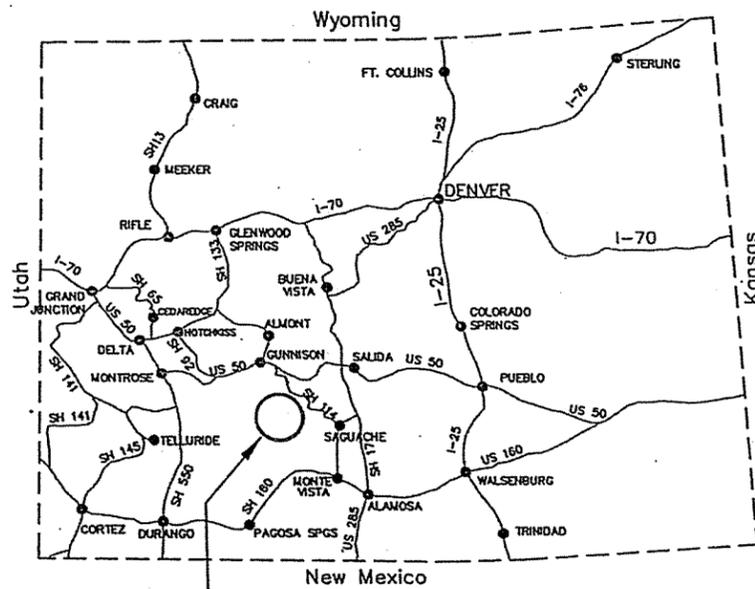


UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

REGION 2  
GRAND MESA, UNCOMPAHGRE AND GUNNISON NATIONAL FOREST  
DRAWINGS FOR  
**STEWIE SPRUCE RE-OFFER TIMBER SALE**  
SAGUACHE COUNTY, COLORADO

STATE LOCATION MAP

Not to Scale



Project Location

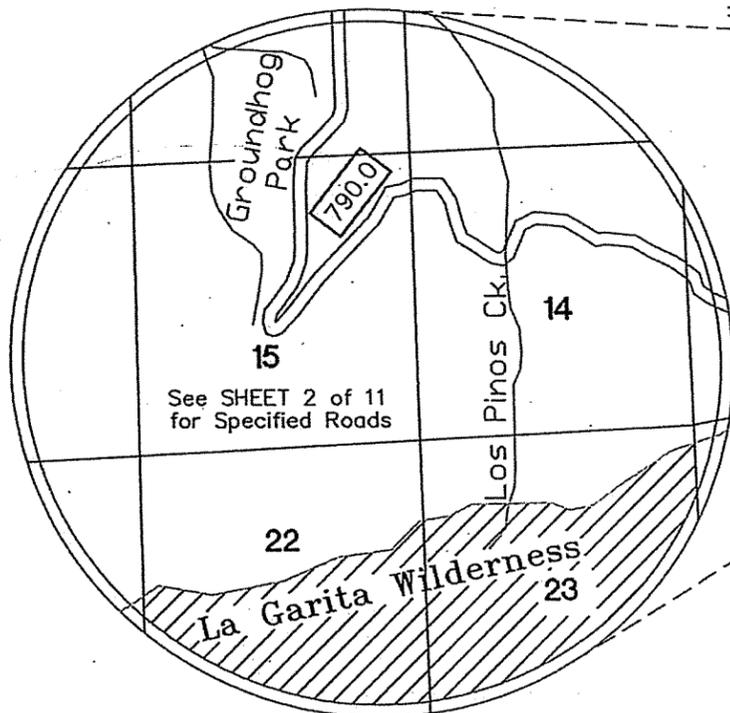
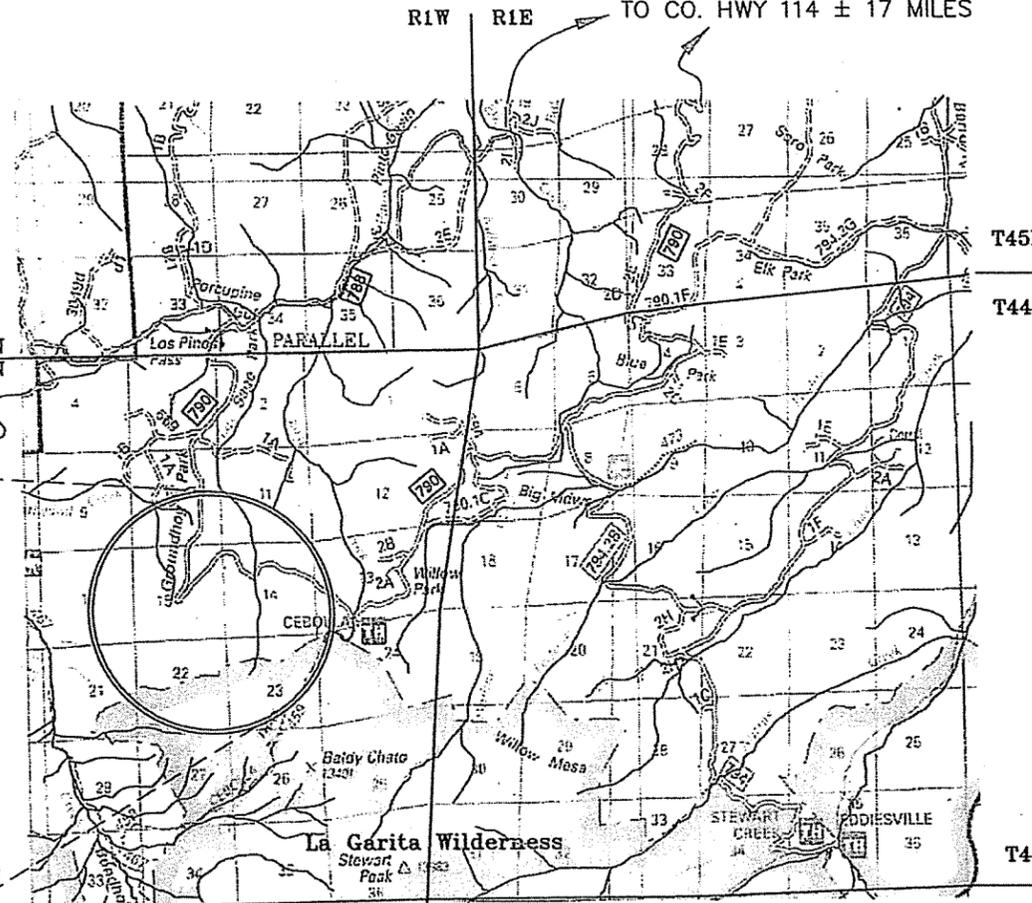


