



2019-005

Napa County Resource Conservation District
1303 Jefferson St., Ste. 500B
Napa, California 94559
Phone: (707) 252-4189
www.naparcd.org

NOTICE OF EXEMPTION

To: County Clerk, County of Napa
P.O. Box 298
Napa, CA 94559-0298
707-253-4105

2019048256

Project Title: Rural Road Maintenance: Newell Preserve Roads
Project Location - Specific: Newell Creek Subwatershed: Napa River watershed
Project Location - County: Napa Assessor's Parcel Number(s): 059-030-004
Project Location - City: N/A
Name of Public Agency Approving Project: Napa County Resource Conservation District
Name of Person or Agency Carrying Out Project: Napa County Resource Conservation District

Project Description (Nature, Purpose, and Beneficiaries):

The goal of this project is to reduce road-related sediments and stormwater runoff from existing unpaved roads. The goal is consistent with implementing the Napa River sediment Total Maximum Daily Load to meet water quality objectives established by the San Francisco Bay Regional Water Quality Control Board. Reducing road-related sediment and stormwater delivery to local waterways will be achieved by improving existing road surfaces (e.g., improving ditch relief, removing berms, and shaping the road via rolling dips, outsloping, crowning or insloping) to improve surface runoff dispersion. Road treatments may also include adding road rock or rock armor as needed to fortify existing road surfaces. The scope of this project will address 5 miles of existing unpaved road, within the existing road footprint, and will not expand the existing use of the road or the property.

Exempt Status: (check one)

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: Class 1 Existing Facilities, § 15301
- Statutory Exemptions. State code number:

Reasons why project is exempt:

The project is categorically exempt from the provisions of CEQA pursuant to CEQA Guidelines Section 15301, Class 1, which consists of the operation, repair, maintenance, or minor alteration of existing public or private facilities or topographic features, involving negligible or no expansion of use beyond that existing at the time of the exemption determination. A key consideration for this class of exemption is whether the project involves little or no expansion of an existing use. This project includes maintenance of an existing unpaved road and it does not expand or extend the road beyond its current use. Maintenance of the road will reduce fine sediment transport to local waterways that are tributary to the Napa River, which is listed as impaired for excessive sedimentation.

Biological Assessment

A Biological Assessment (BA) was prepared for the project on 19Sept2018. No special status wildlife or plant species, nor their habitats, were observed during field surveys of the project site. The BA concluded that the project area (existing roads/trails) had a low potential to support occurrences of special-status plant species because of its disturbed nature, history of active agricultural, and urban influence, and therefore, no further studies are needed if the project stays within its proposed footprint. The BA identified bird nesting habitat (eucalyptus and live oak woodland) in the proximity of the project area; however, no tree removal is planned for this project. If construction occurs within the nesting season (March-August), a qualified biologist will be onsite to survey for nesting birds and determine if avoidance measures are necessary.

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Historical Resources Study

A historic resource survey previously completed on the property for a different project concluded there were no cultural resources within the current project footprint.

Lead Agency Contact Person: Lucas Patzek, Executive Director

Telephone: (707) 252-4189 x3124

Email: lucas@naparcd.org



Signature: Lucas Patzek

2/4/19

Date

Executive Director

Title

Signed by Lead Agency

Signed by Applicant

Governor's Office of Planning & Research
APR 11 2019
STATE CLEARINGHOUSE

ENDORSED

FEB 05 2019

JOHN TUTEUR
Napa County Recorder - County Clerk
By J. RODRIGUEZ
DEPUTY RECORDER - CLERK

2019048256

Notice of Exemption (NOE) for Grant Projects
State Water Resource Control Board Concurrence

Agreement Number: 1513202
Grantee: Napa County Resource Conservation District
Lead Agency: Napa County Resource Conservation District

Date NOE Filed: January 20, 2019
County: Napa
State Clearinghouse #: N/A

Project Title: Reducing Road-Related Sediment Delivery via LandSmart On-the-Ground
Project Location (attach map, if applicable): Napa River Watershed Assessor's Parcel Number(s): 059-030-004

Project Description:

The goal of this project is to reduce road-related sediments and stormwater runoff from existing unpaved roads. The goal is consistent with implementing the Napa River sediment Total Maximum Daily Load to meet water quality objectives established by the San Francisco Bay Regional Water Quality Control Board.

CEQA Categorical/Statutory Exemptions: Check all exemptions the project meets:

Table with 2 columns: Exemption Category and Description. Categories include Section 15301: Class 1 Existing Facilities, Section 15302: Class 2 Replacement or Reconstruction, Section 15303: Class 3 New Construction or Conversion of Small Structures, Section 15304: Class 4 Minor Alteration to Land, Section 15306: Class 6 Information Collection, Section 15262: Feasibility and Planning Studies, Section 15269: Emergency Projects, Section 15333: Class 33 Small Habitat Restoration Projects, and Other.

