Humbug Road Realignment Project
Response to Questions, #1
Nov. 5, 2026

Greetings, contractors! We are grateful for your close reading of our Oct 7, 2026 bid book. Your questions have led to an *addendum* (attached to this PDF – we recommend you read it first) including a *revised bid proposal form.*

The following responses will all make more sense if you have read the addendum. Here we go!

1.) **Please attach the gradations of the aggregate stockpile.** Attached.
2.) **SOW for tree clearing (add-alternate bid item 1, see updated proposal form bid item #25 in addendum): clarify specifications.**
    a.) **How far from road centerline will clearing be needed?** – We are only asking you to clear for constructability. You should clear dead trees – so they're not a hazard to you and your crews – to the grading lines and limits shown on the plans, i.e. the width identified on the plans for construction and sloping, *plus 10 feet on either side.* (See typicals p C4). This applies to the 26N33, 26N02, and new road construction segments. Additional clearing is allowed, of course, up to 200' on either side of centerline. We expect you to base your bid in Add-Alternate Bid Item 1 [Bid Item 25], however, on grading limits plus 10 feet on either side.

    b.) What about grubbing along 26N33 and 26N02 roads?
    Yes, you will need to perform grubbing within the grading limits on 26N33; factor this cost into bid item 1. You will need to perform grubbing within the grading limits on 26N02; factor this cost into bid item 6 on the new proposal form. If the Forest Service comes in and does work before your work starts, it won't change either of these bid items.

    In addition, you will also need to perform grubbing on the new construction segment. This grubbing is now its own bid item (new bid item 5) because it is possible the Forest Service will substantially grub this segment before your work starts. If they do, we would issue a change order. The price of bid item 5 would then be adjusted up or down (probably down) accordingly.

    c.) Depth and diameter of grubbing on new road alignment?
    Please refer to the grubbing specifications in the plans (page C2) and the following text from the Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects (affectionately known as FP24):
    Within the constructed road prism, all deleterious material shall be removed.
    (a) Grub areas to be excavated, except for cut slope rounding areas.
    (b) Grub embankment areas. Undisturbed stumps less than 24 inches in diameter may be left in place if they protrude less than 4 inches above the

original ground and will be covered with more than 48 inches of embankment. Remove all other stumps.
(c) Grub pits, channel changes, and ditches only to the depth necessary for the excavation.
(d) Backfill stump and grubbing holes with common backfill to the level of the surrounding ground according to Subsection 209.09. Compact backfill according to Subsection 209.10.

d.) **Where do we pile woody debris from clearing (bid item 25/add-alternate bid item 1) and grubbing (bid items 1, 5, and 6)?** Woody debris that wouldn't substantially impede a logging operation can be left where it lies. For extra debris, assume there will be a piling location at the project site, within 200 feet of the intersection of the new road construction segment and 26N33. You will not be hauling any woody debris off-site.

3.) **Can you clarify storage/disposal sites for rocks removed from the new construction segment during construction?** Assume you will be able to roll/place rocks anywhere they are out of your way in the forest, as long as they are not on top of some flagged area.

4.) **Please clarify the water drafting sites?** – On the bid walk, I noticed my map of water drafting sites got cut off and that made me worry I had put a faulty map in the bid packet. Looks like I had a printer problem, not a bid packet problem. The map in the original bid packet – showing 4 potential drafting sites – is correct. - Wolfy

5.) **In the event a boulder protrudes into the designed road grade, what are the acceptable tolerance limitations for field-adjusting the centerline profile?** – According to the Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, section 212.05, "Profile grade may be shifted a maximum of 5 feet from the plan elevation, provided the new grade tangent does not vary more than 2 percent from the plan grade tangent. Connect revised forward and back grade tangents with a uniform vertical curve consistent with the design." BCRCD and the project engineer will work with contractors to find the best solution to each protruding boulder or group of boulders on a case-by-case basis. Obviously, sometimes it's cheaper to mechanically fracture a boulder rather than go over it. However, this language from the Standard Specifications gives good flexibility.

6.) **Is there a max volume we can draft from the water drafting sites?** – Not specifically, but you have to leave flow in the creek – you can't draft the creek dry, even just for a short time. Depending on the season, you might want to use different sites on different days or something like that. You will need to use a fish/aquatic organisms screen. Here are the sites arranged from strongest flow to weakest: Butte (strongest), Willow West, L-T Creek, Rock Creek.

7.) **Tell us more about the geotech firm we'll be working with**. –This is a public contract, so we will circulate an RFP for geotech firms and go with the lowest qualified bidder. That said, we will stipulate that a geotech firm may not charge more on a second test (in case of a failed first test) than it did on the first. Contractors will be responsible for paying the cost of any secondary test as usual, but this should keep your costs fair.

8.) **Have you considered adding a bid item for mobilization?** Please reference the bid sheet; it is Bid Item 0.

9.) **Will the owner provide and pay for compaction testing?** Yes, we will pay for the first test; Contractor is responsible for all failed tests. We will ensure all tests cost the same.

10.) **What will be the frequency of compaction testing and specification requirements? Is [it] to be done as per Sheet C2 of the plans?** The notes on Sheet C2 do not supercede the Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects. For the purposes of estimation, assume compaction testing will be done about every 100 feet, randomly spread across the width of the roadway, with 2 tests in some pullouts and extra attention paid to culverts. If the contractor is achieving compaction according to the design plans, we may switch to nuc gauge testing about every 200 feet, combined with proof rolling with a loaded water truck for the entire length of the road in both directions.
Expect the frequency of compaction to be field-adjusted so we test more frequently in areas of more substantial fill, and less frequently on sections that seem more uniform/low-risk.

11.) **At the bid walk, it was discussed that the plans for site 95 seemed like overkill to many of us (including some project owners' representatives). Are there updated specs for site 95?** The short answer is no, at least not yet. All of us have been hard at work trying to value-engineer this, and we hope to have updated information to issue by addendum – but we don't have it yet. We will issue an addendum – or a statement that this item will remain unchanged for now – no later than November 25.

That said, if we do get a chance to value-engineer this crossing –either before bid opening by addendum, or afterward by change order – we do know it would reduce the quantity of Class V RSP needed. Therefore, for now we have decided to break out both the processing and the installation of the Class V riprap as separate bid items from the processing and installation of everything else. See updated proposal form.

12.) Quarry:

a.) What BMPs will be required for our processing/harvesting work? We were not able to get a clear answer on this by our deadline but we will get back to you by next addendum. We apologize for the delay.

b.) **Will MSHA come into play? -** Yes, most likely, since the work is taking place at an active quarry. Therefore, estimate your costs of MSHA compliance – this

likely comprises a preliminary notice, monthly reporting, and a safety meeting –and factor them into bid item 22 (rock procurement.)

13.) **Shouldn't there be a subcontractors form?** Yes! See addendum.

14.) **Sheet C15 is a full detail sheet for Site 99 on Humbug Summit Road at STA 34+71. It shows 50 linear feet of 24-inch CMP to be installed at -7.56 percent, removal of 34 linear feet of existing 24-inch CMP, 299 square feet of pipe bedding, a 198 square foot dissipater rock apron keyed with HDM Class I RSP, and 1,466 square feet of stream approach protection. Under which bid item is the Site 99 work measured and paid?** You are right, Site 99 was mistakenly left out of the original bid packet. See updated bid proposal form where it is now bid item 14.

15.) **Sheet C10 numbers nine rolling dips on 26N02 and sheets C13 and C14 number eleven on the BU 91513 rebuild, against eight and twelve in bid items 5 and 10. Could you confirm the count carried in each item?** You are correct: the BU91513 rebuild has 11 rolling dips plus 1 critical dip; 26N02 has 9 rolling dips. The proposal form has been updated to reflect this. The total rolling dips in the project is 34. (11 + 9 + the 9 on 26N33 + the 5 on new construction segment).

16.) **Sheet C2 stream crossing note 13 calls for a Carsonite marker at every new crossing, and the bid schedule names them only in items 2 and 9. Are they included in items 3, 6, 7 and 8?** Two carsonite reflectors get installed at each culvert crossing (one on each side of the road) in order to delineate the location of the culvert pipe. Therefore, you're right, carsonite reflector installation should have been included in every crossing upgrade bid item, plus in two of the road segment construction bid items (those that include ditch relief culverts). The proposal form has been updated to reflect this.

Also, the total number of carsonite markers needed for the whole project is 42, not 30, and the proposal form has been updated to reflect this as well.

17.) **The Proposal Form asks for a lump-sum quote per subtask and also carries linear foot quantities, a unit price column and the 25 percent variation rule. Are items 1 through 18 bid as unit prices or as lump sums?** It depends on what is shown in the "Unit" column. Bid items that say Lump Sum" in the "Unit" column should be bid as lump sums. Bid items that say "Each" or "LF [linear feet]" should be bid by providing a cost per unit in the "Unit Price" column, then multiplying that by the number provided in the "Quantity" column. The result should be written in the "Total" column.

18.) **We find no geotechnical report, boring log or test pit record in the package or on the sheets. Is any subsurface data available for the new alignment or the**

culvert sites? We don't think so, but we have asked the design engineer about this and will report back on this in a second addendum if we find anything out.

19.) **The bid walk described acceptance against Butte County specifications, and we find no Butte County road standard named in the Contract Documents or on the plans. Which published standard is the basis for inspection and acceptance?** The finished construction will be accepted based on its conformance to the design plans. The project is to be constructed in accordance with the design plans and the Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects.

20.) **Sheet C4 calls for 727 cubic yards of HDM Class I RSP and sheet C3 detail 2 calls for Class II riprap at rolling dip outlets. The Section 2 quarry table lists neither class and allows neither. Are both available from the quarry under the minerals permit, or are they to be imported?**
20A Related question: **Section 2 p. 11 gives pit run as 2,860 cubic yards and sheet C4 and the C9 table give 2,133, all of it on the new construction segment. Which quantity governs?**

Answer: Pit run rock is assumed to be about 6"-8" in diameter, which is similar enough to Class I RSP that the FS combined them on the permit (2133 + 727 = 2860). The 2,860 cy number (which is allowed per the quarry permit) should be construed as covering all the project's RSP class I needs.

As for the Class II riprap (averaging 9 inches diameter), you're right it is shown in the typical for rolling dips, but is never mentioned anywhere else in the plans. The amount of RSP Class II needed for the project will be nominal, usually only 2 cy per rolling dip (there are 34 rolling dips in the project, so that's about 3 truckloads if you needed to import it). When constructing rolling dips, if class I RSP is not large enough to work into the rolling dips, screen some Class II from the quarry and we think you'll be good to go.

21.) **The Section 2 quarry table gives 82 cubic yards of HDM Class III and 521 of Class V riprap called for, against 542 cubic yards present, described as "blended together in one pile. Needs to be processed for further gradation." That is 603 called for against 542 present, a shortfall of 61 cubic yards before any processing loss. At the bid walk it was said that the riprap pile is possibly just shy of what the plans call for, that some material would need breaking down to meet the specification, and that a gradation other than strict Class III might be acceptable. Could you confirm whether riprap outside the specified gradation will be accepted, and how any shortfall against the plan quantity is to be made up?**

Yes, riprap outside the Class III specification is likely going to be acceptable.

Your math is correct, but we think the riprap called for at Site 95 (which accounts for 100% of the project's Class V) can be value-engineered such that the project will not require more riprap than is available at the quarry. We're asking FS about this. ***TL;DR*** we think we can adjust the limits of the riprap placement so that the permit quantities will be adequate. *This is why we decided to break out both the processing and the installation of the Class V riprap as separate bid items* [see updated proposal form].

22.) **Sheet C4 typical section 8 shows pit run 1 to 2 feet deep at 95 percent, sheet C2 note 4 gives a minimum of 1 foot at 90 percent, and the C9 table computes at 1.5 feet. Could you confirm the design depth and the required relative compaction?** Depth will need to vary across the project site, and the plans were developed based on the assumption that depth will vary between 1 and 2 feet, with a minimum depth of 1 foot. Let's use the Sheet C2 note 4 compaction specification of 90%.

23.) Sheets C2 and C4 defer culvert conformance to the Special Provisions, which are not in the package, and no metallic coating or corrugation profile appears on any of the sixteen sheets. Could you state the required metallic coating and corrugation profile? We would also appreciate confirmation of the required wall gauge. Sheet C2 gives thickness by round pipe diameter in brackets of 12 to 24 inch, 30 to 72 inch, 84 to 96 inch and over 96 inch, and most of the work is pipe arch with two dimensions. On that reading Site 26 at 42 by 29 inch and Site 97 at 81 by 59 inch each fall between brackets, and Site 25 at 35 by 24 inch returns 12 gauge on its span and 14 gauge on its rise. Which dimension governs the gauge for a pipe arch, and what gauge applies at Sites 25, 26 and 97?

