

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: Public Works *CPM*

BOARD AGENDA # *C-5

Urgent Routine

AGENDA DATE December 16, 2008

CEO Concurs with Recommendation YES NO
(Information Attached)

4/5 Vote Required YES NO

SUBJECT:

Approval to Amend the Construction Contract with Agee Construction Corporation, Clovis, California, for the Stanislaus County Intersection Improvements - Phase 2: Santa Fe Avenue Bridge Widening and Retrofit Project

STAFF RECOMMENDATIONS:

1. Increase the appropriated funds for this contract by the amount of \$100,418.00 for the construction of the Stanislaus County Intersection Improvements - Phase 2: Santa Fe Avenue Bridge Widening and Retrofit Project.
2. Authorize the Director of Public Works to execute a contract change order (CCO) with Agee Construction Corporation for an additional \$100,418.00 and to sign necessary documents.
3. Direct the Auditor-Controller to make the necessary budget adjustments per the financial transaction sheet.

FISCAL IMPACT:

Costs associated to assure the delivery of this project in the amount of \$682,553.05 (\$476,395.50 contract, \$100,418.00 contract change order #1, \$38,100 construction quality assurance, \$20,000 material testing, and \$47,639.55 contract change orders and contingencies) will be satisfied with funds available from Regional Transportation Impact Fees. There will be no impact to the Stanislaus County General Fund.

BOARD ACTION AS FOLLOWS:

No. 2008-858

On motion of Supervisor Monteith, Seconded by Supervisor Grover

and approved by the following vote,

Ayes: Supervisors: O'Brien, Grover, Monteith, and Vice Chairman DeMartini

Noes: Supervisors: None

Excused or Absent: Supervisors: District Two vacant

Abstaining: Supervisor: None

1) Approved as recommended

2) Denied

3) Approved as amended

4) Other:

MOTION:

Christine Ferraro

ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

File No.

Approval to Amend the Construction Contract with Agee Construction Corporation, Clovis, California, for the Stanislaus County Intersection Improvements - Phase 2: Santa Fe Avenue Bridge Widening and Retrofit Project

DISCUSSION:

In January 2004, the Board of Supervisors approved the Public Works Road Congestion Relief Program. One of the projects approved under this program was the improvement of the Hatch Road at Santa Fe Avenue intersection. The proposed improvements consist of traffic signals, installation of left turn lanes, dedicated right turn lanes, upgrade of the railroad signals, pavement widening, traffic striping, and expansion of the existing TID canal bridge on Santa Fe Avenue near Hatch Road.

This phase of the project consists of the widening of the existing bridge on Santa Fe Avenue over the TID Ceres Main Canal to add one travel lane in the northbound direction allowing for a dedicated right turn lane that will be incorporated into the Hatch Road at Santa Fe Intersection Project that is scheduled for construction in 2009. The project proposed for the existing bridge wood railings to be replaced with concrete barriers. This project also proposed to provide seismic retrofit to the existing bridge to comply with the current seismic standards for bridges. This phase of the project needs to be constructed during the non-irrigation season that runs from November 1 to March 15 when there is no irrigation water in the canal.

On July 22, 2008, the Board of Supervisors approved and adopted the plans and specifications for the Stanislaus County Intersection Improvements - Phase 2: Santa Fe Avenue Bridge Widening and Retrofit Project and directed the Clerk to publish the notice inviting bids.

On September 24, 2008, seven sealed bids were received, publicly read and opened. Agee Construction Corporation was deemed the lowest responsive bidder with a bid of \$476,395.50. The engineers estimate for the project was \$500,000.

On October 28, 2008, the Board of Supervisors awarded this construction contract to Agee Construction Corporation.

When construction on this project began on November 24, 2008, it was discovered that the structural condition of the existing box culvert canal bridge is in much worse condition than anticipated. The existing pier walls, abutments, and girders had numerous areas of exposed and deteriorated steel reinforcement. The extent of deterioration continues to be an unknown. The existing structure is 90 years old. The method to correct the deficiencies is to chip away at the bad concrete and "chase" the cracks until the concrete is deemed good. The steel must be spliced and replaced where deteriorated. This tie-in and reinforcement is critical to meet the seismic structural standard. It is imperative that this bridge project be completed by the start of the 2009 irrigation season in February or March of 2009. Considering the already tight schedule, the risk is great that we will not be able to have the channel open for irrigation season if we continue with retrofitting the existing structure. There will be some risk with total replacement due to weather, however, new construction is much more predictable and controllable. The value of replacing the structure is greater than repair and widening the structure and, additionally will reduce maintenance for years to come.

