synchronization, on suitable alternative exists, or the product	4	10	71.43%				
	Overall Compliance			50.00%				
Note:	Only 14 projects had appicable answer so they were included in the analysis							

Table 9: Sole Source Detailed Analysis for 2017-2018

Contract Time Area 8

- It has been indicated that some local agencies struggle with proper administration of • contract time. Consequently, poor contract time administration can result in contractor claims against the local agency, extra CE costs, public inconvenience, and failure in delivering project in a timely manner
- A major reason for this review area was to investigate if a construction project is • finished on time as planned in a prime contract.



- The overall compliance rate for this area is 79% which down by 3% from the previous • report.
- 51% of the reviewed projects overrun the original duration of contract time. Agencies need to provide concrete documentation any time they grant contract extension.
- Question D8 shown on table 10 was not included in the calculation of the overall • compliance rate of this area since the overrun is not a deficiency if the time extension was legitimate and well documented.

Table 10: Contract Time Detailed Analysis for 2017-2018

Type of Review	Question	estion Contract Time Questions Detail				Average
Type of Review	Question	contract time questions betain	No	Yes	Compliance	Compliance
Mid-Construction	Q D5	Does the agency utilize the weekly statement of working days or other acceptable	8	100	92.59%	75.93%
	Q D9	Is the controlling operation of work clearly noted on the WSWD?	44	64	59.26%	73.9370
	Q D3	Does the agency utilize the weekly statement of working days or other acceptable	4	70	94.59%	
Q D4		s the controlling operation of work clearly noted on the WSWD?		55	74.32%	
Post Construction	Q D5	Is the final WSWD (or other contract time document) on file	17	57	77.03%	82.05%
	Q D8	Did the contract overrun the original number of days?	36	38	51.35%	
	Q D10	Is there adequate written documentation on file to support the additional time gran	11	51	82.26%	
		Difference in Compliance				6.13%
	Note:	Q D8 for information only not included in the compliance analysis				
		Q D10 had only 62 applicable projects included in the compliance analysis				

Area 9 Subcontracting Request

- Chapter 16 of the LAPM states that the contractor must request permission in writing . and receive written consent from the local agency before subletting any portion of a contract to a first-tier subcontractor.
- This area was found to have at the second lowest compliance rate of all areas • reviewed. The Contractor is to submit Exhibit 16-B, Subcontracting Request Form for approval by the RE prior to starting any subcontracted work. Neglecting the importance of the approval process of the request form is regarded as a key reason for the non-compliance.
- Certainly, this review area should be one of the focused areas for the improvement in • the future. In-depth review and training emphasizing the importance of this formapproval process will increase compliance, and improve agency monitoring of DBE programs and the Fair Practices Act.



- Compliance with this area will help Area 6 (Form FHWA 1273) to comply in the • subcontracts since subcontracting form has a disclaimer.
- The overall compliance rate of this area in this report went down 10% from 68% to • 58%.

Question	Subcontracting Request Question Detail		id-C	onstruction	Pos	st Co	Difference	
Question			Yes	Compliance	No	Yes	Compliance	Difference
Q J05	Has the prime contractor submitted and the resident engineer approved the subcontracting request form (Ex 16-B of the LAPM) prior to any subcontractor work being performed	48	56	53.85%	25	41	62.12%	8.28%
	Overall Compliance in Submitting Subcontracting Request						57.98%	
Note:	7 projects had a not appicable (NA) answer so they were not included in the analysis							

Table 10: Subcontracting Request Detailed Analysis for 2017-2018

Area 10 Labor Compliance

- As described in Chapter 16 of the LAPM, the administering local agency is • responsible to ensure that all labor compliance requirements are performed and documented in the project file.
- Along with posting the required federal jobsite posters, a proper check of payrolls • regarding hours, wage rates, overtime pay, deductions, or other actions should be more carefully and frequently performed to improve the compliance rate for the area.
- The overall compliance rate of this area in this report went down 8% from 83% to • 75%

Turne of Deview	Question	Labor compliance Questions Datail				Average	Difference
Type of Review	Question	Labor compliance Questions Detail	No	Yes	Compliance	Compliance	Difference
Preconstruction	Q 03	Form 1273	17	56	76.71%	73.97%	
Freconstruction	Q 04	Federal wage	21	52	71.23%	73.9770	
	Q I1	Federal wage	21	87	80.56%		
Mid-construction	Q I2	Form 1273	16	92	85.19%	75.46%	1.49%
mid-construction	Q 17	Fed posters	35	73	67.59%		1.49%
	Q 18	Employee interviews	34	74	68.52%		
	Q I1	Federal wage	19	52	73.24%		
Post construction	Q I2	Form 1273	13	58	81.69%	74.30%	-1.17%
Post construction	Q 17	Fed posters	18	53	74.65%		-1.1770
	Q 18	Employee interviews	23	48	67.61%		
		Overall Compliance				74.58%	
	Note:	The highlighted questions were included in the analysis					

Table 11: Labor Compliance Detailed Analysis for 2017-2018

General Observations

It should be noted that out of 10 review areas, only two areas met the current set goal of the 85% compliance rate. Moreover, the current overall average compliance rate (74%) which is down by 4% from the previous report and significantly deviated from the 95% of the ultimate program goal. Therefore, a comprehensive and strategic plan needs to be developed and implemented coupled with continued efforts by the COEs in both project reviews and training for the local agencies. The areas of special interest should be focused on the following topics, as identified in this process review:

- Quality Assurance/Materials Testing
- Bid Evaluation
- Sole Source Items
- Subcontracting Request
- Labor Compliance
- Progress Payment
- Contract Time
- FHWA Form 1273

These areas that require special attention are selected because of their importance and relatively low compliance rates, which all fell below 85%.

