FOREST SERVICE SUPPLEMENTAL CONSTRUCTION SPECIFICATIONS (FSSS)

CONE PEAK ROAD (FSR 20S05.3) ERFO REPAIRS PROJECT

U.S. DEPARTMENT OF AGRICULTURE
05 PACIFIC SOUTHWEST REGION
LOS PADRES NATIONAL FOREST
MONTEREY RANGER DISTRICT
MONTEREY COUNTY, CA
DECEMBER 2025

Contents

PREFACE 3
Section 101. – TERMS, FORMAT, AND DEFINITIONS 3
Section 101. – TERMS, FORMAT, AND DEFINITIONS 3
Section 101. – TERMS, FORMAT, AND DEFINITIONS 4
Section 102. - BID, AWARD, AND EXECUTION OF CONTRACT 7
Section 103. – SCOPE OF WORK 7
Section 104. – CONTROL OF WORK 7
Section 104. – CONTROL OF WORK 7
Section 105. – CONTROL OF MATERIAL 7
Section 105. – CONTROL OF MATERIAL 8
Section 106. – ACCEPTANCE OF WORK 8
Section 107. - LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC 8
Section 108. - PROSECUTION AND PROGRESS 11
Section 109. - MEASUREMENT AND PAYMENT 11
Section 109. - MEASUREMENT AND PAYMENT 11
Section 109. - MEASUREMENT AND PAYMENT 12
Section 152. – CONSTRUCTION SURVEY AND STAKING 13
Section 156. – PUBLIC TRAFFIC 14
Section 157. – SOIL EROSION AND SEDIMENT CONTROL 15
Section 203. - REMOVAL OF STRUCTURES AND OBSTRUCTIONS 15
Section 203. - REMOVAL OF STRUCTURES AND OBSTRUCTIONS 16
Section 203. - REMOVAL OF STRUCTURES AND OBSTRUCTIONS 16
Section 204. – EXCAVATION AND EMBANKMENT 17
Section 204. – EXCAVATION AND EMBANKMENT 18
Section 301. - UNTREATED AGGREGATE COURSES 18
Section 633. - PERMANENT TRAFFIC CONTROL 18
Section 703. - AGGREGATE 19
Section 704. - SOIL 19

PREFACE

Delete all but the first paragraph and add the following:

The Forest Service, US Department of Agriculture has adopted FP-24 for construction of National Forest System Roads. The Forest Service Supplemental Specifications (FSSS) shall be incorporated in the FP-24. The applicable specifications for the project will be the FP-24 as modified by the FSSS.

Section 101. – TERMS, FORMAT, AND DEFINITIONS

Add the following paragraph to Subsection 101.01 Meaning of Terms:

Delete all references to the TAR (Transportation Acquisition Regulations) in the specifications.

Section 101. – TERMS, FORMAT, AND DEFINITIONS

Add the following to Subsection 101.03 Abbreviations:

(a) Acronyms.

AGAR — Agriculture Acquisition Regulations

AFPA — American Forest and Paper Association

FSSS – Forest Service Supplemental Specifications

MSHA — Mine Safety and Health Administration

NESC — National Electrical Safety Code

WCLIB — West Coast Lumber Inspection Bureau

(d) Miscellaneous unit abbreviations.

MP - milepost	location
ppm - parts per million	volume
STA – station	location

MFBM - thousand feet board measure volume

Section 101. – TERMS, FORMAT, AND DEFINITIONS

Make the following changes to Subsection 101.04 Definitions:

Delete these definitions and replace with the following:

Bid Schedule — The Schedule of Items.

Bridge — A structure, including supports, erected over a depression or an obstruction such as water along a road, a trail, or a railway and having a deck for carrying traffic or other loads.

Contractor — The individual or legal entity contracting with the Government for performance of prescribed work. In a timber sale contract, the contractor is the "Purchaser".

Culvert — Any structure with a bottom, regardless of fill depth, depth of invert burial, or presence of horizontal driving surface, or any bottomless (natural channel) structure with footings that will not have wheel loads in direct contact with the top of the structure.