Approval to Amend the Construction Contract with Agee Construction Corporation, Clovis, California, for the Stanislaus County Intersection Improvements - Phase 2: Santa Fe Avenue Bridge Widening and Retrofit Project

A contract change order in the amount of \$100,418 is necessary to complete the replacement of the existing box culvert canal bridge.

POLICY ISSUES:

The Board should consider if the recommended actions are consistent with its priorities of providing a safe community, a healthy community and a well-planned infrastructure system.

STAFFING IMPACT:

There is no staffing impact associated with this item.

**ATTACHMENTS AVAILABLE
FROM YOUR CLERK**

CB:la

L:\roads\9208 - hatch road at santa fe ave\construction division\board items\amend construction contract 12_16_08.doc

AUDITOR-CONTROLLER BUDGET JOURNAL



Balance Type	Budget
Category	Budget - Upload
Source	
Currency	USD
Budget Name	LEGAL BUDGET
Batch Name	
Journal Name	
Journal description	Transfer budget to the Hatch Road at Santa Fe Avenue Intersection Improvement Project
Period	JUL-08 to JUN-09
Organization	Stanislaus Budget Org

BO#

Line	Coding Structure						Debit		Credit		Description
	Fund 4	Org 7	Account 5	G/L Proj 7	Loc 6	Misc 6	incr appropriations decr est revenue	decr appropriations incr est revenue			
1	1102	40310	63280	9208	0	0.0	100,418.00				
2	1102	40310	63280	0	0	0.0		100,418.00			
3	1102	40310	46615	0	0	0.0	100,418.00				
4	1102	40310	46615	9208	0	0.0		100,418.00			
5						0					
6						.0					
7						.0					
8						.0					
9						.0					
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21						.0					
22						.0					
23						.0					
24						.0					
25						.0					
Totals								200,836.00	200,836.00		

Transfer budget to the Hatch Road at Santa Fe Avenue Intersection Improvement Project

Requesting Department	CEO	Auditors Office Only
Sharon Andrews		
Signature	Signature	Prepared By
12/9/08	12/12/08	Admin Approval (\$75K+)
Date	Date	Date
		12/9/08

Contact Person & Phone Number

**AUDITOR-CONTROLLER
STANDARD JOURNAL VOUCHER**



BATCH SCREEN

Batch: PW
 Period: Dec-08
 Description: _____

JOURNAL SCREEN

Journal: PW SKA JV
 Category: Chargeback
 Balance Type: A | A = Actual or E = Encumbrance
 Description: Transfer funds from RTIF to the Hatch Rd @ Santa Fe Intersection Improvement Project
 Control Total: 100,418.00

Line	Coding Structure						Debit	Credit	Description
	Fund 4	Org 7	Account 5	G/L Proj 7	Loc 6	Misc 6			
1	2400	61270	85850	0	0	0.0	100,418.00		
2	1102	40310	46615	9208	0	0.0		100,418.00	
3						0			
4						.0			
5						.0			
6						.0			
7						.0			
8						.0			
9						.0			
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22						.0			
23						.0			
24						.0			
25						.0			
26						.0			
27						.0			
Totals							100,418.00	100,418.00	

Explanation: Transfer funds from RTIF to the Hatch Rd @ Santa Fe Intersection Improvement Project

Departments Outside Auditors' Office

SHARON ANDREWS *[Signature]*
 Prepared by _____
 12/9/08
 Date _____

[Signature]
 Supervisor's Approval
 12/9/08
 Date _____

Auditors Office Only

[Signature]
 Prepared By _____
 Admin Approval (\$75K+)
 12/9/08
 Date _____

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

CONTRACT CHANGE ORDER

CEM-4900 (REV 05/2001) CT# 7541-3501-0

Sheet 1 of 1

Change Requested by: engineer contractor

CCO NUMBER CCO-01	SUPL. NUMBER	CONTRACT NUMBER Sante Fe @ Hatch	ROAD Phase 2 - Santa Fe Bridge Widening	FEDERAL NUMBER(S) Project 9208
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TO Agee Construction Corporation, Christopher M. Hickey contractor

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract. **NOTE: This change order is not effective until approved by the engineer.**

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. The last percentage shown is the net accumulated increase or decrease from the original quantity in the engineer's estimate.

A. ITEM DESCRIPTION

Change Order Number 01 provides for the elimination of bid items number 39 through 46 and the addition of bid item number 50 (New Box Culvert). Bid item number 50 will be paid as a final pay item.