E. Findings Summary

It has been observed that there are moderate improvements from a comparison between the above observations and the 2017 review performed by Caltrans DLA, in which identical areas of interest were reviewed. The quantitative findings show positive results in five out 10 areas while the other five suffered decline in the compliance rate. The overall compliance decline was due to multiple factors such as:

- 1. Database entries were filtered more conservatively and accurately. For example, entries such as "YES/NO" (meaning partial compliance), and blank entries were counted as "No". Entries of "Not Yet" were filtered for appropriate context and many were changed to "No".
- 2. The COEs tend to focus their reviews on underperforming agencies, agencies new to (or who rarely administer) federal-aid projects, and agencies with high turnover of staff.
- 3. Data from D8 and D9 did not exist last year due to a staff vacancy. The inclusion of these agencies, who have had limited oversight for the past 2 years, has lowered our compliance scores
- 4. The analyses included new questions and eliminated others. Many small agencies don't get federal projects that often so COEs did not have chance to interact with them previously.

F. Recommendations

Several recommendations for moving forward to enhance the local agencies' competence level to conform to federal and state regulations are being developed by the Construction Oversight Program team. Developing a comprehensive plan to address the identified issues is also of importance and working with FHWA to resolve the issues pertaining to specific areas with deficiencies is necessary. In addition, customized training, oversight, and assistance for the local agencies' needs may be required to significantly increase compliance. The following recommendations are suggested by the review team in some specific areas as follows:

Addressing Inquiries/Providing Feedback

One of general concurrences among all the COE team members is to continue to try to resolve questions/issues of varying levels of complexity from local agencies and from Caltrans District staff, typically through telephone or email correspondence. In addition, providing feedback to local agencies for the findings of the process reviews including the results pertaining to specific projects is also suggested.

Providing Review and Concurrence

An increasing role in reviewing documents such as CCOs as requested by local agencies as well as Caltrans District staff may help local agencies improve compliance rates. The extent of the review is for proper justification, documentation, cost backup, and overall eligibility for federal participation. This review work often spawns follow-up documentation, discussion and direction from/to the local agencies and the districts.

Providing Training

Caltrans DLA has utilized the training courses such as the Resident Engineers (RE) academy and the Federal-Aid Series since 2013. For the same review period of this report, nine Federal-Aid Series and ten RE Academy trainings were conducted throughout the state. Along with these formalized training courses, conducting customized training sessions upon request of either individual agencies or Metropolitan Planning Organizations (MPOs) and Regional Transportation Planning Agencies (RTPAs) has been recommended. This has proven to be an excellent way of outreaching and networking with the local partners. The Construction Oversight Program Manager should develop an overall strategic training and outreach plan to provide continued support to the local agencies in this area.

Enhanced Participation/Involvement on 'Higher Significance' Projects

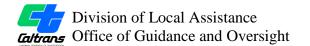
On an as-requested basis from FHWA, Caltrans District or HQ Local Assistance (DLA), Caltrans Audits and Investigations (A&I), local agencies, and/or the COEs should maintain a higher level of involvement or approval authority if and as appropriate for construction phase activities. This involvement may include an assessment of local agency qualifications, participation in periodic project meetings and reviews, and more formalized Change Order review and approval.

Assisting FHWA and Caltrans A&I on Reviews and Audits

As requested and as necessary, COEs have and should continue to make themselves available to accompany FHWA and/or Caltrans A&I at reviews and audits, and to provide construction-related input, consultation and follow up actions as appropriate.

Encouraging Local Agencies for More Active Involvement

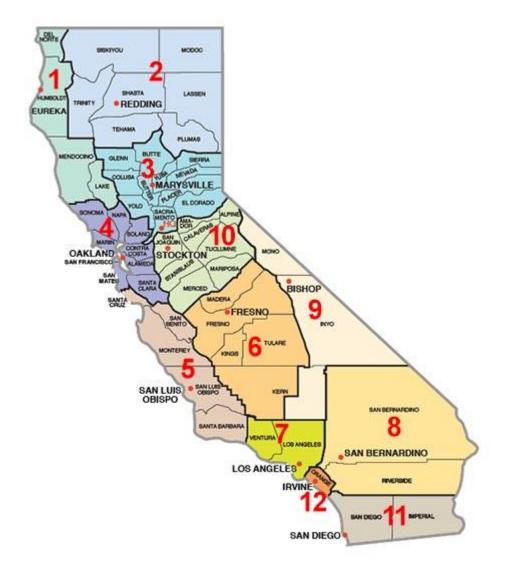
Considering significant influences of the administering local agencies' roles, it is important to encourage the agencies to participate more in and have their functional teams on-board during development of the project's PS&E package and performance of construction activities. This will help streamline the contract time process in a most effective manner.