Drawings —Design sheets or fabrication, erection, or construction details submitted to the CO by the Contractor.

Neat Line — A line defining the proposed or specified limits of an excavation or structure.

Notice to Proceed — (Public Works Contracts) Written notice to the Contractor to begin the contract work. (Timber Contracts) does not apply, replace NTP with Contract Award.

Right-of-Way — A general term denoting (1) the privilege to pass over land in some particular line (including easement, lease, permit, or license to occupy, use, or traverse public or private lands), or (2) Real property necessary for the project, including roadway, buffer areas, access, and drainage areas.

Add the following definitions:

Adjustment in Contract Price — "Equitable adjustment," as used in the Federal Acquisition Regulations, or "construction cost adjustment," as used in the Timber Sale Contract, as applicable.

Change — "Change" means "change order" as used in the Federal Acquisition Regulations, or "design change" as used in the Timber Sale Contract.

Forest Service — The United States of America, acting through the Forest Service, U.S. Department of Agriculture.

Forest Service Supplemental Specifications – The Forest Service uses supplemental specifications to modify the FP-24 to meet the agency needs and intents. FSSS revise the FP-24 by adding, deleting, replacing, revising, replacing part of entire sections or subsections or adding new sections to the FP..

Pioneer Road — Temporary construction access built along the route of the project.

Purchaser — The individual, partnership, joint venture, or corporation contracting with the Government under the terms of a Timber Sale Contract and acting independently or through agents, employees, or subcontractors.

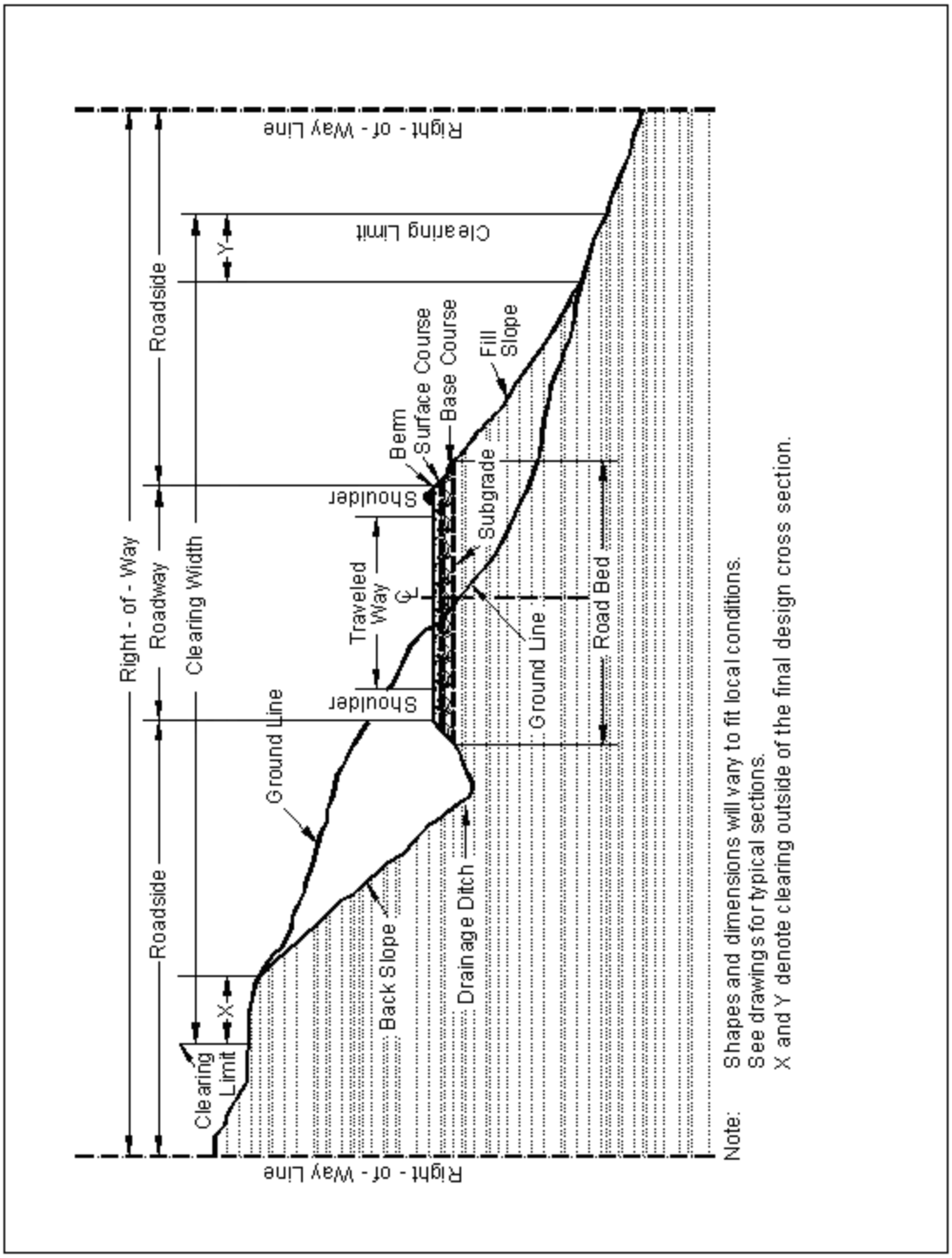
Protected Streamcourse — A drainage shown on the plans or timber sale area map that requires designated mitigation measures.

