

Review Program for CPA Audits of Consulting Engineers' Indirect Cost Rates

Name of E	ngineering Consultant and Fiscal Year
Name of	CPA Firm/Auditor
	DOT Reviewer
Date(s)	of DOT Review
Backgro	ound and Objectives
(indirect c Acquisition State DOT	ent CPAs perform audits of engineering consultants' Statements of Direct Labor, Fringe Benefits, and General Overhead ost rate schedules) to ensure compliance with Generally Accepted Accounting Principles (GAAP), Part 31 of the Federal on Regulation (FAR), and, to the extent applicable, the Cost Accounting Standards (CAS) of 48 CFR subpart 9900. In turn, a auditors review the CPAs' work to determine whether the indirect cost rates and Facilities Capital Cost of Money (FCCM) fied by the CPAs should be accepted by DOTs for purposes of cost reimbursement and project cost estimates.
This Revie	ew Program was designed to provide State Department of Transportation (State DOT) auditors with a framework to provide by in—
A	Evaluating the CPA's familiarity and compliance with the Government Auditing Standards (GAGAS), Generally Accepted Auditing Standards (GAAS), GAAP, 23 U.S.C. 112(b)(2), 23 CFR 172, FAR Part 31, and interpretive guidance such as the DCAA Contract Audit Manual (CAM) and the AASHTO Uniform Audit and Accounting Guide (AASHTO Guide).
	Determining whether the CPA's workpapers support the opinions stated in the Audit Report regarding the engineering onsultant's—
	- job-cost accounting and estimating systems;
	 indirect cost rate schedule; internal control structure;
	- compliance with the applicable laws, regulations, and guidance; and
	- Identification and segregation of field office costs.
• \	Verifying the adequacy of the sampling procedures used by the CPA.
• E	Ensuring the CPA presented the audit findings and the Audit Report to the engineering consultant.
	Ensuring that the CPA's audit adjustments agree to the adjustments listed on the final, audited indirect cost rate schedule ubmitted to State DOTs.
	tions kpaper Review Program includes a series of questions to be completed by State DOT auditors during cognizant reviews. stion includes blank areas for review tickmarks and comments, as described below.
	Tickmark areas appear thus: []. This includes an "X" tickmark formatted with White text. To make the "X" character appear within the brackets, change the White text to Dark Red as follows: [X].
•	In the various Comments sections, text is already formatted as Dark Red , to provide contrast between questions and

Review Tickmarks (The cognizant reviewer may use the following area to identify any tickmarks used during the review process.)

the reviewer's notes/comments.

Engineering Consultant:	DOT Reviewer:	
Audit Period (Fiscal Year):	Review Agency:	
CPA Firm/Auditor:	Review Date:	
	_	
I. PREPARATORY WORK FOR DOT REVIEWER. (As each step is completed, place an "X" in the appropriate	brackets.)
I.A. [] <u>CURRENT INDIRECT COST RATE SCHEDULE</u> . Obtain completed fiscal year.	n the indirect cost rate schedule for the engineering consult	tant's most recently
Comments:	WORKPAPER REFERENCE: []
I.B. [] INDIRECT COST RATE SCHEDULES FROM PRIOR Y	'EARS. Obtain indirect cost rate schedule(s) from previous	year(s).
<u>Comments</u> :	WORKPAPER REFERENCE: [1
		1 00
I.C. [] <u>ANALYTICAL PROCEDURES</u> . Compare indirect cost ra and field offices.	te schedules for consistency of amounts, rates, and allocati	ons to home office
<u>Comments</u> :	WORKPAPER REFERENCE: []
I.D.[] GENERAL PURPOSE FINANCIAL STATEMENTS. Obt		
reviewed, if available, and/or Form 10K for publicly-traded of Review of the financial statements may provide additional inf		
or other organizational changes, and other information that co		
Comments:	WORKPAPER REFERENCE: []
I.E. [] <u>CPA-CLIENT RELATIONSHIP</u> . Evaluate the length of engineering consultant and whether the CPA has a close personnel. (In accordance with GAGAS 3.14.d and 3.16, the	relationship with any of the consultant's management	or other
reduce them to an acceptable level.)	WORKPAPER REFERENCE: [1
<u>Comments</u> :		•

Engineering Consultant:	DOT Reviewer:
Audit Period (Fiscal Year):	Review Agency:
CPA Firm/Auditor:	Review Date:
II. GAGAS GENERAL STANDARDS.	
II.A. <u>PEER REVIEW REPORT</u> . Review the CPA's most recent Peer R (GAGAS 3.101)? If not, document the comments of the peer review possible impairment(s) to the audit work performed.	
[] Yes [] No	WORKPAPER REFERENCE: []
<u>Comments</u> :	
II.B. <u>CPE</u> . Did the CPA meet the minimum Yellow Book requiremen course listing for each individual CPA who worked on the assign:	
 80 hours CPE over 2 years 	WORKPAPER REFERENCE: []
 24 hours in government auditing or government environs 	ment
[] Yes [] No	
<u>Comments</u> :	
II.C. INDEPENDENCE. Did it appear that the CPA was free from personal that the CPA was free from personal that the CPA was free from personal transfer and the control of t	
the CPA avoid the appearance of such impairments to independer [] Yes [] No	workpaper reference: []
Comments:	,
adequate professional competence for the tasks required (GAGAS knowledge of applicable audit criteria, such as the following:	clusion.) Did the staff assigned to conduct the audit collectively possess 3.69 through 3.75)? Determine the sufficiency of CPA firm's
 supplemental materials issued by State DOTs?) Have assigned staff members received specific training i Has the firm had recent experience in conducting FAR a 	SHTO Guide and other relevant guidance (e.g., the DCAA CAM and/or n relevant subjects? udits?
 Have any State DOTs already reviewed any of the CPA's contact those states to see if they identified any problems 	s audits of other consulting firms? If "yes," the DOT reviewer should with the CPA's work.
[] Yes [] No	WORKPAPER REFERENCE: []
<u>Comments</u> :	

