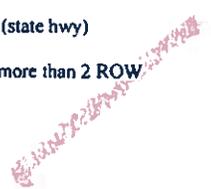


U.S. Department of Transportation Federal Highway Administration- California Division- Title 23 Damage Assessment Form (DAF)		DAF No. _____ - NAP _____ - 007 - 0	Sheet # 1 of 3 Federal Project # EO ER _____ ()
Applicant Napa County Public Works		County Napa Congressional districts 5	Incident Date (mm/dd/yyyy) 08/24/2014 Inspection 09/25/2014
Location of Damage: _____ Per Site <input checked="" type="checkbox"/> or <input type="checkbox"/> Per Mile		Federal-aid Highway? _____ Y for yes, if no, ineligible for ER funds <input checked="" type="checkbox"/> Y	
Name of Road/Bridge: OLD SONOMA ROAD		Map No 5K12	
PM Begin: 0.93 PM Length: 68.00 (in feet)		Functional Classification Type: MAJOR COLLECTOR	
PM End: 0.93		Route # _____	
Road/Bridge Data:	Bridge No _____ Type: _____	Forest Hwy? Y/N <input checked="" type="checkbox"/> N Interstate? Y/N <input checked="" type="checkbox"/> N	
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"/>	Existing ADT: 3,181	
Description of Damage:	Multiple deep longitudinal cracks over 1 inch thick, separation, displacement, and lifting along 70 LF on bike lane, shoulder and travel lane (impacting about 2300 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
	EO- AGENCY FORCES CT Work Order #(s): _____ EA(s): _____	Roadway rehabilitation; See Sheet 2 for detailed project. Items and cost description.	PE <i>See</i> 3,777 3613 CE <i>See</i> 5,666 5420 Construction <i>See</i> 97,774 36,137
EO- CONTRACT EO EA(s): _____		PE CE Construction	
NOTE: Environmental documentation for EO is required. It is generally started after work has begun.			R/W
Subtotal Emergency Opening			<i>See</i> \$47,217 45,161
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>See</i> 60,777 3613 CE Total <i>See</i> 56,666 5420 R/W Total \$0 Construction Total <i>See</i> 37,774 3612
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Local Agency (if applicable): <i>Mallika Ramachandran</i>	3/17/15	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Caltrans: <i>[Signature]</i>	4-6-15 <i>[Signature]</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	FHWA: <i>[Signature]</i>		
TOTAL ESTIMATE			<i>See</i> \$47,217 45,165

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.



U.S. Department of Transportation
 Federal Highway Administration-
 California Division- Title 23
 Damage Assessment Form (DAF)

DAF No. - NAP - 0 0 7 - 0
 Sheet # 2 of 3 Federal Project # EO ER - ()
 Disaster No. CA 1 4 - 1 PR ER - ()
 Agency EO Calc EO contract PR Calc

Cost Estimate
 DAF 7 - Old Sonoma Road, (MPM 00.93)

NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
A INITIAL RESPONSE REPAIR					
1	TEMPORARY REPAIR (EXCAVATE RAISED SECTIONS, FILL CRACKS AND SETTLEMENT)	1	LS	\$4,590.00	\$4,590
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	257	SY	\$15.00	\$3,853
5	SAWCUT	68	LF	\$2.00	\$136
ROADWAY					
6	BASE PREPARATION	257	SY	\$10.00	\$2,569
7	CLASS 2 AGGREGATE BASE	71	CY	\$45.00	\$3,210
8	ASPHALT CONCRETE SURFACE	68	TON	\$120.00	\$8,101
STRIPING					
9	REFLECTIVE TAPE - FOG LINE	272	LF	\$2.50	\$680
10	REFLECTIVE TAPE - CENTERLINE	136	LF	\$3.00	\$408
CONSTRUCTION SUBTOTAL					\$32,847
100% 15% CONTINGENCY					3285 \$4,027
TOTAL CONSTRUCTION					36132 \$27,774
PE 10%					3613 \$3,777
CE 15%					5420 \$5,556
TOTAL CONTRACT ALLOWANCE					45,165 \$47,210

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

JB 8-13-15

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.