Bid item number 47 (Concrete Channel Lining) shall also be paid as a final pay item.

B. ITEM COST SUMMARY

The adjustment in compensation will be based on a agreed upon lump sum price as shown in the proposal submitted by Agee Construction Corporation dated December 8, 2008 (see attached).

Records and cost calculations for the lump sum agreed price are on file with the project records. The contractor agrees to accept and receive the lump sum of \$100,418.00 as full compensation for the extra cost of removing the existing bridge structure and furnishing & installing concrete box culverts.

An additional 14 calendar days will need to be added to the contract in order to perform the work described above.

Estimated Cost: Decrease Increase \$100,418.00

By reason of this order the time of completion will be adjusted as follows: 14 additional calendar days.

SUBMITTED BY		
SIGNATURE 	(PRINT NAME & TITLE) Paul Saini, Associate Civil Engineer/Resident Engineer	DATE 12/09/2008
APPROVAL RECOMMENDED BY		
SIGNATURE 	(PRINT NAME & TITLE) Chris Brady, Senior Civil Engineer	DATE 12/09/2008
ENGINEER APPROVAL BY		
SIGNATURE	(PRINT NAME & TITLE) Matthew Machado, Director of Public Works	DATE 12/09/2008

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above. **NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specification as to proceeding with the ordered work and filing a written protest within the time therein specified.**

CONTRACTOR ACCEPTANCE BY		
SIGNATURE 	(PRINT NAME & TITLE) CHRISTOPHER M. HICKEY CHIEF ENGINEER	DATE 12-9-08

RS

COPY



December 8, 2008

Stanislaus County
Department Public Works
Engineering & Operations Division
1716 Morgan road
Modesto, CA 95358

Attn: Paul Saini
Re: Santa Fe Ave. Bridge Widening
Remove and Replace Box Culvert Proposal

Gentlemen,

As discussed on site yesterday morning, Agee Construction is providing a price to remove and replace the existing Box Culvert. The conditions of this proposal will be as follows:

Conditions of Construction:

- The box culvert construction will be the same as the bridge widening. The western limit will now be the layout of the western edge of the existing structure.
- The edge of deck detail will be eliminated to minimize the flow restriction.
- The western wingwalls to be removed and will be constructed with the layout of the existing wingwalls with the design to match the eastern wingwalls.
- The subgrade over excavation and stabilization will match that that was required for the new box portion of the project with one exception. The rubble from the existing bridge removal will be used to stabilize the subgrade and will be topped with approximately 24 in. maximum of base rock.
- The utility pole located in the southwest corner to be relocated or stabilized by others.
- Agee construction will be completed with the work impacting the canal within 6 weeks. This is weather dependent. The remainder of the project can be completed outside of canal flow impact.
- We are expecting 60 calendar days required for the closure of Santa Fe Ave. This will be weather dependent as the road work can be very weather dependent.

The proposal will be unit price based with final pay quantities for all new items. Existing bid items will be used as much as possible and items to be eliminated will be deleted.

The total revised contract amount is \$ 576,813.50, the breakdown is attached. This is an increase from the original contract of \$ 100,418.00. The price of Item 50, New Box

COPY

Culvert, includes the reinforcing steel. We will need no be given approval of this proposal in time to start work no later than December 15, 2008.

Please review the above conditions and contact me with any questions at (559) 299-3290 ext 119 or cell (559) 647-8151.

Sincerely,



Christopher M. Hickey
Chief Engineer
Agee Construction Corp.

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12/8/2008
 Cost Proposal Breakdown
 Remove and Replace Box Culvert