When pipes fall between brackets, the pipe should always be placed using the heavier/thicker gauge steel. This link will take you to a standard CMP equivalency calculator. https://www.ncspa.org/pipe-arch-equivalency-calculator/

The example that references the 35"x24" arched CMP at Site 25, is the equivalent of a 30" diameter round CMP with 2-2/3x1/2 inch corrugation. If you select a different corrugation size or pattern and input 30 inch in the pipe equivalency category, it will return a different arched pipe size.

As for the coating, that's a question for the design engineer and we'll let you know when he gets back to us.

24.) Access on the approach road limits the large arch structures to sectional delivery and field assembly, as discussed at the bid walk. Could you confirm that the Contractor may select the field joint treatment and the number of sections to suit that constraint, with coupler and gasket quantities to match and no change in the contract price, provided the completed structure meets the lines, grades and cover shown? The sheet C4 coupler counts appear to assume standard lay lengths.

With respect to culvert assembly, different manufacturers have different standards for their products. The final assembly must be in accordance with the culvert manufacturer's design/assembly criteria. The project owners' focus for the deliverable is the lines, grades, cover, and performance. The installed culvert must meet the design criteria and must perform; how the contractor gets there is up to the contractor's individual means/methods.

25.) If the Forest Service logging award status is still unknown at bid opening, on what basis should add-alternate item [25] be priced? See question 2.

26.) If clearing falls to the Contractor, is the method lop-and-scatter within the clearing limits, or full removal and haul of felled material? Lop-and-scatter. That said, you will probably encounter pockets of heavy material you'd rather get further out of your way. For this scenario, you can create a piling zone for yourself in the vicinity of the junction of new construction and 26N33.

27.) Sheet C2 clearing note 3 calls for organic matter to be removed from the project area and stockpiled where Butte County directs, and the Section 5 bid assumptions describe burn piles on the same Forest Service section. Which applies, and if material leaves the project area, to what location? See above. The Forest Service, not Butte County, will identify a location where piles of organic matter can be placed. The location will be on the same Forest Service section as the project.

28.) BCRCD described at the bid walk stockpiling causeway material on site for the meadow restoration contractor. Could you confirm in writing which add-alternate item [26] materials are stockpiled and where, which are hauled off, and whether the eco-blocks and K rails are removed or left in place?

All rock, soil, gravel and aggregate from the decommissioning of the road can be left on site. A Butte County maintenance crew will come and collect the K rails/eco-blocks once decommissioning begins. That leaves "deleterious materials" such as the old culverts, chunks of concrete no one has a use for, rebar etc. That stuff will need to be hauled off.

28A Related question: **Sheet C2 calls for unsuitable and surplus material to be disposed of "per Caltrans Standard Specifications and/or the Special Provisions" and names no edition. Which edition of the Caltrans Standard Specifications governs, and do its errata and Revised Standard Specifications apply?**

In general, you would use the latest version, as revised. Is there some reason a different version would be preferable? If there is a specific problem or question related to the disposal or unsuitable and surplus material, let's hear it!

29.) Section 2 item 18 places the materials tester with BCRCD and GC 13.2.1 places inspection and testing required by a public authority with the Contractor. Could you confirm who pays for initial acceptance sampling and who pays for re-testing following a failed test?

BCRCD will pay for initial acceptance sampling and the contractor will pay for re-testing following a failed test; however, BCRCD will stipulate to any materials tester we enlist that *initial tests and re-tests must be at the same cost.*

30.) BCRCD indicated at the bid walk that acceptance may move from density testing to a visual method specification once initial results are satisfactory. What criteria or number of passing tests would trigger that change, and would it apply to road base, pit run and fill alike?

Ultimately, the project owners expect to see a road built according to the signed 100% design documents, your contractor, materials testers, and RAR have flexibility in how they get there.and we will work with the contractor to Sheet C2 identifies the design (compaction) requirements (summarized below).

Component	Requirement shown on C2	Note
Embankment fill	Minimum **90% "relative density"**; lifts no greater than **8 inches**	Excavation & Grading 5
Fill compacted by track walking	Permitted with proper moisture; maximum **6-inch lifts**	Excavation & Grading 6
Earth within 1 foot beneath roadway	Minimum **90% "relative density"**, moisture-controlled before rock placement	Excavation & Grading 8
Pit-run rock	Minimum **90% "relative density"**; 6–8-inch rock, minimum 1-foot depth	Aggregate Surfacing 4
Aggregate base (AB)	Minimum **95% relative compaction**; layers not exceeding **0.30 foot (3.6 inches)**	Aggregate Surfacing 6–8

31.) Are days lost to a Project Activity Level Ev or E restriction an excusable delay under GC Article 12, and are the Appendix C non-working day estimates the contractual baseline against which such a delay is measured?

There is no category called "excusable delay" in the contract documents, but, yes, forest closure orders and days lost to a Project Activity Level Ev or E restriction over and above the Appendix C non-working day estimates could be considered allowable delays *if the contractor started work in accordance with a projected schedule that allowed adequate time for work completion by the project deadline.* Time is of the essence in this project and it is critical that contractors begin work as early in the year as weather conditions permit. To the extent that a contractor waits to begin work until after the notice to proceed has been issued, extensions of time based on subsequent weather events will be less likely to be approved by BCRCD.

32.) Agreement V.D states that no change will be ordered which extends substantial completion beyond the fixed date, while GC Article 12 provides for extensions and GC 12.2 computes liquidated damages from the date "as adjusted." Can the 15 August 2027 date be extended, and if so by what mechanism?

Time is of the essence in this project. Every effort should be made to start early and finish work as soon as possible. Yes, extensions may be made in case of excusable delays such as Forest Closure orders (see previous question). The mechanism for an extension is always a change order. Proposals for change orders are not guaranteed to be accepted. They are subject to review and approval by BCRCD.

33.) BCRCD indicated openness to value engineering on the major crossings, with direction possibly coming after the close of bid. Will any alternative be issued by addendum before bid opening, and if direction is given after opening, how would the resulting change be priced? - We are working on this, and if we are able to come to an agreement with FS and BCPW to change the culvert specs within a week before bid opening, we would issue the revision by addendum. If we are able to come to an agreement later, the revision would occur by change order after award. If the revision reduced the cost of a crossing(s), then that change order would be expected to reduce the overall contract price.

34.) GC 1.35 makes Butte County and the Lassen National Forest Property Owners with final right of construction quality approval, and a memorandum of understanding covering this reconstruction was referred to at the bid walk. Could you confirm that BCRCD's Project Manager and Project Engineer are the sole source of direction, acceptance and stop-work authority, state how a direction from Butte County or the Forest Service should be handled, and provide a copy of the memorandum?

BCPW states, “Butte County and/or USFS will work through BCRCD, the Project Manager. Contractors should not hear from BCPW directly, with one exception…the Encroachment Permit. Contractor will likely be named on the permit and may have to interact with our County permits staff as needed.”

The memorandum between BCRCD and BCPW is attached to this document. We may have also discussed the project agreement between BCPW and the Forest Service at the bid walk, so in case that is what you were looking for, that one is also attached to this agreement. ***Please note:*** These 2 agreements address 2 different relationships. They only provide context – they are not part of the contract documents and should not be treated as a substitute for obligations specified in the contract documents.

35.) GC 11.3.1 pays force account equipment under Sections "Labor" and "Materials," and the General Conditions contain no equipment subsection. What rate basis applies to Contractor-owned and rented equipment on force account work?

The most recent published equipment rates per the CalTrans Equipment Rental Rate Book.

36.) GC 14.4.6 refers to "the retention amount required by these Contract Documents," and we find no percentage stated anywhere in the package. What percentage is retained from each progress payment?

5% retention.

37.) GC 1.5 includes labor and material payment bonds in the definition of Bonds and GC 14.11 refers to payment bond sureties, and no section of the package requires one. Is a payment bond required, and if so in what amount and on what form?

No payment bonds on this project.

38.) GC 14.2.1 reads "Once work is complete Contractor shall submit an Application for Payment," against GC 14.4.1. Could you confirm that progress payments are

made during performance, and whether aggregate processed and stockpiled on site and culvert material delivered to the site are payable before incorporation?

Yes, progress payments are made during performance.

The bid items in the bid list provide two distinct opportunities for the contractor to be paid for the rock types. First, during bid items 22 and 23 [these used to be 18] which is production/processing /stockpiling of the rock; second, during the placement of the rock in construction of the roadway and crossings.

Partial payments of each bid item will be made based on level of completed aggregate processing (under bid items 22 and 23) and linear feet of completed road segments constructed (under respective bid items). As an example, if the contractor processes and stockpiles approximately half of the aggregates needed for the project (excluding Class V RSP), then their invoice should reflect approximately half of bid item 22.

If the contractor decides to bid the project by pushing all of their aggregate production costs into each of the culvert installations and roadways, and hardly any costs into bid items 22/23, then they won't be able to invoice for as much money in bid item 22/23 even if they have processed all of the projects rock.

39.) Section 4 item 9.A gives payment within 45 calendar days and GC 14.4.1 gives 30. Which governs?

Since we have a Forest Resiliency Bond to provide no-interest loans on this project, we feel confident we can turn around any invoice of over $25,000 in 30 days.

40.) Bid item 16 makes the Butte County encroachment permit a Contractor lump sum item, and sheet C2 general note 16 places all construction permits with the Forest Service and Butte County. Which governs, and if the permit is the Contractor's, what is the application fee?

The Butte County encroachment permit is to be handled by the Contractor. The application fee is $440 at time of this writing. All other permits are being handled by BCRCD.

41.) Section 2 places the SWPPP with BCRCD. Could you identify the Legally Responsible Person under the Construction General Permit, the Qualified SWPPP Developer and Qualified SWPPP Practitioner, and the permit Risk Level, and confirm which party performs BMP installation, inspection and reporting?

The Legally Responsible Person is Thad Walker, BCRCD District Manager, and the Duly Authorized Representative is Faith Churchill, Watershed Project Manager at BCRCD. The Qualified SWPPP developer and Qualified SWPPP Practitioner is Kara Rockett of Plumas Corps. The Permit Risk Level is 2. The contractor performs BMP installation. Plumas Corps, with assistance from BCRCD as permissible by law, performs inspection and reporting.

42.) Is this contract public works under California Labor Code 1720 and following, such that DIR contractor registration under 1725.5, electronic certified payroll

reporting to the DIR, and the DAS 140 and 142 apprenticeship obligations apply alongside the Davis-Bacon requirements at Section 4 item 7?

Since we are applying only federal funds to federal lands, we don't think those California DIR provisions apply. However, we are double-checking with counsel and we will get back to you by the second addendum.

43.) The Agreement at p. 32 states that the applicable federal wage determination "shall be attached as an Appendix to this agreement," and no such appendix is in the package. Could you confirm the wage determination applicable to this contract, and the construction type classification under it? Our reading is General Decision CA20260007, Modification 5 of 3 September 2026, Heavy and Highway construction. Could you also confirm whether that determination is locked at bid opening or at award?

We agree with you that General Decision CA20260007, Modification 5 of 3 September 2026, Heavy and Highway construction would be the applicable determination and classification. The wage determination will lock in 10 days prior to bid opening. If Department of Labor issues a notification that the wage determination will change on a given date during construction in 2027 *and this notification is issued 10 days or more before bid opening,* then base your estimates on your knowledge of the 2027 wage.

44.) The package carries Equal Opportunity and Davis-Bacon and none of the other contract provisions required by 2 CFR Part 200 Appendix II for a federally funded award, including Copeland, Contract Work Hours and Safety Standards Act overtime, Clean Air Act and Clean Water Act, debarment as a clause, Byrd anti-lobbying, domestic preference, recovered materials, and the 2 CFR 200.337 access rights. Will a federal provisions exhibit be issued by addendum?

Please refer to Section 2 of the bid packet. The contractor will need to comply with all provisions of 2 CFR Part 200, as amended.

45.) The Special Provisions, FSSS 705, the Pacific Watershed Associates Handbook, the Erosion Control Plan and the Willow Creek Meadow Restoration Concept Design Plan of January 2023 are each named as governing on the plans and none is in the package. Will the Special Provisions be issued, and could the other four be made available to bidders? On FSSS 705 in particular, sheet C4 typical section 6 calls for 4 to 6 inch diameter drain rock armoring citing FSSS 705, while Section 705 of FP-24 Table 705-1 gives Class 2 riprap as 15 to 21 inch rock at 270 to 750 pounds. Has a Forest Service supplemental specification been incorporated into this contract, and if not, what governs the rock classes and gradations on the plans?

"Special Provisions" will not be issued. The PWA Handbook ("Updated Handbook for Forest, Ranch and Rural Roads" can be found online, but we don't think you'll find much there that isn't already in the 100% design plans. The Erosion Control Plan is still forthcoming (as part of the SWPPP/Construction General Permit). The Willow Creek Meadow Restoration Concept Design Plan can be shared with the awardee but it should not bear significantly on the project cost.

Sheet C4 references FSSS 705 in order to draw the project owner's attention to the AASHTO tolerances (which the project's rock source meets). It is not intended to indicate a particular class (size) of RSP.