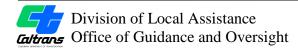
Attachment A

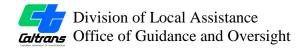
Construction Oversight Engineers District Assignments

Construction Oversight Engineers District Assignments



COE	Area
Osama Abu-Markhieh	D1, D2, D3
Moe Shakernia	North of D4
Siobhan Saunders	North of D5 & South of D4
Mike Giuliano	D6, D10, South of D5, D9
Mohammad Pasebani	D7
Chad Yang	D7, D8, D9
Anna Alonso	D11, D12





Attachment B

Pre-Construction Review Checklist

Page | 21



	D	ivision	of Local As	sistance			
			ction Revie		ist		
Review Type: Pr	-						
A. PROJECT INFO	ORMATION						
01. Federal Aid Pr	oject No.:			Da	te of Review		
02. District:							
03. Agency:							
04. Project Descri	ption:	-					l
05. Project Locatio	on:						
	County:						
	City:						
	Street(s):						
06. Project Type:							}
07. Funding Sourc	e(s):						
08. Caltrans Revie							
09. Caltrans Const	truction Oversigh	t Engineer:					
10. Caltrans DLAE							
11. FHWA Particip		ble):					
12. Local Agency	Participant(s):	1					
B. PROJECT ST	AFFING						
01. Local Agency	Employee in Res	ponsible Ch	arge of Project:				
02. Project Reside			Does RE Work F	or:	Local Agen	су	
Dane Schilling					Consultant		
03. Is RE a license	ed PE?		If yes, PE Licens	e No			
04. If not, who is the	ne licensed PE w	ho delegate	d this responsibility	y?			
05. If RE is a cons	ultant, name of c	onsultant fir	m:				
06. Prime Contrac	tor:						
C. CONTRACT IN	FORMATION						
FHWA Construction		(E-76) Date:					
Engineer's Estima							
Alternative Contrac		, , , , , , , , , , , , , , , , ,					Ì
	hod? (design-build,	cost-plus-time	(A+B), etc.)				
Advertising Date:			Bid Opening Date	:	Award Da	ate:	
Low Bid Amount:				ligh Bid Amou	nt:		
Contract Award Ar	nount:		Percent Aw	ard over/under	Engineer's E	stimate:	
No. of Bids:		No. of comp	etitive bids (No. of b	oids w/in 20% of	low bid):		
Contract Time:		Standard W	orking Days		or Calendar	Days	
Notice to Proceed			Estimated	Date of First W	/orking Day:		
Estimated Comple							
01. Has the agenc						-	i
02. Has the agenc	-		-				
03. Has the FHW		provisions for	m physically attac	hed to the prim	ne-contractor		
signed constru			tee alored 10 - 21				
04. Has the applic		mum wage ra	ates physically atta	ached to the pi	ime-contract	ior	
signed constru							
05. Did the agency			a bid analysis prio			more)	i
(Whiteh justificat		01010100000100	Periodolo pidder excet			1010)	1

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Ub. If the lowest res	ponsible bidder e	xceeds the engineer's estir	nate b	y 10% or more, is	written justification	on file?
07. Is Local Agenc	y Bidder DBE Co	mitments (Form 15-G) or	n file?	-	-	
08. Is DBE Evaluat	tion of GFE (Exhi	bit 9-E) on file? (Required v	w hen c	ontract DBE goal is	not met)	
		E include a TMP/TTC plar	•		contractor to develo	р
		ess than significant work zone				
		he prime contractor must	•		at least 30% of to	tal bid?
-		Agency DBE Annual Submit				
		mmitment Record (ECR)		files?		
•	V 1	s included in the contract		0		
		of liquidated damages pe		?		
		ve/disincentive provisions		0		
	<u> </u>	shed materials for this co				
each local agency		uded a public interest find al?	aing (P	Project	records covering	
18. Where local ag	ency furnished m	naterials are used, has the	e local	l agency provided	d documentation	
-	•	used for procurring those		• • •		
19. Does the contra	act contain any s	ole source items?				
20. If yes, has the	local agency incl	uded a PIF in the project	record	ds covering each	sole source	
21. Will the local a	gency be using c	consultant contract for cor	ntract	administration, n	naterials testing,	
		be utilized for the constru	uction	phase, identify t	he following inform	
Consultant	Service	Consultant Compan	y	Contract Type	Consultant Se	lection
Consultant	Service	Consultant Compan	y I	Contract Type	Consultant Se	lection
Consultant	Service	Consultant Compan	y	Contract Type	Consultant Se	lection
Consultant	Service	Consultant Compan	y	Contract Type	Consultant Se	lection
Consultant	Service	Consultant Compan		Contract Type	Consultant Se	lection
	Service	Consultant Compan		Contract Type	Consultant Se	lection
23. Comments:	Service	Consultant Compan		Contract Type	Consultant Se	lection
	Service	Consultant Compan		Contract Type	Consultant Se	lection
	Service	Consultant Compan		Contract Type	Consultant Se	lection
	Service	Consultant Compan		Contract Type	Consultant Se	lection
	Service	Consultant Compan		Contract Type	Consultant Se	lection
	Service	Consultant Compan		Contract Type	Consultant Se	
	Service	Consultant Compan		Contract Type	Consultant Se	
		Consultant Compan		Contract Type	Consultant Se	
	Service	Consultant Compan		Contract Type	Consultant Se	
23. Comments:		Consultant Compan		Contract Type	Consultant Se	
23. Comments: D. WORK STATUS	S:			Contract Type	Consultant Se	
23. Comments: D. WORK STATUS Review taking place	S: e prior to first wo					
23. Comments: D. WORK STATUS	S: e prior to first wo k complete (\$)			& perc	Consultant Se	

Estimated or actual date of preconstruction conference

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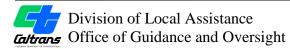
Review of applicable detailed mid-project and after-acceptance project survey questions with resident Mid-project review scheduled date:



Deficiency Description			Cou	rse of Action		Actio	n Dates
				ĺ	ĺ		
			• • • • • • • • • • • • •		ļ		
			Agency Contact:				
	Local Age	ncy Contact	Phone Number:				
UMMARY							