Engineering Consultant:	DOT Reviewer:
Audit Period (Fiscal Year):	Review Agency:
CPA Firm/Auditor:	Review Date:
III. GAGAS FIELD WORK STANDARDS.	
adequately address the following?	onclusion.) Is there evidence that the audit work was properly planned to
 Determine the nature timing and extent of auditing Consider fraud and illegal acts. Consider materiality. Evaluate previous audits. Assess risk. 	procedures.
[] Yes [] No	WORKPAPER REFERENCE: []
<u>Comments</u> :	
	ement letter, or agreement include the following? (Answer "yes" or
"no," based on overall conclusion.)	
The period to be covered,The cost pools to be audited,	
The cost pools to be talkined,The reports to be prepared,	
 That representatives of State agencies and other appupon request and in a timely manner (GAGAS 4.16) 	
 That working papers be maintained for at least three Any restrictions or special conditions, and 	e years after the date of the report,
	ns to be followed (e.g., GAGAS, GAAS, and FAR Part 31)?
[] Yes [] No [] Not applicable	WORKPAPER REFERENCE: []
<u>Comments</u> :	World ALEKTEI ERENOE. []
III.C. PRIOR FINDINGS. Did the CPA follow up on known mate	erial findings and recommendations from prior audits (GAGAS 4.05)?
[] Yes [] No [] Not applicable	
Comments:	WORKPAPER REFERENCE: []

Engineering Consultant: Audit Period (Fiscal Year): CPA Firm/Auditor:	DOT Reviewer: Review Agency: Review Date:
III. GAGAS FIELD WORK STANDARDS.	
 The documentation provided sufficient detail to enable an experimentation. the nature, timing, and extent of auditing procedus standards and requirements; the results of the audit procedures performed and the conclusions reached on significant matters; and 	ding of the CPA's work (additional detail, supplementary, or oral f transactions and records examined, and the conclusions reached; rienced auditor, having no previous connection to the audit, to res performed to comply with Yellow Book and other applicable the audit evidence obtained; and a audited financial statements or other audited information.
IV. FORMAT AND CONTENTS OF AUDIT REPORT.	
 IV.A. <u>AUDIT OPINION</u>. Did the report contain an opinion stating that the with applicable Federal laws and regulations? [] Yes [] No <u>Comments</u>: 	workpaper reference: []
IV.B. SCOPE. Did the report contain a scope paragraph stating that the a	udit was performed in accordance with Yellow Book standards? WORKPAPER REFERENCE: []
<u>Comments</u> :	

Engineering Consultant:	DOT Reviewer:
Audit Period (Fiscal Year):	Review Agency:
CPA Firm/Auditor:	Review Date:
IV. AUDIT REPORT: FORMAT AND CONTENT	S.
IV.C. BASIS FOR DETERMINING ELIGIBLE/ALLOWABLE primary basis for determining costs eligible for reimbur	E COSTS. Did the scope paragraph state that the CPA used FAR Part 31 as the sement under Government contracts?
[] Yes [] No	WORKPAPER REFERENCE: []
Comments:	
IV.D. REPORT ON INTERNAL CONTROLS.	
 Did the CPA issue a report on the Internal Control a agreements as required by the Yellowbook (Govern 	nd compliance with laws, regulations, and provisions of contracts or grant
[] Yes [] No	WORKPAPER REFERENCE: []
Comments:	1107aa7a 2 111 2 12102. [
	
 If "yes," were all significant deficiencies and materia the auditor's report? (GAGAS 4.16 & 5.17) 	al weaknesses in the internal control that were found by the auditor disclosed in
[] Yes [] No [] Not applicable	WORKPAPER REFERENCE: []
<u>Comments</u> :	
	the procedures used by the CPA to communicate to the engineering consultant
	es in internal controls (GAGAS 4.16 & 5.17). Were the procedures adequate?
[] Yes [] No	WORKPAPER REFERENCE: []
<u>Comments</u> :	

ingineering Consultant:	DOT Reviewer:
Audit Period (Fiscal Year):	Review Agency:
PA Firm/Auditor:	Review Date:
V. AUDIT REPORT: FORMAT AND CONTENT	S.
V.F. <u>DISCLOSURE NOTES</u> . (Answer "yes" or "no," based (See AASHTO Guide, Chapter 11, which discusses Au	d on overall conclusion.) Were the Disclosure Notes to the Report Adequate? dit Reports and Minimum Disclosures.)
At a minimum, the following should have been disclosed	d (if applicable): WORKPAPER REFERENCE: []
Description of the Company (11.2.A).	
Basis of Accounting (11.2.B).	
[] Description of Accounting Policies, including C	Cost Allocation Policies (11.2.C).
Description of Overhead Rate Structure (11.2.D	9).
 Reporting unit; 	
- Single base or multiple bases, and how the b	*** ** *** ***
Description of Labor Related Costs (11.2.E). Su	
 Policies regarding the allocation of project I variances computed and recorded); 	abor (e.g., actual vs. standard hourly rates and, if applicable, how and when are
 Contract/Purchased Labor; 	
Paid Time Off;	
	(e.g., how is overtime premium treated, and how does the company account for ensation Analysis, Pension/Deferred Compensation, and Employee Stock Option
[] Description of Depreciation and Leasing Policies	es (11.2.F).
[] Description of Related-Party Transactions (11.2	d.G).
[] Facilities Capital Cost of Money (FCCM) (11.2	H).
List of Direct Cost Accounts (11.2.I).	
 Were direct costs consistently allocated to consistently. 	ost objectives/projects?
- Were individual charge-rates (if applicable) accuracy of the rates?	listed, along with a general description of the audit procedures used to verify the
	cluded noting that the company's method of estimating costs for pricing purposes accumulation and reporting of costs under the company's job-order cost
[] Management's Evaluation of Subsequent Event considered the effect of subsequent events up to the	ts (11.2.K). Was a statement included noting that the company has adequately date the indirect cost rate schedule was issued?
<u>Comments</u> :	·