Exceptions to NOE: Must mark box indicating whether statement applies. If you mark "yes" then the NOE does not apply - call your GM

Yes No

- Location - Is the project located in a particularly sensitive environment where location exception applies? (for class 3,4,6)
Cumulative Impact - Will there or have there been successive projects of the same type in the same place, and over time is becoming environmentally significant?
Significant Effect - Is there a reasonable possibility that the project will have a significant effect on the environment due to unusual circumstances?
Scenic Highway - Could the project cause damage to the environment within a highway officially designated as a state scenic highway?
Hazardous Waste Site - Is the project located on a site which is included on any list compiled pursuant to Section 65962.5 of the Government Code?
Historical Resources - Could the project cause a substantial adverse change in the significance of a historical resource?

2019048256

I certify to the best of my knowledge the information in this form is correct and the project is exempt from CEQA and will not result in any significant effect on the environment:

Grantee: Print: Lucas Patzek	Grant Manager Concurrence: Print:	State Water Board Concurrence: Print:
Signature: 	Signature:	Signature:
Date: 2/4/19	Date:	Date:

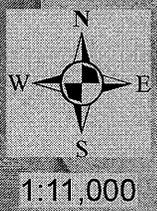
Governor's Office of Planning & Research

APR 11 2019

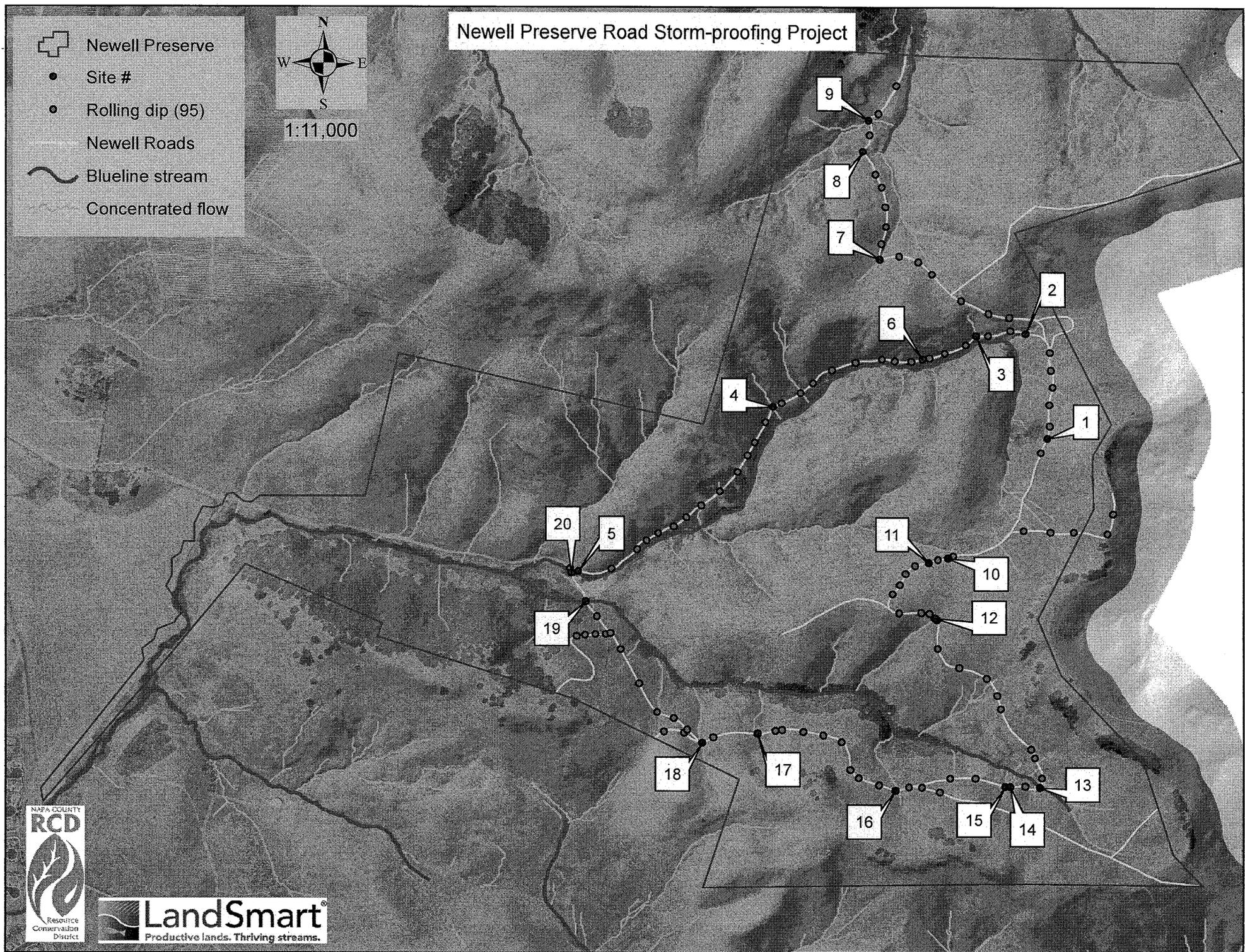
STATE CLEARINGHOUSE

Newell Preserve Road Storm-proofing Project

-  Newell Preserve
-  Site #
-  Rolling dip (95)
-  Newell Roads
-  Blueline stream
-  Concentrated flow