Attachment C

Mid-Construction Review Checklist



Mid-Construction Review Checklist

		vision of Local Assis	
	IVI I	d-project Review Ch	ecklist
Re	view Type: Mid-project	Date of Review:	
	PROJECT INFORMATION		
1.	Federal Aid Project No.		
2.	District:		
3.	Agency:		
4.	Project Description:		
5.	Project Location:		
	County:		
	City:		
	Street(s):		
6.	Project Type		
7.	Funding Source(s):		
8.	Caltrans Reviewer(s):		
9.	Caltrans Construction Oversigh	t Engineer:	
	Caltrans DLAE:		
	FHWA Participant(s) (if applica	ble)	
12.	Local Agency Participant(s):		
13.	Contract Award Amount:		
В.	PROJECT STAFFING		
1.	Local Agency Employee in Res	ponsible Charge of Project:	
2.	Project Resident Engineer (RE)	:	
		Does RE Work For	Local Agency
			Consultant
3.	Is RE a licensed PE?		If yes, PE License No:
4.	if not, who is the licensed pe wh	o delegated this responsibility?	
5.	If RE is a consultant, name of c	onsultant firm:	
<mark>6.</mark>	Is there a listing of all project st	aff with their respective titles on f	file?
7.	Is the project adequately staffed	1?	
8.		information sheet on file containi	
	. .	ants/contractor? This is typically	
		ent of an emergency on the proje	
forr	n is typically shared with fire, po	lice and other emergency groups	as necessary.
9.	Comments:		



C.	GENERAL PROJEC	CT RECORDS						
	Are project records egory?	being kept in an	organized	manner with an	index that o	describes e	each file	
	Are there sufficient of	categories to ore	ganize all re	equired project o	documents?			
3.	Comments:							
D.	PROJECT STATUS	S AND CONTRA						
1.	Has the project beg	gun active const	ruction ope	rations?				
2.	What is the original	-						
3.	Is this duration in w	vorking days (W	D) or calend	dar days (CD) ?				
4.	What is the percent	t dollars comple	te?		Percent tim	ne complete	e?	
5.	Does the agency ut	tilize the weekly	statement	of working days	s or other ac	ceptable m	nethod of	
	tracking contract til	me?						
6.	What was the date	of the first work	ing day?					
7.	What is the original	I contract compl	etion date?)				
8.	What is the current	contract compl	etion date?					
				Non-Working E	Days to date	9		
				Approved CCO	days to dat	e		
				Contract Susp	ension days	to date		
9.	Is the controlling op	peration of work	clearly note	ed on the WSW	D?			
10	Has the agency cop	pied Caltrans wi	th the notic	e to proceed let	ter?			
11.	Has the agency ser	nt the award pac	kage to Ca	altrans?				
12	Comments:							
		1	î	1	1			
F	RESIDENT ENGINE			TANT RESIDE	NT ENGINE		DIARIES (F	REPORTS
	Are daily reports up-							
	Do daily reports con							1
2.	Do daily ropolito coll		s of labor fo					
				me contractor ve	subcontra	ctor)		
		Labor clas			. 000001110			
				model numbers				
				vorked by contra			,	
		Idle or dow						
3	Do daily reports ade			rrences locatio	ns of work		ations	
	rk performed in the fi							
	Do the daily reports	-				uthor's print	ed name.	
	hor's signature and o					····· • • • • • • • • • • • • • • • • •		
	Are resident enginee	,	p-to-date (e	either daily or we	eekly)?			
6.	Comments:		1	1				[



F.	QUALITY ASSURANCE PROGRAM / MATERIALS TESTING	
1.	Does the local agency have a copy of their QAP in the project records?	
2.	Is the approval date on the qap less than 5 years old?	
3.	Does the qap for this contract contain acceptance testing frequency tables?	
4.	If so, have these frequency tables been modified from the caltrans sample qap?	
5.	Which test methods do the contract documents specify? (CT/ASTM/AASHTO/Other)	
	Are there acceptance sampling and test record data sheets in the oject files?	
7.	Based on the contract work and the QAP, what tests have been (or will be) performed	?
8.	What entity is performing the acceptance testing on this project?	
9.	Is there a log of acceptance testing results in the project files?	
10.	Is the acceptance testing conforming to the frequency requirements of the QAP?	
	. Are copies of up-to-date acceptance testers certifications in the project files?	
12.	. If using ct methods, have the acceptance testers been certified by Caltrans?	
13.	. If using other test methods (ASTM, etc), have the acceptance testers been certified	1?
	If so, by whom?	
<mark>14</mark> .	. Is the materials laboratory's current certification/accreditation in the project files?	
15.	. Is the acceptance testing being coordinated with and monitored by the RE/inspector?	
16.	5. Does the RE/Inspector see copies of the test results in a timely manner (within 3 day	's)?
17.	7. If there are failing tests, are there corresponding passing tests or resolution explanation	on?
18.	B. Do the project records contain copies of mix designs and their formal approvals?	
19.	. Are delivery tickets/load slips being collected and initialed at the time and point of del	livery?
20.	. Do delivery tickets/load slips contain a product or mix identification number that corre	sponds to the
	approved mix design?	
	. Are deductions being taken for waste, rejected loads, or unused material in the last lo	bad?
	Are there any materials to be accepted into the project via source inspection?	
23.	5. Do materials certificates of compliance contain the following necessary information?	
	Project id or number?	
	Specific lot number?	
	Citation of spec no.'s in complaince wi	ith?
	Signature by manufacturer?	
0.4		
24.	. Are the required buy america statements/certifications included in certificates of comp	
	iron and steel incorporated into the work?	
05	Commonto	
25.	. Comments:	l I



