

U.S. Department of Transportation Federal Highway Administration- California Division- Title 23 Damage Assessment Form (DAF)		DAF No. <u>RBS</u> - <u>LACO</u> - <u>003</u> - <u>0</u>
Sheet # 1 of <u>26</u>		Federal Project # EO ER - _____ ()
Disaster No. CA <u>13</u> - <u>2</u>		PR ER - _____ ()
Applicant <u>LA County Dept of Public Works</u>	County <u>Los Angeles</u>	Incident Date (mm/dd/yyyy) <u>05/30/2013</u> Inspection <u>11/25/13</u>
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 type="checkbox"/> Y
Name of Road/Bridge: <u>(X250000741, R8B556002, R8H556004, N8280007)</u>		Map No <u>13T41, 13T51</u>
PM Begin: <u>Lake Hughes Rd at M.M. 0.40</u> PM Length: <u>22,280</u> PM End: <u>Lake Hughes Rd at M.M. 4.62</u> (in feet)		Functional Classification Type: <u>Urban Collector</u>
Road/Bridge Data:	Bridge No <u>N/A</u> Type: _____	Route # _____
Traveled Way: Width <u>24</u> Type: PCC <input type="checkbox"/> AC <input checked="" type="checkbox"/> Gravel <input type="checkbox"/>	Shoulder: Width <u>0-20</u> Type: PCC <input type="checkbox"/> AC <input type="checkbox"/> Gravel <input checked="" type="checkbox"/>	Forest Hwy? Y/N <input type="checkbox"/> Y Interstate? Y/N <input type="checkbox"/> N Existing ADT: <u>644</u>
Description of Damage:	The 2013 Powerhouse Fire burned trees and vegetation causing large amounts of debris deposited in culvert inlets and outlets and emergency road closures and barricading.	

REC'D: 11/18/13 AS

COST ESTIMATE			
Emergency Opening (EO)	Type of Repair	Description of Work	Cost Summary
	Emergency Opening (EO)	EO- AGENCY FORCES CT Work Order #(s): _____	Emergency road closures, barricading and tree trimming and removals. Install K-rails. Mobilization, grading, and debris removal from culvert inlets and outlets. Replace traffic signs and markers.
EA(s): _____		CE 21,390	
EO- CONTRACT EO EA(s): _____		Construction 356,500	
NOTE: Environmental documentation for EO is required. It is generally started after work has begun.		R/W	6,000
		Subtotal Emergency Opening	\$433,800
Permanent Restoration (PR)	PR- CONSTRUCTION FA requires an approved PIF		PE
	<input type="checkbox"/> Contract <input type="checkbox"/> FA		CE
	PR EAs _____		Construction
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 \$49,910
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Local Agency (if applicable): <u>Ray Saleh pour</u>	<u>11/13/13</u>	CE Total \$21,390
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Caltrans: <u>Reynaldo B. Sarmiento</u>	<u>11/26/13</u>	R/W Total \$6,000
<input type="checkbox"/> Yes <input type="checkbox"/> No	FHWA*: <u>NOT APPLICABLE</u>		Construction Total \$356,500
TOTAL ESTIMATE			\$433,800

Agency sig. Name (print): Ray Saleh pour FHWA Sig. Name (print): NOT APPLICABLE
 CT signature Name (print): REYNALDO SARMIENTO DAF Prepared by (print): Tung Vu / Glenn Tony

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 # RBS - LACO - 0 0 3 - 0
Sheet # 3 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Barricades & road closures at various locations

Photo description:



Left - Lake Hughes Rd at
Ridge Route Rd

Below - Lake Hughes Rd at
Castaic Lake



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

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 4 of 26
Applicant
LA County Dept of Public Works

