

U.S. Department of Transportation Federal Highway Administration- California Division- Title 23 Damage Assessment Form (DAF)		DAF No. <input type="text"/> - NAP <input type="text"/> - 006 - 0	Sheet # 1 of 3 Federal Project # EO ER - ()
Applicant Napa County Public Works		County Napa Congressional districts 5	Disaster No. CA <input type="text"/> 1 <input type="text"/> 4 - <input type="text"/> 1 PR ER - ()
Location of Damage: <input type="text"/>		Per Site <input checked="" type="checkbox"/> or <input type="checkbox"/> Per Mile	Incident Date (mm/dd/yyyy) 08/24/2014 Inspection 09/25/2014
Name of Road/Bridge: OLD SONOMA ROAD		PM Begin: 0.78 PM Length: 175.00 PM End: 0.78 (in feet)	Federal-aid Highway? Y for yes, if no, ineligible for ER funds <input type="checkbox"/> Y <input checked="" type="checkbox"/>
Road/Bridge Data:	Bridge No. <input type="text"/>	Type: <input type="text"/>	Map No. 5K12
Traveled Way: Width 22 Type: PCC <input type="checkbox"/> AC <input checked="" type="checkbox"/> Gravel <input type="checkbox"/>	Shoulder: Width 12 Type: PCC <input type="checkbox"/> AC <input checked="" type="checkbox"/> Gravel <input type="checkbox"/>	Functional Classification Type: MAJOR COLLECTOR	Route # <input type="text"/>
Description of Damage:	Multiple deep longitudinal cracks about 1 inch thick along 175 LF on bike lane, shoulder and travel lane (impacting about 1750 SF pavement area) due to 2014 South Napa earthquake event (Magnitude 6.0).		

COST ESTIMATE			
Emergency Opening (EO)	Type of Repair	Description of Work	Cost Summary
Emergency Opening (EO)	EO- AGENCY FORCES CT Work Order #(s): _____ EA(s): _____	Roadway rehabilitation; See Sheet 2 for detailed project. Items and cost description.	PE <i>Adh</i> 3,868 3700
	EO- CONTRACT EO EA(s): _____		CE <i>Adh</i> 5,803 5550
			Construction <i>Adh</i> 38,682 37,002
NOTE: Environmental documentation for EO is required. It is generally started after work has begun.			R/W
Subtotal Emergency Opening			<i>Adh</i> \$48,354 46,252
Permanent Restoration (PR)	PR- CONSTRUCTION FA requires an approved PIF <input type="checkbox"/> Contract <input type="checkbox"/> FA PR EAs _____		PE 0
			CE 0
			Construction 0
NOTE: PRIOR AUTHORIZATION (APPROVED E-76) IS REQUIRED TO PROCEED WITH PERMANENT RESTORATION R/W & CONSTRUCTION			R/W
NOTE: Environmental clearance for permanent restoration is conducted through normal Federal-aid procedures			Subtotal Permanent Restoration \$0
Eligible	Signature	Date	PE Total <i>Adh</i> \$3,868 3700
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Local Agency (if applicable): <i>Mallika Ramachandran</i>	3/17/15	CE Total <i>Adh</i> \$5,803 5550
<input type="checkbox"/> Yes <input type="checkbox"/> No	Caltrans: <i>[Signature]</i>	4-6-15	R/W Total \$0
<input type="checkbox"/> Yes <input type="checkbox"/> No	FHWA: <i>[Signature]</i>	8/13/15	Construction Total <i>Adh</i> \$38,682 37,002
TOTAL ESTIMATE			<i>Adh</i> \$48,354 46,252

Agency sig. Name (print): Mallika Ramachandran, P.E. FHWA Sig. Name (print): _____
 CT signature Name (print): John Brewster DAF Prepared by (print): WILLIAM SILVA - GHD

Original: Caltrans District Copies: FHWA, Division of Local Assistance(local roads), Federal Resources (state hwy), HQ Major Damage Engineer (state hwy)
 *Write "N/A" in FHWA signature block if the project has no Federal ER funding or Federal ER funding delegated to the State.
 FHWA Signature: REQUIRED for all Federal Funded State projects REQUIRED for any Local Agency projects with 1) any BETTERMENT, 2) more than 2 ROW takes or 3) when paving is more than 50% of the Total Estimated Cost. Reminder: This DAF must be accompanied by photos of the damage.

