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Attachment B - Los Padres National Forest Road Repair Project														
Table B.1 -- Site Locations, Affected Receiving Waters and Designated Beneficial Uses.														

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Aquatic Resource Impacted <sup>1</sup>	Activity	Permanent Impacts <sup>2</sup>	Permanent Impacts <sup>2</sup>	Temporary Impacts <sup>3</sup>	Temporary Impacts <sup>3</sup>	Material Type	Pre Damage Structure Length	Post Damage Structure Length	Remarks		Existing length	New length	Change (feet)
		(SQFT)	(ACRE)	(SQFT)	(ACRE)								
Squaw Flat Road Site 6N16-2.6: Unnamed Drainage	Disturbance is from repair/reconstruction of a retaining wall. The existing retaining wall has failed.	100	0.002	0	0.0000	Earthen Fill and Mechanically Stabilized Earth (MSE) Wall	Approximately 70' shotgunning culvert through crib wall.	MSE wall built in same location as pre damage Crib wall. Culvert is 36" diameter by 80' . 15' riprap apron for outlet protection	Work occurs on an unnamed ephemeral drainage of Fourfork Creek. Work limits are approximately 250' along the centerline and 60' on each side of the centerline (most of which is previously disturbed by roadway). Drainage is approximately 2' wide.				
	Totals	100	0.002	0	0.0000		70	95			70	95	25
													0
Figueroa Mountain Road Site 7N07-7.4: Unnamed Drainage	Disturbance is from construction of a retaining wall. The existing slope has failed.	100	0.002	0	0.0000	Earthen Fill and MSE Wall	Approximately 65' shotgunning culvert through road fill.	MSE wall built in same location as pre damage road fill. Culvert is 36" diameter by 80' . 15' riprap apron for outlet protection	Work occurs on an unnamed tributary of Lion Canyon. Work limits are approximately 200' along the centerline and 60' on each side of the centerline (most of which is previously disturbed by roadway). Drainage is approximately 2' wide.				0
	Totals	100	0.002	0	0.0000		65	95			65	95	30
											0	0	0
Central Coast Road Site 20S05.3-0.9: Unnamed Drainage	Disturbance is from construction of a retaining wall. The existing slope has failed.	20	0.0005	0	0.0000	Earthen Fill and MSE Wall	Approximately 30' shotgunning culvert through roadway fill.	24" by 70' culvert. 8' riprap apron for outlet protection	There is no evidence of a tributary at this site. A small wetland seep occurs next to the roadway. Work limits are approximately 150' along the centerline and 30' on each side of the centerline (most of which is previously disturbed by existing roadway).				0
	Totals	20	0.0005	0	0.0000		30	78			30	78	48
											0	0	0
Central Coast Road Site 20S05.3-1.7: Unnamed Drainage	Disturbance is from construction of a retaining wall. The existing slope has failed.	20	0.0005	0	0.0000	Earthen Fill and MSE Wall	50' shotgunning culvert through roadway fill.	24" by 60' culvert. 8' riprap apron for outlet protection	There is no evidence of a tributary at this site. A small wetland seep occurs next to the roadway. Work limits are approximately 150' along the centerline and 30' on each side of the centerline (most of which is previously disturbed by existing roadway).				0
	Totals	20	0.0005	0	0.0000		50	68			50	68	18
											0	0	0
Central Coast Road Site 20S05.3-3.2: Unnamed Drainage	Disturbance is from culvert maintenance.	0	0.000	20	0.0000	Earthen Fill/ Riprap	No change in culvert design	No change in culvert design	Work occurs on and unnamed drainage. Approximately 1,000' of roadway along the existing centerline will be repaired. Disturbance for majority will occur within the existing disturbed ditches, traveled way and shoulder. Impacts to waters would be from culvert cleanout.				0
	Totals	0	0.000	20	0.0000		50	50	est		50	50	0
											0	0	0
Big Caliente Road Site 5N16-1.2: Unnamed Ephemeral Drainage and Agua Caliente Creek	Replacing existing twin 48" culverts with new twin 48" culverts	0	0.000	0	0.0000	Corrugated Metal Pipe	Two 48" by 30' culverts through roadway fill.	Two 48" by 35' culverts through roadway fill.	Work occurs on an ephemeral drainage of Agua Caliente Creek. The outfall of the culvert lies within the confluence of these drainages. No new fill anticipated with the culvert installation. Work will remove the damaged existing twin 48" culverts and replace with twin 48" culverts.				0
	Embankment	207	0.005	0	0.0000	Earthen Fill Embankment			Work will reestablish the earthen embankment.				0
	Class 4 Riprap	522	0.012	100	0.0023	Riprap	None	26 foot riprap apron for scour protection.	Riprap installation will protect culvert from future failure events and improve waterquality (erosion and scour issues)				0
	Totals	729	0.017	100	0.0023		48	48			48	48	0
											0	0	0
											0	0	0
Rose Lake Road Site 6N31F-0.2: Rose Lake and Rose Lake Valley Creek	Class 4 Grouted Riprap	540	0.012	100	0.0023	Class 4 Grouted Riprap	18' 8' Concrete low water crossing with baffle.	10' downstream riprap apron.	Low water crossing is being compromised. Grouted riprap will stabilize inlet and outfall.				0
	Totals	540	0.012	100	0.0023		19	10			19	10	-9
											0	0	0
Reyes Creek Site 7N11-0.2: Cuyama River	Class 3 Grouted Riprap	1,200	0.028	0	0.0000	Class 3 Grouted Riprap	14' Concrete Low water crossing	8' downstream grouted riprap apron	Work occurs within Cuyama River. A riprap apron will be installed on the downstream side of low water crossing to reduce scour and stabilize the roadway.				0
	Embankment construction	126	0.003	10	0.0002	Earthen Fill Embankment							0
	Totals	1,326	0.030	10	0.0002		14	22			14	22	8
													0
Mutau Road Site 7N03-1.1: Unnamed Ephemeral Drainage to Lockwood Creek	Stabilize Landfill	144	0.003	10	0.0002	Stabilize landslide fill next to drainage	Approximately 75' of channel	Approximately 75' of channel	Installation of riprap apron on existing culvert to reduce scour.				0
	Totals	144	0.003	10	0.0002		75	75			75	75	0
													0
Bates Canyon Site 11N01-0.1: Unnamed ephemeral drainage to Bates Canyon	Class 3 Riprap	27	0.001	0	0.0000	Class 3 Riprap	None	6' riprap apron	Installation of riprap apron on drainage chute to reduce scour.				0
	Embankment construction/ drainage chute	100											