G. CONTRACT		DDEDE						1
G. CONTRACT		RDERJ						
1. Is there a log	of all contro	oct change	ordore (CC	O's) on filo?				
2. Are all CCO's					ha raacan f	or the chan	ao2	
3. If any of the c							-	┣━━━┥─
there records or	U			· · · · · · · · · · · · · · · · · · ·	U	• •	· · ·	
independent cos					sun agreeu	prices (e.g	•	
4. If any of the c					count (time	and mater	ials) do	
the daily re/insp								
on the related cl								
5. If any of the c	Ŭ		the unit bio	d price (adjustm	ent in com	pensation) o	of an item	
or items, is then								
			·					
6. If any of the c	hange order	s provide a	contract til	me adjustment,	are there r	ecords on fi	ile	
supporting the ti	me adjustm	ent (e.g. a	time impac	t analysis)?				
7. If any of the c								
the change orde		r specificat	tions been	<mark>stamped by a p</mark>	orofessional	engineer w	ith a valid	
California PE lic								
8. Were all cont	ract change	orders app	roved prior	to beginning wo	ork on the c	ontract cha	inge	
orders?								
9. If not, A. Was the agency's prior authorization process followed and documented? B. Was the contractor given written authorization to proceed with the work?								
			-		•		vork?	i
		-		ely approved in				
10. Is the local a		toring auth	orized cont	ract change or	der amounts	s versus ava	ailable	
contingency bal	ances ?							
11. Comments:								
H. PROJECT P	AYMENTS							
1. Has the local								
2. If so, does the		· · · ·					•	
and dollars amo quantity notation				nd change orde	r work (ie. c	quantity cal	c sneets,	
3. Are there sep		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	far aaab itam ba	ing poid or			
4. Does each qu		· ·			01			
(location informa						инст п арр	1162	
5. Does each qu				surements and	calculation	s by which	the	
quantity was de					Calculation	S by Which		
6. Are quantity of	· · · · · ·	signed and	dated?					
7. Are quantity of		-		eparate individu	al?			├ ──┥
8. Are quantities		-				d quantities	5?	
9. Comments:		5 50 ing ino			et connate	- quantitio		•
	J		-	-	-	-		



I. LABOR COM	PLIANCE A	ND EEO									
1. Are federal (U						e signed co	ontract?				
2. Is FHWA Form						· •	1.6				
3. Did the agenc when the project	•	•	etore bid op	pening) to see it	the wage r	ates chang	jed from				
4. Have any payrolls been received from the contractor as of yet?											
5. Are payrolls p			U U	· · ·			ontractor?				
6. Are payrolls s											
7. Are required fe	•		· ·		gramadmin/	contracts/p	ooster.cfm)				
	in good shape and posted in plain view of workers ? 8. are employee interviews (Ex 16-N of LAPM) being conducted at an acceptable frequency?										
							ncy?				
9. Do the employ	yee interviev	vs include t	ne appropri	late signatures	and dates?			i			
10. Comments:								I			
TO. Comments.											
J. DBE											
1. Who is the loc			•	e officer?							
2. What is the d	-					- 0))					
3. What is the co				•				i			
4. If the contract		-		-		fort (GFE)	analysis				
performed by the 5. Has the prime							octing				
request form (Ex							acting				
6. If dbe trucking trucking verification	•		mitment for	r this project, a	re the contra	actor's mor	nthly dbe				
7. Has the contra			listed dbe s	subcontractors	on this proje	ect?					
8. If not, are the											
9. Have any cont	tract change	e orders affe	ected the a	mount of dbe w	ork?						
10. Comments:											
K. TRAINEES (A	PPRENTIC	ES)									
1. Are training (a	••• /	•	•								
2. If so, what is t	- ·										
3. If a goal, is the			d training p	lan and agency	approval or	n file?		<u>_</u>			
4. Does the plan	1										
				each classifica	ation?						
		arting date f									
	C. The ap	prentice's re	egistration	in an approved	program ?			i			
5. Comments:											
J. Commenta.											
I	I										



Division of Local Assistance Caltrans Office of Guidance and Oversight

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L. ENVIRONME	NTAL COM	MITMENTS	5					
								ĺ
1. Is the environr	mental docu	ment for th	is project o	n file?				
2. Is the constru-	ction projec	t adhering t	o mitigatior	n requirements	in the envir	onmental do	ocument?	
3. Is the environr	mental comi	mitment rec	cord (ECR)	contained in th	e project file	es?		
4. Comments:					1	1		
M. TRAFFIC MA		T PLAN						
1. Does the appr					MP) or doe	s it contain	provisions	
for the contracto								
2. if the traffic ma	-	plan is con	tractor-subr	mitted, is a form	nal agency	approval co	ntained in	
the project files?								
3. are the traffic	managemer	nt plan requ	irements be	eing followed?				
4. Comments:			[l		[
4. Oomments.								
After-acceptance	e review sch	eduled date	e (estimated	d):				
•								
Follow up item	s for signif	icant defic	iencies:					
Deficien	cy descripti	on		Course of	action		Action	dates
								1