INDEX TO SHEETS

SHEET NO.	SHEET TITLE
1	TITLE
2	LOCATION MAP
3	SUMMARY OF ESTIMATED QUANTITIES
4	CONSTRUCTION NOTES
5	TYPICAL ROADWAY SECTIONS
6	ROLLING DIP
7	GRADE DIP
8	ARMORED DOUBLE GRADE DIP - NFSR 865.1D
9	ROAD LOG - NFSR 790
10	ROAD LOG - NFSR 865
11	ROAD LOG - NFSR 865.1D

TO GUNNISON ± 44 MILES  
TO OLD AGENCY ± 8 MILES  
TO CO. HWY 114 ± 17 MILES

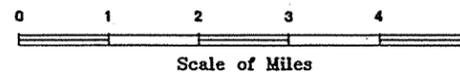
ELEVENTH STANDARD T45N PARALLEL T44N NORTH  
TO POWDERHORN ± 19 MI.



LEGEND

- ARTERIAL ROAD
- SPECIFIED ROAD
- 4X4 ROAD
- DRAINAGE

NEW MEXICO PRINCIPAL MERIDIAN



*George A. Goff* Date: 8/12/2016  
Project Engineer

Recommended by:  
These Drawings comply with the applicable technical requirements and engineering standards as delegated to this position.  
*[Signature]* Date: 8/12/2016  
Forest Engineer

These Drawings comply with the Forest Plan and project specific NEPA documentation.  
*John R. Murphy* Date: 8/12/2016  
District Ranger  
Approved by:  
*[Signature]* Date: 8/15/2016  
Forest Supervisor

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U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
**R-2**  
ROCKY MOUNTAIN REGION

Designed: GAG  
Drawn: GAG  
Checked: CDC  
Date: May 2016

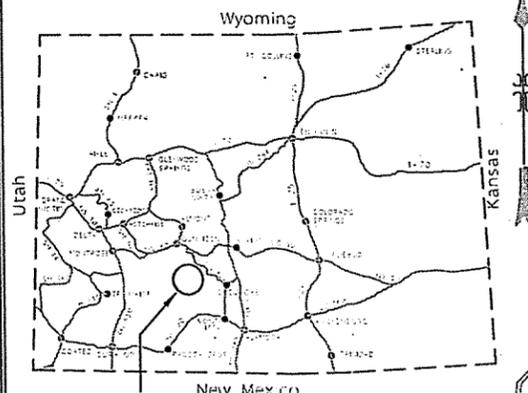
Forest  
**GRAND MESA, UNCOMPAHGRE  
& GUNNISON NATIONAL FORESTS**

