

**FOREST SERVICE**  
**SUPPLEMENTAL SPECIFICATIONS**

**FOR**

**SOUTH FORK JUDITH RIVER ROAD REPAIRS**  
**ROAD NO. 487 - M.P. 13.103-19.439**

**U.S.D.A Forest Service, Region 1**  
**Lewis and Clark National Forest**  
**Judith Ranger District**  
**Judith Basin County, Montana**

**SOUTH FORK JUDITH RIVER ROAD REPAIRS  
(Rd. No. 487 - M.P. 13.109-19.439)**

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**TABLE OF CONTENTS**

PREFACE.....	1
101 – TERMS, FORMAT, AND DEFINITIONS.....	2
102 – BID, AWARD, AND EXECUTION OF CONTRACT.....	5
103 – SCOPE OF WORK.....	6
104 – CONTROL OF WORK.....	7
105 – CONTROL OF MATERIAL.....	8
106 – ACCEPTANCE OF WORK.....	9
107 – LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC.....	10
108 – PROSECUTION AND PROGRESS.....	11
109 – MEASUREMENT AND PAYMENT.....	11
151 – MOBILIZATION.....	12
153 – CONTRACTOR QUALITY CONTROL.....	13
155 – SCHEDULES FOR CONSTRUCTION CONTRACTS.....	13
156 – PUBLIC TRAFFIC.....	14
204 – EXCAVATION AND EMBANKMENT.....	15
251 – RIPRAP.....	16
622 – RENTAL EQUIPMENT.....	17

## **PREFACE**

Delete all but the first paragraph and add the following:

The Forest Service, US Department of Agriculture has adopted FP-03 for construction of National Forest System Roads.

## 101 – TERMS, FORMAT, AND DEFINITIONS

### 101.01 Meaning of Terms.

Add the following:

Delete all references in FP-03 to Transportation Acquisition Regulations (TAR).

### 101.03 Abbreviations.

Add the following to (a) Acronyms:

AFPA	American Forest and Paper Association
MSHA	Mine Safety and Health Administration
NIST	<u>National Institute of Standards and Technology</u>
NESC	National Electrical Safety Code
WCLIB	West Coast Lumber Inspection Bureau

Add the following to (b) SI Symbols:

mp	Milepost
ppm	Part Per Million

### 101.04 Definitions.

Delete the following definitions and substitute the following:

**Bid Schedule**--The Schedule of Items.

**Bridge**--No definition.

**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**--No definition.

**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:

**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.

**Design Quantity**--“Design quantity” is a Forest Service method of measurement from the FS-96 *Forest Service Specifications for the Construction of Roads and Bridges*. Under these FP specifications this term is replaced by the term “Contract Quantities”.