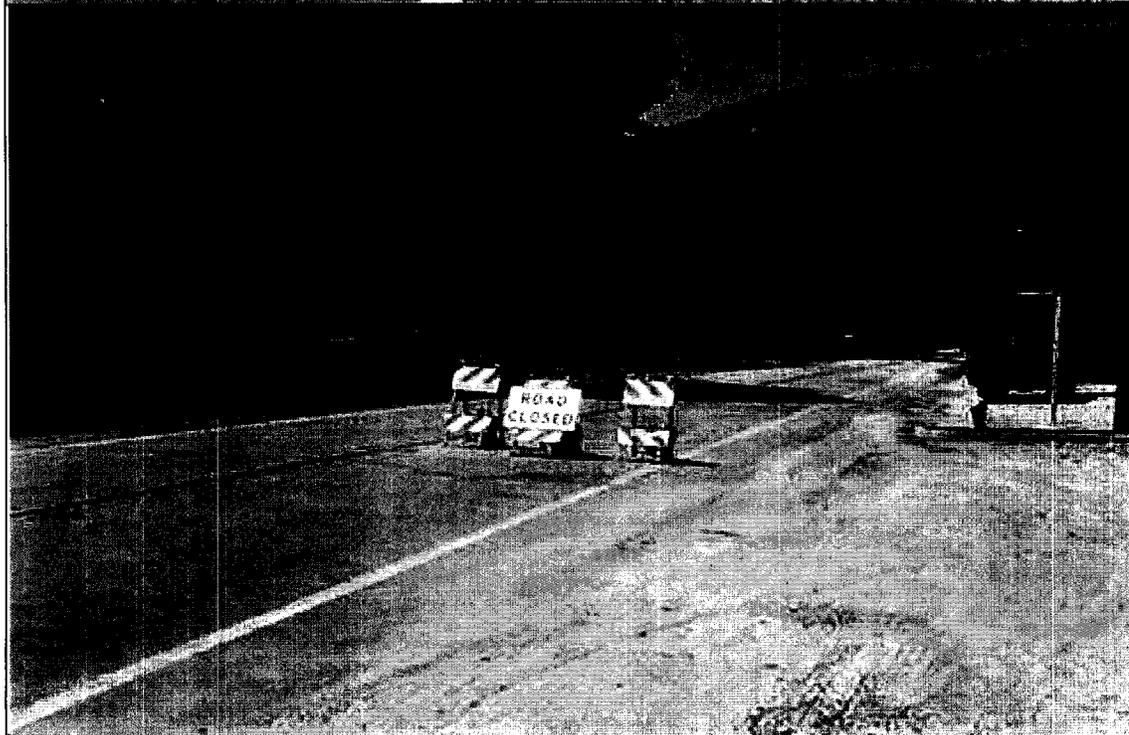
Photos, Sketches and/or Narrative

Photo description: **Barricades & road closures at various locations**



Left - Lake Hughes Rd at
Castaic Lake

Below - Lake Hughes Rd
at Elizabeth Road

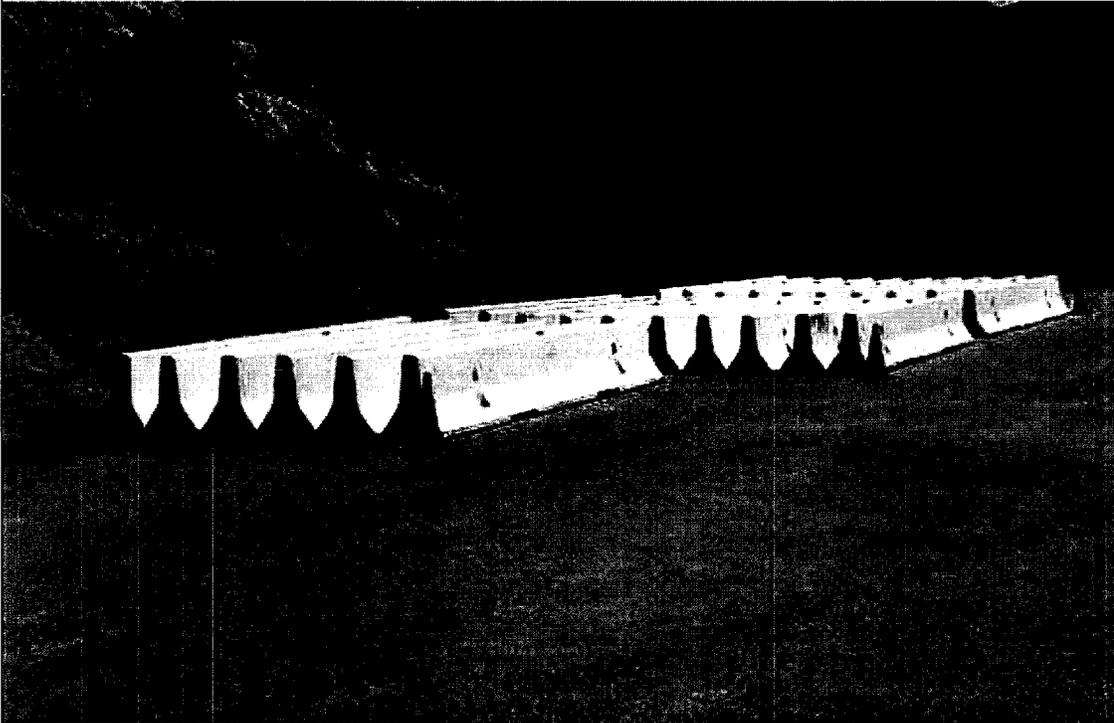


U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 5 of 26
Applicant
LA County Dept of Public Works

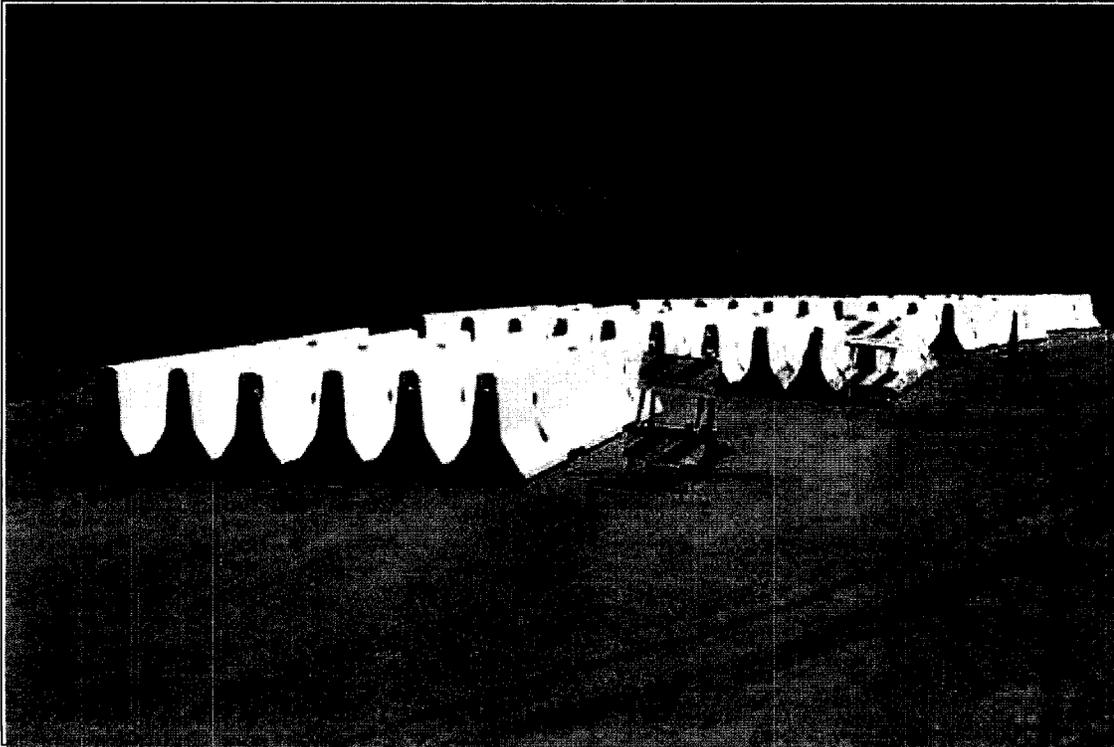
Photos, Sketches and/or Narrative

Photo description: **Barricades & road closures at various locations**



Left - K-rail stockpile on Lake Hughes Road

Below - K-rail stockpile on Lake Hughes Road



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

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 6 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Barricades & road closures at various locations

Photo description:



Left - Lake Hughes Rd at
MM 1.22 looking north

Below - Lake Hughes Rd
at MM 1.22 looking south



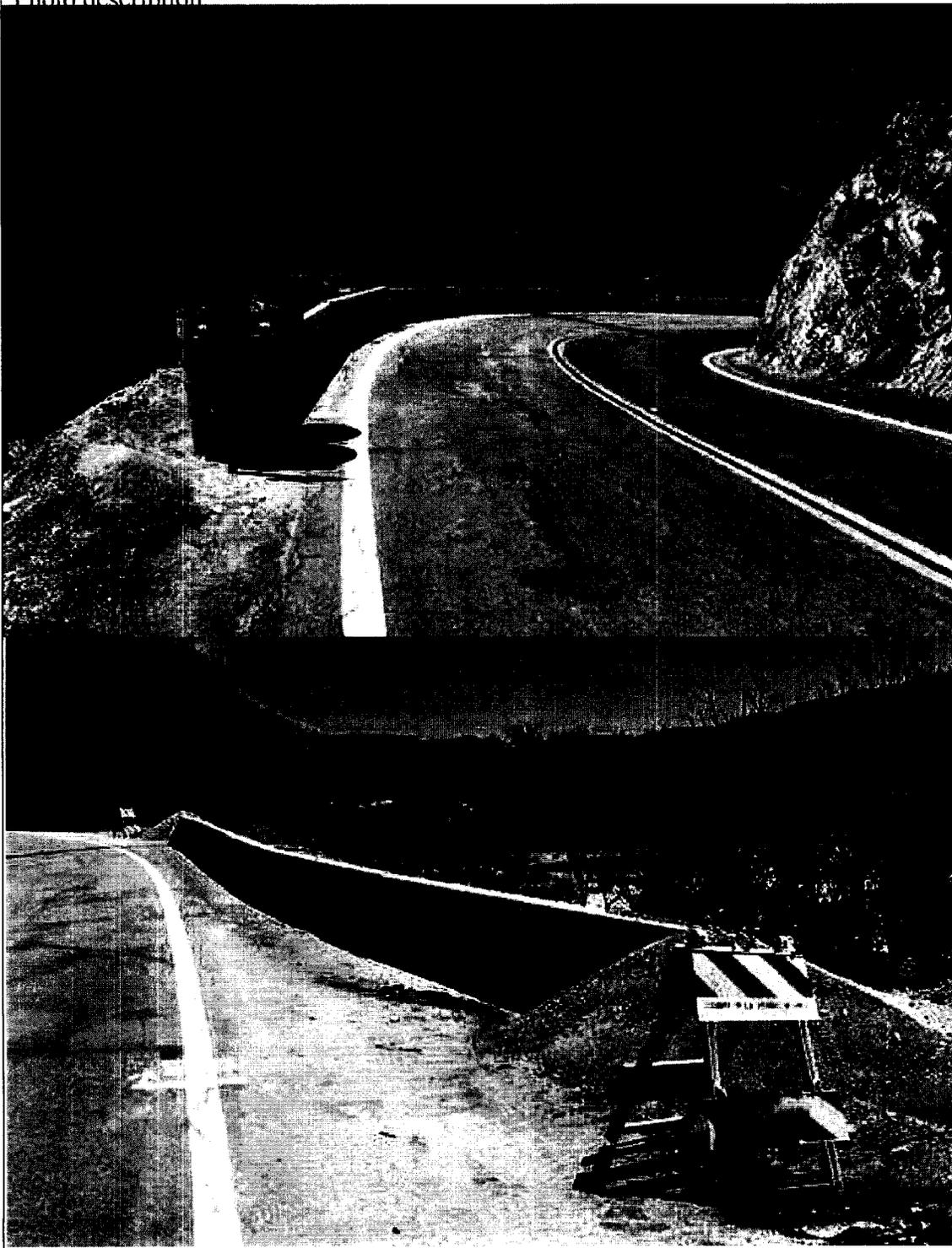
U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 7 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Barricades & road closures at various locations

Photo description:



Left - Lake Hughes Rd at
MM 1.22 looking south

Below - Lake Hughes Rd
at MM 1.81 looking south

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

DAF # RBS - LACO - 003 - 0
Sheet # 8 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Barricades & road closures at various locations

Photo description:



Left - Lake Hughes Rd at MM 1.81 looking south

Below - Lake Hughes Rd at MM 2.09 looking north

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

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 9 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Photo description: **Barricades & road closures at various locations**

Lake Hughes Rd at MM 2.09 looking south

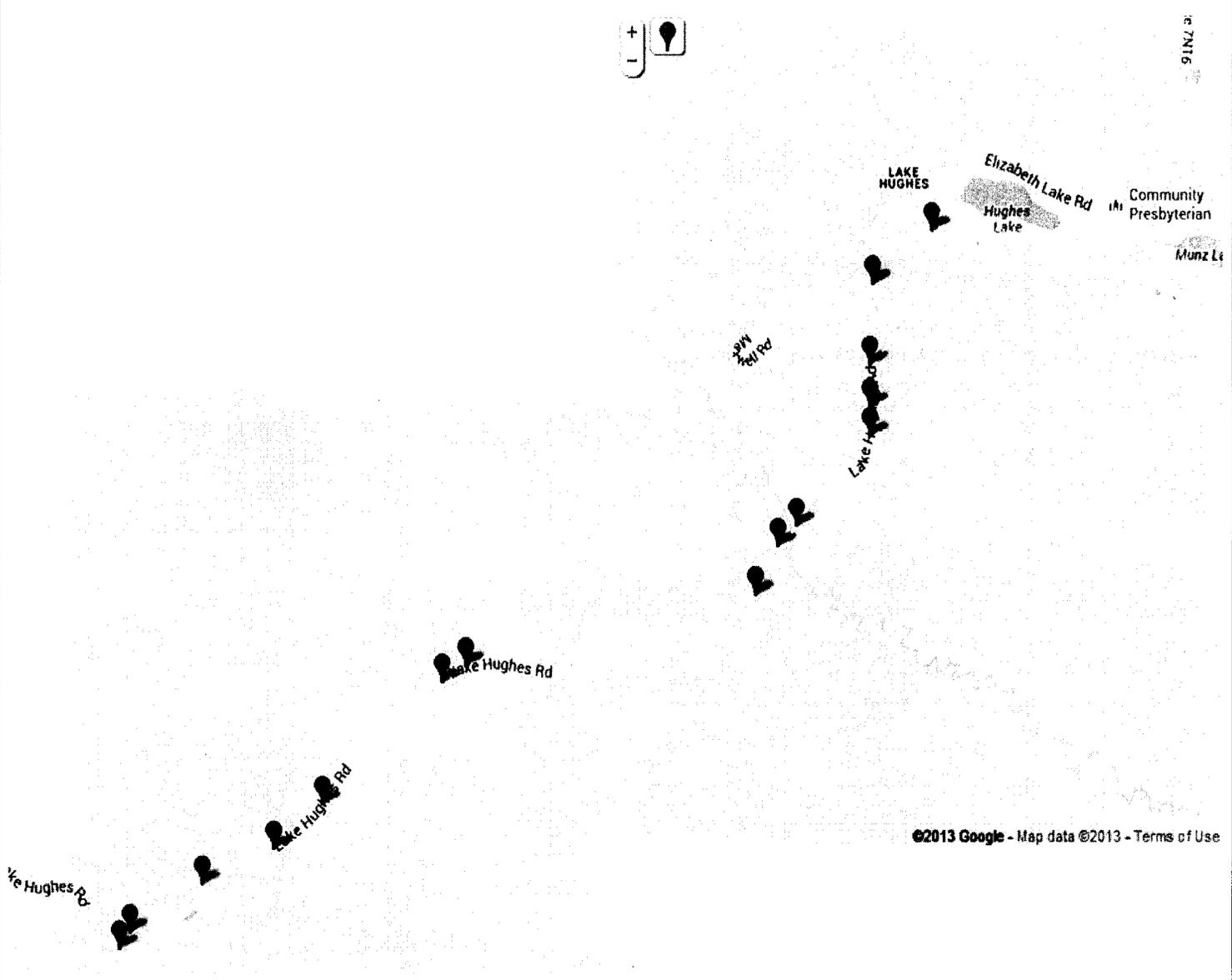


U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # RBS - LACO - 003 - 0
Sheet # 10 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Photo description: **Location map of tree removals**



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

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 11 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Tree removal at various locations

Photo description:



Left - Lake Hughes Rd at
MM 0.65

Below - Lake Hughes Rd
at 1300' S/o MM 0.65



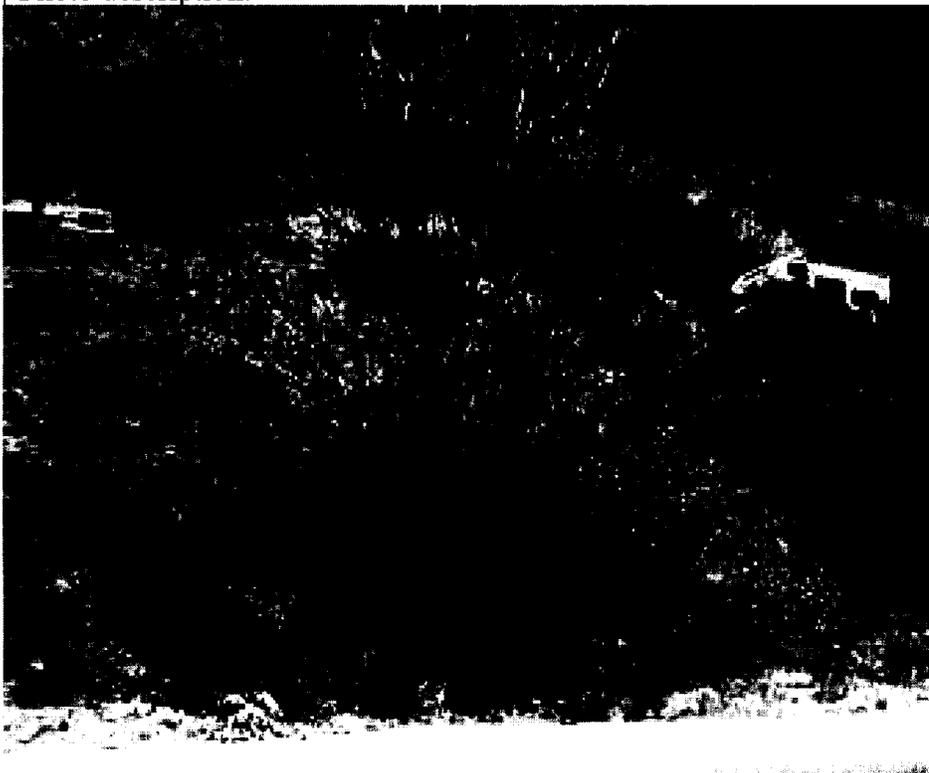
U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # RBS _____ - LACO _____ - 0 0 3 - 0
Sheet # 12 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Tree removal at various locations

Photo description:



Left - Lake Hughes Rd at
MM 1.02

Below - Lake Hughes Rd
at 300' S/o MM 1.02



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

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 13 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Tree removal at various locations

Photo description:



Left - Lake Hughes Rd at
MM 1.48

Below - Lake Hughes Rd
at 700' S/o MM 1.48

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

DAF # RBS _____ - LACO _____ - 0 0 3 - 0
Sheet # 14 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Tree removal at various locations

Photo description:



Left - Lake Hughes Rd at
MM 1.85

Below - Lake Hughes Rd
at MM 2.92



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

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 15 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Tree removal at various locations

Photo description:



Left - Lake Hughes Rd at
MM 3.10

Below - Lake Hughes Rd
at 725' S/o BR 1209

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

DAF # RBS - LACO - 003 - 0
Sheet # 16 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Tree removal at various locations

Photo description:



Left - Lake Hughes Rd at
MM 3.85

Below - Lake Hughes Rd
at 1000' N/o MM 4.37



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

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 17 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Tree removal at various locations

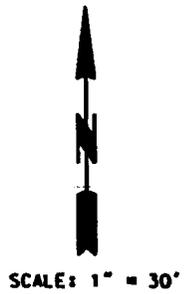
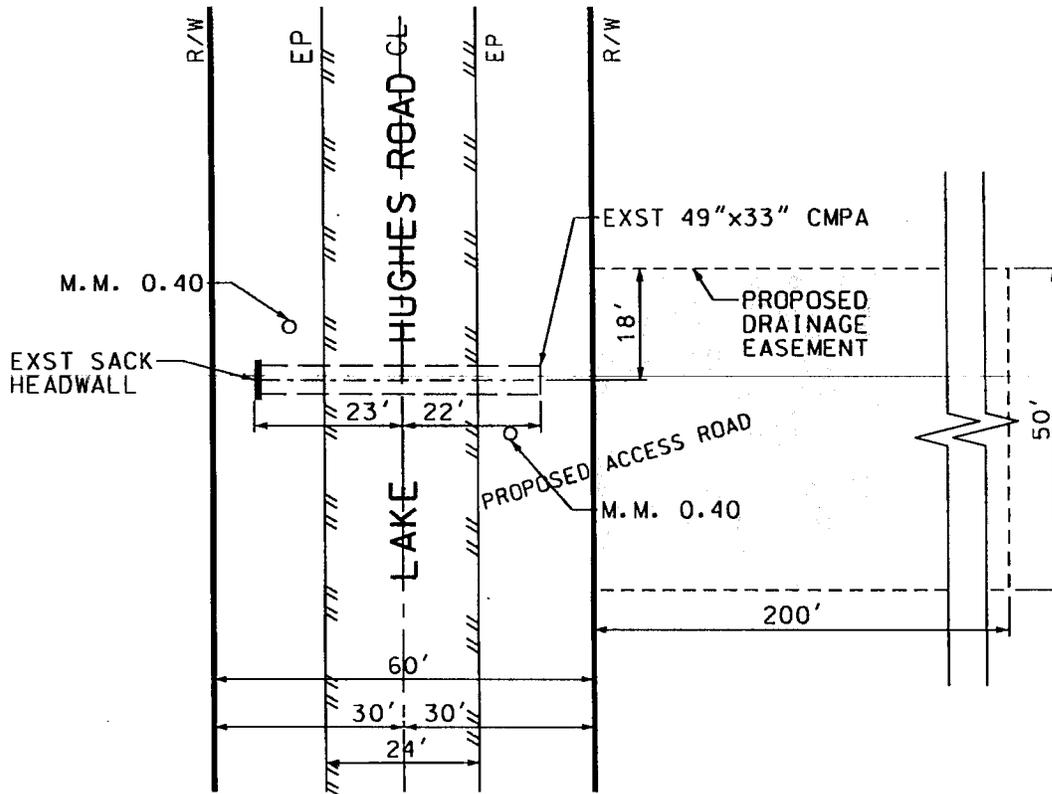
Photo description:



Left - Lake Hughes Rd at
MM 4.48

Below - Lake Hughes Rd
at 1000' S/o MM 4.48





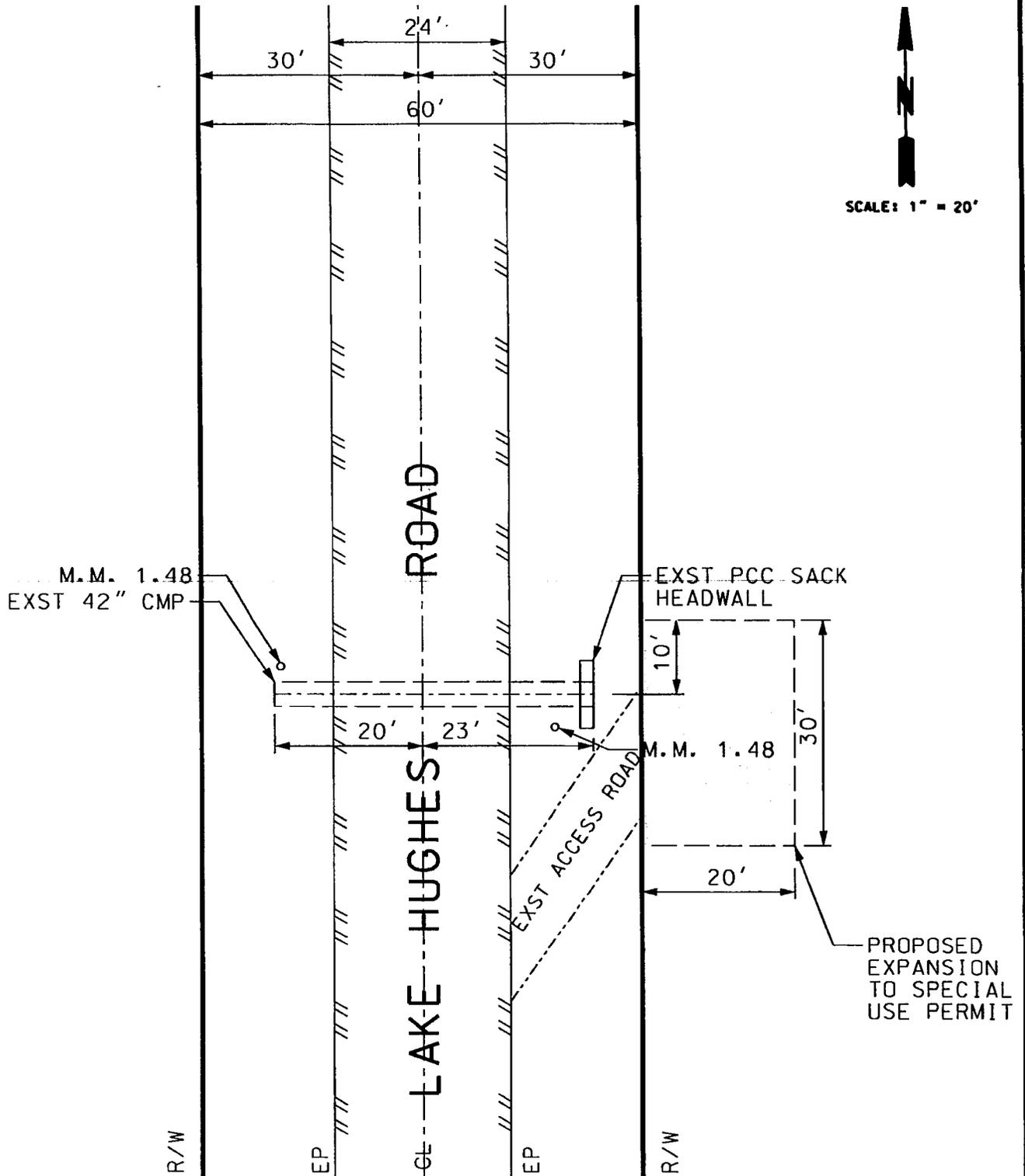
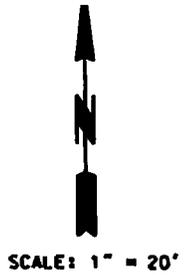
DEBRIS REMOVAL AREA / AREA TO BE GRADED []
 INLET COORDINATES:
 N: 34° 40' 26.40" W: 118° 27' 19.74"



PROJECT NAME LAKE HUGHES ROAD @ M.M. 0.40		PROJECT No. X250000741	
PROJECT ENGINEER G. TONG	C.E. NO. C 60609	APPROVED BY	DATE
PROJECT I.D. No. RDC0015904			
DRAWN BY R. VIRAMONTES	DATE 07/14/13	LOS ANGELES COUNTY DEPT OF PUBLIC WORKS ROAD MAINTENANCE DIVISION - DISTRICT 5	T.G. 4279
SCALE 1" = 30'	FILENAME	SCALE 1" = 30'	SHEET 1 OF 3

ANGELES NATIONAL FOREST

RBS-LACO-003
 LA County Dept of Public Works
 Sheet 19 of 26



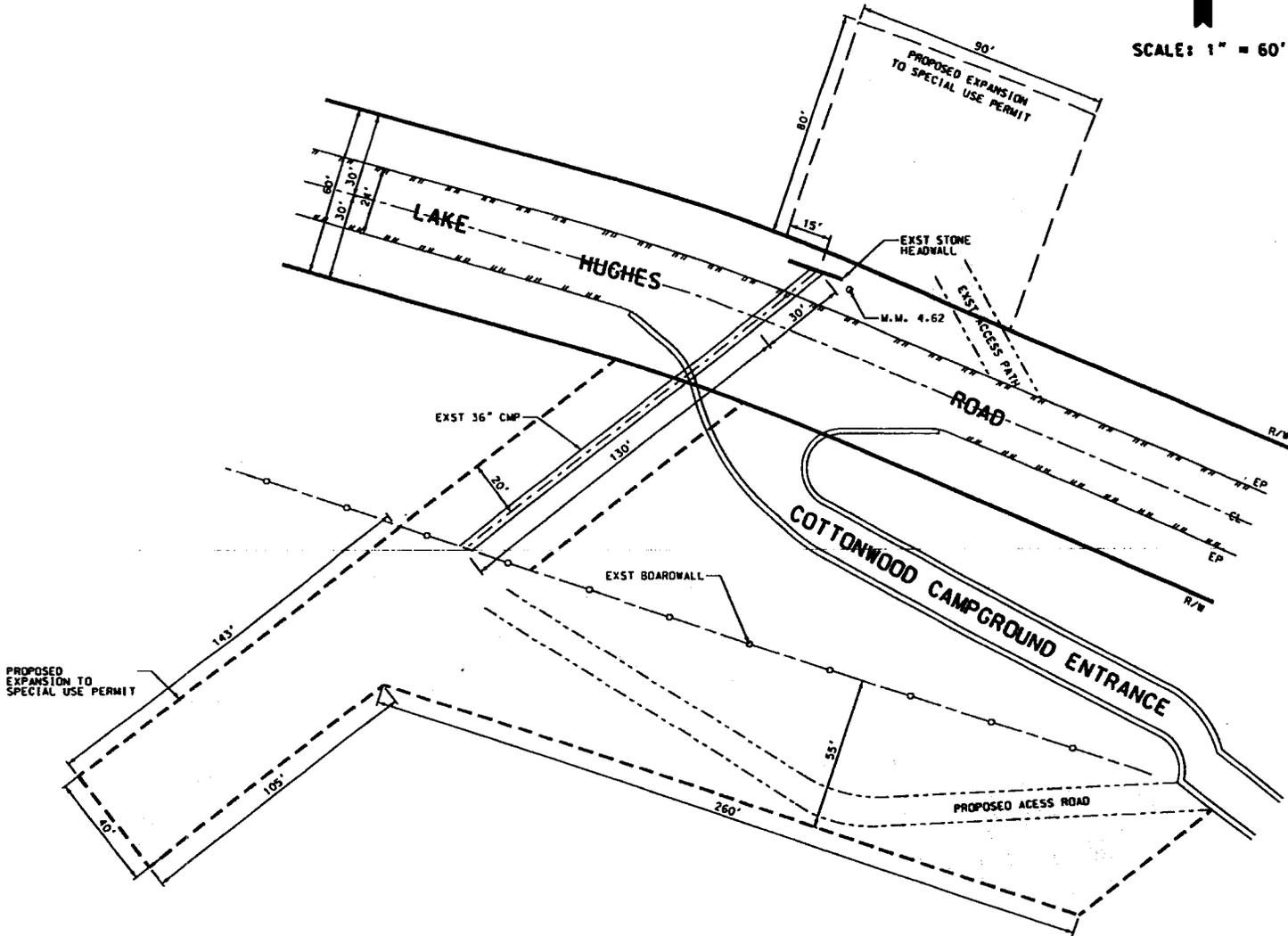
DEBRIS REMOVAL AREA / AREA TO BE GRADED []