Audit Period (Fiscal Year):	Review Agency:
CPA Firm/Auditor:	Review Date:
IV.G. ELEMENTS OF AUDIT REPORT. Did the CPA's Audit Report of adjustments and allowed costs per audit, explanations of the adjust	
[] Yes [] No	WORKPAPER REFERENCE: []
<u>Comments</u> :	
V. CPA's AUDIT TESTING (Application of GAGAS, FAR Part 31, and relevant Cost Accounting	Standards (//8 CEP Chanter 991)
V.A. GENERAL LEDGER. (Answer "yes" or "no," based on overall Did the CPA review the accounting system to determine if the system allocable, and allowable costs?	
 documents or systems. (Assess if testing was sufficient to supp necessary). Was there evidence that costs in the general ledger were proper Did the general ledger contain separate accounts for segregating 	g FAR-unallowable costs? ?? Review, evaluate, and document how the unallowable costs were
[] Yes [] No	WORKPAPER REFERENCE: []
Overall comments regarding the above factors:	

Engineering Consultant:	DOT Reviewer:
Audit Period (Fiscal Year):	Review Agency:
CPA Firm/Auditor:	Review Date:
V. CPA's AUDIT TESTING	
(Application of GAGAS, FAR Part 31, and relevant Cost Accounting St	andards (48 CFR Chapter 99))
V.B. GENERAL LEDGER (continued). (Answer "yes" or "no," based of	n overall conclusion.)
If the engineering consultant used statistical sampling as a basis to estimethod used as required by FAR 31.201-6(c)(2)? Specifically: The sampling method must result in an unbiased sample that is a real Any large dollar value or high risk transaction must be separately a sampling process; and The sampling method must permit audit verification.	easonable representation of the sampling universe;
[] Yes [] No [] N/A	WORKPAPER REFERENCE: []
such sampling and estimation as discussed in FAR 31.201-6(c)(4) [] Yes [] No [] N/A Comments:	WORKPAPER REFERENCE: []
V.C. <u>LABOR ACCOUNTING SYSTEM</u> . (See AASHTO Guide, Chapters 6 Did the CPA's workpapers contain evidence that the engineering consultate complete and sufficiently detailed to allow for a proper determination of the	nt's labor-charging/timekeeping system was determined to be consultant's direct labor base and indirect labor costs, including the
allowability of such costs? (Specifically, see Items V.C.1 through V.C.9 bel	ow):
V.C.1. Was there evidence that the consultant accounted for all hours worked	ed by all employees, including salaried employees and principals?
	3
[] Yes [] No [] Immaterial ¹ [] Not applica	ble WORKPAPER REFERENCE: []
<u>Comments</u> :	

¹Include the CPA's rationale for concluding that the item was immaterial.

Engineering Consul	Itant:		DOT Reviewer:	
Audit Period (Fiscal	Year):		Review Agency:	
CPA Firm/Auditor:	-		Review Date:	
V. CPA's AUDI1	T TESTING			
	GAS, FAR Part 31, and relevant Co	nst Accounting Standards	: (48 CFR Chanter 99))	
				on of labor relating to
	idence that indirect labor was recorded, including marketing/promotional, described in the control of the contr			
[] Yes	[] No	[] Not applicable	WORKPAPER REFERENCE: [1
<u>Comments</u> :				
		\M∩Dk	(PAPER REFERENCE: [1
		WOR	AFAFEN NEI ENENGE.	1
T/C/2 XX 1 11	1 1 1	1.1 9.1, , , 11.1	11. (0.4)	1 \ .1 1
	or costs per the indirect cost rate sche ement, and the labor distribution syste		or costs per payroll tax returns (94)	ls), the general
icagei/imanciai state	ment, and the labor distribution syste	m/summary:		
[] Yes	[] No	[] Not applicable	WORKPAPER REFERENCE: [1
			•	
<u>Comments</u> :				
	abor distribution analysis: a review o	f hours and rates per the lab	or distribution reports and compar	rison to employee
umesneets and payro	oll register or other payroll records?			
[] Yes	[] No	[] Not applicable	WORKPAPER REFERENCE: [1
		• 3 · · · · · · · · · · · · · · · · · ·	•	•
Comments:				
V.C.F. W d		(EAD 52 227 10 1 5	, 1 ,	
	review of uncompensated overtime? (ation in excess of an average of 40 ho			
•	pensated personal absences such as h			
	ng uncompensated overtime hours.")			
[] Yes	[] No	[] Not applicable	WORKPAPER REFERENCE: []
<u>Comments</u> :				

Audit Period (Fiscal				DOT Reviewer: Review Agency:	
CPA Firm/Auditor:				Review Date:	
V. CPA's AUDIT					
			st Accounting Standard		
V.C.6. If the consult variances?	ant used a stan	dard costing system, w	vas there evidence that the	consultant properly accumulated and	disposed of
[] Yes	[] No	[] Immaterial	[] Not applicable	WORKPAPER REFERENCE: [1
<u>Comments</u> :					
V.C.7. Was there ev	idence that the	consultant accounted	for the premium portion of	Fovertime on a consistent basis?	
[] Yes	[] No	[] Immaterial	[] Not applicable	WORKPAPER REFERENCE: [1
Comments:	idonos that the	consultant consistently	u and proposity aggounted t	or project-related purchased/tempora	wy Johor?
[] Yes	[] No	[] Immaterial	[] Not applicable	WORKPAPER REFERENCE: [1
<u>Comments</u> :					

Engineering Con	sultant:	DOT Reviewer:			
Audit Period (Fisc	cal Year):	Review Agency:	Review Agency:		
CPA Firm/Audito	r:	Review Date:			
	-				
V. CPA's AU	DIT TESTING				
(Application of G	GAGAS, FAR Part 31, ar	nd relevant Cost Accounting Standards (48 CFR Chapter 99))			
V.C.9 . Did the CI	PA's workpapers contain	evidence of adequate labor testing? For example:			
		If the CPA choose a minimum sample size of 26 timesheets ² for testing across an appeluding supervisors and/or project managers?	propriate mix of		
		PA discuss the size of the labor population and the conclusions drawn from a risk as larger sample size was warranted beyond the minimum sample size?	sessment		
- Tra	unsactions and Attributes	. <u>If</u> the CPA either:			
	(a) Performed less that OR	an the minimum recommended transaction testing;			
		por transactions for all the recommended minimum attributes;			
	→ Then, did the workpap	pers adequately justify the reduced testing? (For example, did the CPA deem it unnecessary to a the various financial and job-cost systems because of low perceived risk due to automated po			
[] Yes	[] No	[] Not applicable WORKPAPER REFERENCE: [1		
<u>Comments</u> :					
		Was there evidence that the project costing system accounted for all direct costs (direct costs)			
	•	ly with a project or final cost objective), on a proper, complete, and consistent basis?			
		oject costing system accounted for all direct costs (direct labor and other costs that ca t objective), on a proper, complete, and consistent basis?	an be identified		
[] Yes	[] No	WORKPAPER REFERENCE: [1		
<u>Comments</u> :					
V.D.2. Was to projects?	there evidence that the co	onsultant properly recorded all direct labor to projects, including non-billable labor ic	lentified with		
[] Yes	[] No	WORKPAPER REFERENCE: []		
<u>Comments</u> :					