Additional Items for Bridg	e Proiects	5:					1		
Concrete Records:							i i		
1. Are all approved concrete	mixes on	file?							
2. Are all letters of concrete mix approvals on file?									
3. Are samples and testing notations included on pour records or diaries?									
4. Comments:									
Bridge CCOs:									
1. For bridge design change	s, has the	bridge desi	gner authorized	the change	e?		i		
2. Comments:									
	,								
Approved Falsework Plan	IS:						i		
1. Is there a falsework log o	n file showi	ng falsewor	rk submittal hist	ory?					
2. Are the falsework plans p	roperly sta	mped?							
3. Do the falsework plans in	clude erect	ion and stri	ipping operation	s?					
4. Are the falsework calcula	tions on file	e and comp	lete?						
5. Are there records of cam	per and fals	ework defle	ection calculatio	ns perform	ed by a reg	jistered			
engineer?									
6. Are there records of false	work soffit	and deck g	rades supplied t	to the contr	actor by th	е			
Engineer, which accommod	ate falsewo	ork settleme	ents and deflect	ions and br	idge cambe	er			
requirements?									
7. Is there a letter from the contractor certifying that the erected falsework substantially meets									
approved falsework plans da	ted prior to	concrete p	oours of bridge s	offit and de	ck?				
8. Are there any records of	observed fa	lsework set	ttlement during	and after th	e concrete	pour?			
9. Comments:									
Prestressing:									
1. Are the initial shop drawing	nas for pres	tressina (s	ubmitted by the	contractor) on file?				
2. Are the initial plans prope					,				
3. Is the final set of shop dra			n on file?						
4. Are the final plans proper			g off mot						
5. Is there a record in the di	• •		he prestressing	ducts were	checked f	or anv			
obstruction after the soffit/de			•		onconcar				
6. Are there records of actu	-	-							
7. Are there records indicati	•	-		and iack(s)	were certifi	ed and			
valid at time of stressing?				,, , (-)					
8. Is there proper document	ation of bot	h i) actual s	strand elongatio	n vs. theore	etical elong	ation and			
ii) load cell readings vs. con	tractor gau	ge readings	?						
9. Do the records show grou	9. Do the records show grouting was performed and include a copy of the certificate of compliance								
for the cement used?									
Ior the coment used:	iting was p			by of the ce		compliance			



Profilographs (i	f thara is a	now brid	ao dock o	if the existing	n bridge de	ock has ho	on modific	d and		
finish surface re			-		y bridge de		en moune			
1. Are there records showing profilographs were taken before and after deck grinding?										
2. Are all the profilograph records on file?										
3. Comments:										
Shoring Plans (project):						
1. Are the shorin	• • • •									
2. Do the project	records inc	lude comp	lete shoring	calculations?						
3. Comments:										
				1						
Welding (if ther		•		- Overlite Orest						
1. Does the cont	•			•	rol Plan for	welding?				
2. If yes, is the contractor's welding Quality Control Plan on file?										
3. Comments:										
Summary										
			2	÷	ė.					
								l		
								i		

Attachment D

Post-Construction Review Checklist



Post-Construction Review Checklist

		[Division of Lo	cal Assi	stance	
		Post	-Construction	Review	v Checklist	
Re	view Type: F	ost-Constructio	n Date	of Review:		
		FORMATION				
1.	Federal aid	project No.:				
2.	District:					
3.	Agency:		· · · ·			
4.	Project dese	cription:				
5.	Project Loca	ation:				
		County:			÷	1
		City:				
		Street(s):				
6.	Project type					
7.	Funding sou					
8.	Caltrans Re					
9.		nstruction Oversi	ght Engineer:			
10.	Caltrans DL					
11.	FHWA parti	cipant(s) (if applic	able)			ĺ
	•	y participant(s):				
13.	Contract aw	ard amount:				
B.	PROJECT S	TAFFING				
1.	Local agency	employee in res	ponsible charge of pr	oject:		
2.	Project resid	ent engineer (RE):			
			Does RE work	for	Local Age	ency
					Consulta	nt 📃
3.	Is RE a licer					License No:
4.		•	who delegated this re	sponsibility?	?	
5.		nsultant, name of				
6.			staff with their respec	tive titles on	file?	
7.		t Adequately Sta				
8.			t information sheet or			
			Iltants/contractor? Th			-
			event of an emergency police and other emer			aent). This
on	ins typically				as necessary.	
9.	Comments:					



C. GENERAL P	ROJECT R	ECORDS								
1. Are project re category?										
2. Are there sufficient categories to organize all required project documents?										
3. Comments:				1						
D. PROJECT ST	TATUS AN	D CONTRA	CT TIME							
1. What was the	1. What was the original number of contract working days?									
2. Was this dur	ation in wo	rking days	(WD) or ca	lendar days (CD)?					
3. Did the agen	cy utilize th	<mark>le weekly s</mark>	tatement o	<mark>f working days (</mark>	WSWD) or	other acce	ptable meth	nod of		
tracking cont										
	- · ·			noted on the WS	SWD?					
5. Is the final wa				nent) on file?		-				
6. What was the										
				(the final working	g day)?					
8. Did the contr		-								
9. Were contract	ct time exte									
		If YES, Ho	w Many	Non-Working E	•					
				CCO Additiona	•					
		_		Overall Contrac						
10. Is there adeq	uate writter	n document	ation on file	e to support the	additional t	ime grante	d?			
								i i		
11. Comments:		1	1	1	1	1	r			
E. RESIDENT EN		FDORTS /		TANT RESIDE				PEPOPTS		
1. Are daily repo				- · · ·						
2. Do daily repor	ts contain		-					i		
			s of labor fo		aubaantra	actor)				
		Labor clas		me contractor ve						
				model number						
				model numbers		d ooo work				
		Idle or dow								
3. Do daily repor	ts adequat	elv canture	daily occu	rrences locatio	ns of work		rations			
work performed in		· · ·	•				lations,			
4. Do the daily r							ted name.			
author's signature	•				, (- <u>-</u>	- 1	,			
5. Are resident e			-to-date (ei	ther daily or we	ekly)?					
6. Comments:										