Also, the table in section 705 does not state that Class 2 riprap is 15-21 inches at 270-750 pounds; it states that 100% of Class 2 riprap will be either that size *or smaller*. It goes on to state that 50% of Class 2 riprap will be *equal or smaller than* 8 to 11 inches (42 to 110 lbs). Therefore, we think of Class 2 as having a median diameter of 8-11 inches.

46.) Bid item 12 [now 16**], Section 2 item 12 and the sheet C10 quantity table each cite "Sheet C4, detail 11" for the trash racks. Detail 11 is the sediment basin and detail 9 is the trash rack, and the same C10 table cites detail 11 again, correctly, for the sediment basin. Could you confirm that item 12** [now 16] **covers four trash racks only, and identify which bid item pays for the single sediment basin at Site 96, which has no item of its own?**

You are correct; the bid item in question should be only the 4 trash racks. The proposal form has been updated accordingly.

As for the sediment basin, we have added Site 96 as a new bid item in the Base Bid. It is bid item 10.

47.) Bid item 17 [now 21] **covers a water truck for site and haul-route dust control, and Appendix C section 4E separately calls for a 300-gallon tank truck or trailer with a rated pump stationed at each active landing whenever Project Activity Level B or higher is in effect. May one unit satisfy both, and if not, could you confirm that the fire-plan unit is a fire plan compliance cost spread across the bid items rather than part of item 17** [21]**?**

No, one unit may not satisfy both. You will need a dedicated water truck for dust control and construction water, and a separate dedicated 300-gallon tank truck or trailer with a rated pump stationed at each active landing whenever Project Activity Level B or higher is in effect.

Your fire plan compliance cost should be spread across all bid items.

48.) I HAVE MORE QUESTIONS NOW! Will you open a second period for questions?

We sure will! November 19th is your new cutoff for second-round questions. We will answer all your questions by at least 7 calendar days before bid opening. Currently, that date would be Thursday, November 26th (Thanksgiving). Depending on the number and complexity of the questions, we might need to extend the bid date by another week so we have time to get you good information. In other words, we may issue an addendum to extend the bid date during the week of Thanksgiving if we feel it's warranted.

END OF RESPONSE TO QUESTIONS

Rock Gradations and Testing Results

NV5

DSA LEA No. 284

PARTICLE SIZE DISTRIBUTION TEST WORK SHEET

ASTM D422, C136

DSA File No. _____

DSA App No.

Sieve Only Analysis Worksheet

Project No.	71638.00.001	Project Name:	BCRCD Scotts John Quarry			Date:	07/16/26
Sample No.	071626A	Boring/Trench:		Depth, (ft.):		Tested By:	DOC/KJC
Description:	(10 YR 4/3) Dark Grayish Brown Well-Graded Gravel w/ Silt and Sand (GW-GM)					Checked By:	DJP
Sample Locatior						Lab. No.	C26-144

Moisture Content Data:			Total Material Sample Data:		
Pan ID			Dry Soil Weight.	11,471.50	(gm)
Pan Weight		(gm)	Total Wet Weight	11,471.50	(gm)
Wet Soil + Pan		(gm)	Total Dry Weight	11,471.50	(gm)
Dry Soil + Pan	11,471.50	(gm)	Total Dry Wt. >#4 Sieve	7,003.00	(gm)
Water Weight	0	(gm)	Total Dry Wt.<#4 Sieve	4,468.50	(gm)
Dry Soil Weight	11,471.50	(gm)	Total Dry Wt. <#200 Sieve	869.93	(gm)
Moisture Content	0.0	(%)	Total Percent <#200 Sieve	7.58	(%)

GRAVEL PORTION SIEVE ANALYSIS
(Portion Retained On > #4 Sieve)

	Sieve Size	Particle Diameter		Dry Weight Retained On Sieve	Dry Weight				
		Inches (in.)	Millimeter (mm)	(gm)	Retained On Sieve (gm)	Accum. On Sieve (gm)	Passing Sieve (gm)	Percent Passing (%)	USFS F (Haul) Gradation Requirements
	6 Inch	6.0000	152.40		0.00	0.00	11,471.50	100.0	
	3 Inch	3.0000	76.20		0.00	0.00	11,471.50	100.0	
	2 Inch	2.0000	50.80		0.00	0.00	11,471.50	100.0	
	1.5 Inch	1.5000	38.10		0.00	0.00	11,471.50	100.0	
	1.0 Inch	1.0000	25.40		0.00	0.00	11,471.50	100.0	97-100
	3/4 Inch	0.7500	19.05		0.00	0.00	11,471.50	100.0	76-89
	1/2 Inch	0.5000	12.70	2,386.00	2,386.00	2,386.00	9,085.50	79.2	
0.38	3/8 Inch	0.3750	9.53	1,735.40	1,735.40	4,121.40	7,350.10	64.1	
	#4	0.1870	4.75	2,881.60	2,881.60	7,003.00	4,468.50	39.0	43-53
	PAN			4,468.50	4,468.50				

SAND PORTION SIEVE ANALYSIS
(Portion Retained On < #4 Sieves)

Representative Sample Data:

Pan ID			#200 Wash Data:		
Pan Weight		(gm)	Portion >#200 Sieve:	396.70	(gm)
Wet Soil + Pan		(gm)	Portion <#200 Sieve:	95.90	(gm)
Dry Soil + Pan	492.60	(gm)	Percent <#200 Sieve	19.47	(%)
Dry Soil	492.60	(gm)	Total Wt. <#200 Sieve	869.93	(gm)

	Sieve Size	Particle Diameter		Dry Weight Rep. Sample		Total Sample Weight Retained (gm)	Accum. Grand Total On Sieve (gm)	Total Percent Passing (%)	
		Inches (in.)	Millimeter (mm)	Retained On Sieve (gm)	Percent Retained (%)				
	#8	0.093	2.360	155.90	31.65	1,414.21	8,417.21	26.6	23-32
	#20	0.033	0.850	127.60	25.90	1,157.49	9,574.70	16.5	
	#40	0.017	0.425	47.40	9.62	429.98	10,004.68	12.8	15-23
	#60	0.010	0.250	24.60	4.99	223.15	10,227.83	10.8	
0.15	#100	0.006	0.150	20.90	4.24	189.59	10,417.42	9.2	
0.08	#200	0.003	0.075	20.30	4.12	184.15	10,601.57	7.58	10-16
	PAN			Discard					

PARTICLE SIZE DISTRIBUTION

ASTM D422, C136

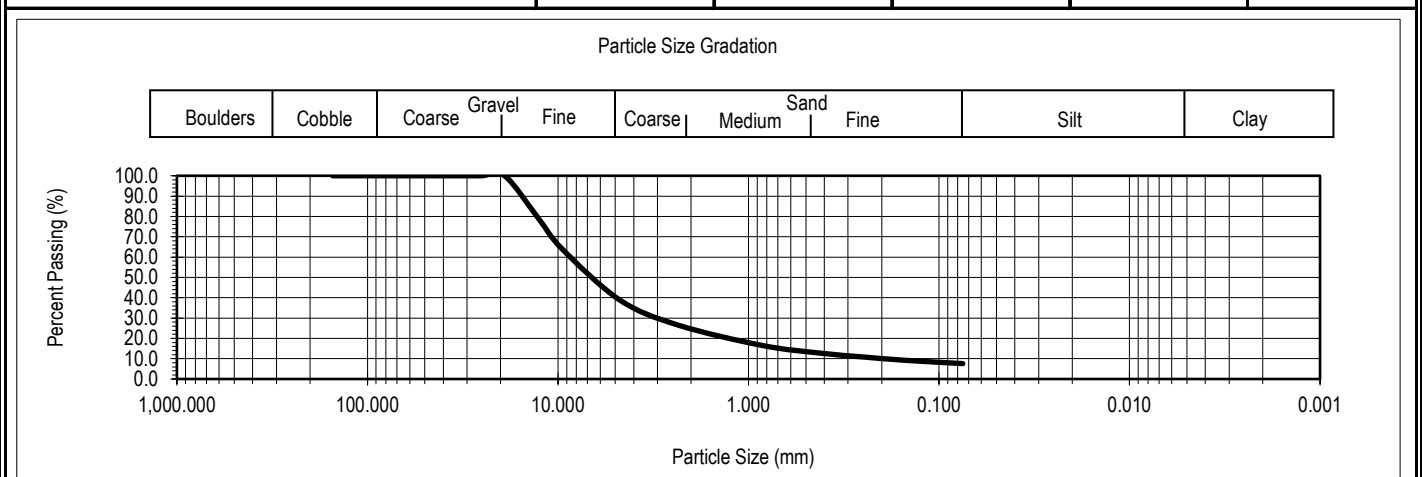
DSA LEA No.: 284

Project No.	**71638.00.001**	Project Name:	**BCRCD Scotts John Quarry**	Date:	**7/16/2026**
Sample No.	**071626A**	Boring/Trench:		Depth, (ft.):	Tested By: **DOC/KJC**
Description:	**(10 YR 4/3) Dark Grayish Brown Well-Graded Gravel w/ Silt and Sand (GW-GM**				Checked By: **DJP**
Sample Location:	**0**				Lab. No. **C26-144**

Sieve Size (U.S. Standard)	Particle Diameter Inches (in.)	Particle Diameter Millimeter (mm)	Dry Weight on Sieve Retained On Sieve (gm)	Dry Weight on Sieve Accumulated On Sieve (gm)	Dry Weight on Sieve Passing Sieve (gm)	Percent Passing (%)
6 Inch	6.0000	152.4	0.00	0.0	11,471.5	**100.0**
3 Inch	3.0000	76.2	0.00	0.0	11,471.5	**100.0**
2 Inch	2.0000	50.8	0.00	0.0	11,471.5	**100.0**
1.5 Inch	1.5000	38.1	0.00	0.0	11,471.5	**100.0**
1.0 Inch	1.0000	25.4	0.00	0.0	11,471.5	**100.0**
3/4 Inch	0.7500	19.1	0.00	0.0	11,471.5	**100.0**
1/2 Inch	0.5000	12.7	2,386.00	2,386.0	9,085.5	**79.2**
3/8 Inch	0.3750	9.5	1,735.40	4,121.4	7,350.1	**64.1**
#4	0.1870	4.7500	2,881.60	7,003.0	4,468.5	**39.0**
#8	0.0929	2.3600	1,414.21	8,417.2	3,054.3	**26.6**
#20	0.0335	0.8500	1,157.49	9,574.7	1,896.8	**16.5**
#40	0.0167	0.4250	429.98	10,004.7	1,466.8	**12.8**
#60	0.0098	0.2500	223.15	10,227.8	1,243.7	**10.8**
#100	0.0059	0.1500	189.59	10,417.4	1,054.1	**9.2**
#200	0.0030	0.0750	184.15	10,601.6	869.9	**7.6**

7.6

Hydrometer



NV5

DSA LEA No. 284

PARTICLE SIZE DISTRIBUTION TEST WORK SHEET

ASTM D422, C136

DSA File No. _____

DSA App No.

Sieve Only Analysis Worksheet

Project No.	71638.00.001	Project Name:	BCRCD Scotts John Quarry			Date:	07/16/26
Sample No.	071626B	Boring/Trench:		Depth, (ft.):		Tested By:	DOC/KJC
Description:	(10 YR 4/3) Dark Grayish Brown Well-Graded Gravel w/ Silt and Sand (GW-GM)					Checked By:	DJP
Sample Locatior						Lab. No.	C26-144

Moisture Content Data:			Total Material Sample Data:		
Pan ID			Dry Soil Weight.	11,370.30	(gm)
Pan Weight		(gm)	Total Wet Weight	11,370.30	(gm)
Wet Soil + Pan		(gm)	Total Dry Weight	11,370.30	(gm)
Dry Soil + Pan	11,370.30	(gm)	Total Dry Wt. >#4 Sieve	6,380.10	(gm)
Water Weight	0	(gm)	Total Dry Wt.<#4 Sieve	4,990.20	(gm)
Dry Soil Weight	11,370.30	(gm)	Total Dry Wt. <#200 Sieve	950.68	(gm)
Moisture Content	0.0	(%)	Total Percent <#200 Sieve	8.36	(%)

GRAVEL PORTION SIEVE ANALYSIS
(Portion Retained On > #4 Sieve)

	Sieve Size	Particle Diameter		Dry Weight Retained On Sieve	Dry Weight				USFS F (Haul) Gradation Requirements
		Inches	Millimeter		Retained On Sieve	Accum. On Sieve	Passing Sieve	Percent Passing	
		(in.)	(mm)	(gm)	(gm)	(gm)	(gm)	(%)	
	6 Inch	6.0000	152.40		0.00	0.00	11,370.30	100.0	
	3 Inch	3.0000	76.20		0.00	0.00	11,370.30	100.0	
	2 Inch	2.0000	50.80		0.00	0.00	11,370.30	100.0	
	1.5 Inch	1.5000	38.10		0.00	0.00	11,370.30	100.0	
	1.0 Inch	1.0000	25.40		0.00	0.00	11,370.30	100.0	97-100
	3/4 Inch	0.7500	19.05		0.00	0.00	11,370.30	100.0	76-89
	1/2 Inch	0.5000	12.70	1,825.40	1,825.40	1,825.40	9,544.90	83.9	
0.38	3/8 Inch	0.3750	9.53	1,556.30	1,556.30	3,381.70	7,988.60	70.3	
	#4	0.1870	4.75	2,998.40	2,998.40	6,380.10	4,990.20	43.9	43-53
	PAN			4,990.20	4,990.20				