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	Sheet # 2 of 3 Federal Project # EO ER - <input type="text"/> ()
	Disaster No. CA <input type="text"/> <input type="text"/> - <input type="text"/> PR ER - <input type="text"/> ()
	Agency EO Calc <input checked="" type="checkbox"/> EO contract <input type="checkbox"/> PR Calc <input type="checkbox"/>

Cost Estimate - November 2014					
DAF 6 - Old Sonoma Road, (MPM 00.78)					
NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
A	INITIAL RESPONSE REPAIR				
1	TEMPORARY REPAIR (EXCAVATE RAISED SECTIONS, FILL CRACKS AND SETTLEMENT)	1	LS	\$10,000.00	\$10,000
B	ADDITIONAL EO REPAIR REQUIRED - Excavated 10 inch and recompacted- Full depth 10" recompact and place 4 inch HMA				
	GENERAL CONDITIONS				
1	TRAFFIC CONTROL	1	LS	\$3,500.00	\$3,500
2	EROSION CONTROL	1	LS	\$2,500.00	\$2,500
3	MOBILIZATION	1	LS	\$3,300.00	\$3,300
	DEMOLITION				
4	PULVERIZE PAVEMENT SECTION	194	SY	\$15.00	\$2,917
5	SAWCUT	195	LF	\$2.00	\$390
	ROADWAY				
6	BASE PREPARATION	194	SY	\$10.00	\$1,944
8	CLASS 2 AGGREGATE BASE	54	CY	\$45.00	\$2,430
7	ASPHALT CONCRETE SURFACE	51	TON	\$120.00	\$6,132
	STRIPING				
8	REFLECTIVE TAPE - CENTERLINE	175	LF	\$3.00	\$525
	CONSTRUCTION SUBTOTAL				\$33,638
	100% 15% CONTINGENCY				3364 66,046
	TOTAL CONSTRUCTION				37,002 \$33,638
	PE 10%				3700 \$3,866
	CE 15%				5550 \$5,803
	TOTAL CONTRACT ALLOWANCE				46,252 \$48,994

Justifications/comments: Non-typical Scope, PE/CE Cost, Engineering

8-BIS

This site qualifies under EO 1 and EO 2. Emergency repair was required to make the road safe for drivers and bicyclists and protect the substructure for the winter season. The County applied immediate remedial improvements to address cracking and settlement or to remove raised pavements. It became apparent after couple of attempts of repair that the initial measures would not be sufficient as the ground kept shifting or the temporary "fix" was not an adequate solution as more failure was resurfaced and identified. Therefore, more extensive repair was done because of the upcoming winter season and to bridge the pavement and prevent additional substructure failure. Site required additional EO Repair - Excavated 10-inches and recompacted - Full depth 10-inch recompacting and placed 4-inch HMA. Based on the additional repairs of the existing damaged pavement, it is anticipated that the emergency repairs will provide the necessary roadway longevity and a permanent repair is not required at this time.

The County's approach to repair of this site provided a very cost effective approach by recycling existing site materials for use in the pavement section and reducing the amount of imported material. Along with the new HMA surface, this approach provided an efficient project delivery, minimized the extent of damage, and protected the roadway facilities from potential further damage and possible public injury or vehicle damage.

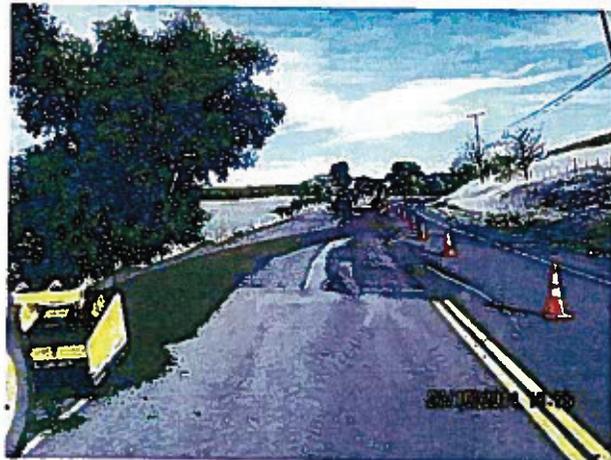
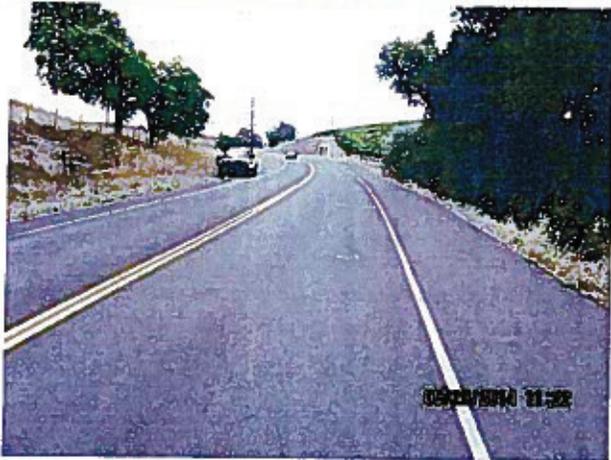
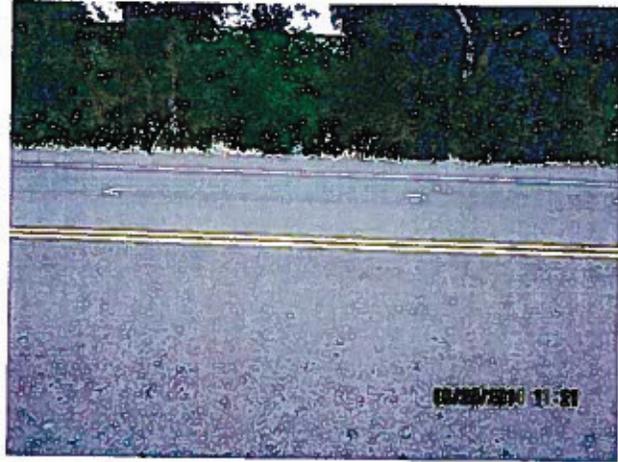
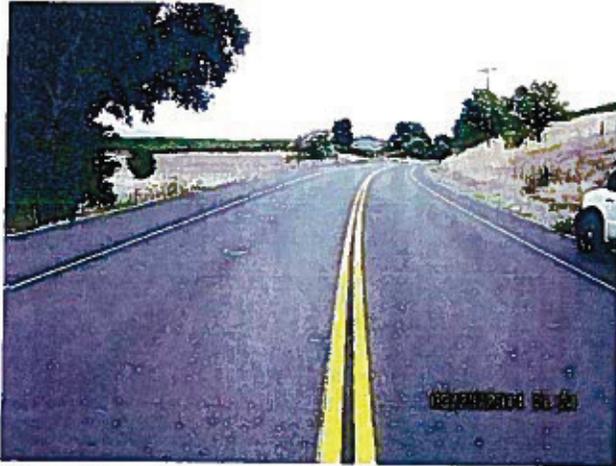
The County will submit EO - Initial Response Repair costs and additional repair costs as soon as all the cost is compiled and accounted.