² Generally, the testing should include all the time transactions (each increment of time allocated to a direct or indirect project or cost pool) from the sampled timesheets, and all the transactions should be tested for the recommended attributes discussed in Section 10.3B of the AASHTO Guide. If the CPA uses alternative procedures, they should be thoroughly documented and justified in the audit workpapers.

Engineering Consultant:			DOT Reviewer:	
Audit Period (Fisc	·		Review Agency:	
CPA Firm/Auditor	r: 		Review Date:	
V. CPA's AUD	NT TESTING			
		nd relevant Cost Accounting Standa	rds (48 CFR Chapter 99))	
employees?		onsultant recorded labor costs at properly A pay specific attention to the accuracy ons?		
[] Yes	[] No		WORKPAPER REFERENCE: [1
Comments:				
V.D.4. Was t	here evidence that the co	onsultant recorded all Other Direct Costs	s, whether billable or not, to projects on	a consistent basis?
		egregated from general overhead?	,, r	
[] Yes	[] No		WORKPAPER REFERENCE: []
<u>Comments</u> :				
V.D.5. Did the so:	Were recoveries asso FAR 31.201-5? The netting of direct	osts that the consultant treated as direct of ciated with these costs credited to the costs included in the indirect cost poor inaccurate representation of costs. Engy? [] Not applicable	e indirect cost pool in accordance wi	th er than cost) in this
[] les	[] NO	[] Not applicable	WORKE / WEITHER ENERGY.	1
<u>Comments</u> :				
		F COMPANY IN-HOUSE RATES AND	<u> </u>	
		lence of the following? (See Items V) irect cost accounts and amounts for the		
V.E.I. THE CONSU	nam suomined a list of d	nect cost accounts and amounts for the	CFA STEVIEW.	
[] Yes	[] No		WORKPAPER REFERENCE: [1
<u>Comments</u> :				

Engineering Consult	ant:		DOT Reviewer:		
Audit Period (Fiscal Y	/ear):		Review Agency:	'-	
CPA Firm/Auditor:	· ·		Review Date:		
	-				
V. CPA's AUDIT	TESTING				
(Application of GAG	AS, FAR Part	31, and relevant Cost Ac	counting Standards (48 CFR Chapter 99))	
V.E.2. The CPA revi	ewed the consu	ltant's direct cost accounts	for consistency and to obtain reasonable ass	surance that all direct	ct costs were
			consultant was eligible to bill for, or otherwi		
	1 /	3	,	,	
[] Yes	[] No		WORKPAPER REFE	RENCE: [1
• •				•	1
Comments:					
<u></u>					
VE2 10	1' 1 4b - CD A		1.'11'		
v.E.3. If applicable, o	iid the CPA rev	new the consultant's in-no	use billing rates to ensure the following?		
 Total usage 	e (direct and ir	ndirect) was included in t	he denominator.		
• If aumanaaa	onnonintad w	ith the development of th	a mata(a) warma a a aumay lated in the indines	t aget mool the inc	liment and mod
			e rate(s) were accumulated in the indirec		
		int of direct usage, regard	dless of whether the consultant was eligible	ble to bill for, or o	tnerwise
recover, su	en costs.				
• If the exper	nses were acci	umulated in separate clea	ring account(s), the indirect cost pool inc	cluded only indired	ct usage.
_		_		-	-
[] Yes	[] No	[] Not applicable	WORKPAPER REFE	RENCE: []
Comments:					
V F 4 If applicable	did the CDA ou	dit in house hilling rotes o	ompare the audited in-house rates to billing r	rates and ravise the	ratas as
		use copying/reproductions)		iales, and fevise the	rates as
necessary (e.g., CAD	D and/or m-not	use copyring/reproductions/			
[] Voc	f 1 No	[] Not applicable	WORKPAPER REFER	DENCE: 1	1
[] Yes	[] No	[] Not applicable	WORKFAFER KEI EI	VLIVOL. [,
<u>Comments</u> :					

Engineering Consultant:	DOT Reviewer:		
Audit Period (Fiscal Year): CPA Firm/Auditor:	Review Agency: Review Date:		
CPA FIRM/Auditor:	Review Date:		
V. CPA's AUDIT TESTING			
(Application of GAGAS, FAR Part 31, and relevant Cost	Accounting Standards (48 CFR Chapter 99))		
V.E.5. Did the CPA verify billings on other projects on a sar project was tested, note project/contract number and project following?	mple basis (i.e., Federal, State, local, or private/commercial projects)? If a State amount in spaces provided below. Did the CPA performed reconciliations of the		
Hours charged on billings to timesheets,			
Hourly rates billed to actual rates, and			
Hourly rates billed to contract maximums.			
[] Yes	WORKPAPER REFERENCE: [] State Project Number: [\$] State Project Amount: [\$]		