SAND PORTION SIEVE ANALYSIS
(Portion Retained On < #4 Sieves)

Representative Sample Data:

Pan ID			#200 Wash Data:		
Pan Weight		(gm)	Portion >#200 Sieve:	460.60	(gm)
Wet Soil + Pan		(gm)	Portion <#200 Sieve:	108.40	(gm)
Dry Soil + Pan	569.00	(gm)	Percent <#200 Sieve	19.05	(%)
Dry Soil	569.00	(gm)	Total Wt. <#200 Sieve	950.68	(gm)

	Sieve Size	Particle Diameter		Dry Weight Rep. Sample		Total Sample Weight Retained	Accum. Grand Total On Sieve	Total Percent Passing	
		Inches	Millimeter	Retained On Sieve	Percent Retained				
		(in.)	(mm)	(gm)	(%)	(gm)	(gm)	(%)	
	#8	0.093	2.360	185.30	32.57	1,625.10	8,005.20	29.6	23-32
	#20	0.033	0.850	152.60	26.82	1,338.32	9,343.52	17.8	
	#40	0.017	0.425	54.10	9.51	474.46	9,817.99	13.7	15-23
	#60	0.010	0.250	27.00	4.75	236.79	10,054.78	11.6	
0.15	#100	0.006	0.150	20.40	3.59	178.91	10,233.69	10.0	
0.08	#200	0.003	0.075	21.20	3.73	185.93	10,419.62	8.36	10-16
	PAN			Discard					

PARTICLE SIZE DISTRIBUTION

ASTM D422, C136

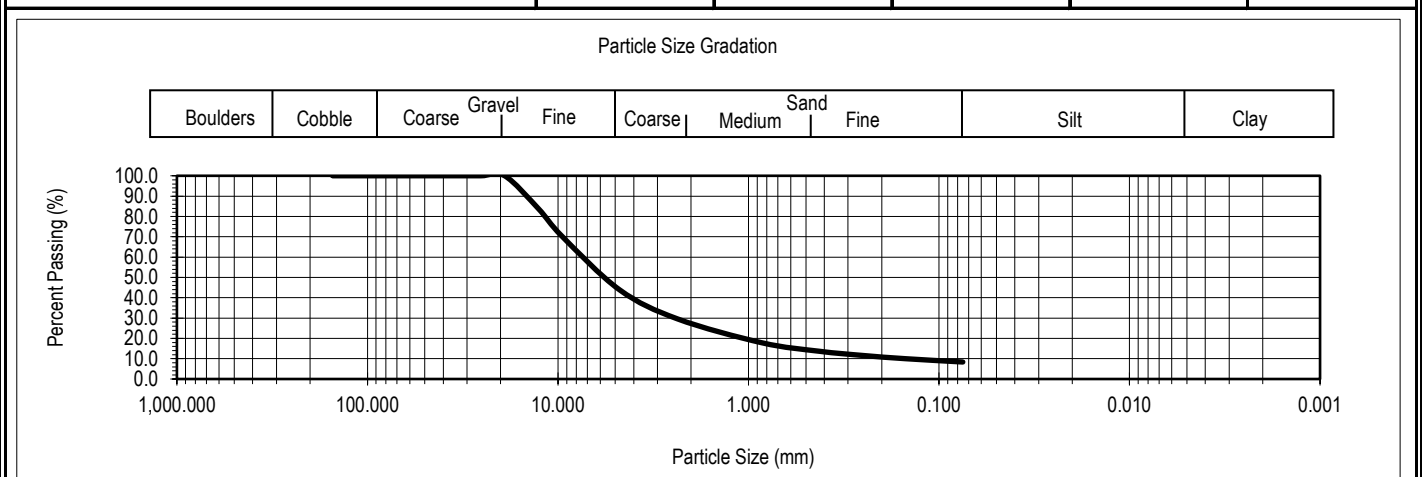
DSA LEA No.: 284

Project No.	**71638.00.001**	Project Name:	**BCRCD Scotts John Quarry**	Date:	**7/16/2026**
Sample No.	**071626B**	Boring/Trench:		Depth, (ft.):	Tested By: **DOC/KJC**
Description:	**(10 YR 4/3) Dark Grayish Brown Well-Graded Gravel w/ Silt and Sand (GW-GM**				Checked By: **DJP**
Sample Location:	**0**				Lab. No. **C26-144**

Sieve Size (U.S. Standard)	Particle Diameter Inches (in.)	Particle Diameter Millimeter (mm)	Dry Weight on Sieve Retained On Sieve (gm)	Dry Weight on Sieve Accumulated On Sieve (gm)	Dry Weight on Sieve Passing Sieve (gm)	Percent Passing (%)
6 Inch	6.0000	152.4	0.00	0.0	11,370.3	**100.0**
3 Inch	3.0000	76.2	0.00	0.0	11,370.3	**100.0**
2 Inch	2.0000	50.8	0.00	0.0	11,370.3	**100.0**
1.5 Inch	1.5000	38.1	0.00	0.0	11,370.3	**100.0**
1.0 Inch	1.0000	25.4	0.00	0.0	11,370.3	**100.0**
3/4 Inch	0.7500	19.1	0.00	0.0	11,370.3	**100.0**
1/2 Inch	0.5000	12.7	1,825.40	1,825.4	9,544.9	**83.9**
3/8 Inch	0.3750	9.5	1,556.30	3,381.7	7,988.6	**70.3**
#4	0.1870	4.7500	2,998.40	6,380.1	4,990.2	**43.9**
#8	0.0929	2.3600	1,625.10	8,005.2	3,365.1	**29.6**
#20	0.0335	0.8500	1,338.32	9,343.5	2,026.8	**17.8**
#40	0.0167	0.4250	474.46	9,818.0	1,552.3	**13.7**
#60	0.0098	0.2500	236.79	10,054.8	1,315.5	**11.6**
#100	0.0059	0.1500	178.91	10,233.7	1,136.6	**10.0**
#200	0.0030	0.0750	185.93	10,419.6	950.7	**8.4**

8.4

Hydrometer



NV5

DSA LEA No. 284

PARTICLE SIZE DISTRIBUTION TEST WORK SHEET

ASTM D422, C136

DSA File No. _____

DSA App No.

Sieve Only Analysis Worksheet

Project No.	71638.00.001	Project Name:	BCRCD Scotts John Quarry			Date:	07/16/26
Sample No.	071626C	Boring/Trench:		Depth, (ft.):		Tested By:	DOC/KJC
Description:	(10 YR 4/3) Dark Grayish Brown Well-Graded Gravel w/ Sand (GW)					Checked By:	DJP
Sample Locatior						Lab. No.	C26-144

Moisture Content Data:			Total Material Sample Data:		
Pan ID			Dry Soil Weight.	10,423.50	(gm)
Pan Weight		(gm)	Total Wet Weight	10,423.50	(gm)
Wet Soil + Pan		(gm)	Total Dry Weight	10,423.50	(gm)
Dry Soil + Pan	10,423.50	(gm)	Total Dry Wt. >#4 Sieve	6,637.40	(gm)
Water Weight	0	(gm)	Total Dry Wt.<#4 Sieve	3,786.10	(gm)
Dry Soil Weight	10,423.50	(gm)	Total Dry Wt. <#200 Sieve	701.00	(gm)
Moisture Content	0.0	(%)	Total Percent <#200 Sieve	6.73	(%)

GRAVEL PORTION SIEVE ANALYSIS
(Portion Retained On > #4 Sieve)

	Sieve Size	Particle Diameter		Dry Weight Retained On Sieve	Dry Weight				USFS F (Haul) Gradation Requirements
		Inches	Millimeter		Retained On Sieve	Accum. On Sieve	Passing Sieve	Percent Passing	
		(in.)	(mm)	(gm)	(gm)	(gm)	(gm)	(%)	
	6 Inch	6.0000	152.40		0.00	0.00	10,423.50	100.0	
	3 Inch	3.0000	76.20		0.00	0.00	10,423.50	100.0	
	2 Inch	2.0000	50.80		0.00	0.00	10,423.50	100.0	
	1.5 Inch	1.5000	38.10		0.00	0.00	10,423.50	100.0	
	1.0 Inch	1.0000	25.40		0.00	0.00	10,423.50	100.0	97-100
	3/4 Inch	0.7500	19.05		0.00	0.00	10,423.50	100.0	76-89
	1/2 Inch	0.5000	12.70	1,741.80	1,741.80	1,741.80	8,681.70	83.3	
0.38	3/8 Inch	0.3750	9.53	1,753.70	1,753.70	3,495.50	6,928.00	66.5	
	#4	0.1870	4.75	3,141.90	3,141.90	6,637.40	3,786.10	36.3	43-53
	PAN			3,786.10	3,786.10				

SAND PORTION SIEVE ANALYSIS
(Portion Retained On < #4 Sieves)

Representative Sample Data:

Pan ID			#200 Wash Data:		
Pan Weight		(gm)	Portion >#200 Sieve:	344.60	(gm)
Wet Soil + Pan		(gm)	Portion <#200 Sieve:	78.30	(gm)
Dry Soil + Pan	422.90	(gm)	Percent <#200 Sieve	18.52	(%)
Dry Soil	422.90	(gm)	Total Wt. <#200 Sieve	701.00	(gm)

	Sieve Size	Particle Diameter		Dry Weight Rep. Sample		Total Sample Weight Retained	Accum. Grand Total On Sieve	Total Percent Passing	
		Inches	Millimeter	Retained On Sieve	Percent Retained				
		(in.)	(mm)	(gm)	(%)	(gm)	(gm)	(%)	
	#8	0.093	2.360	157.20	37.17	1,407.37	8,044.77	22.8	23-32
	#20	0.033	0.850	107.60	25.44	963.31	9,008.08	13.6	
	#40	0.017	0.425	37.60	8.89	336.62	9,344.70	10.3	15-23
	#60	0.010	0.250	17.10	4.04	153.09	9,497.79	8.9	
0.15	#100	0.006	0.150	12.20	2.88	109.22	9,607.01	7.8	
0.08	#200	0.003	0.075	12.90	3.05	115.49	9,722.50	6.73	10-16
	PAN			Discard					

PARTICLE SIZE DISTRIBUTION

ASTM D422, C136

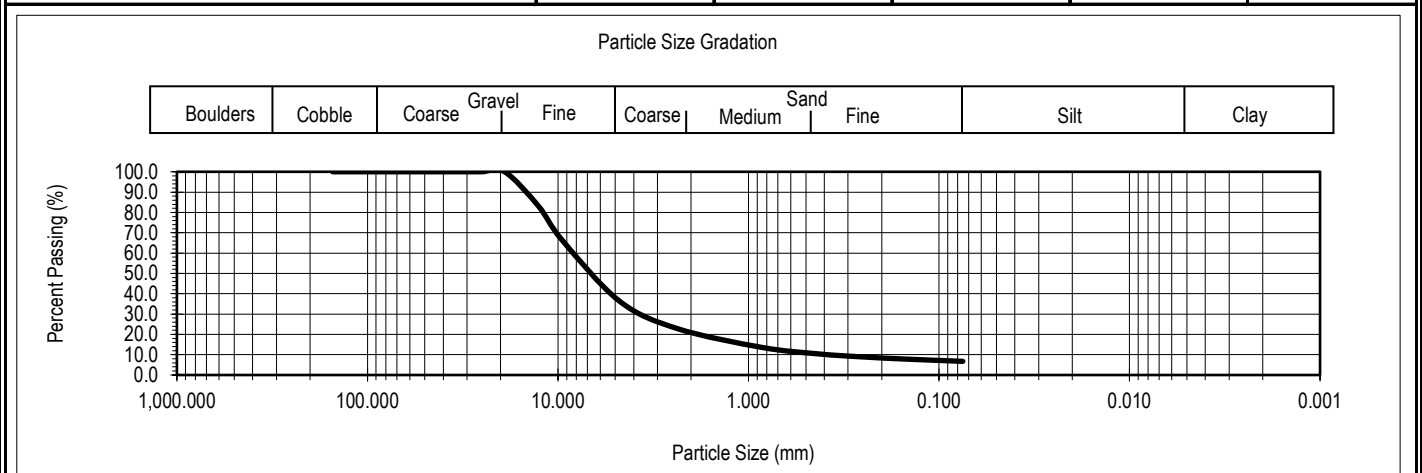
DSA LEA No.: 284

Project No.	**71638.00.001**	Project Name:	**BCRCD Scotts John Quarry**	Date:	**7/16/2026**
Sample No.	**071626C**	Boring/Trench:		Depth, (ft.):	Tested By: **DOC/KJC**
Description:	**(10 YR 4/3) Dark Grayish Brown Well-Graded Gravel w/ Sand (GW)**				Checked By: **DJP**
Sample Location:	**0**				Lab. No. **C26-144**