County has initiated CEQA and have contacted Caltrans Environmental Department to initiate the NEPA process.

U.S. Department of Transportation Federal Highway Administration- California Division- Title 23 Damage Assessment Form (DAF)	DAF No. -		NAP	0	0	6	0	
	Sheet # 3 of 3	Federal Project # EO ER -						
	Disaster No. CA	1	4	-	1	PR ER -		
	Agency EO Calc	<input checked="" type="checkbox"/>		EO contract	<input type="checkbox"/>		PR Calc	<input checked="" type="checkbox"/>

Photos, Sketches and/or Narrative

Photo Description: Settlement/Depression and transverse cracks in pavement (impacting about 320 SF of pavement area).





Local Federal-Aid Project Finance Letter

EXHIBIT 3-O SAMPLE LOCAL FEDERAL-AID PROJECT FINANCE LETTER

DEPARTMENT OF TRANSPORTATION
DIVISION OF ACCOUNTING
LOCAL PROGRAM ACCOUNTING BRANCH

ATTN: RACHEL CARPENTER

Work on State Highway (Y or N): N If yes, provide following:

Administered by State or Local? _____
Project Manager Name: _____
Accounting Program Code(s): _____
Coop or Contribution Agrmt No.: _____

Date: 8/7/15
Agency: NAPA COUNTY
Fed Project No.: _____
Project ID: DAF 6 OLD SONOMA MPM 0.78
PPNO.: _____
Bridge No.: _____

PRELIMINARY ENGINEERING	CONSTRUCTION: EQ PR	TOTAL COST OF WORK	FEDERAL PARTICIPAT. COST	100% FEDERAL FUND TYPE (1)	88.53% FEDERAL FUND TYPE (2)	STATE MATCH FUNDS	LOCAL MATCH FUNDS	OTHER FUNDS
Preliminary Engineering: EMERGENCY OPENING		\$3,700	\$3,700	\$3,700			\$0	
Preliminary Engineering: PERMANENT RESTORATION		\$0	\$0	\$0			\$0	
State Furnished Preliminary Engineering								
Overhead at _____ %								
RIGHT OF WAY (R/W)								
Purchase Costs								
Relocation Assistance /Utility								
CONSTRUCTION: EQ PR								
Contract Items	\$33,638							
Utilities								
Supplemental Work								
Contingencies	\$3,364							
Trainees								
Agency/State Furn. Mat.								
Contract Total:		\$37,002	\$37,002	\$37,002			\$0	
		\$0	\$0	\$0			\$0	
CONSTRUCTION ENGINEERING								
Construction Engineering: EMERGENCY OPENING								
Construction Engineering: PERMANENT RESTORATION		\$5,550	\$5,550	\$5,550			\$0	
State Furnished Construction Engineering		\$0	\$0	\$0			\$0	
Overhead at _____ %								
State Furnished Materials Testing								
Overhead at _____ % Subjob								
Striping by Agency								
Force Account Work by Agency								
TOTALS:		\$46,252	\$46,252	\$46,252			\$0	

Federal Participation: _____
Federal Appn. Code(s): _____
Federal Reimbursement Rate(s) for Progress Invoice: _____
 Signature: *Mallika Ramachandran*
 Title: SUPERVISING CIVIL ENGINEER
 Project location: OLD SONOMA MPM 0.78, NAPA COUNTY
 Remarks: _____

I certify that this Finance Letter accurately reflects the current cost estimate for all phases of the project obligated but not fully expended.
 For questions regarding finance letter, contact:
 Printed Name: MALLIKA RAMACHANDRAN P.E.
 Telephone No.: 707-259-8194