ring Consultant: eriod (Fiscal Year): m/Auditor:	DOT Reviewer: Review Agency: Review Date:	
A's AUDIT TESTING		
ation of GAGAS, FAR Part 31, and r	relevant Cost Accounting Standards (48 CFR Chapter 99))	
ST POOLING AND ALLOCATION I	METHODOLOGIES.	
contained in intermediate cost pools overheads) to the final indirect cost r CAS 418 (48 CFR 9904.418), include	(e.g., corporate expenses, fringe benefits, general and administrative, and se rate(s)? Specifically, did the CPA firm evaluate the homogeneity of the cost ding the relationship to the allocation base(s) used? Did the CPA conclude the	rvice specific pools as described in
		, did the CPA address
		gregated from the
were material in amount and had a n	naterial impact on the firm's indirect cost rates (specifically when the firm ha	
Overall, was the CPA's review ad Comments:	equate? [] Yes [] No WORKPAPER REFERENCE: [
	A's AUDIT TESTING Ation of GAGAS, FAR Part 31, and restrictions of CPA's workpapers include evidence ectives? (Consider the following in Was there evidence that the CPA ad contained in intermediate cost pools overheads) to the final indirect cost overheads) to the final indirect cost overheads) to the final indirect cost overheads (48 CFR 9904.418), including the consultant developed indirect the propriety of the cost pooling and For Other Direct Costs that were integeneral cost pool and were allocated. For Other Direct Costs that were interates, did the CPA determine that the under-allocation of actual costs? For internally-generated costs such a were material in amount and had a roverhead rate involving differentials. Overall, was the CPA's review additional contents of the cost of the	Review Agency: m/Auditor: Review Date: A'S AUDIT TESTING Intion of GAGAS, FAR Part 31, and relevant Cost Accounting Standards (48 CFR Chapter 99)) INT POOLING AND ALLOCATION METHODOLOGIES. CPA's workpapers include evidence that costs were properly and consistently pooled and allocated to interectives? (Consider the following individual factors, but answer "yes" or "no," based on the overall conclusion was there evidence that the CPA addressed the propriety of the methodology used by the engineering consultant contained in intermediate cost pools (e.g., corporate expenses, fringe benefits, general and administrative, and set overheads) to the final indirect cost rate(s)? Specifically, did the CPA firm evaluate the homogeneity of the cost CAS 418 (48 CFR 9904.418), including the relationship to the allocation base(s) used? Did the CPA conclude the resulted in an equitable allocation of costs in relation to the benefits accrued by the cost objectives? If the consultant developed indirect costs rates for more than one region, reporting unit, or engineering discipline the propriety of the cost pooling and cost allocation methodologies used? For Other Direct Costs that were internally-generated, did the CPA determine that related costs were properly segmenal cost pool and were allocated to projects on a consistent basis? For Other Direct Costs that were internally-generated, accumulated in separate cost pools, and allocated based or rates, did the CPA determine that the consultant properly adjusted for/resolved material year-end variances result under-allocation of actual costs? For internally-generated costs such as company-owned vehicles, were such costs accumulated in separate cost powere material in amount and had a material impact on the firm's indirect cost rates (specifically when the firm had overhead rate involving differentials in the amounts of service-specific vehicle usage)? Overall, was the CPA's review adequate? [] Yes [] No WORKPAPER REFERENCE: [

-	ing Consul			DOT Reviewer:			
Audit Period (Fiscal Year):			Review Agency:				
CPA Firm/Auditor:				Review Date:			
		TESTING					
			rt 31, and relevant Cost Accounting	standards (48 CFR Chapter 99))			
	Did the wo	erlying books	ude evidence that the CPA determined	that costs contained in the indirect cost rate schedule al statements, trial balances, tax returns (IRS Form 9			
	[] Yes	[]	No	WORKPAPER REFERENCE: [1		
•				or sensitive (LDS) transactions that were removed/srce documents? (See AASHTO Guide Chapter 10.)	tratified for		
	[] Yes	[]	No	WORKPAPER REFERENCE: [1		
•			ditional testing beyond the LDS items. and criteria used to select the items teste	did the CPA's workpapers document the sampling d? (See AASHTO Guide Chapter 10.)	parameters used,		
	[] Yes	[] No	[] Not applicable	WORKPAPER REFERENCE: []		

Engineering Cons	Suitant.			DOT Reviewer:	
Audit Period (Fisc	al Year):			Review Agency:	
CPA Firm/Auditor	r:			Review Date:	
			Compensation nt Cost Accounting Standar	ds (48 CFR Chapter 99))	
allowability (incluinclude the follow (1) salary,	ding reasonablening: entive compensate the costs, albor, and rect costs.	ess) of types or g		should include evidence that the CPA catest potential impact on the overhear	
V. CPA's AUD	IT TESTING	: Executive	Compensation		
			nt Cost Accounting Standar	ds (48 CFR Chapter 99))	
	CPA's workpaper	s include eviden		ant reviewed executive compensation, did the consultant disclose the follow	
Item 3: 1 Item 4: 7 Item 5: 7 Item 6: 7 Item 8: 7	Fotal wages/salar Fotal bonuses pai Fotal employer co Fotal of Items 4 th The applicable re Imount from the 1	ies paid, includir d. ontributions to de arough 6, above. asonableness me National Comper	asure/amount from the consult isation Matrix (NCM).	ns (whether paid, earned, or otherwis ant's analysis, or other benchmark, so the indirect labor or bonus line item.	uch as the applicable
<u>Comments</u> :	[] Yes	[] No		WORKPAPER REFERENCE: []
<u>V.H.1.b.</u> Did the 0	Verify that the adjustment of p	orior years' sala	ries or wages?	current year and did not constitute WORKPAPER REFERENCE: [1
_	compliance wi	cific elements of th FAR part 315		llocable, allowable and reasonable	ın
<u>Comments</u> :	[] Yes	[] No		WORKPAPER REFERENCE: [1

Engineering Cor	sultant:			DOT Reviewer:		
Audit Period (Fis	cal Year):			Review Agency:		
CPA Firm/Audito	or:			Review Date:		
			Compensation nt Cost Accounting Standa	rds (48 CFR Chapter 99))		
V.H.1.c. Did the	CPA:					
-	Verify that the previously in l		perly compared executive co	ompensation amounts to the benchm	arks discussed	
	[] Yes	[] No	[] Not applicable	WORKPAPER REFERENCE: []	
-	(a) used nation		er: salary survey data to k here, if applicable: []			
	(b) applied the		ount from the NCM? c here, if applicable: []			
-			s/incentive compensation pled to staff, and used in dete	lan to ensure that objective, performation to ensure that objective, performation in the second section is a second second section.	ance-based criteria	
	[] Yes	[] No	[] Not applicable	WORKPAPER REFERENCE: [1	
-			s/incentive compensation pl distribution of profits?	lan to determine if any portion of the	bonus paid was a	
	[] Yes	[] No	[] Not applicable	WORKPAPER REFERENCE: []	
<u>Comments</u> :						