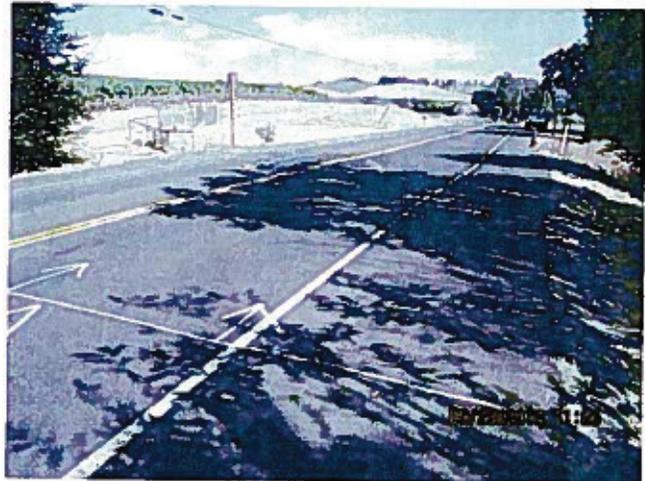
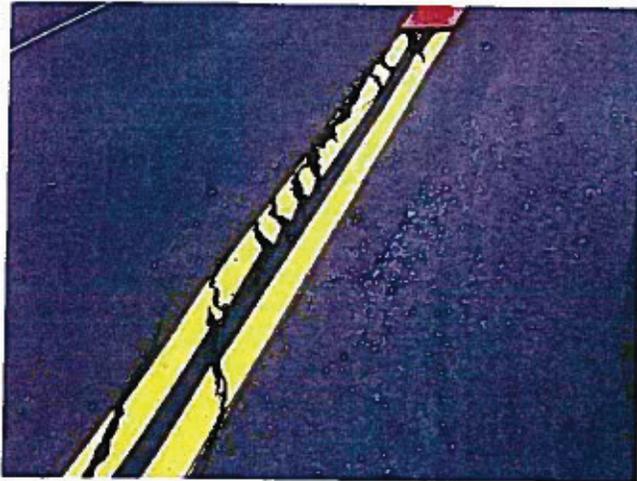
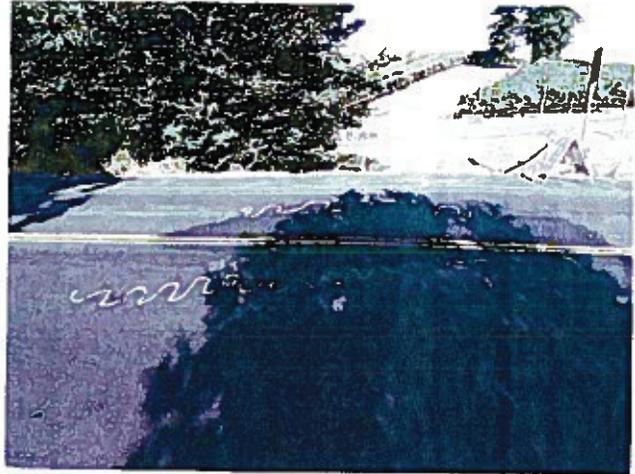
County has initiated CEQA and have contacted Caltrans Environmental Department to initiate the NEPA process.

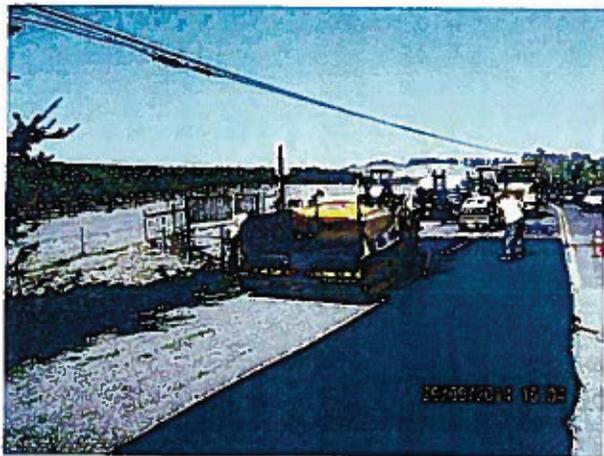
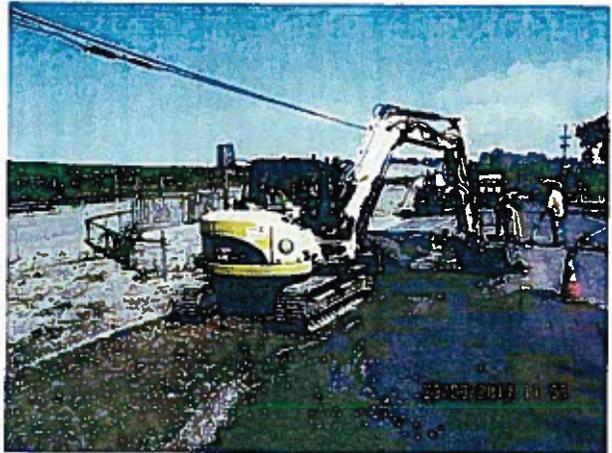
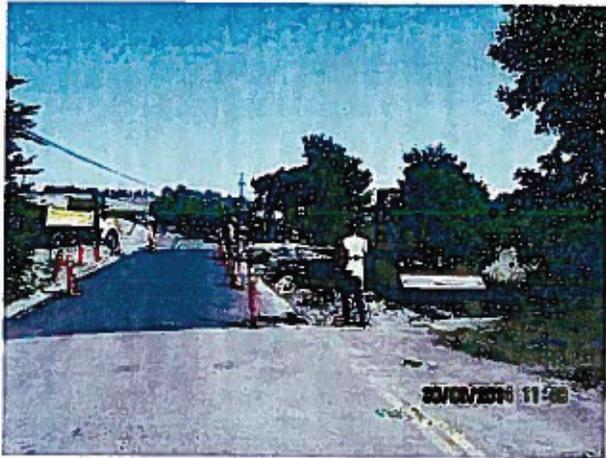
U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF No. - NAP - -
Sheet # 3 of 3 Federal Project # EO ER - ()
Disaster No. CA - PR ER - ()
Agency EO Calc EO contract PR Calc