Project Name  
**STEWIE SPRUCE RE-OFFER  
TIMBER SALE**

Sheet Title  
**TITLE**  
Scale: NOT TO SCALE  
Sheet: 1 of 11

STATE LOCATION MAP

Not to Scale

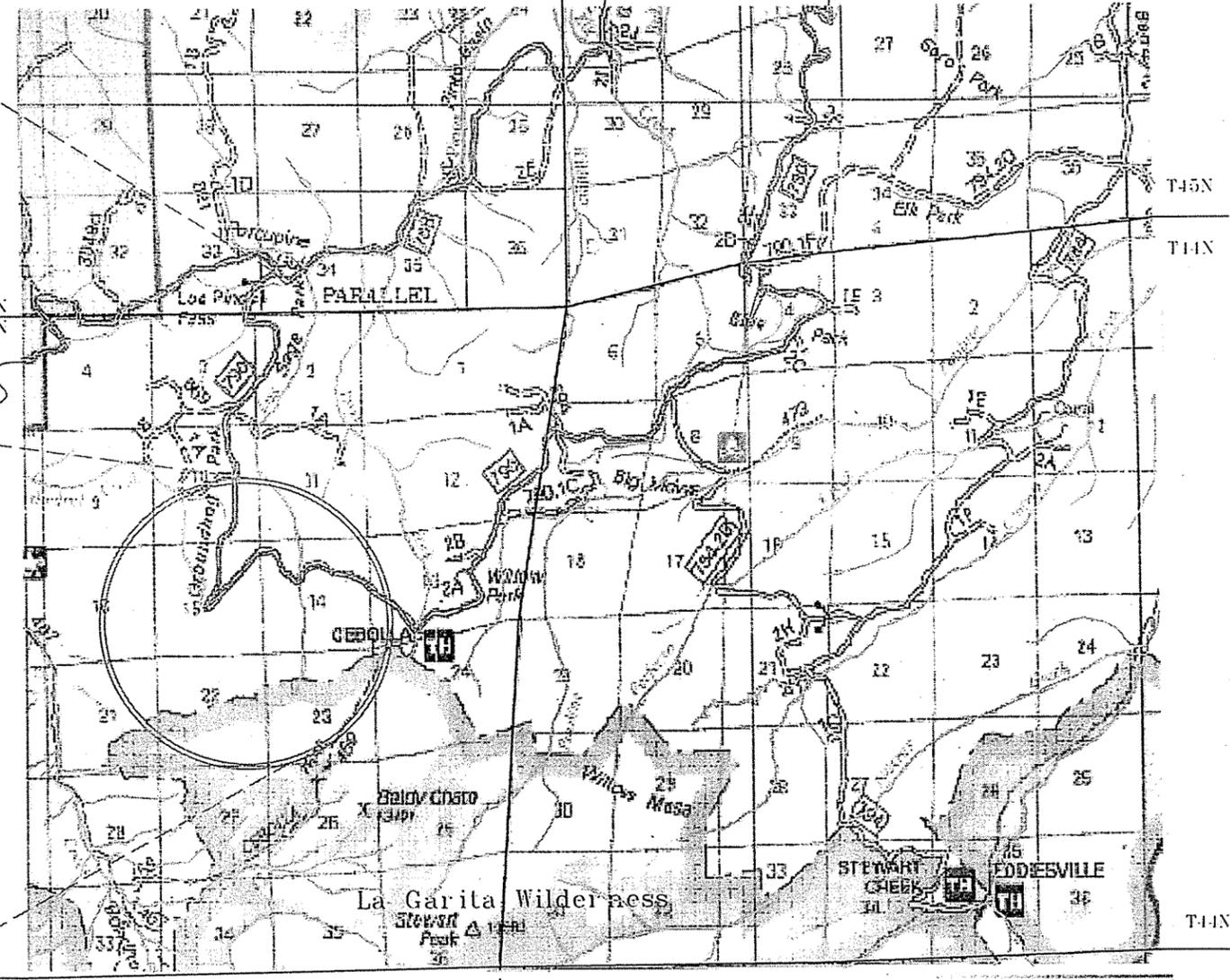
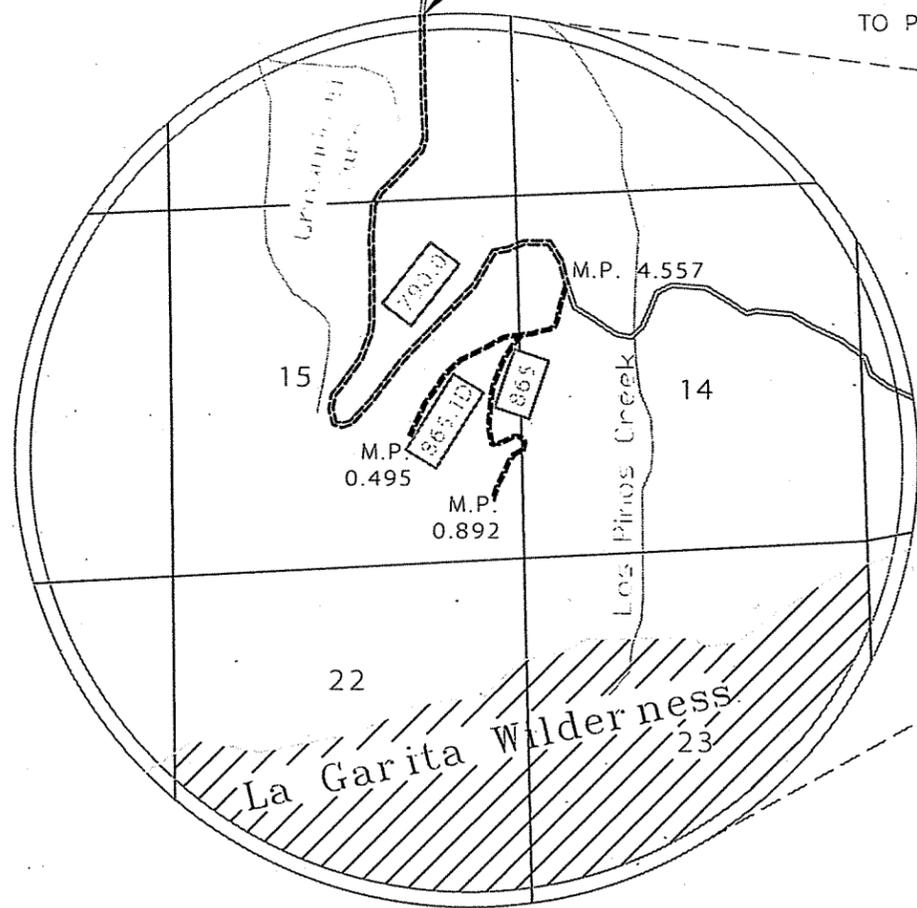