INLET COORDINATES:
 N: 34° 39' 37.56" W: 118° 27' 35.67"

PROJECT NAME LAKE HUGHES ROAD @ M.M. 1.48				PROJECT I.D. No. RDC0015904	
PROJECT ENGINEER G. TONG	C.E. NO. C 60609	LOS ANGELES COUNTY DEPT OF PUBLIC WORKS ROAD MAINTENANCE DIVISION - DISTRICT 5	T.G. 4279	PROJECT No. x250000741	SCALE 1" = 20'
					SHEET 2 OF 3



SCALE: 1" = 60'



DEBRIS REMOVAL AREA / AREA TO BE GRADED []

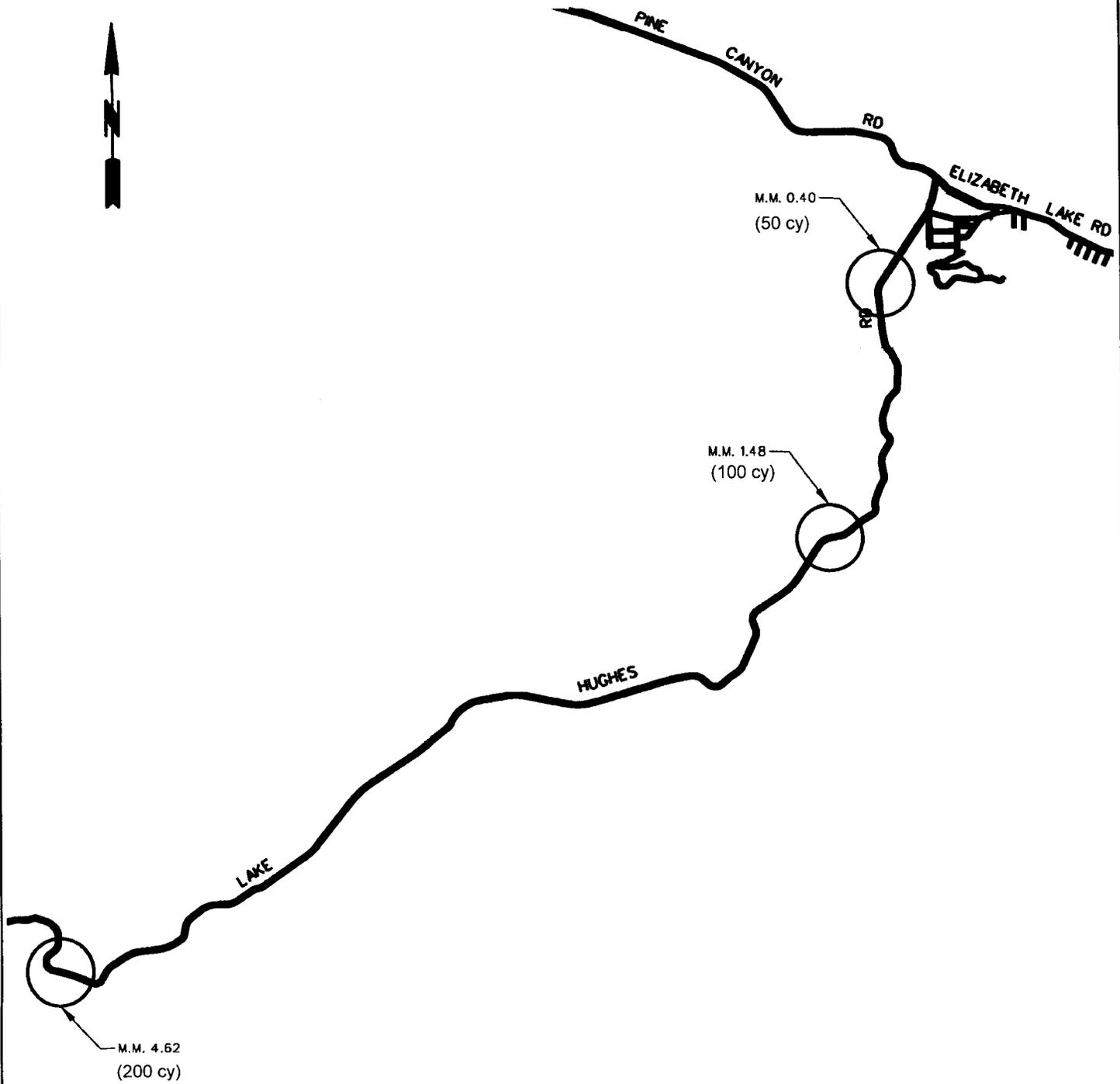
INLET COORDINATES:
 N: 34° 38' 26.36" W: 118° 30' 09.18"

PROJECT NAME LAKE HUGHES ROAD @ M.M. 4.62					PROJECT I.D. No. RDC0015904			
PROJECT ENGINEER	G. TONG	C.E. NO.	C 60609	LOS ANGELES COUNTY DEPT OF PUBLIC WORKS ROAD MAINTENANCE DIVISION - DISTRICT 5	T.G. 4279	2013 POWERHOUSE FIRE	SCALE 1" = 60'	SHEET 3 OF 3

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

DAF # RBS - LACO - 003 0
Sheet # 21 of 26
Applicant Los Angeles County - Department of Public Works
Agency EO Calc EO Contract PR Calc

