

U.S. Department of Transportation Federal Highway Administration- California Division- Title 23 Damage Assessment Form (DAF)		DAF No. <u>BDG</u> - <u>INYCO</u> - <u>006</u> - <u>0</u>
Sheet # 1 of _____ Federal Project # EO ER - <u>24M0</u> ()		Disaster No. CA <u>13</u> - <u>6</u> PR ER - ()
Applicant <u>Inyo County</u>	County <u>Inyo</u>	Incident Date (mm/dd/yyyy) <u>07/22/2013</u> Inspection <u>07/27/2013</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>Waucoba Saline Road</u>	PM Begin: <u>20 miles south of Death Valley Road</u> PM Length: <u>10,560.00</u> PM End: <u>2 miles south of Death Valley Road</u> (in feet)	Map No <u>14N</u> Functional Classification Type: <u>Rural Major Collector</u> Route # <u>3013</u>
Road/Bridge Data:	Bridge No _____ Type: _____	Forest Hwy? Y/N <input type="checkbox"/> N Interstate? Y/N <input type="checkbox"/> N
Traveled Way: Width <u>44'</u> Type: PCC <input type="checkbox"/> AC <input type="checkbox"/> Gravel <input checked="" type="checkbox"/>	Shoulder: Width <u>NA</u> Type: PCC <input type="checkbox"/> AC <input type="checkbox"/> Gravel <input type="checkbox"/>	Existing ADT: <u>30</u>
Description of Damage:	<u>Debris on roadway, parts of roadway washed away; washouts of shoulders. Road is impassible past damaged portion. There is a large, 60-foot hole in the damaged area.</u>	

COST ESTIMATE				
Emergency Opening (EO)	Type of Repair	Description of Work	Cost Summary	
	EO- AGENCY FORCES CT Work Order #(s): _____ EA(s): _____	EO- CONTRACT EO EA(s): _____	Close road; debris removal/excavate buried areas; backfill, compact, and regrade; smooth out rough areas. This is a remote location, a large area covered, and the significant lodging constraints are considered in determining costs associated with required the environmental and emergency opening work.	PE
CE				
Construction				300,000
			PE	
			CE	
			Construction	
NOTE: Environmental documentation for EO is required. It is generally started after work has begun.			R/W	
			Subtotal Emergency Opening	\$450,000
Permanent Restoration (PR)	PR- CONSTRUCTION FA requires an approved PIF <input type="checkbox"/> Contract <input type="checkbox"/> FA PR EAs _____		PE	
			CE	
			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	\$150,000
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Local Agency (if applicable): <u>Chantel Brown</u>	<u>12/24/13</u>	CE Total	\$0
<input type="checkbox"/> Yes <input type="checkbox"/> No	Caltrans:		R/W Total	\$0
<input type="checkbox"/> Yes <input type="checkbox"/> No	FHWA*:		Construction Total	\$300,000
TOTAL ESTIMATE				\$450,000

Agency sig. Name (print): Chantel Brown FHWA Sig. Name (print): _____
 CT signature Name (print): _____ DAF Prepared by (print): Chantel Brown