Sieve Size	Particle Diameter		Dry Weight on Sieve			Percent Passing
	Inches	Millimeter	Retained On Sieve	Accumulated On Sieve	Passing Sieve	
(U.S. Standard)	(in.)	(mm)	(gm)	(gm)	(gm)	(%)
6 Inch	6.0000	152.4	0.00	0.0	10,423.5	**100.0**
3 Inch	3.0000	76.2	0.00	0.0	10,423.5	**100.0**
2 Inch	2.0000	50.8	0.00	0.0	10,423.5	**100.0**
1.5 Inch	1.5000	38.1	0.00	0.0	10,423.5	**100.0**
1.0 Inch	1.0000	25.4	0.00	0.0	10,423.5	**100.0**
3/4 Inch	0.7500	19.1	0.00	0.0	10,423.5	**100.0**
1/2 Inch	0.5000	12.7	1,741.80	1,741.8	8,681.7	**83.3**
3/8 Inch	0.3750	9.5	1,753.70	3,495.5	6,928.0	**66.5**
#4	0.1870	4.7500	3,141.90	6,637.4	3,786.1	**36.3**
#8	0.0929	2.3600	1,407.37	8,044.8	2,378.7	**22.8**
#20	0.0335	0.8500	963.31	9,008.1	1,415.4	**13.6**
#40	0.0167	0.4250	336.62	9,344.7	1,078.8	**10.3**
#60	0.0098	0.2500	153.09	9,497.8	925.7	**8.9**
#100	0.0059	0.1500	109.22	9,607.0	816.5	**7.8**
#200	0.0030	0.0750	115.49	9,722.5	701.0	**6.7**

6.7

Hydrometer



NV5

DSA LEA No. 284

PARTICLE SIZE DISTRIBUTION TEST WORK SHEET

ASTM D422, C136

DSA File No. _____

DSA App No.

Sieve Only Analysis Worksheet

Project No.	71638.00.001	Project Name:	BCRCD Scotts John Quarry			Date:	07/16/26
Sample No.	071626E	Boring/Trench:		Depth, (ft.):		Tested By:	DOC/KJC
Description:	(10 YR 4/3) Dark Grayish Brown Well-Graded Gravel (GW)					Checked By:	DJP
Sample Locatior						Lab. No.	C26-144

Moisture Content Data:			Total Material Sample Data:		
Pan ID			Dry Soil Weight.	10,852.30	(gm)
Pan Weight		(gm)	Total Wet Weight	10,852.30	(gm)
Wet Soil + Pan		(gm)	Total Dry Weight	10,852.30	(gm)
Dry Soil + Pan	10,852.30	(gm)	Total Dry Wt. >#4 Sieve	10,254.70	(gm)
Water Weight	0	(gm)	Total Dry Wt.<#4 Sieve	597.60	(gm)
Dry Soil Weight	10,852.30	(gm)	Total Dry Wt. <#200 Sieve	103.97	(gm)
Moisture Content	0.0	(%)	Total Percent <#200 Sieve	0.96	(%)

GRAVEL PORTION SIEVE ANALYSIS
(Portion Retained On > #4 Sieve)

	Sieve Size	Particle Diameter		Dry Weight Retained On Sieve	Dry Weight				USFS F (Haul) Gradation Requirements
		Inches	Millimeter		Retained On Sieve	Accum. On Sieve	Passing Sieve	Percent Passing	
		(in.)	(mm)	(gm)	(gm)	(gm)	(gm)	(%)	
	6 Inch	6.0000	152.40		0.00	0.00	10,852.30	100.0	
	3 Inch	3.0000	76.20		0.00	0.00	10,852.30	100.0	
	2 Inch	2.0000	50.80		0.00	0.00	10,852.30	100.0	
	1.5 Inch	1.5000	38.10		0.00	0.00	10,852.30	100.0	
	1.0 Inch	1.0000	25.40		0.00	0.00	10,852.30	100.0	97-100
	3/4 Inch	0.7500	19.05	537.00	537.00	537.00	10,315.30	95.1	76-89
	1/2 Inch	0.5000	12.70	5,789.70	5,789.70	6,326.70	4,525.60	41.7	
0.38	3/8 Inch	0.3750	9.53	2,089.90	2,089.90	8,416.60	2,435.70	22.4	
	#4	0.1870	4.75	1,838.10	1,838.10	10,254.70	597.60	5.5	43-53
	PAN			597.60	597.60				

SAND PORTION SIEVE ANALYSIS
(Portion Retained On < #4 Sieves)

Representative Sample Data:

Pan ID			#200 Wash Data:		
Pan Weight		(gm)	Portion >#200 Sieve:	472.40	(gm)
Wet Soil + Pan		(gm)	Portion <#200 Sieve:	99.50	(gm)
Dry Soil + Pan	571.90	(gm)	Percent <#200 Sieve	17.40	(%)
Dry Soil	571.90	(gm)	Total Wt. <#200 Sieve	103.97	(gm)

	Sieve Size	Particle Diameter		Dry Weight Rep. Sample		Total Sample Weight Retained	Accum. Grand Total On Sieve	Total Percent Passing	
		Inches	Millimeter	Retained On Sieve	Percent Retained				
		(in.)	(mm)	(gm)	(%)	(gm)	(gm)	(%)	
	#10	0.079	2.000	302.40	52.88	315.99	10,570.69	2.6	23-32
	#20	0.033	0.850	98.30	17.19	102.72	10,673.41	1.6	
	#40	0.017	0.425	26.50	4.63	27.69	10,701.10	1.4	15-23
	#60	0.010	0.250	13.90	2.43	14.52	10,715.62	1.3	
0.15	#100	0.006	0.150	13.00	2.27	13.58	10,729.21	1.1	
0.08	#200	0.003	0.075	18.30	3.20	19.12	10,748.33	0.96	10-16
	PAN			Discard					

PARTICLE SIZE DISTRIBUTION

ASTM D422, C136

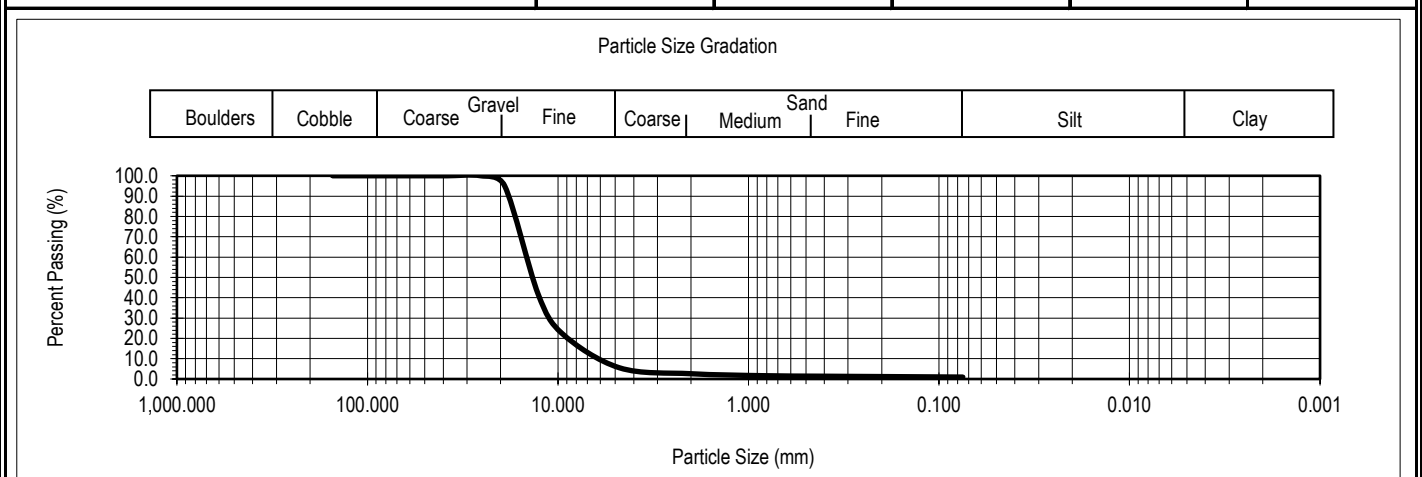
DSA LEA No.: 284

Project No.	**71638.00.001**	Project Name:	**BCRCD Scotts John Quarry**	Date:	**7/16/2026**
Sample No.	**071626E**	Boring/Trench:		Depth, (ft.):	Tested By: **DOC/KJC**
Description:	**(10 YR 4/3) Dark Grayish Brown Well-Graded Gravel (GW)**				Checked By: **DJP**
Sample Location:	**0**				Lab. No. **C26-144**

Sieve Size	Particle Diameter		Dry Weight on Sieve			Percent
	Inches	Millimeter	Retained On Sieve	Accumulated On Sieve	Passing Sieve	Passing
(U.S. Standard)	(in.)	(mm)	(gm)	(gm)	(gm)	(%)
6 Inch	6.0000	152.4	0.00	0.0	10,852.3	**100.0**
3 Inch	3.0000	76.2	0.00	0.0	10,852.3	**100.0**
2 Inch	2.0000	50.8	0.00	0.0	10,852.3	**100.0**
1.5 Inch	1.5000	38.1	0.00	0.0	10,852.3	**100.0**
1.0 Inch	1.0000	25.4	0.00	0.0	10,852.3	**100.0**
3/4 Inch	0.7500	19.1	537.00	537.0	10,315.3	**95.1**
1/2 Inch	0.5000	12.7	5,789.70	6,326.7	4,525.6	**41.7**
3/8 Inch	0.3750	9.5	2,089.90	8,416.6	2,435.7	**22.4**
#4	0.1870	4.7500	1,838.10	10,254.7	597.6	**5.5**
#10	0.0787	2.0000	315.99	10,570.7	281.6	**2.6**
#20	0.0335	0.8500	102.72	10,673.4	178.9	**1.6**
#40	0.0167	0.4250	27.69	10,701.1	151.2	**1.4**
#60	0.0098	0.2500	14.52	10,715.6	136.7	**1.3**
#100	0.0059	0.1500	13.58	10,729.2	123.1	**1.1**
#200	0.0030	0.0750	19.12	10,748.3	104.0	**1.0**

1.0

Hydrometer



Sampling Locations at Scotts John Quarry, July 2026 BCRD - Scotts Quarry 7.16.26

Google Maps 40°06'08.0"N 121°25'44.0"W



Imagery ©2026 Airbus, Maxar Technologies, Map data ©2026 Google 50 ft



40°06'08.0"N 121°25'44.0"W

40.102222, -121.428880

Directions Save Nearby Send to phone Share

4H2C+VCQ Jonesville, California

Sampling Depths

A - 1-2'

B - 1-2'

C - 1-2'

D - 0-6"

E - 1-2'

F - 0-6"

71638

October 6, 2026

NV5 - Chico
48 Bellarmine Court, Suite 40
Chico, CA 95928

JOB NO.: 2560126-0071638
LAB NO.: 92794 (C26-144)

Attention: Dominic Potestio

Project: BCRCD Scotts John Quarry

The results of the requested laboratory tests are attached for your use.

This report includes the following test reports:

Test Description - Test Method	# of Tests
Sulfate Soundness, 5 cycle test per primary size – ASTM C88,CTM214	1
Abrasion of Coarse Aggregate by Los Angeles Machine - ASTM C131,CTM211	1

NV5 appreciates the opportunity to be of service. Please contact our office if you have any questions regarding this report.

Respectfully submitted,
NV5, INC.

Mahan Pasdarpour, PE, GE
Senior Geotechnical Engineer

NV5, INC.
1868 Palma Drive, Suite A, Ventura, CA 805.656.6074
An NV5 Company - Offices Nationwide

October 6, 2026

Client: NV5 - Chico

Project: BCRCD Scotts John Quarry

NV5 JOB No: 2560126-0071638
NV5 Lab No: 92794 (C26-144)

Material Descrip: Dark Grayish Brown Well-Graded Gravel w/ Silt and Sand
Source/Supplier: N/P
Sample Location: N/P
Sampled By: CLIENT
Tested By: LC

Date Tested: 10/5/2026

SODIUM SULFATE SOUNDNESS TEST

(CTM 214)

COARSE AGGREGATE					
Sieve Size	**Sample Wt. Before (g)**	**Sample Wt. After (g)**	**% of Sample Received**	**% Loss of Size Fraction (%)**	**Weighted % Loss**
2.5" - 2.0"	-	-	-	-	-
2.0" - 1.5"	-	-	-	-	-
1.5" - 1.0"	-	-	-	-	-
1.0" - 3/4"	-	-	-	-	-
3/4" - 1/2"	1501	1497.5	21	0.2%	0.05 ✓
1/2" - 3/8"	1001.4	997.8	15	0.4%	0.05 ✓
3/8" - No.4	600.5	592.2	25	1.4%	0.35 ✓
				Total Loss (%)	**0.40** ✓

CTM 214: TEST FOR RESISTANCE TO WEATHER & TEMPERATURE

NOTE: ACCEPTABLE LOSS LIMITS ARE 10-12 %.