Audit Period (Fiscal Y CPA Firm/Auditor:		DOT Reviewer Review Agency Review Date:	
Or / Cr mm/, counter			
(Application of GA		vant Cost Accounting Standards (48 CFR C	hapter 99))
If the Consultant cla		" or "no," based on overall conclusion.) did the CPA verify that the Consultant's performa Guide?	ance analysis complied with the
•] No [] Not applica]
For example:			
Did the cons	ultant apply three (or more) finar	ncial performance measures as detailed in Chapter	r 7 of the AASHTO Guide?
 Did the cons 	ultant consistently use the same	criteria from a prior year (if superior performance	was claimed in the prior year)?
 Did the cons 	ultant use proxy data available fr	rom valid sources using the prescribed criteria in C	Chapter 7 of the AASHTO Guide?
Did the cons Amount (BC		e so as not to exceed the 75th percentile or the Fed	leral Benchmark Compensation
<u>Comments</u> :			
V.H.3. INDIRECT C	OST ACCOUNTS. (See AASH?	TO Guide, Chapters 4, 5, 8, and 10.)	
	A's workpapers include the follow	9	
		accounts the CPA deemed immaterial and therefore	
[] Yes <u>Comments</u> :	[] No :	WO	RKPAPER REFERENCE: []
<u></u>			
	sting of accounts reviewed with <u>a</u> nts against the auditor's expectation	analytical procedures (e.g., ratio analysis, and ye ions/predictions).	ar-over-year comparisons to measure
[] Yes	[] No	WO	RKPAPER REFERENCE: []
<u>Comments</u> :	:		

Engineering Consultant:	DOT Reviewer:
Audit Period (Fiscal Year):	Review Agency:
CPA Firm/Auditor:	Review Date:
V. CPA's AUDIT TESTING: Indirect Cost Testin (Application of GAGAS, FAR Part 31, and relevant	ng It Cost Accounting Standards (48 CFR Chapter 99))
 <u>V.H.3.a.3</u>. A listing of accounts selected for <u>details</u> of the AASHTO Guide. 	ed testing, using the large dollar or sensitive (LDS) criteria discussed in Chapter 10.4
[] Yes [] No <u>Comments</u> :	WORKPAPER REFERENCE: []
V.H.3.b. Did the CPA's workpapers adequately address FAR 31.2 Cost Principles? Specifically, did the CPA	the <i>allowability</i> (including <i>reasonableness</i>) of indirect costs in accordance with the perform the procedures to ensure that:
 Payroll taxes reconciled to applicable tax returns Comments: 	s. [] Yes [] No WORKPAPER REFERENCE: []
Note: Details and comments may be provided may be considered in reaching a conclusion Accordingly, Table V.3 should not be consideremination should be based on a comprodiscretion and professional judgment of the comment of the comm	a high risk of potential misstatement. Overall Conclusion: [] Yes [] No ded in Table V.3; however, note that Table V.3 is only a sample format that in regarding the adequacy of the CPA auditor's indirect cost testing. Trued as a mandatory, standard form. The cognizant reviewer's overall rehensive review of the CPA's indirect cost testing, in totality. Based on the he cognizant reviewer, the table should be modified/tailored, as ose to use a narrative format to summarize the content and adequacy of
items tested by the CPA may vary, depending on the CF	/line items were excerpted from Section 10.4.B of the AASHTO Guide; however, the PA's risk assessment and application of professional judgment. If the CPA excluded justification (if any) provided in the CPA's workpapers for the deviation from the list

Engineering Consultant:	DOT Reviewer:	
Audit Period (Fiscal Year):	Review Agency:	
CPA Firm/Auditor:	Review Date:	

Account Title or Line Item	No. of Items Tested and \$ [Note 1]	Audit Findings? [Note 2]	Adequate Testing? [Note 3]	Key Attributes Tested by CPA and DOT Reviewer's Comments
Printing/Reproduction		[] Yes [] No [] N/A	[] Yes [] No [] N/A	All direct costs were consistently allocated to cost objectives/projects and properly removed from the indirect cost pool. Comments: WORKPAPER REFERENCE: [
Dues and Subscriptions		[] Yes [] No [] N/A	[] Yes [] No [] N/A	Costs removed for country club dues, Political Action Committee (PAC) contributions and other lobbying costs, scholarship donations, and non-business purchases. Comments: WORKPAPER REFERENCE: [
Travel		[] Yes [] No [] N/A	[] Yes [] No [] N/A	 All entertainment costs, alcoholic beverages, and personal charges were removed fror the indirect cost pools (FAR 31.205-14 & -51). Costs for personal usage of company cars were removed from the indirect cost pool (FAR 31.205-6(m)(2)). (This is required regardless of whether the costs were reported as taxable income to the employees.) Travel costs complied with the limits set by 41 CFR Chapters 300 – 304, the Federal Travel Regulation (as incorporated in FAR 31.205-46). The consultant treated direct travel costs consistently, regardless of contract type or customer, and these costs were not duplicated in any indirect cost pool (FAR 31.202(a & 31.203(b)). Comments: WORKPAPER REFERENCE: [
Seminars and Conventions		[] Yes [] No [] N/A	[] Yes [] No [] N/A	Costs removed for sponsorships, golf fees, door prize donations, entertainment, and boor rental costs. Comments: WORKPAPER REFERENCE: [
nsurance		[] Yes [] No [] N/A	[] Yes [] No [] N/A	Premiums were allocable to period covered by the indirect cost rate schedule being audited. Group insurance was reviewed in accordance with FAR 31.205-19. Self-insurance was reviewed for compliance with FAR 31.205-19. Life insurance for key personnel (e.g., owners/principals and related parties) reviewed for compliance with FAR 31.205-19 (allowable only to the extent the premiums represent additional compensation; costs unallowable if the company is the beneficiar Review to ensure professional liability insurance expense does not include settlement costs, costs to correct defects in design, etc. WORKPAPER REFERENCE: []
Professional and Consultant Service Costs		[] Yes [] No [] N/A	[] Yes [] No [] N/A	 Organization and reorganization costs (FAR 31.205-27), bad debt collections (FAR 31.205-3), and costs associated with other unallowable, related activities were proper disallowed. Costs for services provided were accompanied by adequate billing detail. Retainer fees (FAR 31.205-33) reviewed to ensure services provided were necessary and customary, sufficient detail was provided by service provider, and unallowable activities were identified and disallowed. Comments: WORKPAPER REFERENCE: [
Rent		[] Yes [] No [] N/A	[] Yes [] No [] N/A	- Facilities/real estate and personal property costs were reviewed for common control, a the Consultant properly limited expenses for controlled assets to the allowable cost of ownership as discussed in FAR 31.205-36. - Leases reviewed to ensure that only costs for business-use assets were claimed on the indirect cost rate schedule. - Costs associated with sublet, idle, or otherwise unallocable space were identified and disallowed (FAR 31.205-17). Comments: WORKPAPER REFERENCE: []