Attachment B - Table B.2 - Project Impacts Los Padres National Forest Road Repairs Project (CA ERFO 20S05 and 5N/6N/7N/11N Project ) Wetland and Waters of the U.S. Impacts												
Aquatic Resource Impacted <sup>1</sup>	Activity	Permanent Impacts <sup>2</sup>	Permanent Impacts <sup>2</sup>	Temporary Impacts <sup>3</sup>	Temporary Impacts <sup>3</sup>	Material Type	Pre Damage Structure Length	Post Damage Structure Length	Remarks	Existing length	New length	Change (feet)
		(SQFT)	(ACRE)	(SQFT)	(ACRE)							
	Totals						0	100		0	100	100
												0
Miranda Pines Site 11N03-1.6: Unnamed Ephemeral Drainage to North Fork La Brea Creek	Class 3 Riprap	18	0.000	0	0.0000	Class 3 Riprap	None	6' riprap apron	Installation of riprap apron on drainage chute to reduce scour.			0
	Embankment construction/ drainage chute	666	0.015	10	0.0002	Earthen Fill Embankment/ metal drainage chute	Approximately 20' of roadway embankment	Restore pre- damage embankment and install new drainage chute	Pre-failure topography at failure site will be restored and stabilized with drainage chute			0
	Totals	684	0.016	10	0.0002		20	26		20	26	6
												0
Miranda Pines Site 11N03-2.1: Unnamed Ephemeral Drainage to North Fork La Brea Creek	Class 3 Riprap	18	0.000	0	0.0000	Class 3 Riprap	None	6' riprap apron	Installation of riprap apron on drainage chute to reduce scour.			0
	Embankment construction/ drainage chute	18	0.000	10	0.0002	Earthen Fill Embankment/ metal drainage chute	Approximately 15' of roadway embankment	Restore pre- damage embankment and install new drainage chute	Pre-failure topography at failure site will be restored and stabilized with drainage chute			0
	Totals	36	0.001	10	0.0002		15	21		15	21	6
												0
Miranda Pines Site 11N03-2.2: Unnamed Ephemeral Drainage to North Fork La Brea Creek	Class 3 Riprap	18	0.0004	0	0.0000	Class 3 Riprap	None	6' riprap apron	Installation of riprap apron on drainage chute to reduce scour.			0
	Embankment construction/ drainage chute	10	0.0002	10	0.0002	Earthen Fill Embankment/ metal drainage chute	Approximately 15' of roadway embankment with drainage chute	Restore pre- damage embankment and install new drainage chute	Pre-failure topography at failure site will be restored and stabilized with drainage chute			0
	Totals	28	0.001	10	0.0002		15	21		15	21	6
												0
Miranda Pines Site 11N03-3.7: Unnamed Ephemeral Drainage to North Fork La Brea Creek	Class 3 Riprap	180	0.004	0	0.0000	Class 3 Riprap	none	8' riprap apron.	Installation of riprap apron on culvert to reduce scour.			0
	Embankment construction/ drainage chute	60	0.001	10	0.0002	Earthen Fill Embankment	approximately 20' of roadway embankment	Restore pre- damage embankment and install new drainage chute	Pre-failure topography at failure site will be restored and stabilized with drainage chute			0
	Placing new 24" culvert	80	0.002	10	0.0002	Corrugated Metal Pipe	Approximately 25' culvert	Install 24" by 40' pipe.	Install new 24" culvert			0
	Totals	320	0.007	20	0.0005		45	48		45	48	3
												0
Colson Canyon Road Site 11N04-3.1: Unnamed Ephemeral Drainage to North Fork La Brea Creek	Repair Rockery Wall	0	0.000	10	0.0002	Rock	4-6' wide rock wall	Restack 4'6' wall using existing rocks	Project will gather existing stone from the retaining wall and repair the damaged wall.			0
	Replace existing 24" culvert	0	0.000	10	0.0002	Corrugated Metal Pipe	Approximately 20' culvert	Install new 24" by 20' culvert	No new fill anticipated. Remove damaged existing24" culvert and replace with 24" culvert.			0
							26	26		26	26	0
	Totals	0	0.000	20	0.0005					637	896	259
	TOTALS:	4,257	0.098	340	0.007							

<sup>1</sup>Aquatic Resource name is based on site name and National Hydrographic Datum.  
<sup>2</sup>Permanent Impacts: Anything between the slope stake limits and edge of existing pavement/existing impact; or for wetlands to the edge of the wetland boundary.  
<sup>3</sup>Temporary Impacts: Anything between the slope stake limits and clearing limits. Impacts would be from construction access and dewatering. No permanent fill associated with these impacts.