THIS ROCK SAMPLE HAS EXCELLENT WEATHERING RESISTANCE AND SHOULD HAVE GREAT LONG TERM DURABILITY.

N/P: Not Provided

Reviewed By: MP

N|V|5

1868 Palma Drive, Suite A, Ventura, California 93003
Telephone: (805) 656-6074 ; Fax: (805) 650-6264

October 6, 2026

JOB NO.: **2560126-0071638**
LAB NO.: 92794 (C26-144)

NV5 - Chico
48 Bellarmine Court, Suite 40
Chico, CA 95928

REPORT OF TESTS

Project:	BCRCD Scotts John Quarry
Material:	Dark Grayish Brown Well-Graded Gravel w/ Silt and Sand
Sampled By:	Client
Sample Source:	N/P
Sample Location:	N/P
Grading Designation:	B
Date Sampled:	N/P
Tested By:	LC
Tested Date:	10/5/2026

Resistance to Abrasion of Coarse Aggregate by the Use of the LA Rattler Machine

(CTM211)

% Loss at 100 Rev.:	4.0 MAX ALLOWABLE = 10%
% Loss at 500 Rev.:	18.9 MAX. ALLOWABLE = 35-45 %
Ratio of Abrasion Losses:	0.21

CTM 211: ABRASION RESISTANCE

NOTE: MATERIAL HAS GOOD ABRASION RESISTANCE.

N/P: Not Provided

Reviewed By: MP

As mutual protection to clients, the public, and NV5, all reports are the confidential property of clients. Authorization for publication of statements, conclusions, or extracts from our reports is reserved pending written approval.

Specific Gravity & Absorption of Coarse Aggregate

Caltrans CT206

Project No.:	71638.00.001	Project Name:	BCRCD Scotts John Quarry	Date:	9/9/2026
Sample No.:	071626C	Boring/Trench		Depth, ft.:	Tested By: KJC
Description:					Checked By: DJP
Sample Location:					Lab No.: C26-186

Test material screened on number #4 sieve Other

Sample Air or Oven Dried: Oven

Type of fluid used in test: Tap Water

Determination Number	1			
Wt. of Sample & Basket in water	3165.7			
Wt. of Sample in Water (C)	3165.7			
Wt. of Basket in water	0			
Temperature in Celsius	20.6			
Wt. of Sample SSD & Tare	6211.5			
Wt. of Sample SSD in air (B)	5021.5			
Wt. of Tare	1190			
Wt. of Oven Dried Sample & Tare	6085.9			
Wt. of Oven Dried Sample (A)	4895.90			
Specific Gravity of Fluid at Temp.	1.000			
Bulk Specific Gravity (OD)	2.64			
Absorption (%)	2.57			

Average Specific Gravity = 2.64 > 2.5 - 2.8 GOOD

Percent Absorption= 2.57 % < UNDER 4%

NOTE: WELL WITHIN RANGES FOR HIGH QUALITY COARSE AGGREGATES

N|V|5

DSA LEA No. 284

Specific Gravity & Absorption of Fine Aggregate

Caltrans CT207

Project No.	71638.00.001	Project Name:	BCRCD Scotts John Quarry	Date:	09/09/26
Sample No.	071626C	Boring/Trench		Depth, ft.:	Tested By: KJC
Description:					Checked By: DJP
Sample Location:					Lab No. C26-186

Test material screened on number #4 sieve Other

Sample Air or Oven Dried: Oven

Type of fluid used in test: Distilled Water

Sample Mass - SSD	500.2
Mass of Pycnometer, Water and Sample	951.0
Sample Mass - Oven Dry	467.7
Mass of Pycnometer & Water at Test Temp.	648.5

Specific Gravity (SSD)	2.530
Apparent Relative Density (Specific Gravity)	2.831
Absoprtion	6.95

AGGREGATE PROPERTIES

NV5

Project No.:	71639.00.001	Project Name:	BCRCD Scotts John Quarry	Date:	9/9/2026
Sample No.:	071626A/C			Tested By:	DOC
Description:				Checked By:	DJP
Sample Location:				Lab. No.:	C26-186

SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES CTM-202

COARSE PARTICLE SIZE DISTRIBUTION

SIEVE SIZE		WEIGHT RETAINED	% RETAINED	% PASSING	TOTAL GRADING	OPERATING RANGE	CONTRACT COMPLIANCE
75mm	3"		#DIV/0!	#DIV/0!	#DIV/0!		
62.5mm	2 1/2"		#DIV/0!	#DIV/0!	#DIV/0!		
50mm	2"		#DIV/0!	#DIV/0!	#DIV/0!		
37.5mm	1 1/2"		#DIV/0!	#DIV/0!	#DIV/0!		
25mm	1"		#DIV/0!	#DIV/0!	#DIV/0!		
19mm	3/4"		#DIV/0!	#DIV/0!	#DIV/0!		
12.5mm	1/2"		#DIV/0!	#DIV/0!	#DIV/0!		
9.5mm	3/8"		#DIV/0!	#DIV/0!	#DIV/0!		
4.75mm	#4		#DIV/0!	#DIV/0!	#DIV/0!		
Total Weight:							

FINE PARTICLE SIZE DISTRIBUTION

SIEVE SIZE		WEIGHT RETAINED	% RETAINED	% PASSING	TOTAL GRADING	OPERATING RANGE	CONTRACT COMPLIANCE
2.36mm	#8		#DIV/0!	#DIV/0!	#DIV/0!		
1.18mm	#16		#DIV/0!	#DIV/0!	#DIV/0!		
600µm	#30		#DIV/0!	#DIV/0!	#DIV/0!		
300µm	#50		#DIV/0!	#DIV/0!	#DIV/0!		
150µm	#100		#DIV/0!	#DIV/0!	#DIV/0!		
75µm	#200		#DIV/0!	#DIV/0!	#DIV/0!		
Wash Weight:							

SAND EQUIVALENT CTM-217

	TRIAL 1	TRIAL 2	TRIAL 3	RESULT	OPERATING RANGE	CONTRACT COMPLIANCE
Sand Reading						
Clay Reading						
Sand Equivalent	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		

CLEANLINESS VALUE CTM-227

Sediment Reading	
CV Index (Table 2)	

COARSE AGGREGATE DURABILITY CTM-229-A-D_c

Sediment Reading	0.7
Durability Index (Table 2)	80

FINE AGGREGATE DURABILITY CTM-229-D-D_f

		RESULT	OPERATING RANGE	CONTRACT COMPLIANCE
Sand Reading	3.4			
Clay Reading	5.2			
Durability		66.00		

MOISTURE CONTENT CTM-226

Pan ID	
Tare Wt.	
Tare + Wet Wt.	
Tare + Dry Wt.	
Water Wt.	0.00
Dry Soil Wt.	0.00
Moisture Content	#DIV/0!

NOTE: COURSE AGG. DURABILITY IS EXCEPTIONAL. FINE AGG. DURABILITY IS VERY GOOD.

CLASS 2 AB, NMX DURABILITY INDEX = 35
CLASS 2 PERMEABLE BASE = 40
HMA AGGREGATES = 52

NV5

(530) 894-2487 - Fax (530) 894-2437 - 48 Bellarmine Ct. Suite 40 - Chico, CA 95928

NV5

CTM 212 METHOD OF TEST FOR UNIT WEIGHT OF AGGREGATE

ASTM C29 Bulk Density and Voids in Aggregate

Project No.::	71638.00.001	Project Name:	BCRCD Scott's John Quarry			Date:	9/9/2026
Sample No.:	071626Ac	Boring/Trench:		Depth, ft:		Tested By:	KJC
Description:	071626A, B, D Composite					Checked By:	DJP
Location:						Lab No.:	C26-186

Vessel Tare:	14.20	lbs
F Factor:	1.992	

Vol. of Measure:	0.502	ft^3

Trial #1:	71.45	lbs
Trial #2:	71.50	lbs
Trial #3:	71.25	lbs
Average:	57.20	lbs

Unit Weight, ft^3:	113.94	pcf

CALTRANS AGGREGATE UNIT WEIGHTS

- NORMAL - WEIGHT COARSE AGG. 95 - 115 PCF
- NORMAL - WEIGHT FINE AGG. 100 - 120 PCF
- CRUSHED BASE (CLASS 2 A.B. COMPACTED IN PLACE) 130 - 145 PCF

BCRCD-BCPW MOU
and
BCRCD-USFS Project Agreement

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

BUTTE COUNTY CONTRACT ADMINISTRATION

REQUEST FOR REVENUE CONTRACT REVIEW

To Be Completed By Submitting Department

(A MINIMUM OF **TWO ORIGINALS & ONE COPY** OF THE CONTRACT MUST BE ATTACHED unless contract is going to the **BOARD = THREE ORIGINALS AND ONE COPY**)

Approval Authority: ☐ **Board of Supervisors** ☒ **Department**

☐ **Contract Pre-Review**	☒ **Contract Approval Review** ☐ **Amendment Pre-Review**	☐ **Amend. Approval Review**
Date Submitted: July 28, 2026	Dept. Contact Person: Tatum Duckett	Phone #: (530) 552-5736
Name of Contractor/Grantor/Lessee:	Butte County Resource Conservation District	If amendment, include original contract number:
Title of Contract:	Humbug Summit Road Project	
Brief Description of Provision:	Erosion control, sediment reduction, drainage improvements, and slope stabilization along Humbug Summit Road	

Dept. Name: Public Works	Cost Center #: CC0762	Revenue Category: RC0356	Project/Program/Grant #:
Expected Revenue in Current Fiscal Year: $9,400		Total Contractual Revenue: **$9,400**	
Term Begin Date: Upon Execution		Term End Date: December 31, 2028	
If applicable, has request for new Revenue Account been submitted? ☐YES ☒NO		If "*NO*", and a new account is needed, please submit a "New Account Request".	

Does this contract contain ANY Federal funds, direct or indirect? ☐ Yes ☒ No If YES, CFDA#:

NOTE: Acceptance of grant or program funds may require compliance with laws and regulations to ensure the funds through forthcoming Audits. Signature to this page and submission of this contract by Department Head or Delegate stipulates compliance with any and all grant requirements including but not limited to regulatory compliance and availability of matching funds.

Requested Date of Approval: July 28, 2026 | Requested BOS Date: N/A

☐ When fully routed send directly to Clerk of the Board ☒ When fully routed notify dept. contact for instruction

The undersigned hereby certifies that the attached contract compliance requirements and matching funds (if applicable) have been disclosed and acceptance of this contract and the associated revenue is in compliance with the Butte County Ordinance, the Contracts Purchasing Policy & Procedure Manual, and Butte County Fiscal Control, subject to budget Appropriation.

Typed or Printed Name of Dept Head or Delegate	Signature of Department Head or Delegate	Date
Terry Edwards	DocuSigned by: Terry Edwards 25ADF009AC8B43B...	7/28/2026 | 11:19 AM PDT

FOR REVIEW RECORDS ONLY

Review	Received	Log Out	Comments or Notations	Reviewer
Public Works:		7/28/2026 | 11:40 AM PDT		DS TD
County Counsel:	7/28/2026 | 11:53 AM PDT	7/28/2026 | 11:53 AM PDT		Initial BJS
Approval Authority:		7/28/2026 | 1:16 PM PDT		Initial CE

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

COOPERATIVE AGREEMENT BETWEEN

COUNTY OF BUTTE AND

BUTTE COUNTY RESOURCE CONSERVATION DISTRICT

FOR HUMBUG SUMMIT ROAD PROJECT

This Cooperative Agreement ("Agreement") is entered into by and between the County of Butte, a political subdivision of the State of California, hereinafter referred to as "County", and the Butte County Resource Conservation District, a special district of the State of California under Division 9 of the California Public Resources Code, hereinafter referred to as "District".

RECITALS

WHEREAS, the County is responsible for the maintenance, operation, reconstruction, and long-term performance of County-maintained roadway infrastructure, including Humbug Summit Road; and

WHEREAS, the District has obtained or intends to obtain grant funding and other financial resources to support roadway-related erosion control, sediment reduction, drainage improvements, slope stabilization, and related infrastructure improvements along Humbug Summit Road ("Project"); and

WHEREAS, the parties desire to work cooperatively to ensure that Project planning, design, construction, inspection, documentation, and reporting are conducted in a manner that protects public safety, ensures regulatory compliance, safeguards public funds, and reduces long-term maintenance and liability risk; and

WHEREAS, the parties acknowledge the lessons learned from prior emergency and post-disaster roadway reconstruction projects and agree that clear definition of authority, roles, responsibilities, funding, and oversight is essential for successful project delivery;

NOW, THEREFORE, the County and District agree as follows:

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

1. COOPERATIVE AGREEMENT

County and District agree to work cooperatively to plan, design, construct, inspect, document, and complete the Humbug Summit Road Project in accordance with the terms of this Agreement, the approved Scope of Work (Exhibit A), the Budget and Reimbursement Schedule (Exhibit B), all applicable grant requirements, and all applicable federal, state, and local laws, regulations, and standards.