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

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

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

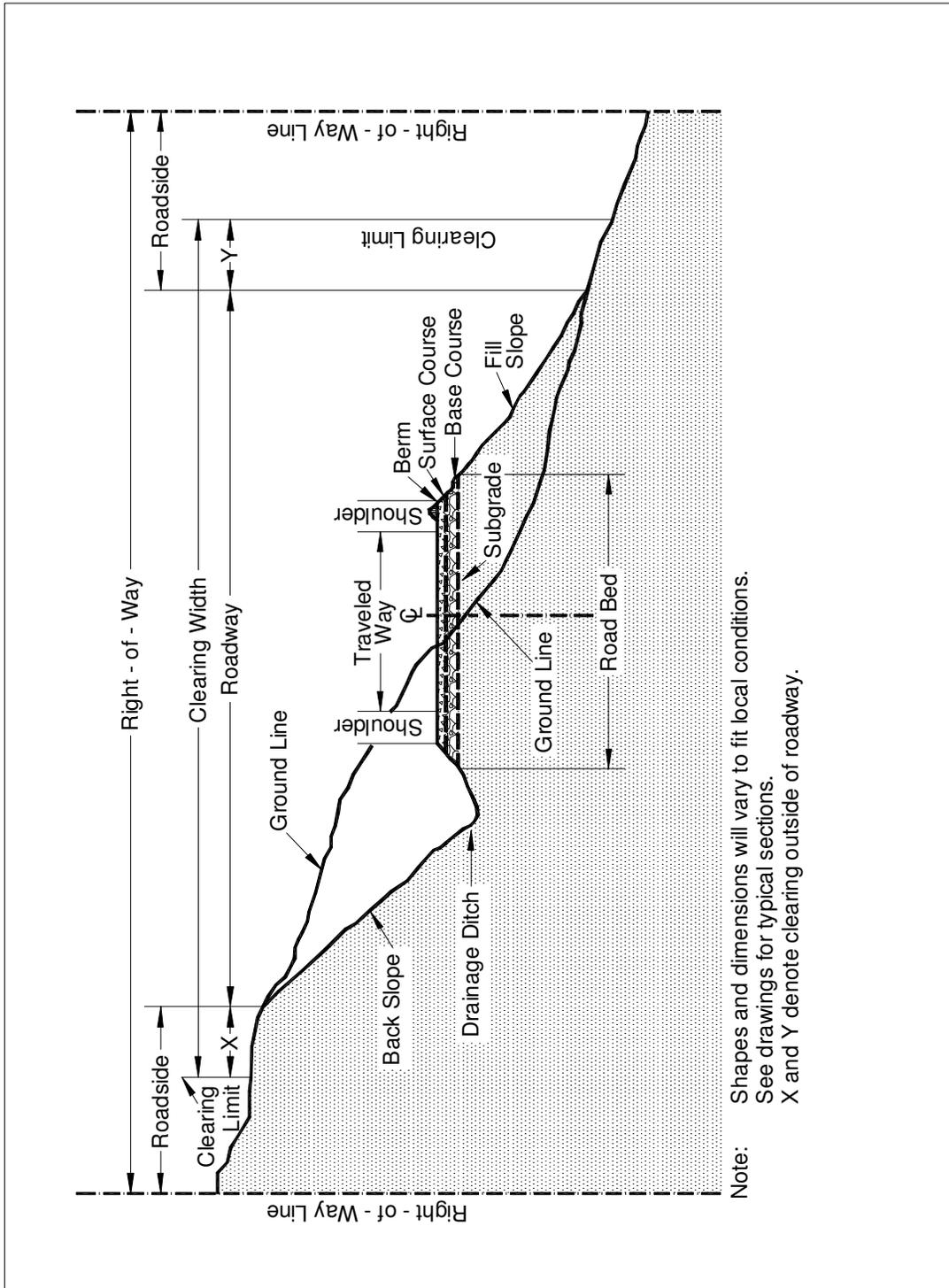
**Protected Streamcourse**--A drainage shown on the plans or timber sale area map that requires designated mitigation measures.

**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.

**Schedule of Items**--A schedule in the contract that contains a listing and description of construction items, quantities, units of measure, unit price, and amount.

**Utilization Standards**--The minimum size and percent soundness of trees described in the specifications to determine merchantable timber.

Figure 101-1—Illustration of road structure terms.



## **102 – BID, AWARD, AND EXECUTION OF CONTRACT**

### **102 Bid, Award, and Execution of Contract**

Delete Section 102 in its entirety.

## 103 – SCOPE OF WORK

### **Deletions**

Delete all but subsection 103.01 Intent of Contract.

## 104 – CONTROL OF WORK

### **Deletions**

Delete sections 104.01, 104.02, and 104.04.

Add the following subsection:

### **104.06 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.

## 105 – CONTROL OF MATERIAL

### 105.02 Material Sources.

Add the following before the first paragraph.

Sources have been designated for this project as follows:

Riprap – Government Furnished – The material for the riprap rock is available in a borrow pit located close to the project. The borrow pit is at the location shown in the drawings. The distance from the borrow pit to the project is approximately 10.5 miles. The borrow pit is located up the Dry Pole Road 6392. In addition to the riprap located in the borrow pit, there is approximately 10 cubic yards of riprap at the project site that can be utilized to supplement the riprap from the borrow pit.

Roadway Embankment – Government Furnished – The Contractor shall use onsite material from channel excavation for embankment construction.

Sod Mats – Government Furnished – The Contractor shall use onsite sod mats as noted on the plans and as designated by the CO.

Waste Site- Government Furnished – Material will be disposed of at a location along Road 821. The disposal site is approximately 300 yards from the project area.. Contractor shall reclaim waste disposal area by shaping material per the direction of the CO. This work is incidental to the excavation bid item. The exact location of the waste site shall be staked by the CO.

Willow Trees – Government Furnished – Willow trees that will be planted along the areas disturbed by the project will be government furnished. The willow trees will be planted using excavator rental time.