1:11,000



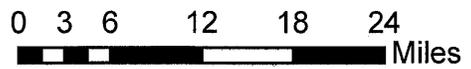


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Newell Preserve Road Storm-proofing Project



 Napa River Watershed





State of California - Department of Fish and Wildlife
2019 ENVIRONMENTAL FILING FEE CASH RECEIPT
 DFW 753.5a (REV. 12/01/18) Previously DFG 753.5a

Print **Start Over** **Finalize & Email**

RECEIPT NUMBER:
 28 — 02052019 — 005
 STATE CLEARINGHOUSE NUMBER (if applicable)

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY Napa County Resource Conversation District	LEAD AGENCY EMAIL	DATE 02052019
COUNTY/STATE AGENCY OF FILING Napa	DOCUMENT NUMBER 2019-005	

PROJECT TITLE

Rural Road Maintenance : Newell Preserve Roads

PROJECT APPLICANT NAME Napa County Resource Conversation District	PROJECT APPLICANT EMAIL	PHONE NUMBER (707) 252-4189
PROJECT APPLICANT ADDRESS 1303 Jefferson Street Ste 500B	CITY Napa	STATE CA
		ZIP CODE 94559

PROJECT APPLICANT (Check appropriate box)

- Local Public Agency School District Other Special District State Agency Private Entity

CHECK APPLICABLE FEES:

- | | | | |
|---|------------|----|------|
| <input type="checkbox"/> Environmental Impact Report (EIR) | \$3,271.00 | \$ | 0.00 |
| <input type="checkbox"/> Mitigated/Negative Declaration (MND)(ND) | \$2,354.75 | \$ | 0.00 |
| <input type="checkbox"/> Certified Regulatory Program (CRP) document - payment due directly to CDFW | \$1,112.00 | \$ | 0.00 |

- Exempt from fee
 Notice of Exemption (attach)
 CDFW No Effect Determination (attach)
 Fee previously paid (attach previously issued cash receipt copy)

- | | | | |
|---|----------|----|-------|
| <input type="checkbox"/> Water Right Application or Petition Fee (State Water Resources Control Board only) | \$850.00 | \$ | 0.00 |
| <input checked="" type="checkbox"/> County documentary handling fee | | \$ | 50.00 |
| <input checked="" type="checkbox"/> Other Receipt # 2019020500063 | | \$ | |

PAYMENT METHOD:

- Cash Credit Check Other

TOTAL RECEIVED \$ 50.00

SIGNATURE X	AGENCY OF FILING PRINTED NAME AND TITLE Lawrence Rodriguez Deputy County Clerk
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2019048256

NOTICE

Each project applicant shall remit to the county clerk the environmental filing fee before or at the time of filing a Notice of Determination (Pub. Resources Code, § 21152; Fish & G. Code, § 711.4, subdivision (d); Cal. Code Regs., tit. 14, § 753.5). Without the appropriate fee, statutory or categorical exemption, or a valid No Effect Determination issued by the California Department of Fish and Wildlife (CDFW), the Notice of Determination is not operative, vested, or final, and shall not be accepted by the county clerk.

COUNTY DOCUMENTARY HANDLING FEE

The county clerk may charge a documentary handling fee of fifty dollars (\$50) per filing in addition to the environmental filing fee (Fish & G. Code, § 711.4, subd. (e); Cal. Code Regs., tit. 14, § 753.5, subd. (g)(1)). A county board of supervisors shall have the authority to increase or decrease the fee or charge, that is otherwise authorized to be levied by another provision of law, in the amount reasonably necessary to recover the cost of providing any product or service or the cost of enforcing any regulation for which the fee or charge is levied (Gov. Code, § 54985, subd. (a)).

COLLECTION PROCEDURES FOR COUNTY GOVERNMENTS

Filing Notice of Determination (NOD):

- Collect environmental filing fee or copy of previously issued cash receipt. *(Do not collect fee if project applicant presents a No Effect Determination signed by CDFW. An additional fee is required for each separate environmental document. An addendum is not considered a separate environmental document. Checks should be made payable to the county.)*
- Issue cash receipt to project applicant.
- Attach copy of cash receipt and, if applicable, previously issued cash receipt, to NOD.
- Mail filing fees for CRP document to CDFW prior to filing the NOD or equivalent final approval (Cal. Code Regs. Tit. 14, § 753.5 (b)(5)). The CRP should request receipt from CDFW to show proof of payment for filing the NOD or equivalent approval. Please mail payment to address below made attention to the Cash Receipts Unit of the Accounting Services Branch.