Road Order — An order affecting and controlling traffic on roads under Forest Service jurisdiction. Road Orders are issued by a designated Forest Officer under the authorities of 36 CFR, part 260.

Utilization Standards — The minimum size and percent soundness of trees described in Public Works contract specifications or Timber Sale and stewardship contract provisions to determine merchantable timber.

Add Figure 101-1—Illustration of road structure terms:

Figure 101-1—Illustration of road structure terms



Section 102. - BID, AWARD, AND EXECUTION OF CONTRACT

Delete Section 102 Bid, Award, and Execution of Contract in its entirety.

Section 103. – SCOPE OF WORK

Delete all of Section 103 Scope of Work except Subsection 103.01 Intent of Contract.

Section 104. – CONTROL OF WORK

Delete Subsection 104.07 Coordination of Contract Documents.

Section 104. – CONTROL OF WORK

Add the following Subsection 104.12 Use of Roads by Contractor:

The Contractor is authorized to use roads under the jurisdiction of the Forest Service for all activities necessary to complete this contract, subject to the limitations and authorizations designated in the Road Order(s) or described in the contract, when such use will not damage the roads or national forest resources, and when traffic can be accommodated safely.

Section 105. – CONTROL OF MATERIAL

Add the following to Subsection 105.02(c) Material Sources, Contractor-located sources:

> All material (e.g., soil, gravel, sand, borrow, aggregate, etc.) transported onto National Forest System land or incorporated into the work shall be weed-free. The Contracting Officer may request written documentation of methods used to determine the weed-free status of any and all materials furnished by the contractor. Contractor-provided means and methods to establish weed-free status must be appropriate for the weeds of concern in the local area.

Section 105. – CONTROL OF MATERIAL

Delete second paragraph and subparagraphs (a) and (b) in Subsection 105.05 Use of Material Found in the Work and replace it with the following:

The right to use and process material found in the work excludes the use and processing of material for nongovernment contract work, except for the disposal of waste material. Materials produced or processed from Government lands in excess of the quantities required for performance of this contract are the property of the Government. Place excess material at government-approved agreed to location(s), at no additional cost to government.

Section 106. – ACCEPTANCE OF WORK

Delete the 3rd and 4th paragraphs in Subsection 106.01 Conformity with Contract Requirements.