LOCATION MAP

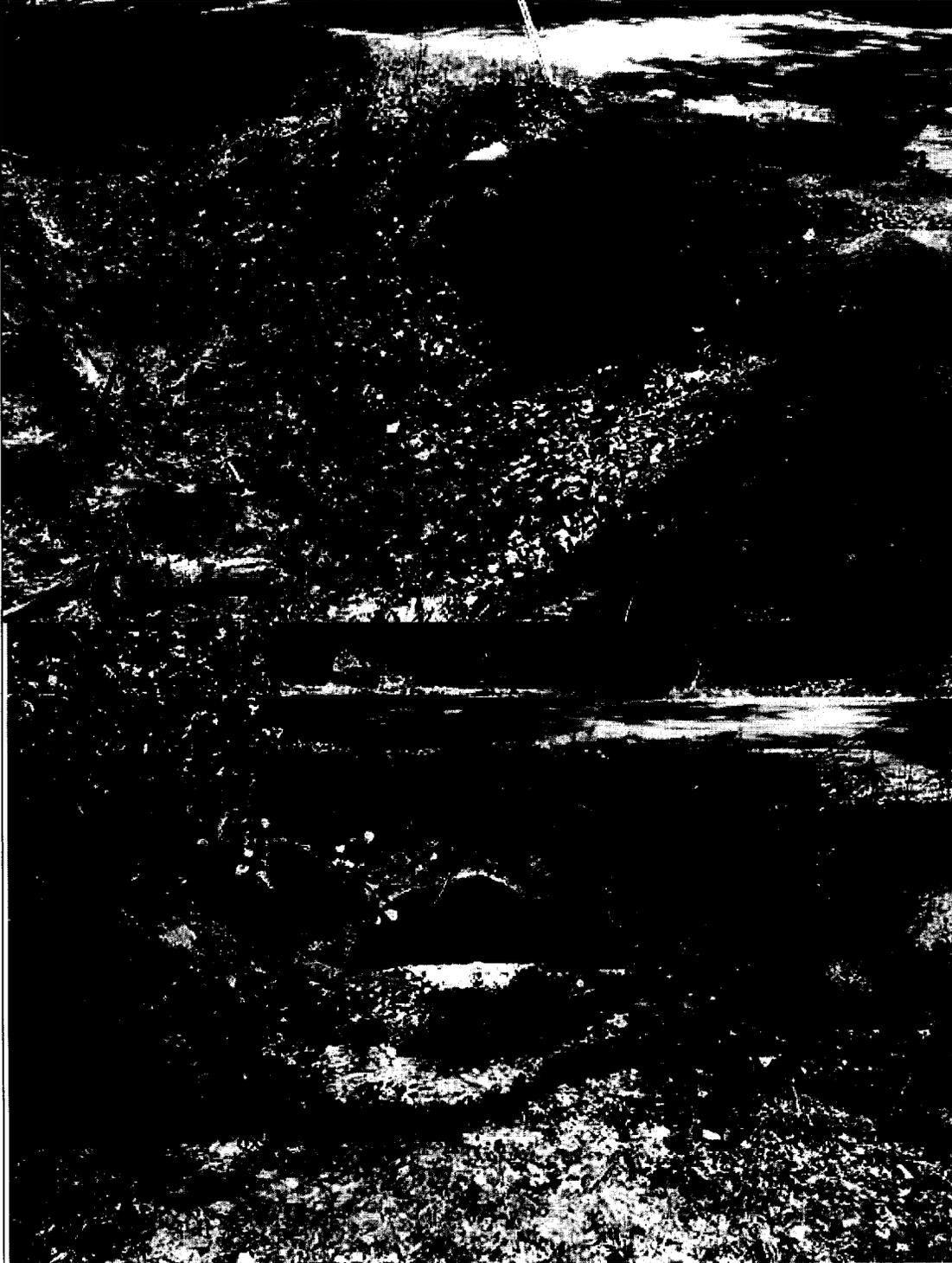


U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 22 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Photo description: Culvert clean out at various locations



Left - Lake Hughes Rd @
MM 0.40 (inlet)

Below - Lake Hughes Rd
@ MM 0.40 (outlet)

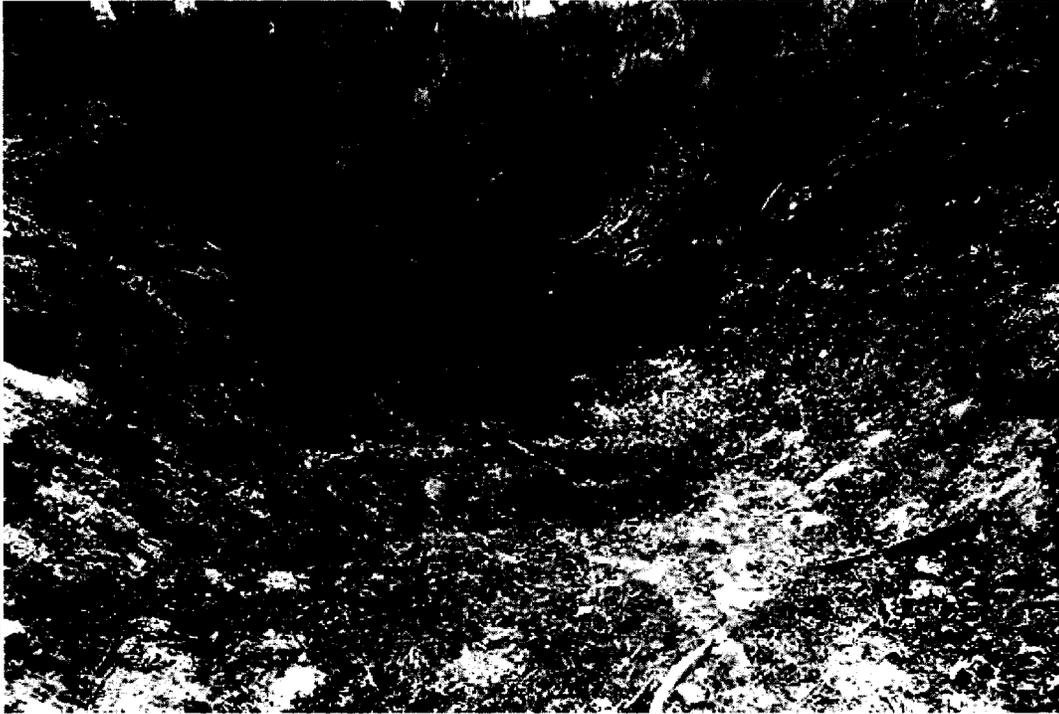
U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # RBS - LACO - 003 - 0
Sheet # 23 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Culvert clean out at various locations

Photo description:



Left - Lake Hughes Rd @
MM 0.40 (downstream)

Below - Lake Hughes Rd
@ MM 1.48 (inlet)