If the project applicant presents a **No Effect Determination** signed by CDFW, also:

- Attach No Effect Determination to NOD *(no environmental filing fee is due)*.

Filing Notice of Exemption (NOE) (Statutorily or categorically exempt project (Cal. Code Regs., tit. 14, §§ 15260-15285, 15300-15333))

- Issue cash receipt to project applicant.
- Attach copy of cash receipt to NOE *(no environmental filing fee is due)*.

Within 30 days after the end of each month in which the environmental filing fees are collected, each county shall summarize and record the amount collected on the monthly State of California Form No. CA25 (TC31) and remit the amount collected to the State Treasurer. Identify the remittance on Form No. CA25 as "Environmental Document Filing Fees" per Fish and Game Code section 711.4.

The county clerk shall mail the following documents to CDFW on a monthly basis:

- ✓ A photocopy of the monthly State of California Form No. CA25 (TC31)
- ✓ CDFW/ASB copies of all cash receipts (including all voided receipts)
- ✓ A copy of all CDFW No Effect Determinations filed in lieu of fee payment
- ✓ A copy of all NODs filed with the county during the preceding month
- ✓ A list of the name, address and telephone number of all project applicants for which an NOD has been filed. If this information is contained on the cash receipt filed with CDFW under California Code of Regulations, title 14, section 753.5, subdivision (e)(6), no additional information is required.

DOCUMENT RETENTION

The county shall retain two copies of the cash receipt (for lead agency and county clerk) and a copy of all documents described above for at least 12 months.

RECEIPT NUMBER

- # The first two digits automatically populate by making the appropriate selection in the County/State Agency of Filing drop down menu.
- # The next eight digits automatically populate when a date is entered.
- # The last three digits correspond with the sequential order of issuance for each calendar year. For example, the first receipt number issued on January 1 should end in 001. If a county issued 252 receipts for the year ending on December 31, the last receipt number should end in 252. CDFW recommends that counties and state agencies 1) save a local copy of this form, and 2) track receipt numbers on a spreadsheet tabbed by month to ensure accuracy.

DO NOT COMBINE THE ENVIRONMENTAL FEES WITH THE STATE SHARE OF FISH AND WILDLIFE FEES.

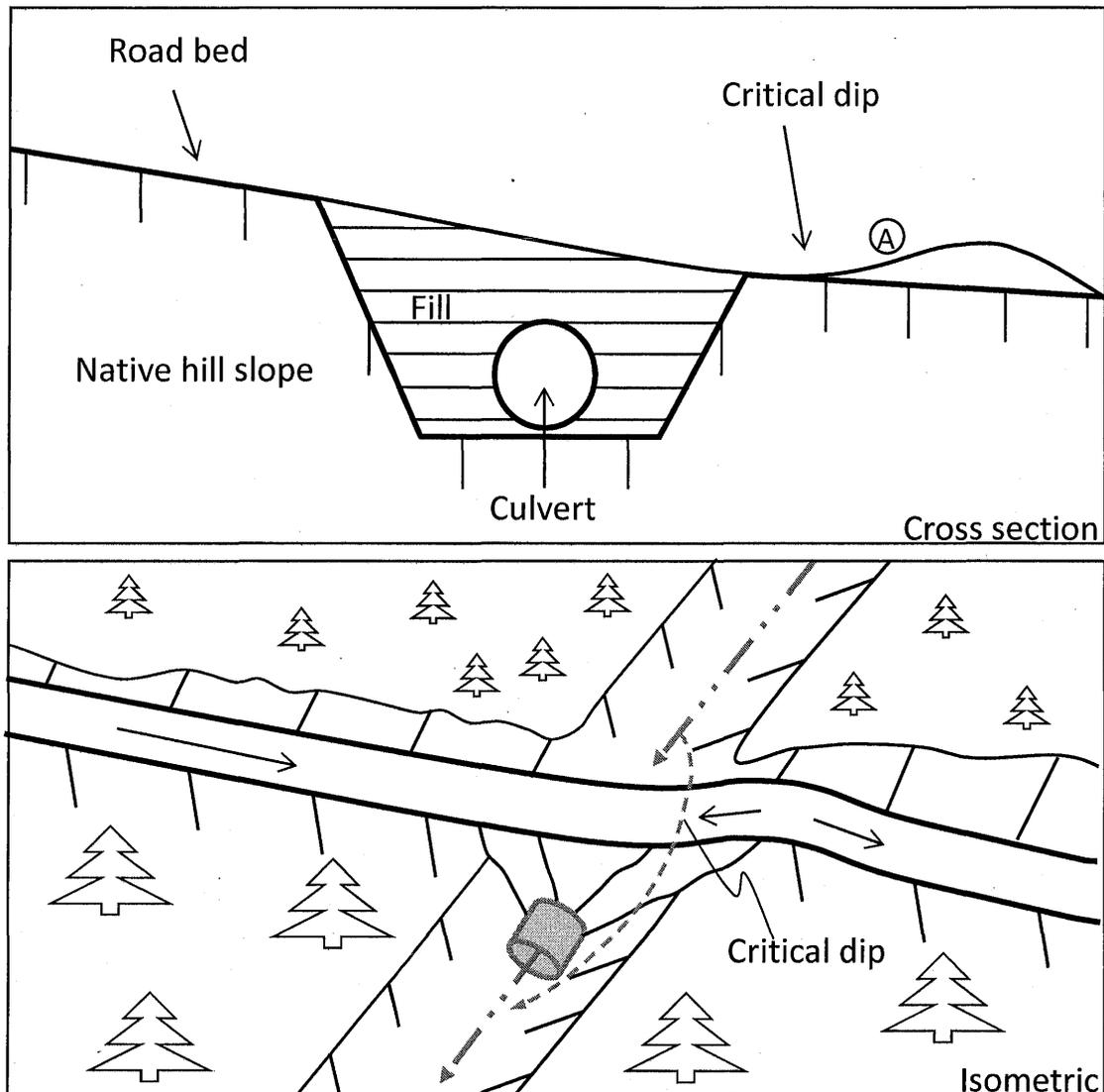
Mail to:

California Department of Fish and Wildlife
 Accounting Services Branch
 P.O. Box 944209
 Sacramento, California 94244-2090

Road Log of Treatments for <u>Newell Preserve Road Storm-proofing Project.</u>		
Site #	Treatment description	Material Needs
Rolling dip	Construct a rolling dip to drain road surface and cutbank. Ensure that dip reverses grade across entire road width. See typical drawing 11b for construction details.	
1	Dip road section to ensure flow exit at this location. Armor outboard fillslope with 3 cubic yards of 0.5 - 1' rock armor. See typical drawing# 7 for construction details.	3 yd ³ of 0.5 - 1' rock
2	No treatment at site.	
3	Construct an armored fill crossing using 25 cubic yards of 0.5-2' rock. See typical drawing# 7 for construction details.	25 yd ³ of 0.5 - 2' rock
4	Construct an armored fill crossing using 30 cubic yards of 0.5-2' rock. See typical drawing# 7 for construction details.	30 yd ³ of 0.5 - 2' rock
5	Gully draining to stream channel. Construct a rolling dip to drain road surface and cutbank. Ensure that the dip reverses grade across entire road width. See typical drawing# 11b for construction details.	
6	Outboard fillslope failure. Armor outboard fillface with 10 cubic yards of rock armor to increase road width at gully location.	10 yd ³ of 0.5 - 2' rock
7	Construct an armored fill crossing using 30 cubic yards of 0.5-2' rock. See typical drawing# 7 for construction details.	30 yd ³ of 0.5 - 2' rock
8	Construct an armored fill crossing using 30 cubic yards of 0.5-2' rock. See typical drawing# 7 for construction details.	30 yd ³ of 0.5 - 2' rock
9	Construct an armored fill crossing using 30 cubic yards of 0.5-2' rock. See typical drawing# 7 for construction details.	30 yd ³ of 0.5 - 2' rock
10	Construct an armored fill crossing using 20 cubic yards of 0.5-2' rock. See typical drawing# 7 for construction details.	20 yd ³ of 0.5 - 2' rock
11	Construct an armored fill crossing using 10 cubic yards of 0.5-2' rock. See typical drawing# 7 for construction details.	10 yd ³ of 0.5 - 2' rock
12	No treatment at site.	
13	Culverted stream crossing. 1) Remove culvert at crossing as well as culvert to the left. 2) Reconstruct crossing as a ford and armor roadbed through crossing (12' wide x 20' long) with 30 cubic yards of 0.5-1' rock armor. 3) Cut end of culvert off at culvert above site. 4) Endhaul all culverts off the property.	30 yd ³ of 0.5 - 1' rock
14	Construct an armored fill crossing using 10 cubic yards of 0.5-2' rock. See typical drawing# 7 for construction details.	10 yd ³ of 0.5 - 2' rock
15	Construct an armored fill crossing using 20 cubic yards of 0.5-2' rock. See typical drawing# 7 for construction details.	20 yd ³ of 0.5 - 2' rock