Section 107. - LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

Add the following to Subsection 107.02 Protection and Restoration of Property and Landscape:

1. (Boundaries of crossing work areas will be clearly defined in the field. Upstream and downstream limits of disturbance on either side of a stream will be clearly marked in the field and reviewed by the project biologist prior to initiation of work. Areas of disturbance will be minimized as feasible.

2. Access to sites must be via pre-existing access routes to the greatest extent possible. If the use of a new access route is necessary, use will be approved by the project biologist prior to implementation. The extent of ground disturbance will be held to the minimum necessary to accomplish the job and restored to pre-project conditions when no longer needed.

3. The removal of existing willow or other woody riparian species will be minimized.

4. If needed, project sites will be surveyed to determine the presence of listed species. Surveys will be conducted by a U.S. Fish and Wildlife Service (Service)-approved biologist using Service-approved protocols with modifications allowed so that the surveys coincide with road and low-water crossing maintenance timing.

5. To minimize potential effects to water quality and aquatic wildlife, work will occur during periods of low or no flow.

6. A water pollution control plan will be developed by the Forest Service or its contractors specifying details related to control of sediment and hazardous materials, dewatering or diversion structures,

fueling and equipment management practices, and other factors deemed necessary by Forest Service engineers and resource specialists responsible for water quality and biological resource protection.

7. The Forest Service will coordinate with the Fish and Wildlife Service's (Service) Condor Recovery Program within one week prior to project implementation to determine if any California condors are known to be in the vicinity of the project area.

8. Trash and microtrash associated with the project will be removed on a daily basis during project implementation.

9. If a California Condor is seen landing within the project area all operations shall cease within 0.5 miles of the bird and the CO/COR shall be notified immediately.

10. All equipment used during maintenance and construction in this project should be cleaned prior to being used at the work site.

11. Ensure to the extent practicable, that road fill and gravel sources do not contain non-native invasive plant seeds.

12. Avoid placement of staging areas in non-native invasive plant infested areas.

13. Road maintenance activities will occur during the normal operating season from April 15 to October 15 unless otherwise approved by the Contracting Officer or Contracting Officer's Representative.

14. Rocking, straw mulch, hay bales, or waddles will be used as necessary, where the possibility of water spill or overflow would otherwise result in sediment being moved toward the creek.

15. No fueling or refueling of mechanical equipment will occur within 100 feet of any flowing watercourse or intermittent drainage.

16. Prior to the start of operations, the contractor shall prepare and provide in writing to the Government a Spill Prevention Control and Countermeasures Plan detailing how fuel spills are to be prevented and addressed when total oil and oil products storage exceeds 1320 gallons in containers of 55 gallons or greater. The SPCP shall meet applicable EPA (40 CFR 112) and State requirements and be certified by a registered professional engineer. The contractor shall notify the CO of all reportable (40 CFR 110) spills on or in the vicinity of the contract area that are caused by Contractor operations.

17. The contractor shall provide in writing to the Government and maintain a Hazardous Substance Plan. The plan shall include, but is not limited to; listing any hazardous substances used on the project area and shall have Material Safety Data Sheets available for those materials. All such materials shall be labeled in accordance with Federal and State regulations and this information shall be supplied to the Government responsible for supervising initial containment action for releases and subsequent cleanup.

18. The Contractor shall maintain all equipment operating on the project area in good repair and free of leakage of lubricants, fuel, coolant and hydraulic fluid. The Contractor shall take effective measures to prevent all leaking or spilled petroleum based products from stationary equipment and equipment being serviced. Refueling and maintenance activities associated with equipment and machinery at landings shall be conducted within fuel containment basins capable of holding and containing any potential fuel spills emanating from refueling units, refueling cells or the machinery being refueled. The Contractor shall furnish oil-absorbing mats for use under all

stationary equipment or equipment being serviced to prevent leaking or spilled petroleum-based products from contaminating soil and water resources.