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

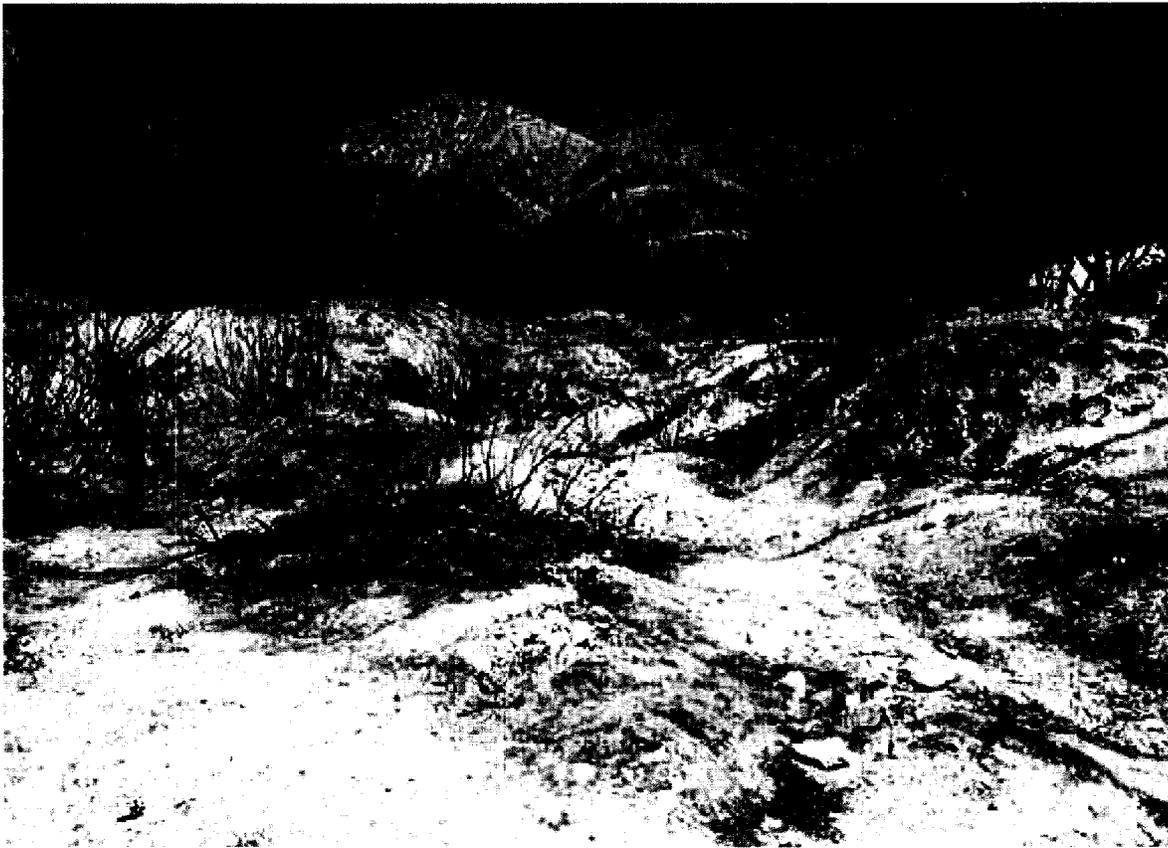
DAF # RBS - LACO - 0 0 3 - 0
Sheet # 24 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Culvert clean out at various locations

Photo description:

Lake Hughes Rd @ MM 1.48 (upstream)



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

DAF # RBS - LACO - 003 - 0
Sheet # 25 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Culvert clean out at various locations

Photo description:



Left - Lake Hughes Rd
@ MM 4.62 (outlet)

Below - Lake Hughes
Rd @ MM 4.62 (outlet)

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

DAF # RBS - LACO - 0 0 3 - 0
Sheet # 26 of 26
Applicant
LA County Dept of Public Works

Photos, Sketches and/or Narrative

Culvert clean out at various locations

Photo description:



Left - Lake Hughes Rd
@ MM 4.62 (upstream)

Below - Lake Hughes
Rd @ MM 4.62 (inlet)



Federal Aid Data System

HELP (Rev 11/2013)

Tuesday, November 26, 2013
You are logged in as:
S127512 REYNALDO SARMIENTO

Project Request DAF Reports User Profile Administration Log Off Home

Listing of Revisions for This DAF
Select Edit to update the DAF below. Select Delete to delete the DAF. Select Create Revision to create a revision for this DAF.

Report No:	Disaster No:	County:	Rev No	Created By	Create Date	Last Updated By	Update Date
RBS-LACO-003	CA2013-2	037 - LA	0	SARMIENTO, REYNALDO	11/21/2013	SARMIENTO, REYNALDO	11/26/2013

[Edit](#) [Delete](#) [Create Revision](#)

DAF **DAF Status**

Report No: RBS-LACO-003-0 Disaster No: CA2013-2 County: 037 - LA Incident Date: 05/30/2013 Inspect Date: 11/25/2013
 District: 07 Admin: LOCAL Responsible Agency: 5953
 Applicant: LOS ANGELES CO DEPT OF PUBLIC WOR Func. Class Code: UC - UNDIVIDED/COLLECTOR (MAJOR)

Road/Bridge Name: LAKE HUGHES RD Per Site or Per Mile: PER SITE Begin PM: 0.40 End PM: 4.62 Total Feet: 22280.00

Bridge No: Type: Federal Aid Hwy: Yes No Map No: 13741
 Traveled Way Width: 24 Type: AC Forest Hwy System: Yes No State/Local Rte No:
 Shoulder Width: 0-20 Type: GRAVEL Interstate: Yes No ADT (Existing): 644

Damage Description (at most 400 characters):
 THE 2013 POWERHOUSE FIRE BURNED TREES & VEGETATION CAUSING LARGE AMOUNT OF DEBRIS DEPOSITED IN CULVERT INLETS & OUTLETS AND CAUSED ROAD CLOSURES & BARRICADING

COST ESTIMATE

Emergency Opening Agency Forces	Description of Work	Cost Summary
SPN/Contract No:	EMERGENCY ROAD CLOSURES, BARRICADING, TREE TRIMMING & REMOVALS. INSTALLED K-RAILS, MOBILIZATION, GRADING & DEBRIS REMOVALS	PE: 49,910.00 CE: 21,390.00 CON: 356,500.00
CT Work Order No: 1: 2: 3: 4: 5:		

Emergency Opening Contract	Description of Work	Cost Summary
SPN/Contract No:		PE: CE: CON: RW: 6,000.00
Subtotal Emergency Opening:		433,800.00

Permanent Restoration	Description of Work	Cost Summary
Contract Type: Select one SPN:		PE: CE: CON: RW:
Subtotal Permanent Restoration:		

Preliminary Engineering Total:	49,910.00
Construction Engineering Total:	21,390.00
Right of Way Total:	6,000.00
Construction Total:	356,500.00
Total Estimated:	433,800.00

Eligible
 Yes No N/A Local Agency: SALEHPOUR First Name: RAY Date: 11/13/2013
 Yes No Caltrans: SARMIENTO REYNALDO Date: 11/26/2013
 Yes No N/A FHWA: Date:

Created By: SARMIENTO, REYNALDO Date: 11/21/2013 Last Updated By: SARMIENTO, REYNALDO Date: 11/26/2013

[Save](#) [Reset](#)