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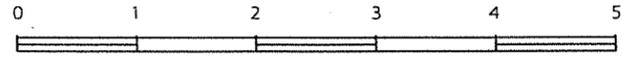
LEGEND

- ARTERIAL ROAD
- SPECIFIED ROAD
- 4X4 ROAD
- DRAINAGE

TO GUNNISON ± 44 MILES  
 TO OLD AGENCY ± 8 MILES  
 TO CO. HWY 114 ± 17 MILES



NEW MEXICO PRINCIPAL MERIDIAN



Scale of Miles

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U.S. DEPARTMENT OF AGRICULTURE  
 FOREST SERVICE  
  
**R-2**  
 ROCKY MOUNTAIN REGION

Designed: GAG  
 Drawn: GAG  
 Checked: CDC  
 Date: May 2016

Forest  
**GRAND MESA, UNCOMPAHGRE  
 & GUNNISON NATIONAL FORESTS**

Project Name  
**STEWIE SPRUCE RE-OFFER  
 TIMBER SALE**

Sheet Title  
**LOCATION MAP**  
 Scale: NOT TO SCALE  
 Sheet: 2 of 11

ITEM NUMBER	ITEM DESCRIPTION	UNIT	METHOD OF MEASURE	QUANTITIES BY ROAD NUMBER				PROJECT TOTALS
				NFSR 790	NFSR 865	NFSR 865.1D		
203.17(A)	DRAINAGE EXCAVATION, TYPE - ROLLING DIP, CONSTRUCT, TOLERANCE 'J', COMPACTION METHOD 2 (LAYER PLACEMENT, EQUIPMENT TRAVEL)	EA	AQ	4	1	-		5
203.17(B)	DRAINAGE EXCAVATION, TYPE - ROLLING DIP, RECONSTRUCT EXISTING, TOLERANCE 'J', COMPACTION METHOD 2 (LAYER PLACEMENT, EQUIPMENT TRAVEL)	EA	AQ	-	6	-		6
203.17(C)	DRAINAGE EXCAVATION, TYPE - ROLLING DIP, RECONDITION EXISTING, TOLERANCE 'J', COMPACTION METHOD 2 (LAYER PLACEMENT, EQUIPMENT TRAVEL)	EA	AQ	-	9	-		9
203.17(D)	GRADE DIP, RECONDITION, TOLERANCE 'J', COMPACTION METHOD 2 (LAYER PLACEMENT, EQUIPMENT TRAVEL)	EA	AQ	-	2	-		2
203.17(E)	GRADE DIP, CONSTRUCT, TOLERANCE 'J', COMPACTION METHOD 2 (LAYER PLACEMENT, EQUIPMENT TRAVEL)	EA	AQ	-	-	8		8
203.17(F)	GRADE DIP, CONSTRUCT, ARMOR WITH GEOGRID & 24 CY CDOT CLASS 6 AGGREGATE, INSTALL 2 ROCK UNDER DRAINS (6 CY MINUS 3" ANGULAR ROCK) WRAPPED IN GEOTEXTILE, TOLERANCE 'J', COMPACTION METHOD 2 (LAYER PLACEMENT, EQUIPMENT TRAVEL)	EA	AQ	-	-	1		1
306.01	ROAD RECONDITIONING, COMPACTION METHOD 'A' (HAUL EQUIPMENT) OR 'E' (GRID ROLLER), INCLUDES FRINGE CLEARING	MI	DQ	-	0.892	0.495		1.387
601.01	MOBILIZATION (INCLUDES BONDING, PROFIT & OVERHEAD)	LSQ	LSQ	-	1	-		1
603.01(18)	18" CORRUGATED METAL PIPE, 0.064" THICK STEEL (16 Ga.) - COMPACTION METHOD 'A' (DENSITY EXCEEDS SURROUNDING) INCLUDES CATCH BASIN & 50 LF DITCH	EA	AQ	24	-	-		24
625.01	SEEDING, DRY METHOD WITHOUT MULCH	AC	DQ	0.02	1.08	0.60		1.70
703.05	SURFACE COURSE AGGREGATE, CDOT CLASS 6, FURNISH, SPREAD & COMPACT, METHOD 'A' OR 'E' AS IN SECTION 304	CY	DQ	110	-	-		110

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Designed: GAG  
 Drawn: GAG  
 Checked: CDC  
 Date: May 2016

Forest  
 GRAND MESA, UNCOMPAHGRE  
 & GUNNISON NATIONAL FORESTS

Project Name  
 STEWIE SPRUCE RE-OFFER  
 TIMBER SALE

Sheet Title SUMMARY  
 OF ESTIMATED QUANTITIES  
 Scale NOT TO SCALE  
 Sheet of 3 of 11

SECTION 156 - PUBLIC TRAFFIC:

- A. Temporary Traffic Control requirements and signing requirements can be found in the Special Project Specifications for this section. Signs and traffic control devices must meet the requirements of the corresponding MUTCD Sections and Subsections.

SECTION 157 - EROSION CONTROL:

- A. A plan for permanent and temporary erosion control measures must be submitted & approved prior to the start of construction. Any required permits associated with this project are the responsibility of and must be obtained by the Purchaser.

SECTION 173 - CONSTRUCTION SURVEY & STAKING:

- A. If Clearing is necessary, mark the clearing limits with flagging or tags on trees to be left standing, or on a lath.
- B. Road builder shall be required to stake all rolling dips and other drainage structures.

SECTION 201 - CLEARING & GRUBBING

- A. 201.03 Utilization of Timber:  
Method 2 (Limb & Deck) as per the Timber Sale Contract
- B. 201.05 Slash Treatment Options:  
Tops & Limbs: Method 4 (Scattering), or Method 5 (Burying)  
Logs: 11 (Piling), Stumps: Scattering or Burying  
Nonmerchantable Timber: Scattering or Burying.