19. The Contractor shall immediately notify appropriate agencies, including written notification to the Government of all spills, leaks or other releases of hazardous materials including petroleum products on or in the vicinity of NFS land caused directly or indirectly by the Contractor or Contractor's employees. The Contractor shall immediately take action to contain and cleanup, without expense to the Government, all petroleum products spills caused directly or indirectly by the Contractor or Contractor's employees. The Contractor shall properly transport and dispose of all contaminated soil, vegetation, debris, oil filters, oily rags, waste oil and any other materials in accordance with local, State and Federal regulations. Disposal of any such contaminated material on the National Forest is prohibited. The Contractor shall be liable for all damages and costs deemed necessary by the Government for the spill containment and cleanup. When all materials have been properly disposed of, a receipt from a certified hazardous waste facility will be delivered to the Government.

20. Isolate construction sites from stream flow before removing a culvert and performing work inside the stream channel. The work site may be completely dewatered or in some circumstances, the stream may be rerouted within the channel.

21. A water pollution control plan shall be developed by the Contractor, and approved by the Forest Service, specifying details related to control of sediment and hazardous materials, dewatering or diversion structures, fueling and equipment management practices, and other factors deemed necessary by Los Padres National Forest engineers and resource specialists with a background in water quality and biology.

22. Straw wattles, silt sediment fences, or straw bales, will be placed in the construction area as required to collect any storm water run-off carrying sediments.

23. Install erosion control measures on incomplete roads prior to precipitation events or the start of the winter period and in accordance with approved water pollution (or erosion) control plan.

24. Do not leave project areas for the winter with remedial measures incomplete.

25. C.4.1 No Treatment Areas (NTA) exist within the treatment units and project area. No entry is permitted in the NTA's. The NTA's for this project are too small to be mapped but will be flagged and identified on the ground for the contractor prior to operations in those areas

26. Within 15 days of the notice to proceed and prior to the commencement of the work, the Contractor will meet in conference with representatives of the Contracting Officer, at a time to be determined by the Government, to discuss and develop mutual understanding relative to scheduling and administering work

27. Cultural resource surveys have been conducted within the contract treatment units. All identified areas of concern have been recorded and are incorporated into the Special Treatment Areas. The Contractor is solely responsible for avoiding impacts to these, or any other control areas within the project units. During the performance of work under this contract, if previously unidentified archeological or historic sites are encountered, the Contractor shall discontinue work in the general area of the suspected site and contact the Government immediately. Work shall be suspended in that area until proper surveys have been completed by the Government.

28. Trash associated with this project will be removed and properly disposed of. A forest wildlife biologist or designee will brief all personnel involved in implementing the project on the importance of not leaving hazardous materials exposed and daily removal of all garbage fragments to maintain condor health. Garbage removal will be stipulated in mechanical brush treatment contracts.

29. Prior to the initiation of work, the Contractor shall consult and acquire all required State and County permits for activities conducted within road easements and right of ways.

30. The Contractor shall supply barriers, guards, signs, flag-persons or security personnel to ensure public safety throughout when operations may affect vehicular and pedestrian traffic flow. Traffic control devices must be in place during all periods of active operations and must be removed or covered during all periods of inactivity including end of shift. The contractor shall furnish and install, maintain and, upon completion of the work, promptly remove all signs, warning devices and other materials used in the performance of this work. All signs, signals, barricades, use of flag-persons, and other traffic control and public safety devices shall conform to the general requirements set forth in the Manual of Uniform Traffic Control Devices (MUTCD) and the latest edition of Standard Highway Signs and Standard Alphabets for Highway Signs and OSHA Construction Industry Standards (29CFR Part 1926), Subpart G, Signs, Signals, and Barricades.

31. Contractor shall dispose of and cleanup all refuse, flagging and contaminated soil caused by Contractor operations off NFS land and as required by all Federal, State, and Local authorities at the Contractor's expense.

32. Disturbance of existing vegetation will be minimized within the road clearing limits, at stream crossings, and approved disposal sites.

Section 108. - PROSECUTION AND PROGRESS

Delete Section 108 Prosecution and Progress in its entirety.