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.**

INYO COUNTY PUBLIC WORKS DEPARTMENT

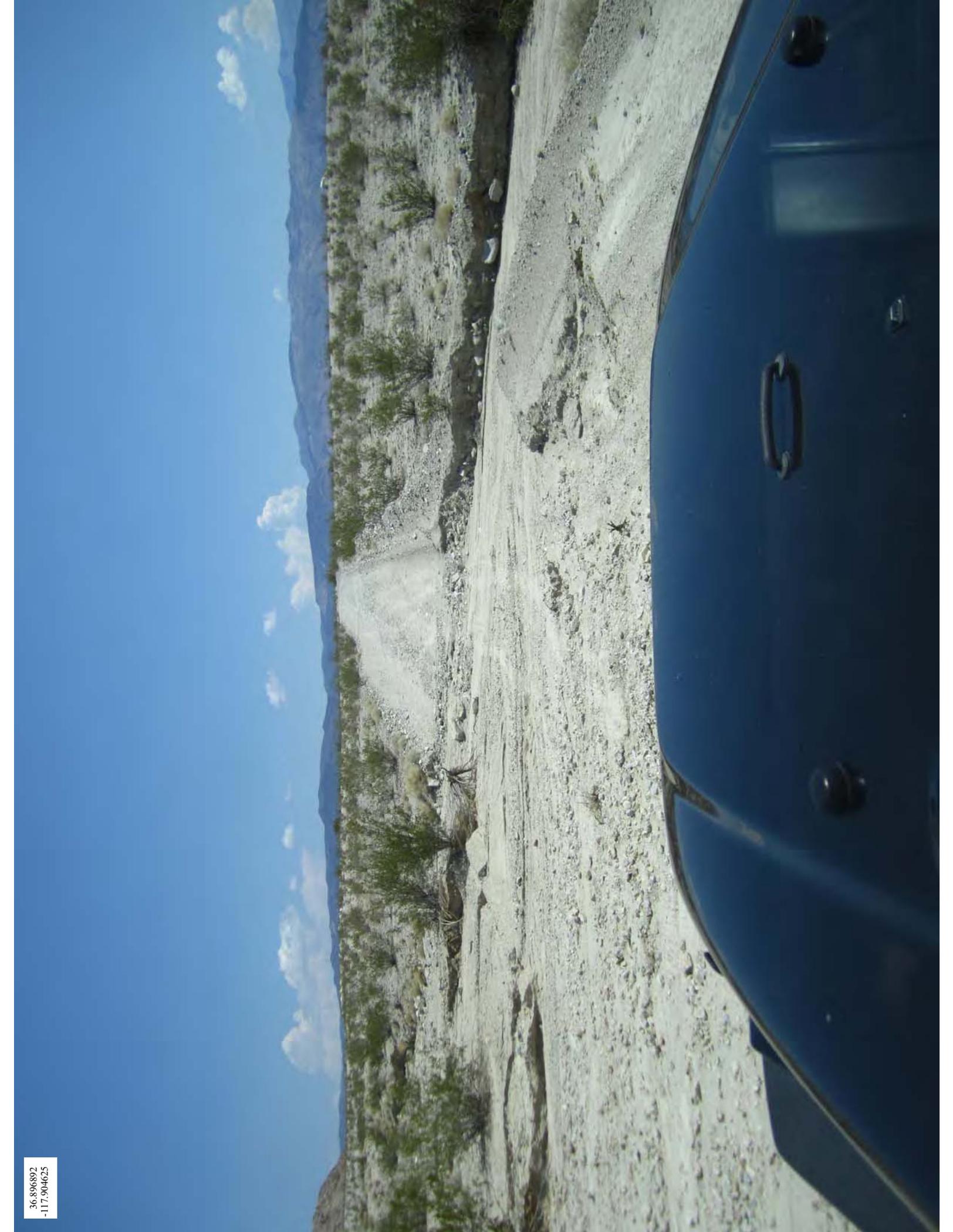
ENGINEER'S FINAL OPINION OF PROBABLE COST ESTIMATE

Emergency Opening Waucoba Saline Road		Adv. ID	Cost Estimate PE \$ 150,000.00 Construction \$ 300,000.00	Date 12/24/2013
District 09	County Inyo	Route 3013	PM	Source of Funds Federal Emergency Funds FHWA
Project Number 24M0 ()		Map No 14N		
Disaster No. CA 13-6		Existing ADT 30		
		Description Close road; debris removal/excavate buried areas; backfill, compact, and regrade; smooth out rough areas. NOTE: This is a remote location, a large area covered, and the significant lodging constraints are considered in determining costs associated with required the environmental and emergency opening work.		

ITEM	DESCRIPTION	Cost Percentage if used			
CON	Labor Charges	65%		\$ 195,000.00	\$ 195,000.00
CON	Equipment Charges	35%		\$ 105,000.00	\$ 105,000.00
			TOTAL CON		\$ 300,000.00
PE	Project Management	1%		\$ 1,500.00	\$ 1,500.00
PE	Project Environmental	95%		\$ 142,500.00	\$ 142,500.00
PE	Project Engineering	3%		\$ 4,500.00	\$ 4,500.00
PE	Vehicle Charges	1%		\$ 1,500.00	\$ 1,500.00
			TOTAL PE		\$ 150,000.00
ESTIMATE TOTAL					\$ 450,000.00