SECTION 203 - EXCAVATION, EMBANKMENT & HAUL:

- A. In areas where excess material is generated during reconditioning of the existing roads, treat it in accordance with Section 203.16, Embankment Placement, Compaction Method 2-Layer Placement.
- B. Excess material and material encountered during excavation which is unsuitable for use in the embankment shall be disposed of at designated sites adjacent to the roadway as directed by the Engineer. Rocks too large to be incorporated into the embankment shall be scattered outside the roadway and shall not be windrowed.
- C. Construction Tolerance for Excavation and Embankment in these areas is Tolerance Class (J) as found in Table 203-1, Construction Tolerances, of these specifications. Directed to alter contract to become more profitable for industry and meet FS targets.
- D. Compaction for all drainage structures and associated embankment is to be Method 2-Layer Placement (Compaction by Equipment Travel) as per 203.16, Embankment Placement.
- E. Construction tolerance for Furrow Ditches, Rolling Dips and Grade Dips is Tolerance Class (J) as found in Table 203-1, Construction Tolerances.

SECTION 207 - DEVELOPING WATER SUPPLY & WATERING

- A. This Item is incidental to reconditioning roads, cleaning culverts, and placing aggregate surfacing.
- B. Use & development of water sources off National Forest Lands shall be the responsibility of the Purchaser. No known source exists on National Forest Lands in the area.

SECTION 306 - RECONDITIONING EXISTING ROAD:

- A. Blade & shape existing traveled way and shoulders, including turnouts, to remove minor surface irregularities. Shape the cross slope to effectively drain the road's surface. Establish a blading pattern that will retain the surfacing on the roadbed & provide a thorough mixing of the materials within the completed surface width.
- B. Where no template is specified, shape the travel surface to drain effectively by outslowing where possible. If the surface is covered with minor vegetation and stable, light blading may be acceptable.
- C. Shape and compact the traveled way and shoulders using Method A (Haul Equipment) or E (Grid Roller) as shown in Section 304.10.
- D. Where present, clean ditches to drain and blend into the adjacent grades & slopes. Clean culverts & other structures to drain.
- E. Construction tolerance for this Item shall be Tolerance Class (J).

SECTION 601 - MOBILIZATION:

- A. Noxious Weed control and the State Noxious Weed List can be found at [www.cwma.org](http://www.cwma.org) (Colorado Weed Management Association). All construction equipment must be cleaned prior to entering the Forest and must be inspected by Forest Service personnel. This includes all haul equipment and screening/classifying plants.

SECTION 625 - SEEDING & MULCHING:

- A. The areas to be seeded shall be:
    - 1. Fill Section - shoulder of road to toe of fill.
    - Cut Section - bottom of ditch to top of cut bank.
    - 2. Any area disturbed by the contractor or used for disposal.
  - B. Item 625.05 Application Methods for Seed - All seed shall be applied by Dry Method; Without Mulch.
  - C. A certified weed-free, native seed mix will be used. Furnish seed mix labels stating the name & type of seed, lot number, net weight, percent of purity & germination and weed seed.
  - D. SEED MIX
 

Barley	- 12 lbs/acre (30% of mix)
San Luis Valley Slender Wheatgrass	- 26 lbs/acre (65% of mix)
Ariba Western Wheatgrass	- 2 lbs/acre (5% of mix)
Total	40 lbs/acre Pure Live Seed
- Application period will be approved by Forest Service. Any substitutions shall be submitted for Forest Service approval prior to ordering seed mix.

SECTION 703 - AGGREGATE:

- A. Aggregate used in Armored Grade Dip With Underdrains, Geotextile & Surface Aggregate [Pay Item 203.17(F)] and for Surface Aggregate [Pay Item 703.05] shall come from a Purchaser furnished source and must be approved by the Engineer prior to delivery.
- B. Compacted quantities to be delivered are shown in the drawings and shall be spread to cover the geotextile or geoweb in a uniform depth to promote cross drainage by the structures.
- C. Aggregate shall be free of organic matter, angular or blocky (not rounded) in shape, hard, dense and durable. Particle size for the drains shall be predominantly between #4 and 4" with 3 to 15% fines. Suitable material includes Aggregate Base Course meeting CDOT Class 1, Class 2, or Class 4 gradations if highly permeable.
- D. Compaction atop the geotextile in the Armored Dip and atop the existing geogrid on NFSR. 790 shall be the same as in Section 306 - Reconditioning Existing Road, Method A (Haul Equipment) or E (Grid Roller) as shown in Section 304.10.
- E. Construction tolerance for this Item shall be Tolerance Class (J).