Section 109. - MEASUREMENT AND PAYMENT

Delete Subsections 109.06 Pricing and Adjustments, 109.07 Estimated Work, 109.08 Progress Payments, and 109.09 Final Payment.

Section 109. - MEASUREMENT AND PAYMENT

Delete Table 109-1 of Subsection 109.01 Measurement of Work and replace with the following:

Table 109-1

Decimal Accuracy of Quantities for Payment

Pay Item	**Level of Precision**
Acre	0.01
Cubic Foot	1
Cubic Yard	1
Cubic Yard Exception - Structure Excavation; Sheathing; Materials; Bedding, Bed Course, and Backfill, Materials; Gabions;	0.1
Cubic Yard Exception – Concrete; Masonry	0.01
Day	1
Each	1
Gallon	1
Hour	0.1
Linear Foot	1
Linear Foot Exception - Timber, Steel, and Concrete Piles	0.1
M-Gallon	0.1
Mile	0.01
Month	0.1
Pound	1
Square Foot	0.1
Square Yard	0.1
Station	0.1
Thousand Board Feet Measure	0.01
Ton	0.1
Ton Exception - Calcium Chloride; Sodium Chloride; Hydrated Lime; Bituminous Materials; Pavements; Bed Course Materials	0.01
Week	0.1

Section 109. - MEASUREMENT AND PAYMENT

Delete Subsection 109.02(c) Measurement Terms and Definitions, Contract quantity and replace with:

(c) Contract quantity. The quantity to be paid is the quantity listed in the bid schedule. The contract quantity will be adjusted for authorized changes that affect the quantity or for errors made in computing this quantity when that error exceeds 15% or more. If there is evidence that a quantity specific as a contract quantity is incorrect by 15% or more, submit

calculations, drawings, or other evidence indicating why the quantity is in error and request in writing that the quantity be adjusted.

Section 152. – CONSTRUCTION SURVEY AND STAKING

Delete Subsection 152.05(d)(2) Survey and Staking Requirements, Slope and reference stakes, Conventional survey methods and replace with the following:

(2) Conventional survey methods. When required, locate slope stakes on designated portions of the road. Locate the slope stake catch points and use them to establish clearing limits and slope stake references.

Mark slope stakes with the station, the amount of cut or fill, the horizontal distance to centerline, and the slope ratios.

Place slope reference stakes at least 10 feet outside the clearing limit and mark with the offset distance to the slope stake. Place sight stakes when required.

Prior to clearing and grubbing operations, move the slope stake outside the clearing limit to the slope reference stake. After clearing and grubbing and before excavation, reset the slope stakes in their original position.

Use the designated method to establish the slope stake catchpoint.

Method I—Computed Method. Use the template information shown in the plans or other Government-provided data to calculate the actual location of the catchpoint. The slope stake "catchpoint distance" provided may be used as a trial location to initiate slope staking. Recatch slope stakes on any section that does not match the staking report within the tolerances established in Table 152-1.

Method II—Catchpoint Measurement Method. Determine the location of slope stake catchpoints by measuring the catchpoint distances shown in the plans or other Government-provided data.

Replace Table 152-1 Construction Survey and Staking Tolerances with the following:

Table 152-1

Construction Survey and Staking Tolerances (1)