---

2. TERM OF AGREEMENT

The term of this Agreement shall commence upon execution by both parties and shall remain in effect for a period of three (3) years, or until completion and closeout of the Project, whichever occurs first, unless extended or terminated in writing by mutual agreement of the parties.

---

3. SCOPE OF WORK

3.1 DISTRICT RESPONSIBILITIES

The District shall be responsible for the following:

1. Overall Project administration and management in accordance with applicable grant agreements.
2. Procurement and management of professional services, contractors, and consultants necessary to complete the Project, in compliance with applicable procurement requirements.
3. Preparation, coordination, and submittal of all grant-related documentation, regulatory permits, environmental compliance materials, and funding reimbursement requests.
4. Development of project schedules, budgets, and cash-flow projections.
5. Coordination with regulatory agencies, funding agencies, contractors, consultants, and other stakeholders.
6. Submission of monthly detailed invoices and progress reports to the County, including documentation sufficient to support grant reimbursement and audit requirements.
7. Maintenance of all Project records, including contracts, inspection reports, test results, pay quantities, and change documentation, for a minimum of seven (7) years following Project closeout.

3.2 COUNTY RESPONSIBILITIES

The County shall be responsible for the following:

1. Providing construction inspection guidance, materials testing oversight, and compliance verification for all work impacting County roadway infrastructure.

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

2. Reviewing and approving construction standards, technical specifications, quality control procedures, and inspection protocols prior to commencement of construction.

3. Providing review and approval of engineering designs, geotechnical reports, traffic control plans, and construction staging plans affecting County infrastructure.

4. Performing independent verification of construction quality, documentation, and compliance with grant, regulatory, and County standards.

5. Coordinating internal County departments and agencies as necessary to support Project delivery.

6. Providing formal acceptance of completed work impacting County-maintained facilities; provided, however, that the County reserves the right to reject, in whole or in part, any work that does not conform to approved plans, specifications, or applicable County, State, or Federal standards.

   The County shall have no obligation to accept ownership, maintenance responsibility, or operational control of any portion of the Project until such deficiencies are corrected to the satisfaction of the County. Any corrective work required to achieve compliance shall be the responsibility of the District at no additional cost to the County.

   The County's acceptance shall be documented in writing and shall not be unreasonably withheld once all requirements have been satisfied.

3.3 STANDARDS OF PERFORMANCE

All work performed under this Agreement shall conform to:

- Applicable Butte County Department of Public Works standards and specifications;
- Applicable Caltrans Standard Specifications and Standard Plans, where County standards are silent or require supplementation;
- Approved engineering plans and technical specifications;
- Grant and funding agency requirements; and
- Applicable federal, state, and local laws and regulations.

3.4 ENCROACHMENT PERMIT REQUIREMENTS

All work performed by the District, its contractors, or consultants within the County right-of-way shall require a valid encroachment permit issued by the Butte County Department of Public Works prior to the commencement of any construction activities.

The District shall be responsible for obtaining and complying with all conditions of the encroachment permit, including but not limited to traffic control, public safety measures, erosion control, restoration requirements, and inspection coordination.

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

Compliance with the encroachment permit shall be in addition to, and not in lieu of, the requirements set forth in this Agreement. Failure to comply with encroachment permit conditions may result in suspension of work, revocation of the permit, or other enforcement actions by the County.

4. BUDGET AND FUNDING

The District agrees to allocate sufficient funding within the Project budget to support:

1. County construction inspection services;
2. County engineering review and technical oversight;
3. Materials testing and verification;
4. Documentation, reporting, and grant compliance activities; and
5. Administrative coordination.

Total funding amounts and reimbursement mechanisms shall be detailed in Exhibit B – Budget and Reimbursement Schedule, incorporated herein by reference.

5. REIMBURSEMENT AND INVOICING

1. District shall reimburse the County for eligible oversight and inspection services on a time-and-materials basis, consistent with approved County labor rates and cost schedules.
2. The County shall submit monthly detailed invoices to the District.
3. Payments shall be made within thirty (30) days of receipt of approved invoices.

6. ADMINISTRATION AND REPORTING

1. District shall provide monthly written progress reports summarizing construction progress, issues, risks, schedule status, budget status, and anticipated changes.
2. County shall have the right to conduct independent audits, inspections, and documentation reviews at any time.
3. Upon Project completion, District shall submit a final closeout report including final quantities, certifications, inspection records, and regulatory approvals.

7. CHANGES AND AMENDMENTS

This Agreement may be modified or amended only by written agreement executed by both parties.

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

8. TERMINATION

This Agreement may be terminated by either party upon thirty (30) days written notice. In the event of termination, District shall reimburse County for all authorized costs incurred up to the effective date of termination.

9. HOLD HARMLESS AND INDEMNIFICATION

District shall indemnify, defend, and hold harmless the County, its officers, agents, and employees from any and all claims, damages, liabilities, costs, and expenses arising from or related to the acts or omissions of the District, its contractors, consultants, or agents, except for claims arising from the sole negligence or willful misconduct of the County.

10. INSURANCE

District shall maintain insurance coverage meeting County risk management requirements, including general liability, workers' compensation, automobile liability, and professional liability, in amounts acceptable to County.

11. INDEPENDENT CONTRACTOR

District is an independent contractor and not an employee or agent of County. District shall have sole control over the means and methods of performing the work, subject to compliance with this Agreement.

12. CONFLICT OF INTEREST

The District certifies that it has no current interest, and will not acquire any direct or indirect interest, that conflicts with the performance of services under this Agreement. The District further certifies that no person with such an interest will be employed in performing this Agreement.

13. SEVERABILITY

If any provision of this Agreement is held invalid, such invalidity shall not affect the remaining provisions.

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

14. NOTICES

Notices shall be provided in writing to the following addresses:

County:
Butte County Department of Public Works
7 County Center Drive
Oroville, CA 95965

District:
Butte County Resource Conservation District
150 Chuck Yeager Way, Suite A
Oroville, CA 95965

Grantor:
Program Manager, Western Regional Forests
National Fish and Wildlife Foundation
1625 Eye Street NW, Suite 300
Washington, DC 20006

SIGNATURES

IN WITNESS WHEREOF, the parties have executed this Agreement as of the dates set forth below.

COUNTY OF BUTTE
By: Signed by: Colt Esenwein 9B6383D71581468...
Title: Director, Public Works
Date: 7/28/2026 | 1:16 PM PDT

BUTTE COUNTY RESOURCE CONSERVATION DISTRICT
By: David G. Lee
Title: Chairman of Bd
Date: 4/16/26

Approved as to Form
Brad J. Stephens
Butte County Counsel

By: Signed by: Brad J. Stephens D60BCFE3AF2A430...
Date: 7/28/2026 | 11:53 AM PDT

Reviewed for Contract Policy Compliance

By: DocuSigned by: Tatum Duckett 1C4295753965427... 7/28/2026 | 11:40 AM PDT
Public Works Contracts Division

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

EXHIBIT A – SCOPE OF WORK

Humbug Summit Road Project

1. PROJECT DESCRIPTION

The Humbug Summit Road Project ("Project") consists of planning, design, permitting, construction, construction management, and closeout of (rural gravel) roadway improvements within the County right-of-way.

Work may include, but is not limited to:

- Construction of new gravel road segments; rehabilitation of existing road segments
- Roadway regrading and reshaping
- Drainage improvements (culverts, ditches, cross-drains, rolling dips)
- Erosion and sediment control measures
- Slope stabilization and embankment repair
- Surface treatment and compaction
- Traffic control and public safety measures
- Environmental protection and site restoration

2. PROJECT PHASES

2.1 Phase 1 – Project Initiation and Coordination

District Responsibilities:

- Confirm funding requirements, grant conditions, and reporting obligations
- Develop preliminary project schedule and budget
- Procure qualified engineering, construction management (CM), and inspection services
- Initiate coordination with County and regulatory agencies

County Responsibilities:

- Identify County project representative
- Provide applicable standards, specifications, and design requirements
- Participate in kickoff coordination meeting

2.2 Phase 2 – Planning, Design, and Engineering

District Responsibilities:

- Prepare engineering plans, specifications, and estimates (PS&E)

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

- Conduct geotechnical investigations as necessary
- Develop drainage and erosion control designs
- Prepare traffic control and construction staging plans

County Responsibilities:

- Review and approve all design submittals (30%, 65%, 100%)
- Verify consistency with County standards and long-term maintenance considerations

Deliverables:

- 30%, 65%, and 100% PS&E packages
- Engineer's estimate
- Supporting technical reports

2.3 Phase 3 – Permitting and Environmental Compliance

District Responsibilities:

- Obtain all regulatory permits and approvals
- Complete environmental compliance documentation
- Obtain encroachment permit from Butte County Public Works
- Coordinate with all applicable agencies

County Responsibilities:

- Review encroachment permit application for consistency with County requirements

Deliverables:

- Approved permits and environmental documentation
- Approved encroachment permit

2.4 Phase 4 – Procurement and Contracting

District Responsibilities:

- Advertise, bid, and award construction contract
- Procure qualified Construction Management (CM) firm responsible for construction oversight, inspection, documentation, and contract administration
- Ensure all procurement complies with applicable grant and legal requirements

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

County Responsibilities:

- Review bid documents and special provisions for consistency with County standards

Deliverables:

- Construction contract
- CM contract
- Notice of Award

2.5 Phase 5 – Construction and Construction Management

District Responsibilities:

- Manage the construction contract and CM consultant
- Ensure the CM team provides full-time construction management, inspection, and documentation
- Ensure contractor compliance with plans, specifications, and permits
- Provide regular updates to the County

Construction Management (CM) Responsibilities (District's Consultant):

- Perform materials testing coordination and documentation
- Maintain daily reports, quantities, and as-built records
- Administer contract changes and pay quantities
- Enforce contract requirements and quality control

County Responsibilities (Oversight Role Only):

- Perform periodic quality assurance reviews of the CM team's work
- Review inspection documentation, materials testing results, and compliance records
- Conduct periodic field reviews at its discretion
- Identify deficiencies, inconsistencies, or non-compliant work

The County shall not provide day-to-day construction inspection or construction management services and shall not be responsible for means, methods, sequences, safety, or contractor performance.

2.6 Phase 6 – Quality Assurance and Compliance Oversight

District Responsibilities:

- Ensure CM team implements an effective quality control (QC) program
- Ensure all deficiencies are corrected in a timely manner

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

County Responsibilities:

- Perform independent quality assurance (QA) verification of the CM process and project outcomes
- Review and validate compliance with plans, specifications, and standards
- Require corrective action where deficiencies are identified

County QA activities are intended to verify compliance and do not relieve the District, its CM consultant, or contractor of full responsibility for project quality and performance.

2.7 Phase 7 – Project Closeout

District Responsibilities:

- Complete all punch list items
- Provide final documentation, including:
  - As-built plans
  - Final quantities
  - Testing and inspection records
  - Certifications of compliance
  - Submit final grant documentation

County Responsibilities:

- Perform final review of documentation and field conditions
- Verify compliance with County standards
- Issue written acceptance upon satisfactory completion

---

3. COUNTY ACCEPTANCE CRITERIA

The County will accept the Project only upon determination that:

- All work conforms to approved plans and specifications
- All applicable County, State, and Federal standards are met
- All deficiencies identified by the County have been corrected
- Documentation is complete and acceptable

County acceptance shall be documented in writing and shall not be unreasonably withheld once all requirements have been satisfied. Failure to meet these criteria shall require corrective action by the District prior to acceptance.

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

4. COORDINATION AND COMMUNICATION

- Monthly coordination meetings shall be conducted
- District shall provide schedule, budget, and progress updates
- County shall be notified in advance of key construction activities
- All design or scope changes affecting County facilities require County review

---

5. DOCUMENTATION AND RECORD KEEPING

The District shall maintain complete and accurate records, including:

- Construction management reports
- Inspection logs and daily reports
- Materials testing results
- Change orders and supporting documentation
- Grant compliance documentation

Records shall be retained for a minimum of seven (7) years following project closeout.

---

6. FUNDING AND COST RESPONSIBILITY

All Project costs, including construction management, inspection, testing, and compliance, shall be the responsibility of the District unless otherwise specified in the Agreement.

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

EXHIBIT B – BUDGET AND REIMBURSEMENT SCHEDULE

Humbug Summit Road Project

1. PURPOSE

This Exhibit establishes the budget framework, cost responsibilities, and reimbursement procedures for work performed under the Cooperative Agreement between the County of Butte ("County") and the Butte County Resource Conservation District ("District") for the Humbug Summit Road Project ("Project").

2. PROJECT FUNDING RESPONSIBILITY

The District shall be solely responsible for funding all Project costs, including but not limited to:

- Planning, design, and engineering
- Environmental compliance and permitting
- Construction and contractor costs
- Construction management (CM), inspection, and materials testing
- Traffic control and public safety measures
- Documentation, reporting, and grant compliance
- Administrative and project management costs
- County oversight and quality assurance costs

No County funds shall be obligated unless expressly authorized by written amendment to this Agreement.