SECTION 714 - GEOTEXTILE, GEOCOMPOSITE MATERIAL, & GEOGRIDS:

- A. Store geotextiles in a manner that prevents contamination by deleterious materials and exposure to sunshine. Avoid handling in excessive cold temperatures.
- B. Clear, grub and excavate as necessary to obtain subgrade elevation. Smooth and compact the surface using appropriate compaction equipment as required prior to obtaining approval from the Engineer, Section 304.08 - Preparation of Roadbed.
- C. Unroll geotextile in the direction of travel so that the long axis of the roll is parallel with channelized traffic patterns. Overlap fabric in the direction fill placement is spread to avoid "peeling" by the advancing fill. Weaker subgrades require "end-dumping". Do not drive tracked equipment on less than 6" of cover.
- D. Unroll geotextile materials, align and pull taut to remove wrinkles and laydown slack with hand tension, then secure in place. Cut and overlap material to accommodate curves and radii in trenches.
- E. The geotextile material placed in the rock underdrains shall be Type III-A as shown in Table 714-3 and meet Physical Requirements for Stabilization Geotextile as shown in Section 714. Materials shall be laid out & held in place with pins or approved alternate method.
- F. GeoGrid shall be Tensar International's TriAx TX140 Geogrid or an approved equal. Standard roll size is 13' X 246'.
- G. Geotextile quantities for all applications are based on design surface area to be covered by the fabric and do not include waste for cuts or overlaps. Geotextile materials are considered incidental to the construction of the associated Pay Item unless otherwise noted.

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U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
**R-2**  
ROCKY MOUNTAIN REGION



Designed: GAC  
Drawn: GAC  
Checked: CDC  
Date: May 2015

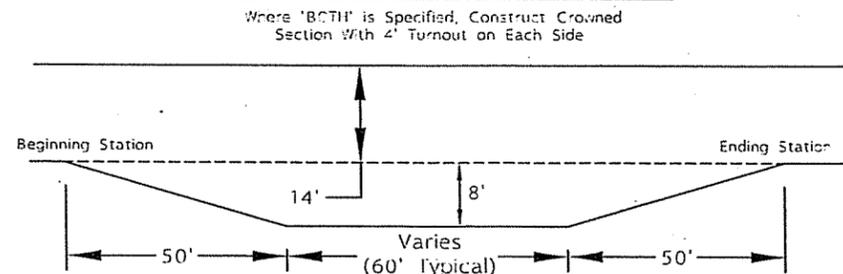
Forest  
**GRAND MESA, UNCOMPAHGRE  
& GUNNISON NATIONAL FORESTS**

Project Name  
**STEWIE SPRUCE RE-OFFER  
TIMBER SALE**

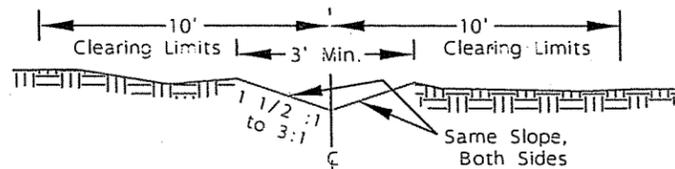
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**CONSTRUCTION NOTES**

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**TYPICAL TURNOUT - LEFT OR RIGHT**