F. QUALITY ASSURANCE PROGRAM / MATERIALS TESTING									
			i						
1. Does the local agency have a copy of their QAP in the project records?									
2. Is the approval date on the qap less than 5 years old?			I						
3. Does the QAP for this contract contain acceptance testing frequency table									
4. If so, have these frequency tables been modified from the caltrans sample	QAP?								
5. Which test methods do the contract documents specify? (CT/ASTM/AASHTO/Other)									
6. Are there acceptance sampling and test record data sheets in the									
project files?									
7. Based on the contract work and the qap, what tests were performed?									
8. What entity performed the acceptance testing on this project?									
9. Is there a log of acceptance testing results in the project files?			i						
10. Did the acceptance testing conform to the frequency requirements of the QAP?									
11. Are copies of up-to-date acceptance testers certifications in the project fi	les?								
12. If using CT methods, were the acceptance testers certified by Caltrans?									
13. If using other test methods (ASTM, etc), were the acceptance testers of	certified?								
If so, by whom?									
14. Is the materials laboratory's current certification/accreditation in the proje									
15. Was the acceptance testing coordinated with and monitored by the RE/Ir	•								
16. Did the re/inspector see copies of the test results in a timely manner (wit			I						
17. If there were failing tests, were there corresponding passing tests or reso		nation?							
18. Do the project records contain copies of mix designs and their formal app									
19. Were delivery tickets/load slips being collected and initialed at the time a	•		46.0						
20. Do delivery tickets/load slips contain a product or mix identification numb	er that corr	esponas to	the						
approved mix design? 21. Were deductions taken for waste, rejected loads, or unused material in the	o loot lood	r r							
22. Were there any materials accepted into the project via source inspection		۲ ا							
23. Do materials certificates of compliance contain the following necessary in									
Project ID or number?		1	<u> </u>						
Specific lot number?			I						
Citation of spec No.'s in c	omplaince	with?							
Signature by manufacture									
24. Are the required buy america statements/certifications included in certific	ates of con	npliance for							
iron and steel incorporated into the work?		· (
25. Is the materials certificate (Exhibit 17-G of the LAPM) signed and on file?									
26. Comments:									



If any of the change orders were paid at an agreed lump sum or at agreed unit price(s), are here records on file supporting the establishment of those lump sum agreed prices (e.g. dependent cost estimate by agency, force account analysis)? If any of the change orders were written and paid for at force account (time and materials), do he daily reinspector reports provide sufficient detail to support the payment of time and materials in the related change orders adjusted the unit bid price (adjustment in compensation) of an item r items, is there a force account cost analysis to adequately support the adjustment(s)? If any of the change orders provide a contract time adjustment, are there records on file upporting the time adjustment (e.g. a time impact analysis)? If any of the change orders contain revised or new engineering drawings or specifications, have he change order drawings or specifications been stamped by a professional engineer with a valid alifornia PE license? Were all contract change orders approved prior to beginning work on the contract change B. Was the contractor given written authorization to proceed with the work? C. Was the change order rultimately approved in a timely manner? O. Is the local agency monitoring authorized contract change order amounts versus available ontingency balances? A PROJECT PAYMENTS Doe progress payments provide suitable backup/documentation to support quantities and dollars mounts paid for contract licensel (e.g., .)? A there separate quantity calc sheet include the measurements and calculations by which the uunity was determined? Does each quantity calc sheet signed and change Does each quantit	G. CONTRACT C	HANGE O	RDERS							
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A. PROJECT PAYMENTS		nces?	r		1	1	·			
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Are quantities paid to date being monitored and checked against estimated quantities?	5. Are quantity ca	alc sheets :	signed and	dated?						
	6. Are quantity ca	alc sheets l	being checl	ked by a se	eparate individua	al?				
Comments:	7. Are quantities	paid to date	e being mo	nitored and	l checked again	st estimate	ed quantities	s?		
Comments										
. commente.	8. Comments:	1								