Under (b) Contractor-located sources add the following:

All materials and equipment used on this project shall be free of noxious weed as listed on the "All States Noxious Weeds List". Contractor must submit certified statements that all materials to be used for this project meet Local, State, and Federal weed free certifications.

## 106 – ACCEPTANCE OF WORK

### **106.07 Delete**

Delete subsection 106.07.

## **107 – LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC**

### **107.05 Responsibility for Damage Claims.**

Delete the entire subsection.

### **107.06 Contractor’s Responsibility for Work.**

Delete the following.

“except as provided in Subsection 106.07”

### **107.09 Legal Relationship of the Parties.**

Delete the entire subsection:

### **107.10 Environmental Protection.**

Add the following:

Design and locate equipment repair shops, stationary refueling sites, or other facilities to minimize the potential and impacts of hazardous material spills on Government land.

Before beginning any work, submit a Hazardous Spill Plan. Submit a list of actions to be taken in the event of a hazardous spill. Incorporate preventive measures to be taken, such as the location of mobile refueling facilities, storage and handling of hazardous materials, and similar information. Immediately notify the CO of all hazardous material spills.

Provide a written narrative report form no later than 24 hours after the initial report and include the following:

- Description of the item spilled (including identity, quantity, manifest number, and other identifying information).
- Whether amount spilled is EPA or state reportable, and if so whether it was reported, and to whom.
- Exact time and location of spill including a description of the area involved.
- Containment procedures.
- Summary of any communications contractor had with news media, Federal, state and local regulatory agencies and officials, or Forest Service officials.
- Description of clean-up procedures employed or to be employed at the site including final disposition and disposal location of spill residue.

When available provide copies of all spill related clean up and closure documentation and correspondence from regulatory agencies.

The Contractor is solely responsible for all spills or leaks that occur during the performance of this contract. Contractor shall clean up spills or leaks to the satisfaction of the CO and in a manner that complies with Federal, state, and local laws and regulations.

## 108 – PROSECUTION AND PROGRESS

### 108 Delete

Delete Section 108 in its entirety.

## 109 – MEASUREMENT AND PAYMENT

### 109 Deletions

Delete the following entire subsections:

**109.06 Pricing of Adjustments.**

**109.07 Eliminated Work.**

**109.08 Progress Payments.**

**109.09 Final Payment.**

**109.02 Measurement Terms and Definitions.**

**(b) Contract quantity.**

Add the following:

Contract quantities will be adjusted only when there are errors in the original design of 15% or more.

One of the following Methods of Measurement for determining final payment is designated in the Schedule of Items for each Pay Item:

[a] Contract Quantities (CQ) – As previously defined.

[b] Actual Quantities (AQ) – These quantities are determined from measurements of completed work.

[c] Lump Sum Quantities (LSQ) – These quantities denote one complete unit of work as described in 109.02 (h).

Change the following:

“(b) Cubic yard” to “(c) Cubic yard”.

Add the following definition:

**(p) Thousand Board Feet (Mbf).** 1,000 board feet based on nominal widths, thickness, and extreme usable length of each piece of lumber or timber actually incorporated in the job. For glued laminated timber, 1,000 board feet based on actual width, thickness, and length of each piece actually incorporated in the job.

## **151 – MOBILIZATION**

### **151.01 Description**

Add the following requirements:

Noxious Weed Control Requirements:

All construction equipment to be used at the job site shall be cleaned and certified free of noxious weeds and their seeds prior to entrance on to forest lands, whether they are owned, leased or borrowed by the Contractor or any subcontractors. “Construction equipment” does not include personal vehicles or support equipment that remains on the main travel route.

Cleaning shall occur off forest land.

Construction equipment shall be visually inspected by the CO and each one certified in writing to be reasonably clean and weed free. Inspections will take place off of forest lands with the Contractor providing at least 24 hours notice. The location of the inspection site is to be agreed upon in advance between the CO and the Contractor or Subcontractor. Equipment is expected to proceed directly to the job site following the inspection and to not leave the designated weed management district wherein the job site exists.

Certification shall remain valid for each identified piece of equipment for the duration of the specified project and only as long as the equipment remains at the job site or within the designated weed management district. Equipment leaving the designated weed management district will need to be recertified as weed free before being allowed to return to the job site.

Heavy equipment used for this project will be inspected for leaks each day prior to entering the work area. Any leaks or excess oil and grease shall be removed prior to use.