Road Log of Treatments for <u>Newell Preserve</u> Road Storm-proofing Project.		
Site #	Treatment description	Material Needs
16	Construct an armored fill crossing using 10 cubic yards of 0.5-2' rock. See typical drawing# 7 for construction details.	10 yd3 of 0.5 - 2' rock
17	1) Dip roadbed through spillway of pond. 2) Armor roadbed through axis of dip (12'wide x 25'long) with 20 cubic yards of 0.5-1' rock armor. 3) Lessen severity of outslope road on left side of dip to roadbed below.	20 yd3 of 0.5 - 1' rock
18	1) Remove culvert 2) Reconstruct crossing as a armored fill crossing. See typical drawing# 7 for construction details. 3) Armor roadbed through crossing (12'wide x 20' long) with 25 cubic yards of 0.5-1' rock armor. 4) Endhaul all culverts off the property.	25 yd3 of 0.5 - 1' rock
19	Culverted stream crossing. 1) Clean inlet of blackberry with chainsaw or weed-wacker. 2) Install single post trash rack above inlet. See typical drawing# 3 for details. 3) Construct a critical dip on right hingeline. See typical drawing# 1c for construction details.	Single post trash rack
20	Culverted stream crossing. 1) Clean inlet of blackberry with chainsaw or weed-wacker. 2) Install single post trash rack above inlet. See typical drawing# 3 for details. 3) Construct a critical dip along right hingeline of crossing. See typical drawing# 1c for construction details.	Single post trash rack

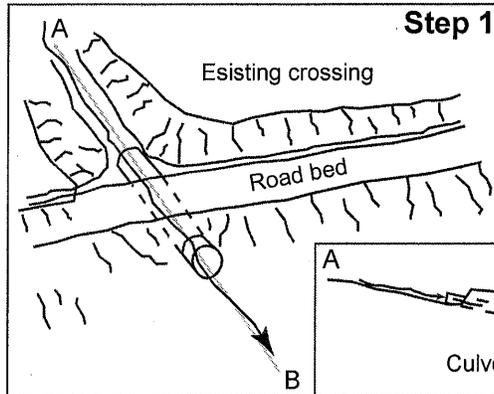
Typical Critical Dip Design for Stream Crossings with Diversion Potential



Critical Dip Construction:

1. Critical dip will be constructed on the lower side of crossing.
2. Critical dip will extend from the cutbank to the outside edge of the road surface. Be sure to fill inboard ditch, if present.
3. Critical dip will have a reverse grade (A) from cutbank to outside edge of road to ensure flow will not divert outside of crossing.
4. The rise in the reverse grade will be carried for about 10 to 20 feet and then return to original slope.
5. The transition from axis of bottom, through rising grade, to falling grade, will be in the road distance of at least 15 to 30 feet.
6. Critical dips are usually built perpendicular to the road surface to ensure that flow is directed back into the stream channel.

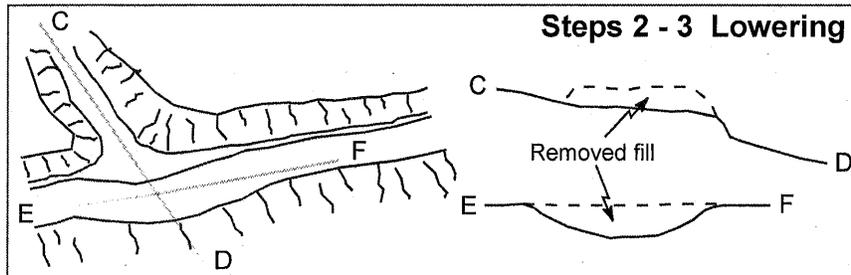
Ten Steps for Constructing a Typical Armored Fill Stream Crossing



Step 1

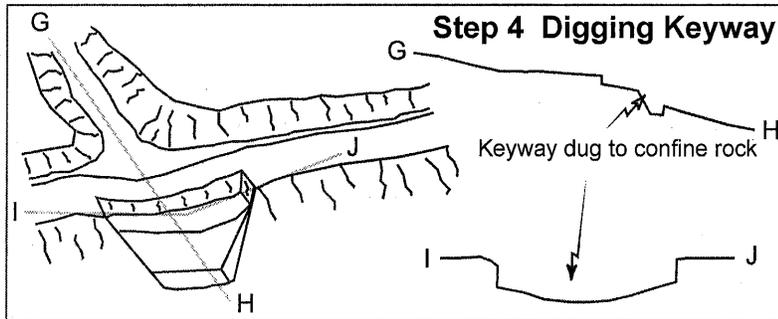
1. The two most important points are:

- A) **The rock must be placed in a "U" shape across the channel to confine flow within the armored area.** (Flow around the rock armor will gully the remaining fill. Proper shape of surrounding road fill and good rock placement will reduce the likelihood of crossing failure).
- B) **The largest rocks must be used to buttress the rest of the armor in two locations:** (i) The base of the armored fill where the fill meets natural channel. (This will buttress the armor placed on the outboard fill face and reduce the likelihood of it washing downslope). (ii) The break in slope from the road tread to the outer fill face. (This will buttress the fill placed on the outer road tread and will determine the "base level" of the creek as it crosses the road surface).