	Tolerance Class A		**Tolerance Class B (7)**	
Staking Phase	**Horizontal**	**Vertical**	**Horizontal**	**Vertical**
Control points set from existing Government control points	±0.03 feet	±0.01 feet × √N (2)	±0.16 feet	±0.16 feet ×√N (2)
Mapping, topography, and cross-section Points	±0.16 feet	±0.16 feet	±1.00 feet	±0.50 feet
Centerline points (3)	±0.06 feet	±0.06 feet	±0.16 feet	±0.16 feet
Slope-stake and slope-stake references (4)	±0.16 feet	±0.16 feet	±0.50 feet	±0.16 feet
Culverts, ditches, and minor drainage structures stakes	±0.16 feet	±0.06 feet	±0.50 feet	±0.16 feet
Retaining walls stakes	±0.06 feet	±0.03 feet	±0.06 feet	±0.03 feet
Curb and gutter stakes	±0.06 feet	±0.03 feet	±0.06 feet	±0.03 feet
Bridge substructures stakes	±0.03 feet (5)	±0.03 feet	±0.03 feet (5)	±0.03 feet
Bridge superstructures stakes	±0.03 feet (5)	±0.03 feet	±0.03 feet (5)	±0.03 feet
Clearing and grubbing limit stakes	±1.00 feet	–	±2.00 feet	—
Roadway subgrade finish stakes-Tolerance Class A (6)	±0.16 feet	±0.03 feet	±0.50 feet	±0.16 feet
Roadway finish grade stakes (6)	±0.16 feet	±0.03 feet	±0.50 feet	±0.16 feet

(1) At statistical 95 percent confidence level. Tolerances are relative to existing Government control points.
(2) N is the number of instrument setups.
(3) Centerline points: PC - point of curve, PT - point of tangent, POT - point on tangent, POC - point on curve.
(4) For Tolerance Class A only, take the cross-sections normal to the centerline ±1 degree.
(5) Bridge control is established as a local network and the tolerances are relative to that network.
(6) For Tolerance Class A only, includes paved ditches.
(7) Tolerance Class B for Very Low Volume Roads with an aggregate or native finished surface.

Section 156. – PUBLIC TRAFFIC

Add the following to the end of Subsection 156.06 Limitations on Construction Operations as a separate paragraph:

Road segments may be closed as shown in Table 156-1. The maximum consecutive days of closure shall be followed by a minimum number of consecutive days open to traffic as shown. Maintain traffic control devices during closure period(s).

Table 156-1

Temporary Road Closures

Road Number	From Terminus	To Terminus	Maximum Consecutive Days of Closure	Minimum Consecutive Days Open	Remarks
20S05.3	Project site	Project site	All	N/A	Road to be closed to public and administrative traffic during construction project. Because road is used as a trail by the public, traffic control signs and a traffic control plan, approved by the FS, are still required.

Section 157. – SOIL EROSION AND SEDIMENT CONTROL

Add before first sentence in Subsection 157.04 General:

Thirty (30) days prior to the start of construction, submit a written plan according to subsection 104.04 with all necessary permits that provides permanent and temporary erosion control measures to minimize erosion and sedimentation during and after construction.

Section 203. - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Delete the first paragraph after Subsection b in 203.05 Removing Material and replace with the following:

Remove structures and obstructions in the roadbed to 12 inches below subgrade elevation. Remove structures and obstructions outside the roadbed to 12 inches below finished ground or to the natural stream bottom.

Section 203. - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Delete the third paragraph of Subsection 203.06 Abandoning Structures.

Section 203. - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Add the following to Subsection 203.07 Disposing of Material:

Dispose of unsuitable and excess material according to the specified method(s) as follows:

(a) Windrowing Construction Slash. Place construction slash outside the roadway in neat, compacted windrows approximately parallel to and along the toe line of embankment slopes. Do not permit the top of the windrows to extend above subgrade. Use construction equipment to matt down all material in a windrow to form a compact and uniform pile. Construct breaks of at least 15 feet at least every 200 feet in a windrow. Do not place windrows against trees.

(b) Scattering. Scatter construction slash in designated areas without damaging trees. Limb all logs. Place logs and stumps away from trees, positioned so they will not roll, and are not on top of one another. Limb and scatter other construction slash to reduce slash concentrations. When scattering for erosion control, place construction slash as flat as practicable on the completed slope.

(c) Chipping. Use an approved chipping machine to chip slash longer than 3 feet. Deposit chips on embankment slopes or outside the roadway to a loose depth less than 6 inches. Minor amounts of chips or ground woody material may be permitted within the roadway if they are thoroughly mixed with soil and do not form a layer.