Photos, Sketches and/or Narrative

Photo Description: Multiple deep longitudinal cracks over 1 inch thick, separation, displacement, and lifting along 70 LF on bike lane, shoulder and travel lane (impacting about 2,300 SF 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

Date: 8/7/15
 Agency: NAPA COUNTY
 Fed Project No.:
 Project ID: DAF 7 OLD SONOMA MPM 0.93
 PPNO.:
 Bridge No.:

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.:

"P" or "L" *
 TOTAL COST OF WORK
 FEDERAL PARTICIP. COST
 100% FEDERAL FUND TYPE (1)
 FEDERAL FUND TYPE (2)
 STATE MATCH FUNDS
 LOCAL MATCH FUNDS
 OTHER FUNDS

PRELIMINARY ENGINEERING	
Preliminary Engineering: EMERGENCY OPENING	
Preliminary Engineering: PERMANENT RESTORATION	
State Furnished Preliminary Engineering	
Overhead at _____ %	
RIGHT OF WAY (R/W)	
Purchase Costs	
Relocation Assistance /Utility	
CONSTRUCTION:	
Contract Items	<u>EO</u> <u>PR</u>
Utilities	\$32,847 \$0.00
Supplemental Work	
Contingencies	\$3,285
Trainees	
Agency/State Furn. Mat.	
Contract Total:	\$36,132
CONSTRUCTION ENGINEERING	
Construction Engineering: EMERGENCY OPENING	
Construction Engineering: PERMANENT RESTORATION	
State Furnished Construction Engineering	
Overhead at _____ %	
State Furnished Materials Testing	
Overhead at _____ %, Subjob _____	
Striping by Agency	
Force Account Work by Agency	
TOTALS:	\$0.00

Federal Participation: _____
 Federal Appn. Code(s): _____
 Federal Reimbursement Rate(s) for Progress Invoice:

PHASE	FED (1)	FED (2)
PE		
R/W		
CON	100	88.53%
CE		

Distribution: (1) Original + 4 copies-Caltrans DLAE
 (2) Copy-Local Agency Project File

P	\$3,613	\$3,613	\$3,613			\$0
P	\$0	\$0	\$0			\$0
P	\$36,132	\$36,132	\$36,132			\$0
P	\$0	\$0	\$0			\$0
P	\$5,420	\$5,420	\$5,420			\$0
P	\$0	\$0	\$0			\$0
P	\$45,165	\$45,165	\$45,165			\$0

I certify that this Finance Letter accurately reflects the current cost estimate for all phases of the project obligated but not fully expended.
 Signature: Mallika Ramachandran
 Title: SUPERVISING CIVIL ENGINEER
 Project location: OLD SONOMA MPM 0.93, NAPA COUNTY

* "P" = Pro Rata, "L" = Lump Sum
 For questions regarding finance letter, contact:
 Printed Name: MALLIKA RAMACHANDRAN, P.E.
 Telephone No.: 707-259-8194