3. COUNTY COST RECOVERY

3.1 Reimbursable Services

The District agrees to reimburse the County for costs incurred in providing Project-related services, including:

- Plan review and engineering support
- Encroachment permit review and processing

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

- Quality assurance (QA) oversight of construction management activities
- Field review visits and compliance verification
- Documentation review and audit support
- Project coordination and administrative support

3.2 Basis of Compensation

County services shall be reimbursed on a time-and-materials basis, including:

- Direct labor costs based on approved County labor rates
- Applicable overhead and indirect costs, if included in County rate schedules
- Direct expenses (e.g., mileage, materials testing verification, specialized equipment, or third-party services if required)

Current labor rates and cost schedules shall be maintained by the County and made available to the District upon request.

4. BUDGET ESTIMATE

Estimated budget for County services:

Engineering Review:	$5,000.00
QA Oversight & Field Reviews:	$_____
Encroachment Permit Processing:	$4,400.00
Documentation & Compliance Review:	$_____
Administrative Coordination:	$_____
Total Estimated County Costs:	$9,400.00

This budget is an estimate only and shall not be construed as a not-to-exceed amount unless explicitly stated in writing.

5. INVOICING PROCEDURES

The County shall submit monthly invoices to the District. Each invoice shall include:

- Staff names or classifications

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

- Hours worked

- Billing rates

- Description of work performed

- Itemized direct expenses.

Invoices shall be submitted in a format acceptable for grant reimbursement and audit purposes

6. PAYMENT TERMS

The District shall remit payment within thirty (30) days of receipt of an approved invoice.

- Disputed charges shall be identified in writing within fifteen (15) days of invoice receipt
- Undisputed portions shall be paid within the 30-day requirement

7. ALLOWABILITY OF COSTS

All reimbursable costs must:

- Be directly related to the Project
- Be reasonable, necessary, and allocable
- Comply with applicable grant requirements and funding agency guidelines
- Be supported by appropriate documentation

The District is responsible for ensuring that costs are eligible for reimbursement under its funding sources.

8. AUDIT AND RECORD RETENTION

The County shall maintain records supporting all invoiced costs.

- The District and funding agencies shall have the right to review and audit such records
- All financial and project records shall be retained for a minimum of seven (7) years following Project closeout

9. FUNDING SHORTFALLS

The District shall remain responsible for all costs incurred by the County

- The County shall not be obligated to continue work without assurance of funding

Docusign Envelope ID: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3

- The County may suspend services upon written notice if reimbursement is not reasonably assured

10. NO WAIVER OF RIGHTS

Payment by the District shall not constitute acceptance of work that does not comply with the Agreement, nor shall it waive any rights of the County under the Agreement.

11. AMENDMENTS

This Exhibit may be amended only by written agreement of both parties.//s//

Certificate Of Completion

Envelope Id: 81F5E1BA-83DE-8C5F-82C2-79CD55EE3BA3
Status: Completed
Subject: Complete with Docusign: BCPW and BCRCD Cooperative Agreement Humbug Summit Road
Source Envelope:
Document Pages: 16
Signatures: 4
Certificate Pages: 5
Initials: 3
AutoNav: Enabled
EnvelopeId Stamping: Enabled
Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Envelope Originator:
Tatum Duckett
7 County Center Dr.
Oroville, CA 95965
tduckett@buttecounty.net
IP Address: 63.198.28.28

Record Tracking

Status: Original
07/28/2026 | 09:03
Holder: Tatum Duckett
tduckett@buttecounty.net
Location: DocuSign
Security Appliance Status: Connected
Pool: StateLocal

Signer Events	Signature	Timestamp
Terry Edwards tedwards@buttecounty.net Assistant Director Public Works Security Level: Email, Account Authentication (None)	DocuSigned by: Terry Edwards 25ADF009AC8B48B... Signature Adoption: Pre-selected Style Using IP Address: 63.198.28.28	Sent: 07/28/2026 | 09:09 Viewed: 07/28/2026 | 09:30 Signed: 07/28/2026 | 11:19
Electronic Record and Signature Disclosure: Not Offered via Docusign		
Tatum Duckett tduckett@buttecounty.net Financial Technician Public Works Security Level: Email, Account Authentication (None)	DocuSigned by: Tatum Duckett 1C4295753965427... Signature Adoption: Pre-selected Style Using IP Address: 63.198.28.28	Sent: 07/28/2026 | 11:19 Viewed: 07/28/2026 | 11:20 Signed: 07/28/2026 | 11:40
Electronic Record and Signature Disclosure: Not Offered via Docusign		
Brad J. Stephens CoCoContractReview@buttecounty.net County Counsel Security Level: Email, Account Authentication (None)	Signed by: Brad J. Stephens D60BCFE3AF2A430... Signature Adoption: Pre-selected Style Using IP Address: 63.198.28.28	Sent: 07/28/2026 | 11:40 Viewed: 07/28/2026 | 11:52 Signed: 07/28/2026 | 11:53
Electronic Record and Signature Disclosure: Accepted: 07/28/2026 | 11:52 ID: fce040c0-928d-4e6c-b513-c03edbabbe53		
Colt Esenwein cesenwein@buttecounty.ca.gov Security Level: Email, Account Authentication (None)	Signed by: Colt Esenwein 9B6383D7158146B... Signature Adoption: Pre-selected Style Using IP Address: 63.198.28.28	Sent: 07/28/2026 | 11:53 Viewed: 07/28/2026 | 13:16 Signed: 07/28/2026 | 13:16
Electronic Record and Signature Disclosure: Accepted: 07/28/2026 | 13:16 ID: afaca44a-7140-4f9c-8f7c-440bbffdbba7		

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	**Status**	**Timestamp**
Agent Delivery Events	**Status**	**Timestamp**
Intermediary Delivery Events	**Status**	**Timestamp**
Certified Delivery Events	**Status**	**Timestamp**
Carbon Copy Events	**Status**	**Timestamp**
Witness Events	**Signature**	**Timestamp**
Notary Events	**Signature**	**Timestamp**

Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	07/28/2026 | 09:09
Certified Delivered	Security Checked	07/28/2026 | 13:16
Signing Complete	Security Checked	07/28/2026 | 13:16
Completed	Security Checked	07/28/2026 | 13:16

Payment Events	Status	Timestamps
Electronic Record and Signature Disclosure		

Docusign Envelope ID: A25A6336-6868-8D1E-83CF-302D414C914A

PROJECT AGREEMENT

Forest Development Road Cooperative Agreement

Butte County, California

WHEREAS, County of Butte, hereinafter called "Cooperator," and the Forest Service, U.S. Department of Agriculture, hereinafter called "Forest Service," entered into a Forest Development Road Cooperative Agreement dated January 8, 1973, for cooperative planning, survey, design, construction, reconstruction, improvement, maintenance, and use of certain forest development roads in Butte County; and

WHEREAS, said Agreement provides that project agreements will be executed to supplement it for projects included in an approved Forest Service-Cooperator plan; and

WHEREAS, the parties have determined that the Humbug Summit Road Realignment Project should be included in an approved Forest Service-Cooperator transportation and access plan;

NOW, THEREFORE, in accordance with the provisions of said Agreement, the parties agree as follows:

I. IDENTIFICATION OF PROJECT

The Humbug Summit Road Realignment Project consists generally of the design, environmental review, permitting, construction, reconstruction, realignment, drainage improvements, erosion-control measures, habitat restoration activities, roadway decommissioning activities, and related work necessary to relocate a portion of Humbug Summit Road within the Lassen National Forest, T. 26 N., R. 5 E., Sec., 22 M.D.M..

The project is intended to improve roadway safety, reduce long-term maintenance concerns, improve watershed function, and address environmental impacts associated with the existing roadway alignment.

II. THE COOPERATOR AGREES

A. To participate in project planning, design review, environmental review, permitting coordination, and construction oversight activities as necessary to protect the County's transportation interests and future maintenance obligations.

B. To review proposed field modifications that may materially affect roadway geometry, drainage facilities, maintenance requirements, lifecycle costs, public access, or operational characteristics of the roadway.

C. To assume maintenance responsibility for the completed roadway improvements in accordance with the Forest Development Road Cooperative Agreement and any subsequently approved maintenance schedules.

D. All roads will be designed in accordance with the most updated Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects.

III. THE FOREST SERVICE AGREES

A. To cooperate in project planning, environmental review, permitting, design review, and implementation activities affecting National Forest System lands.

B. To provide such reviews, approvals, and coordination as may be required under applicable federal laws, regulations, policies, permits, and land management requirements.

C. To coordinate with the Cooperator regarding roadway construction, decommissioning, habitat restoration, and drainage improvements.

IV. THE PARTIES MUTUALLY AGREE

Docusign Envelope ID: A25A6336-6868-8D1E-83CF-302D414C914A

A. Nothing contained herein shall modify or supersede the Forest Development Road Cooperative Agreement dated January 8, 1973, except as specifically provided for the Humbug Summit Road Realignment Project.

IN WITNESS WHEREOF, the parties hereto have caused this Project Agreement to be properly executed by their authorized representatives.

BUTTE COUNTY

By: Signed by: Colt Esenwein 9B6383D7158146B... _____
D. COLT ESENWEIN

Title: Director of Public Works____

Date: 7/28/2026 | 1:16 PM PDT

FOREST SERVICE

UNITED STATES DEPARTMENT OF AGRICULTURE

By: _____
MICHAEL RAHE

Title: Acting Forest Supervisor_____

Date: _____

APPROVED AS TO FORM

BRAD J. STEPHENS

BUTTE COUNTY COUNSEL

By: Signed by: Brad J. Stephens D60BCFE3AF2A430... _____

Date: 7/28/2026 | 11:53 AM PDT

REVIEWED FOR CONTRACT POLICY COMPLIANCE

By: DocuSigned by: Tatum Duckett 1C4295753965427... _____

Date: 7/28/2026 | 8:59 AM PDT

Certificate Of Completion

Envelope Id: A25A6336-6868-8D1E-83CF-302D414C914A
Status: Completed
Subject: Complete with Docusign: BCPW and USFS Project Agreement Humbug Summit Road
Source Envelope:
Document Pages: 2
Signatures: 3
Certificate Pages: 5
Initials: 0
AutoNav: Enabled
EnvelopeId Stamping: Enabled
Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Envelope Originator:
Tatum Duckett
7 County Center Dr.
Oroville, CA 95965
tduckett@buttecounty.net
IP Address: 63.198.28.28

Record Tracking

Status: Original
07/28/2026 | 08:56
Holder: Tatum Duckett
tduckett@buttecounty.net
Location: DocuSign
Security Appliance Status: Connected
Pool: StateLocal

Signer Events	Signature	Timestamp
Tatum Duckett tduckett@buttecounty.net Financial Technician Public Works Security Level: Email, Account Authentication (None)	DocuSigned by: Tatum Duckett 1C4295753965427... Signature Adoption: Pre-selected Style Using IP Address: 63.198.28.28	Sent: 07/28/2026 | 08:59 Viewed: 07/28/2026 | 08:59 Signed: 07/28/2026 | 08:59
Electronic Record and Signature Disclosure: Not Offered via Docusign		
Brad J. Stephens CoCoContractReview@buttecounty.net County Counsel Security Level: Email, Account Authentication (None)	Signed by: Brad J. Stephens D60BCFE3AF2A430... Signature Adoption: Pre-selected Style Using IP Address: 63.198.28.28	Sent: 07/28/2026 | 08:59 Viewed: 07/28/2026 | 11:53 Signed: 07/28/2026 | 11:53
Electronic Record and Signature Disclosure: Accepted: 07/28/2026 | 11:53 ID: b8599e85-43d8-4a8b-b6cf-47409bd773d7		
Colt Esenwein cesenwein@buttecounty.ca.gov Security Level: Email, Account Authentication (None)	Signed by: Colt Esenwein 9B6383D7158146B... Signature Adoption: Pre-selected Style Using IP Address: 63.198.28.28	Sent: 07/28/2026 | 11:53 Viewed: 07/28/2026 | 13:16 Signed: 07/28/2026 | 13:16
Electronic Record and Signature Disclosure: Accepted: 07/28/2026 | 13:16 ID: b874a9fe-50ba-488b-baa3-dbfdbb3555af		

In Person Signer Events	Signature	Timestamp

Editor Delivery Events	Status	Timestamp

Agent Delivery Events	Status	Timestamp

Intermediary Delivery Events	Status	Timestamp

Certified Delivery Events	Status	Timestamp

Carbon Copy Events	Status	Timestamp

Witness Events	Signature	Timestamp

Notary Events	Signature	Timestamp

Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	07/28/2026 | 08:59
Certified Delivered	Security Checked	07/28/2026 | 13:16
Signing Complete	Security Checked	07/28/2026 | 13:16
Completed	Security Checked	07/28/2026 | 13:16

Payment Events	Status	Timestamps

Electronic Record and Signature Disclosure