Project 08.09 - Santa Fe Intersection

Item No	Description	Budget Quantity	UOM	Unit Price	Original Budget Revenue	Proposed Quantity	Revised UOM	Proposed Unit Prices	Revised Proporsal Total	
001	Mobilization	1.0000	LS	45000.00	45,000.00	1.00	LS	45000.00	\$ 45,000.00	
002	Traffic Control	1.0000	LS	20000.00	20,000.00	1.00	LS	20000.00	\$ 20,000.00	
003	Construction Staking	1.0000	LS	5000.00	5,000.00	1.00	LS	5000.00	\$ 5,000.00	
008	Remove AC Berm	164.0000	LF	5.00	820.00	164.00	LF	5.00	\$ 820.00	
011	Concrete	2,933.0000	SF	2.50	7,332.50	2,933.00	SF	2.50	\$ 7,332.50	
013	Remove and Salvage Signs	1.0000	EA	300.00	300.00	1.00	EA	300.00	\$ 300.00	
015	Asphalt Concrete	188.0000	TN	155.00	28,830.00	188.00	TN	155.00	\$ 28,830.00	
016	Aggregate Base	60.0000	TN	50.00	3,000.00	60.00	TN	50.00	\$ 3,000.00	
018	Earthwork	30.0000	CY	225.00	6,750.00	30.00	CY	225.00	\$ 6,750.00	
019	Import/Export of Soil (Import)	30.0000	CY	70.00	2,100.00	30.00	CY	70.00	\$ 2,100.00	
023	Erosion Control	1.0000	LS	1000.00	1,000.00	1.00	LS	1000.00	\$ 1,000.00	
025	Delineators	18.0000	EA	40.00	840.00	18.00	EA	40.00	\$ 840.00	
027	Lane Lines	722.0000	LF	2.50	1,805.00	722.00	LF	2.50	\$ 1,805.00	
030	Stop Legend	44.0000	SF	11.50	506.00	44.00	SF	11.50	\$ 506.00	
033	Temporary Culvert	175.0000	LF	25.00	4,375.00	175.00	LF	25.00	\$ 4,375.00	
034	Remove Concrete (Channel)	69.0000	CY	80.00	5,520.00	69.00	CY	80.00	\$ 5,520.00	
035	Bridge Removal	1.0000	LS	5500.00	5,500.00	1.00	LS	18000.00	\$ 18,000.00	
036	Temporary Earthen Cofferdam	135.0000	CY	65.00	8,775.00	135.00	CY	65.00	\$ 8,775.00	
037	Structure Excavation (Bridge)	82.0000	CY	100.00	8,200.00	82.00	CY	100.00	\$ 8,200.00	
038	Structure Backfill (Bridge)	50.0000	CY	200.00	10,000.00	50.00	CY	200.00	\$ 10,000.00	
039	Footing	17.0000	CY	705.00	11,985.00	.00	CY	0.00	\$ -	
040	Structural Concrete, Bridge	82.0000	CY	650.00	53,300.00	1.00	LS	228000.00	\$ -	
041	Cartridge	320.0000	EA	18.00	5,760.00	.00	EA	18.00	\$ -	
042	Drill & Bond Dowel	381.0000	LF	27.00	9,747.00	.00	LF	27.00	\$ -	
043	Dowels	474.0000	LF	60.00	28,440.00	.00	LF	60.00	\$ -	
044	Structural Concrete (Bridge)	124.0000	CY	735.00	91,140.00	.00	CY	0.00	\$ -	
045	Bar Reinforcing Steel (Bridge)	18,680.0000	LB	1.50	28,020.00	.00	LB	0.00	\$ -	
046	Culvert)	31,550.0000	LB	1.10	34,705.00	1.00	LS	123890.00	\$ -	
047	Concrete (Channel Lining)	51.0000	CY	450.00	22,950.00	18.00	CY	450.00	\$ 8,100.00	
048	Concrete Barrier (Type 732)	151.0000	LF	145.00	21,895.00	151.00	LF	145.00	\$ 21,895.00	
049	Detour	10.0000	DA	300.00	3,000.00	60.00	DA	300.00	\$ 18,000.00	
50	New Box Culvert (Proposed)	1.0000	LS	0.00	.00	1.00	LS	350885.00	\$ 350,885.00	
					476,395.50					\$ 576,813.50

Total Price Difference

\$ 100,418.00

**STANISLAUS COUNTY PUBLIC WORKS
ENGINEERING DIVISION
1716 MORGAN ROAD
MODESTO, CA 95358**

BOARD OF SUPERVISORS

2009 JAN 26 P 4: 10

TRANSMITTAL

Date: January 26, 2009
To: Suzi Seibert, Assistant Clerk of the Board
Re: Attachments for December 16, 2008, Item *C-5
From: Linda Allsop, Morgan Road
209-525-4157

Hi Suzi:

Board Item: Approval to Amend the Construction Contract with Agee Construction Corporation, Clovis, California, for the Stanislaus County Intersection Improvements – Phase 2: Santa Fe Avenue Bridge Widening and Retrofit Project

Attached is the following:

Contract Change Order #1

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION
CONTRACT CHANGE ORDER
CEM-4900 (REV 05/2001) CT# 7841-3801-0

Sheet 1 of 1

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APPROVAL RECOMMENDED BY		
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CONTRACTOR ACCEPTANCE BY		
SIGNATURE 	(PRINT NAME & TITLE) CHRISTOPHER M. HICKEY CHIEF ENGINEER	DATE 12-9-08