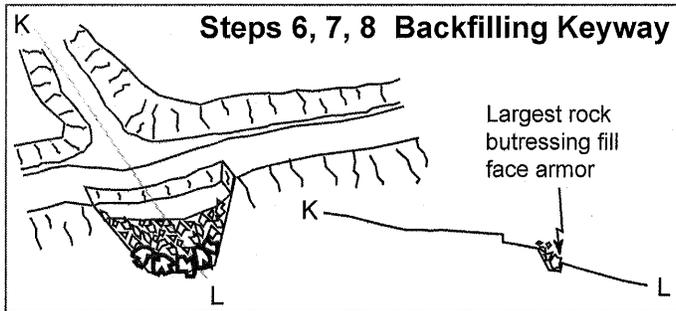
Steps 2 - 3 Lowering

2. **Remove any existing drainage structures** including culverts and Humboldt logs.
3. **Construct a dip** centered at the crossing that is large enough to accommodate the 100-year peak storm flow and prevent diversion (C-D, E-F).



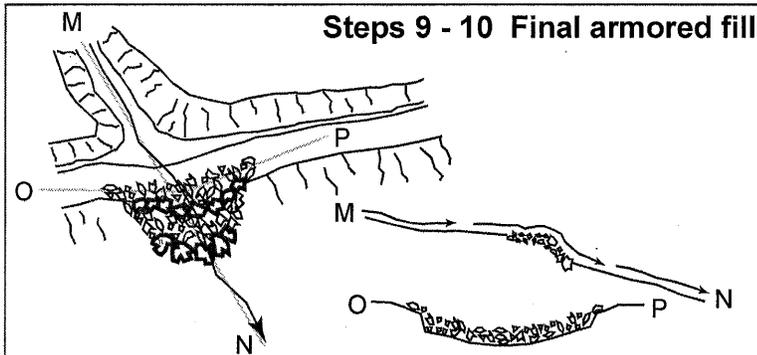
Step 4 Digging Keyway

4. **Dig a keyway** (to place rock in) that extends from the outer 1/3 of the road tread down the outboard road fill to the point where outboard fill meets natural channel (up to 3 feet into the channel bed depending on site specifics) (G-H, I-J).
5. **Install geofabric (optional)** within keyway to support rock in wet areas and to prevent winnowing of the crossing at low flows.



Steps 6, 7, 8 Backfilling Keyway

6. **Put aside the largest rock armoring** to create 2 buttresses in the next step.
7. **Create a buttress using the largest rock** (as described in the site treatments specifications) at the base of fill. (This should have a "U" shape to it and will define the outlet of the armored fill.)
8. **Backfill the fill face** with remaining rock armor making sure the final armored area has "U" shape that will accommodate the largest expected flow (K-L).



Steps 9 - 10 Final armored fill

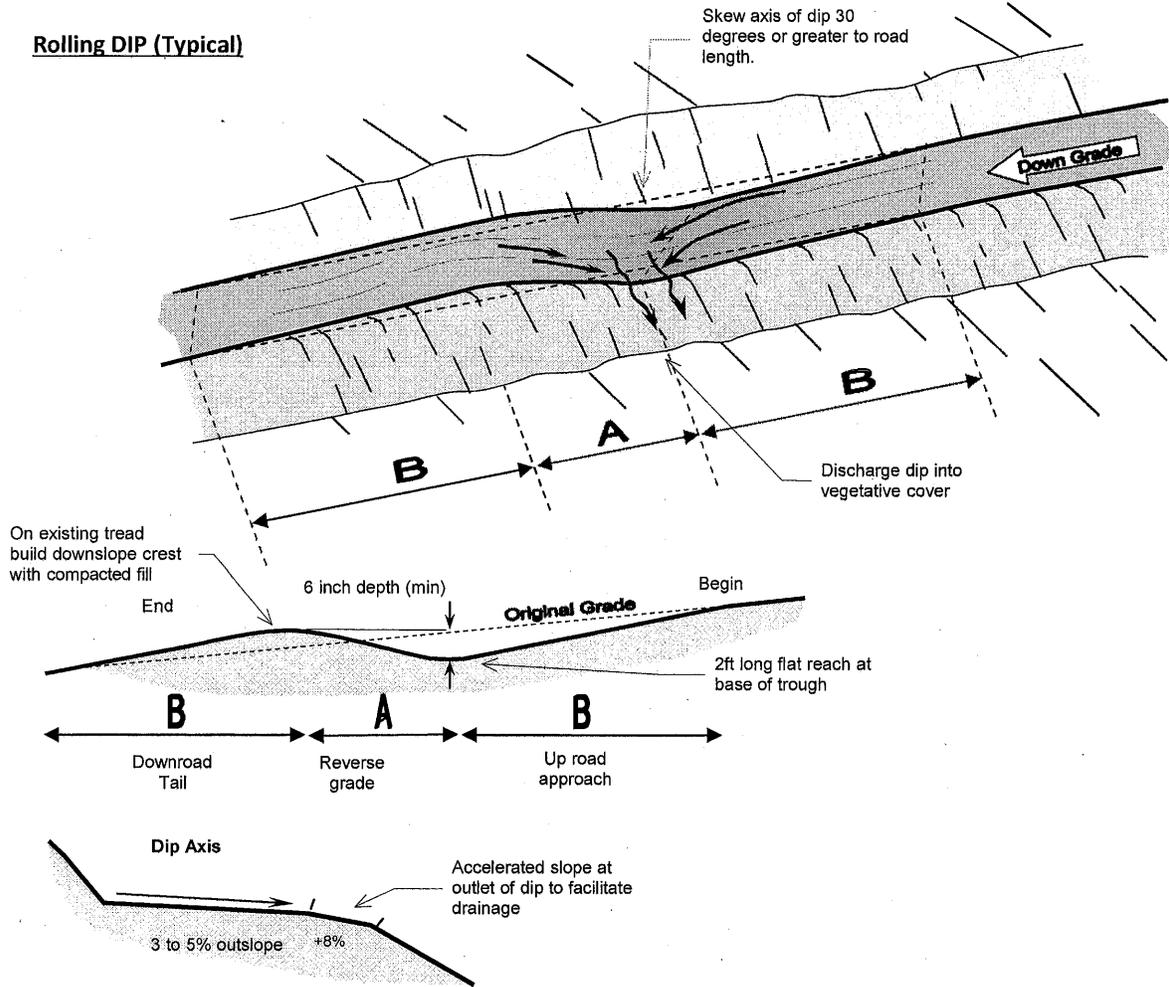
9. **Install a second buttress** at the break in slope between the outboard road and the outboard fill face. (This should define the base level of the stream and determine how deep the stream will backfill after construction). (M-N)
10. **Back fill the rest of the keyway** with the unsorted rock armor making sure the final armored area has a "U" shape that will accommodate the largest expected flow (O-P).