I. LABOR COMPLIANCE AND EEO										
1. Were federal (US Ddepartment of Labor) wage rates physically included in the signed contract?										
2. Is FHWA Form 1273 physically included in the signed contract?										
3. Did the agency check (at ren days before bid opening) to see if the wage rates changed from										
when the project was first advertised?										
4. Were all payrolls received for all covered work from the prime and the subcontractors?										
5. Are payrolls properly certified (wet ink signature, statements) by the contractor/subcontractor?										
6. Were payrolls spot-checked for proper hours/wage rates, and initialed by the checker?										
7. Were proper deductions or other actions taken for missing or uncorrected payrolls?										
8. Were required federal jobsite posters										
(http://fhwa.dot.ca.gov/programadmin/contracts/poster.cfm) In good shape and posted in plain view										
9. Were employee interviews (Ex 16-N of LAPM) being conducted at an acceptable frequency?										
10. Do the employee interviews include the appropriate signatures and dates?										
11. Comments:										
J. DBE										
1. Who is the local agency's labor compliance/dbe officer?										
2. What was the dbe goal for this contract? (%)										
3. What was the contractor's dbe commitment for this contract? (% in exhibit 15-g))										
4. If the contractor did not meet the goal for this contract, was a Good Faith Effort (GFE) analysis										
performed by the agency and Is a copy filed in the project records?										
5. Did the prime contractor submit and the Resident Engineer approve the Ssubcontracting										
Request Form (Exh 16-B of the LAPM) prior To any subcontractor work being performed?										
6. If DBE trucking was part of the DBE commitment for this project, are the contractor's monthly DBE trucking verification forms on file?										
7. Did the contractor utilize all of the listed DBE subcontractors on this project?										
8. If not, are the contractor's substitution request and the agency's approval on file?										
9. Did any contract change orders affect the amount of DBE work?										
10. Did the contractor submit the final report of DBE utilization (exhibit 17-f of the LAPM)?										
11. Did the RE review and sign the above exhibit 17-F?										
12. Did the prime contractor fulfill his original DBE commitment (per exhibit 15-G)?										
13. If no (question 12), is a valid explanation/justification provided in the project file?										
14. If no (question 12), was payment for the committed to DBE work withheld?										
15. Comments:										
K. TRAINEES (APPRENTICES)										
 Are training (apprentices) provisions a part of this contract? If so, what is the goal (number of trainees) for this contract? 	¦									
3. If a goal, is the contractor's submitted training plan and agency approval on file?										
4. Does the plan include the following?										
A. The number of apprentices for each classification?	<u> </u>									
B. The starting date for each apprentice?										
C. The apprentice's registration in an approved program ?										
C. The apprentice's registration in an approved program ?										
5. Comments:										



Division of Local Assistance Caltrans Office of Guidance and Oversight

L. ENVIRONMEN		MITMENTS	3					
1. Is the environm								
2. Were all enviro		-		met and docur	nented in th	ie environm	ental	
commitment reco	al (ECR) a	na in the pi	roject me?					
3. Comments:					<u> </u>			
o. commento.								
M. TRAFFIC MA	NAGEMEN	T PLAN						
1. Does the approx					MP) or does	s it contain	provisions	
for the contractor			•	,				
2. If the traffic ma	inagement p	olan is con	tractor-sub	mitted, is a form	nal agency	approval co	ntained in	
the project files?								
3. Are the traffic	managemer	nt plan requ	uirements b	eing followed?				
4. Comments:								
After-acceptance	roviow sch	odulod date) (ostimato	d).				
Allel-acceptance								
Follow up items	s for sianifi	cant defic	iencies:					
Deficiency description				Course of	Action dates			
			I					



Additional Item	s for Bridg	e Projects	<u>.</u>						
Concrete Recor	ds:								
1. Are all approved concrete mixes on file?									
2. Are all letters of concrete mix approvals on file?									
3. Are samples and testing notations included on pour records or diaries?									
4. Comments:									
Bridge CCOs:									
1. For bridge design changes, has the bridge designer authorized the change?									
2. Comments:									
			_		_	_			
Approved False									
1. Is there a falsework log on file showing falsework submittal history?									
2. Are the falsework plans properly stamped?									
3. Do the falsewo	3. Do the falsework plans include erection and stripping operations?								
4. Are the falsew	ork calculat	ions on file	and comp	lete?				1	
5. Are there reco	rds of camb	per and fals	ework defle	ection calculatio	ns perform	ed by a reg	istered		
engineer?									
6. Are there reco	rds of false	work soffit a	and deck g	rades supplied t	o the contr	actor by the	e		
Engineer, which	accommoda	ate falsewo	rk settleme	ents and deflecti	ons and br	dge cambe	er		
7. Is there a lette	r from the c	ontractor c	ertifying the	at the erected fa	alsework su	bstantially	meets		
approved falsewo	rk plans da	ted prior to	concrete p	ours of bridge s	offit and de	ck?			
8. Are there any	records of c	bserved fal	sework set	tlement during a	and after th	e concrete	pour?		
9. Comments:									
Prestressing:									
1. Are the initial	shop drawir	igs for pres	tressing (s	ubmitted by the	contractor	on file?			
2. Are the initial	olans prope	rly stampe	d?						
3. Is the final set of shop drawings for prestressing on file?									
4. Are the final plans properly stamped?									
5. Is there a record in the diaries to indicate that the prestressing ducts were checked for any									
obstruction after the soffit/deck pours and prior to placing the strand?									
6. Are there records of actual prestressing in the file?									
7. Are there records indicating the contractor's pressure gauges and jack(s) were certified and									
valid at time of stressing?									
8. Is there proper documentation of both i) actual strand elongation vs. theoretical elongation and									
ii) load cell readings vs. contractor gauge readings?									
9. Do the records show grouting was performed and include a copy of the certificate of compliance									
for the cement used?									
10. Comments:									



Profilographs (finish surface r			-		g bridge de	eck has be	en modifie	ed and	
1. Are there reco	ords showing	g profilograp	ohs were ta	ken before and	after deck g	grinding?			
2. Are all the pro	filograph rec	cords on file	e?						
3. Comments:							I		
Shoring Plans	(if there is/	was shorir	ng on the p	project):					
1. Are the shorin	ng plans prop	perly stamp	bed?						
2. Do the project records include complete shoring calculations?									
3. Comments:									
Welding (if there is welding in the contract)									
1. Does the contract require the contractor to have a Quality Control Plan for welding? 2. If yes, is the contractor's welding Quality Control Plan on file?									
	contractors	welding Qu	ality Contro	or Plan on file?					
3. Comments:									
Summary									
								l	
								l	