Engineering Consultant:			DOT Reviewer:		
Audit Period (Fiscal Year):			Review Agency:		
PA Firm/Auditor:			Review Date:		
WORKPAPER REFI	ERENCE-1	v1			
. CPA's AUDIT TESTING: In					
		nt Cost Ac	counting Standards (48 CFR Chapter 99))		
Depreciation	[] Yes [] No [] N/A	[] Yes [] No [] N/A	 The amount on the indirect cost rate schedule was properly limited to the amount used for financial reporting purposes (no I.R.C. Section 179 write-offs or special tax depreciation are permitted). The depreciation amount was net of personal-use (nonbusiness) assets and assets that were not allocable to the consultant's A/E business. Costs for luxury vehicles were reviewed for reasonableness (FAR 31.205-3). Depreciation was computed consistently from year to year across all departments and business segments (FAR 31.205-11). Comments: WORKPAPER REFERENCE: [
Employee Morale and Related Costs	[] Yes [] No [] N/A	[] Yes [] No [] N/A	Reviewed for unallowable entertainment costs per FAR 31.205-14 (e.g., parties, picnics, outings, and sporting events); unallowable gifts; and other allowable costs per FAR 31.205-13. See also DCAA CAM Sections 7-2103(e)(3) & (4). Comments: WORKPAPER REFERENCE: []		
Miscellaneous Expense		.	Reviewed for allocability, reasonableness, business purpose, direct costs, etc.		
wiscellaneous Expense	[] Yes [] No [] N/A	[] Yes [] No [] N/A	Comments: WORKPAPER REFERENCE: []		
Subcontractors/Outside Consultants	[] Yes [] No [] N/A	[] Yes [] No [] N/A	Reviewed for proper segregation between direct and indirect, business purpose and allowability of activities performed, and reasonableness. Comments: WORKPAPER REFERENCE: []		
Other/Miscellaneous Income	[] Yes [] No [] N/A	[] Yes [] No [] N/A	Reviewed for any amounts that should be credited to an indirect cost account. Comments: WORKPAPER REFERENCE: []		
Gains on Sale of Assets	[] Yes [] No [] N/A	[] Yes [] No [] N/A	Reviewed for proper credit on gains on sale of assets originally presented as part of the depreciation expense cost. WORKPAPER REFERENCE: []		
Losses on Sale of Assets	[] Yes [] No [] N/A	[] Yes [] No [] N/A	Reviewed to ensure reporting within the year the transaction occurred, appropriate calculation, appropriate application of credit or charge to the cost grouping(s) in which the depreciation or amortization was originally posted, and appropriate posting of cash awards. WORKPAPER REFERENCE: []		
Other Accounts Reviewed	[] Yes [] No [] N/A	[] Yes [] No [] N/A	List any other accounts or lines items tested in detail. Describe the procedures performed and conclusions. Comments: WORKPAPER REFERENCE: []		

³ Although the cost items listed in Table V.3 will not necessarily constitute high-risk areas in all engagements, the auditor should consider the key high-risk attributes/factors in deciding which accounts to examine in detail. The auditor should expand or reduce the list as appropriate for each engagement. The State DOT reviewer should review the auditor's risk assessment and general testing approach to ensure the high-risk factors were adequately considered. As noted previously, the use of Table V.3 is not mandatory—cognizant reviewers should develop language and descriptions appropriate to describe their overall conclusion regarding the adequacy of the CPA auditor's indirect cost testing.

Engineering Consultant:	DOT Reviewer:	
Audit Period (Fiscal Year):	Review Agency:	
CPA Firm/Auditor:	Review Date:	
V 45 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
V. CPA's AUDIT TESTING: Indirect Cost Testing		
(Application of GAGAS, FAR Part 31, and relevant Co	ost Accounting Standards (48 CFR Chapter 99))	
Summary of Indirect Cost Testing and Results:		

Engineering Consultant:		DOT Reviewer:	
Audit Period (Fiscal Year):		Review Agency:	
CPA Firm/Auditor:		Review Date:	
V. CPA's AUDIT TEST		cost Testing nd relevant Cost Accounting Standards (48 CFR Chapter 9	1011
(Application of GAGAS	, FAR Part 31, ar	nu relevant cost Accounting Standards (40 CFK Chapter 3	9))
		n Base, Field Rate, and Elements of Audit Program	
		relevant Cost Accounting Standards (48 CFR Chapter 99))	
		RECT-COST RATE COMPUTATION. ead rate consist only of direct labor (e.g., the base excluded fringe be	nofite and/or conorel and
administrative costs)?	ompute the overne	ead rate consist only of direct labor (e.g., the base excluded fininge be	nems, and/or general and
[] Yes	[] No	WORKPAPER REF	ERENCE: []
Comments:			
V.J. <u>FIELD RATE ACCO</u> Guide.)	UNTING. Did the in	indirect cost rate schedule include the calculation of a field rate? (Sec	e Chapter 5 of the AASHTO
, i		WORKDARE	DEFEDENCE :
[] Yes	[] No	ed the following factors in computing the field rate:	R REFERENCE: []
_			
V.J.1. Were costs that w		e cost pool properly included in that cost pool?	
[] Yes	[] No	[] Not applicable	
<u>Comments:</u>			
V.J.2. Were the following	ng field allocation p	percentages properly computed?	
 Direct field la 	bor to total direct la	abor.	
 Allocation of 	support service-spa	ace costs.	
[] Yes	[] No	[] Not applicable	
<u>Comments:</u>			
V.K. ELEMENTS OF THE	E CPA WORKPAR	PERS/AUDIT PROGRAM.	
V.K.1 . Was the CPA's a	udit program suffic	ciently detailed to support the audit conclusion?	
[] Yes	[] No	WORKPAPER	R REFERENCE: []
<u>Comments:</u>			