Typical Drawing #7

Pacific Watershed Associates Inc.

Geologic and Geomorphic Studies • Watershed Restoration • Wildland Hydrology • Erosion Control • Environmental Services
PO Box 4433 Arcata, CA 95518 / Ph: 707-839-5130 / FAX: 707-839-8168 / www.pacificwatershed.com

Rolling DIP (Typical)



ROAD GRADE (%)	TROUGH	A: REVERSE GRADE	B: UP ROAD APPROACH DOWN ROAD TAIL	
	Minimum depth below downslope crest	Minimum distance and grade from trough axis to downroad crest (ft)	Distance from up-road start of rolling dip to trough axis (ft)	Grade (%)
<5%	6 inches	15 feet at 5%	50	10%
10%			50	15%
15%			30	20%
>15%			7 feet at 10%	30

Rolling dip instructions:

- A rolling dip is a long, permanent dip constructed into native soils. The dip can be constructed to drain the inboard ditch or just the road surface.
- On existing roads the cut of the dip should start 30-50 feet upslope of the trough, with an outslope of 2-4%.
- Dip axis should be skewed down road at 30 degree off of centerline of road length – this will facilitate in efficiently draining the road without buildup of sediments in trough and makes the dip more drivable (i.e. the "roll" of the dip)
- The trough of the dip should be outsloped 3-5% with a flat reach of 2 feet.
- The reverse grade of the dip shall generally be sloped 5% for a minimum of 15 feet to form a minimum 6 inch deep dip. Road surface, where fill material will be placed, should be ripped first to ensure fill material interlocks with existing tread.
- The crest of the reverse grade should be a 2 foot long flat reach and the fill material should continue for a minimum of 30-50 feet before tapering to original grade.
- On roads steeper than 15% a steeper/shorter reverse-grade dip may be required.
- Dips shall be placed as specified in the plans. If not specified, then dips shall be placed at maximum 150-200 foot spacings.



A Tradition of Stewardship
A Commitment to Service

Assessor-Recorder-County Clerk
Recorder-Clerk Division

900 Coombs Street, Suite 116
Napa, CA 94559-2931
PO Box 298
Napa, CA 94559-0298

(707) 253-4247
Fax: (707) 259-8149

JOHN TUTEUR
ASSESSOR-RECORDER-COUNTY CLERK

2019-005

COUNTY CLERK'S CERTIFICATE OF POSTING

Pursuant to CEQA, Section 21152(c) of the Public Resource Code, I, L. Rodriguez, Deputy Recorder-County Clerk, certify that the attached notice was posted in the office of the Recorder-County Clerk at 1127 First Street Ste. A, Napa California, for the following time period: **02/05/2019** through **03/07/2019**.

Deputy Clerk Recorder

For: John Tuteur
Napa County Assessor-Recorder-County Clerk

Date

03/07/2019