### **151.03 Payment**

Add the following:

Include all costs associated with the cleaning of equipment in the unit price for Mobilization.

## **153 – CONTRACTOR QUALITY CONTROL**

### **153.02 Contractor Quality Control Plan**

#### **(1) Preparatory phase**

(f) – Add the following:

The locations where construction will start and end along the stream will be staked by the Government.

## **155 – SCHEDULES FOR CONSTRUCTION CONTRACTS**

### **155 Delete**

Delete Section 155 in its entirety.

## **156 – PUBLIC TRAFFIC**

### **156.03 Accommodating Traffic During Work.**

Delete the first paragraph and replace with the following:

Accommodate traffic according to the requirements set forth below, MUTCD, and Section 635.

Add the following project specific requirements:

The road will be allowed to be closed for 5 business days. It may be closed during business hours from 8 am to 5 pm. The road shall not be closed on any weekend days.

A road closed sign and barrier will be provided by the Forest Service, and must be placed on the road during the closure period. The road closed sign and barrier shall be placed before the road enters the ford.

### **156.08 Traffic and Safety Supervisor.**

Delete this subsection in its entirety.

### **156.10 Measurement and payment.**

Delete this subsection in its entirety and replace with the following:

Do not measure Public Traffic for payment. Compensation for this item shall be incidental to Mobilization.

## **204 – EXCAVATION AND EMBANKMENT**

### **204.05 Conserved Topsoil.**

Add the following:

Conserve topsoil and vegetated soil mats from excavation and embankment areas. Stockpile conserved topsoil and vegetated soil mats in low windrows immediately beyond the rounding limits of cut and embankment slopes or in other approved locations. Separate from other excavated material. Water soil mats as necessary to ensure transplant success.

### **204.08 Borrow Excavation**

Add the following subsection:

#### **204.08A Excavation For Stream Modification.**

Do not disturb material and vegetation outside the construction limits. Do not operate equipment in the live stream unless given approval by the CO.

### **204.11 Compaction.**

Delete and replace with the following:

Layer Placement (Roller Compaction) Method. Place material by end dumping to the minimum depth needed for operation of spreading equipment. Adjust the moisture content of the material to obtain a mass that will not visibly deflect under the load of the hauling and spreading equipment. Operate compaction equipment over the full width of each layer until visible deformation of the layer ceases or, when a sheepsfoot roller is used, the roller “walks out” of the layer. Make at least three complete passes.

### **204.14 Disposal of Unsuitable or Excess Material.**

Delete the text of the first paragraph and substitute the following:

Dispose of unsuitable or excess material at designated sites or as directed by the CO. Sites will need to be graded and prepared after placing material. Shape material after all material has been placed. Contractor shall maintain haul road during hauling activities and perform final maintenance once hauling is complete.

## **251 – RIPRAP**

### **251.01 Description.**

Replace with the following:

This work consists of hauling, and placing riprap for bank protection, and erosion control.

### **251.02 Material.**

Add the following:

Project allows use of suitable on-site Riprap as designated on the plans. All of the other riprap material must come from the designated borrow pit, as shown on the plans.

### **251.07 Acceptance.**

Delete the fourth sentence and add the following:

Structure excavation for riprap is incidental to the riprap.

### **251.09 Payment.**

Add the following:

The cost of excavation, embankment and haul required for placement of riprap is incidental to the riprap pay item.

## **622 – RENTAL EQUIPMENT**

### **622.02 Rental Equipment.**

Delete the first two sentences of the first paragraph and add the following:

Hydraulic Excavator 90 HP minimum. Provide a track mounted hydraulic excavator, 15 years or newer. Bucket must be equipped with a hydraulic "thumb". It is anticipated that an excavator of a size capable of performing the excavation needs for the project, i.e. structure excavation & embankment placement, will be of an adequate size to be acceptable for any work that the Contractor may be directed to perform under this section. Submit the model number of the equipment to the CO for approval before delivery to the project site. Equipment shall be reasonably free of leaks and other mechanical deficiencies. It is expected that excavator rental will be used to gather and plant vegetation.

### **622.04 & 622.05 Measurement and Payment.**

Add the following:

The contractor shall be aware of the following statement within section F of the Contract under FAR 52.211-18 Variation in Estimated Quantities: "Adjustment of contract prices as described in this section shall not apply to section 622.... The government reserves the right to reduce or eliminate entirely the work under this item with no adjustment in the contract unit price."