Engineering Consultant: Audit Period (Fiscal Year): CPA Firm/Auditor:		Review	w Agency: w Date:	
		e, Field Rate, and Elements of Audi	_	
V.K.2. Did the audit pro		o the applicable Federal and state laws, reg		g., FAR Part
[] Yes	[] No		WORKPAPER REFERENCE: []
<u>Comments:</u>				
<u>V.K.3</u> . Were the summa easy to follow)?	ary or lead workpapers add	equately indexed and cross-referenced to su	upporting workpapers (i.e., were the	workpapers
[] Yes	[] No		WORKPAPER REFERENCE: [1
<u>Comments:</u>				
V.K.4. Did the CPA inc the work performed? [] Yes Comments:	clude narratives/notes in th	e workpapers that, when reviewed together	r with the audit program, adequately WORKPAPER REFERENCE: [y described
 What procedu Did the CPA Did the CPA around: har data retention Did the CPA 1. Control En 	pers include evidence that ares did the CPA use to ever evaluate the adequacy of the evaluate the following: Evironment (management are thods (policies and processations, and	the CPA evaluated internal controls? Speci- aluate Internal Controls? the controls over the accounting system (e.g. the controls over the computer systems (e.g. protocol, activation/deactivation of employed	g., Payroll, Other Direct Costs, and g. Information Technology System	policies

Audit Period (Fiscal Year): Review Agency:	
CPA Firm/Auditor: Review Date:	
V. CPA's AUDIT TESTING: Allocation Base, Field Rate, and Elements of Audit Program (Application of GAGAS, FAR Part 31, and relevant Cost Accounting Standards (48 CFR Chapter 99))	
<u>V.K.6</u> . In conformance with GAGAS and SAS 99, did the CPA adequately consider factors related to fraud?	
[] Yes [] No WORKPAPER REFERENCE: []
<u>Comments:</u>	
V. REVIEW OF CPA's AUDIT TESTING: Cost Accounting Standards (CAS) (Application of GAGAS, FAR Part 31, and relevant Cost Accounting Standards (48 CFR Chapter 99))	
V.L. <u>COMPLIANCE WITH COST ACCOUNTING STANDARDS (CAS)</u> .	
Aside from the measurement, assignment, and allocability rules of selected Cost Accounting Standards (CAS) incorporate reference in FAR Part 31—	ed through
Total Chief In 17 In 1 and 31	
<u>V.L.1</u> . Did the workpapers address the extent of CAS coverage with which the consultant must comply; that is:	
- Full CAS coverage, or	
– Modified CAS coverage?	
[] Yes [] No WORKPAPER REFERENCE: []
<u>Comments:</u>	
VI 2 If we diffed CAC accounts and individual CDA's accommon address accountion as with the fallowing form standards from	CAC
<u>V.L.2</u> . If modified CAS-coverage applied, did the CPA's workpapers address compliance with the following four standards from 9904.400, as follows:	CAS
 9904.401: Consistency in estimating, accumulating and reporting of costs; 	
 9904.402: Consistency in allocating costs incurred for the same purposes; 	
 9904.405: Accounting for unallowable costs; and 	
- 9904.406: Cost accounting period?	
[] Yes [] No [] Not applicable WORKPAPER REFERENCE: []
<u>Comments:</u>	
Comments:	
Comments:	

Engineering Consultant:	DOT Reviewer:	
Audit Period (Fiscal Year):	Review Agency:	
CPA Firm/Auditor:	Review Date:	
·		
V. REVIEW OF CPA's AUDIT TESTING: Cost Accounting (Application of GAGAS, FAR Part 31, and relevant Cost Accounting the Cost Ac		
<u>V.L.3</u> . If full CAS coverage applied, did the CPA's workpap 9904.401 through 9904.420)?	ers address compliance with all applical	ble 9904 standards (Subparts
[] Yes [] No [] Not a Comments:	applicable WORKPAF	PER REFERENCE: []
VI. Reviewer's Final Determination		
VI.A. EXIT CONFERENCE. Discuss the results of the audit/review with the Consultant and disagreement. Ensure that the Consultant understands the result conference thoroughly.		
State DOT Workpaper Reference:		
Comments:		
VI.B. REVIEWER'S CONCLUSION STATEMENT.		
Based upon the application and performance of the steps within	n this work program:	
(1) The CPA's work demonstrated an: [] Acceptable lev	vel of compliance with FAR Part 31 and the	e AASHTO Audit Guide.
[] <u>Unacceptable</u>		
(2) Should follow-up audit work be recommended? [] Yes	[] No	
If "yes," then describe any issues that warrant addition	nal audit work:	
•		

Engineering Consultant: Audit Period (Fiscal Year): CPA Firm/Auditor:	DOT Reviewer: Review Agency: Review Date:	
VI.C. REVIEW MEMORANDUM. Issue review memorandum to Consultant incorporating above conclusion statement, observations, and recommendations. State DOT Workpaper Reference:		
VI.D. CONTACT INFORMATION. This CPA v	workpaper review program was completed and approve	d by—
State DOT Reviewer and Title: Signature: Date:		-
State DOT Supervisor and Title: Signature: Date:		

Engineering Consultant:	DOT Reviewer:		
Audit Period (Fiscal Year):	Review Agency:		
CPA Firm/Auditor:	Review Date:		
/II. Additional Notes			
This section may be used to document additional detain with the CPA.	ils regarding the CPA's labor testing and/or to compile notes for discussion		
- With the Cl A.			