(d) Debris Mat. Use tree limbs, tops, cull logs, split stumps, wood chunks, and other debris to form a mat upon which construction equipment is operated. Place stumps upside down and blend stumps into the mat.

(e) Decking. Remove brush from designated log deck areas. Limb and top logs.

Logs not meeting the Utilization Standards described in Subsection 201.04(c) shall be cut to lengths less than <u>20</u> feet and decked in designated log deck location.

Merchantable timber not associated with an existing timber sale shall be cut to length meeting the Utilization Standards described in Subsection 201.04(c).

Deck logs so that logs are piled parallel to one another; can be removed by standard log loading equipment; will not damage standing trees; will not interfere with drainage, and will not roll. Keep logs in log decks free of brush and soil.

(f) Removal to designated locations. Remove construction slash to designated locations.

(g) Piling. Pile construction slash in designated areas. Place and construct piles so that if the piles are burned, the burning will not damage remaining trees. Keep piles free of dirt from stumps.

Section 204. – EXCAVATION AND EMBANKMENT

Delete Subsection 204.06 Roadway Excavation and replace with the following:

204.06 Roadway Excavation. Excavate as follows:

(a) Rock cuts. Verify the top portion of the rock cuts during pioneer access or initial excavation. Construct the final soil cut before starting drilling for rock blasting or other rock excavation methods unless approved. Blast rock according to Forest Service Supplemental Specification Section 205 if approved by the CO. Excavate rock cuts to 6 inches below subgrade within the roadbed limits. Backfill to subgrade with select borrow. Compact the material according to Subsection 204.11.

(b) Earth cuts. Scarify earth cuts to 6 inches below subgrade within the roadbed limits. Compact the scarified material according to Subsection 204.11.

(c) Drainage Feature. Drainage feature includes construction of all ditches, minor channel changes, drainage dips, catch basins, surface water deflectors, and other minor drainage structures. Compact the material according to Subsection 204.11. Excavate on a uniform grade between control points.

Remove snow or ice in advance of the work and deposit beyond the roadway limits in a manner to prevent resource damage.

Conserve 6-inch minus material from the roadway excavation to use for finishing the roadbed. Dispose of unsuitable or excess excavation material according to Subsection 204.14. Replace shortage of suitable material caused by premature disposal of roadway excavation.

At the end of each day's operations, shape to drain and compact the work area to a uniform cross-section.

Section 204. – EXCAVATION AND EMBANKMENT

Delete 204.16(a)(1)(a) Measurement, Roadway Excavation and replace with the following:

(a) Roadway prism excavation;

Add the following to Subsection 204.16(g) Measurement:

(g) Drainage features. Measurement includes all excavation, embankment, shaping, and grading necessary for a completed drainage feature.

Section 301. - UNTREATED AGGREGATE COURSES

Add the following to Subsection 301.03 General:

Written approval of the roadbed is required before placing aggregate.

For pit run material, furnish material smaller than the maximum size identified in the plans, no gradation will be required otherwise. After processing on the road, remove all oversize material from the road and dispose as directed by the CO.

Provide additives or binder, if required, at the proportions specified.

Develop and use Government furnished sources according to Section 105.

If the aggregate is produced and stockpiled before placement, handle and stockpile according to Section 314.

Section 633. - PERMANENT TRAFFIC CONTROL

Delete the first sentence of Subsection 633.03 General and replace with the following:

Provide and install permanent traffic control devices according to the MUTCD, USDA Forest Service EM-7100-15 and as shown in the plans.

Add the following sentence to Subsection 633.03 General:

Sign panel layout proofs shall be approved by the CO prior to ordering.

Section 703. - AGGREGATE

Delete Subsection 703.09(e) Chip Seal Aggregate and Replace with the following:

(e) Los Angeles abrasion, AASHTO T 96 30 percent maximum.

Section 704. - SOIL

Delete "15.0" under Sieve Size no. 200 /Backfill with Metallic Reinforcement" and replace with "10.0" in Table 704-3 Select Granular Backfill in Subsection 704.03 Select Granular Backfill.