36.896892
-117.904625





36.896892
-117.904625

36.877378
-117.905164

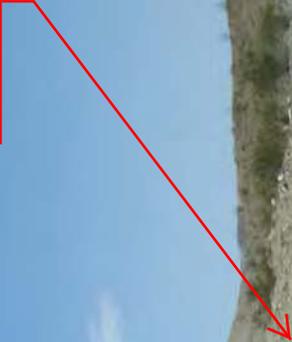


Waucoba Saline
roadway



36.877378
-117.905164

Waucoba Saline
roadway



36.877378
-117.905164



36.877378
-117.905164



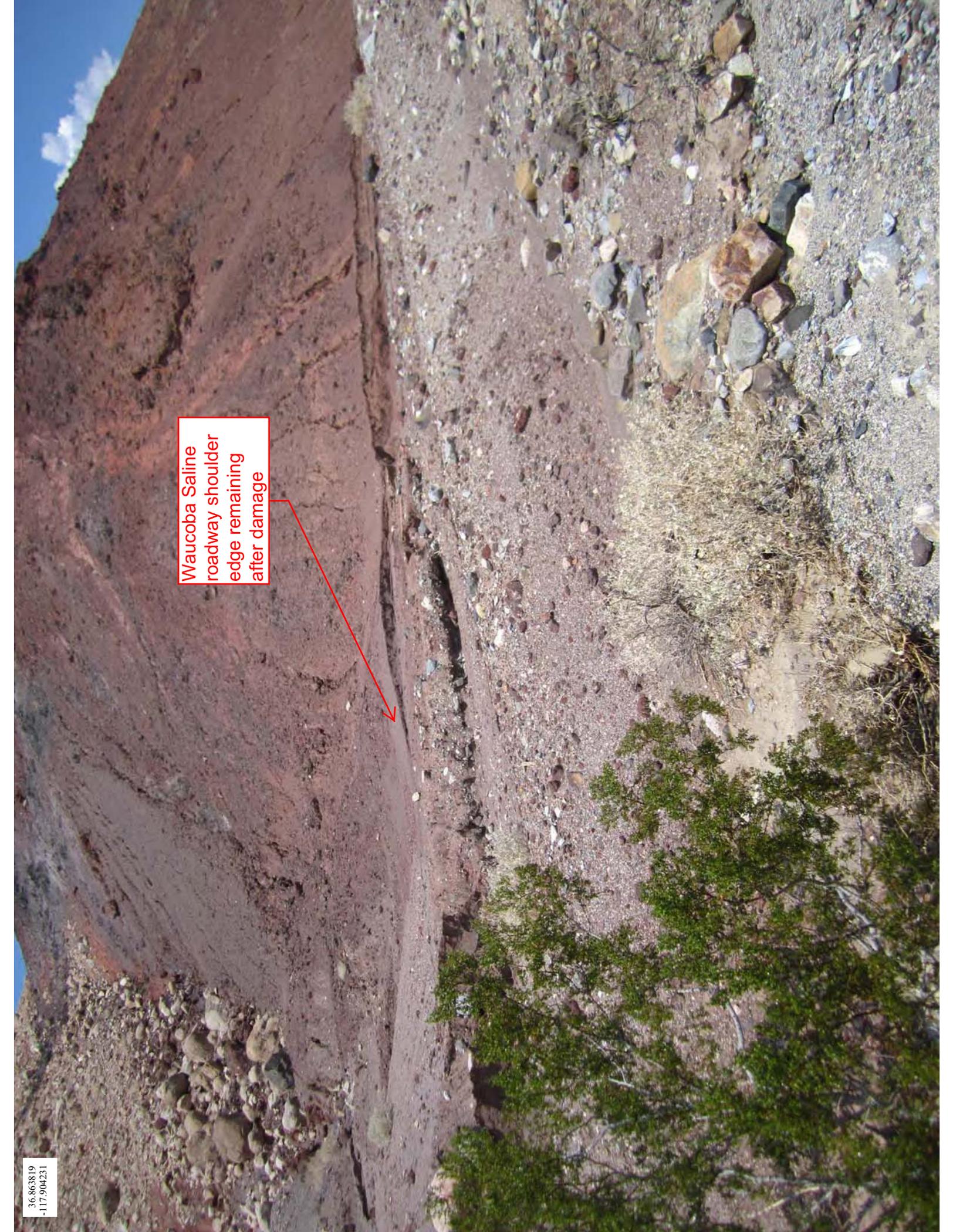
Waucoba Saline
roadway shoulder
edge remaining
after damage



Waucoba Saline
roadway shoulder
edge remaining
after damage



Waucoba Saline
roadway shoulder
edge remaining
after damage



36.863819
-117.904231



36.836372
-117.916772



36.835314
-117.916842



36.835314
-117.916842

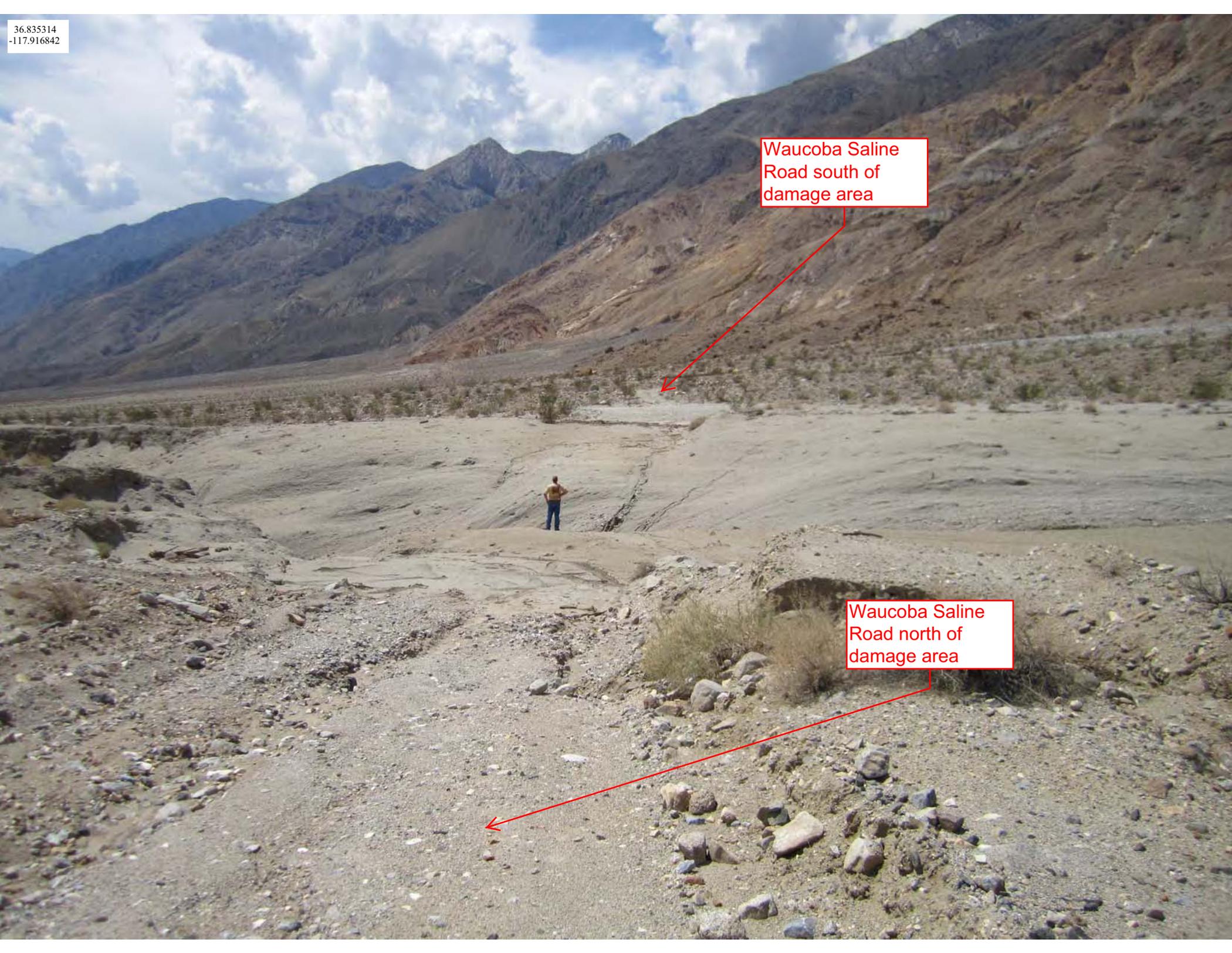


36.836372
-117.916772



36.836372
-117.916772





Waucoba Saline
Road south of
damage area

Waucoba Saline
Road north of
damage area

36.835314
-117.916842



36.835314
-117.916842