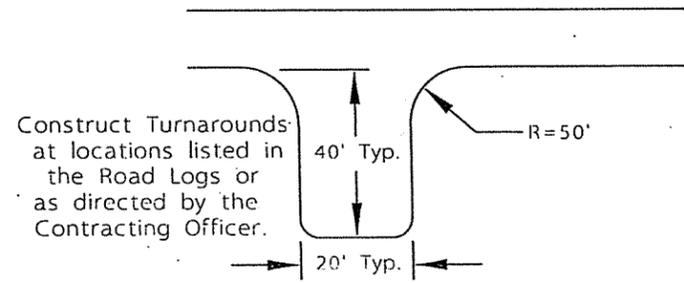


**TYPICAL FURROW DITCH**

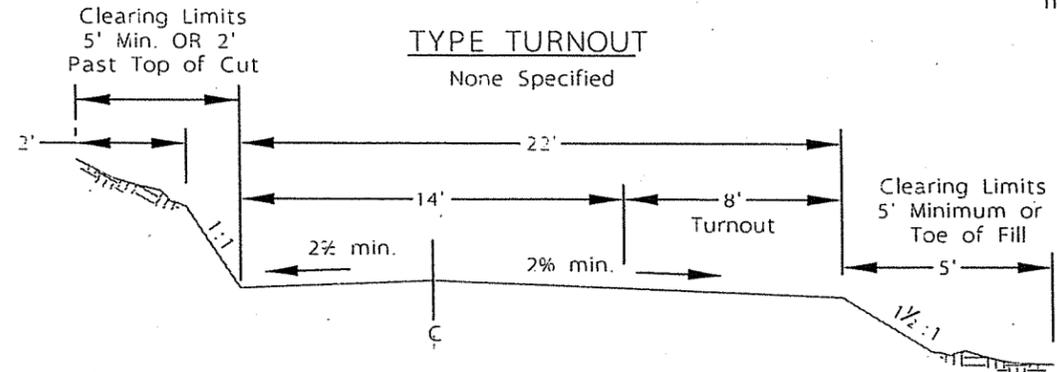


Construct ditches to drain runoff away from roadbed at specified locations. Furrow ditch material is to be incorporated into roadbed where practical without restricting or blocking water flow. All disturbed areas are to be seeded with the specified mix as addressed elsewhere in these specifications.

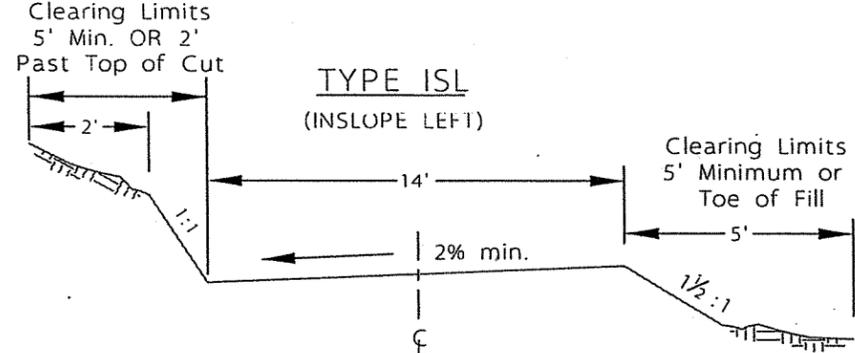
**TYPICAL TURNAROUNDS**



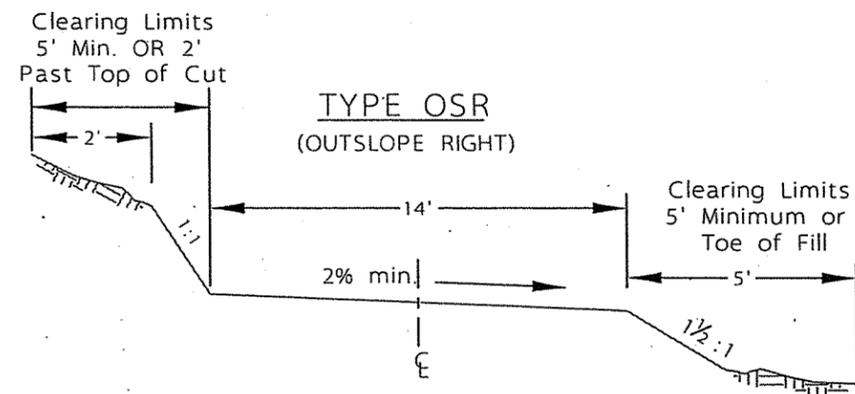
**TYPE TURNOUT**



**TYPE ISL (INSLOPE LEFT)**



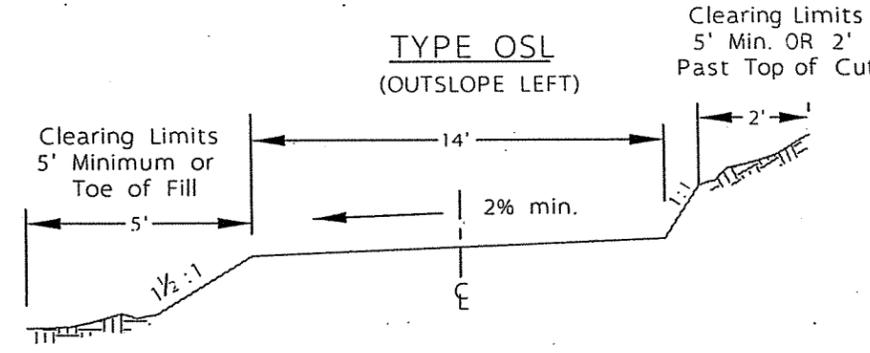
**TYPE OSR (OUTSLOPE RIGHT)**



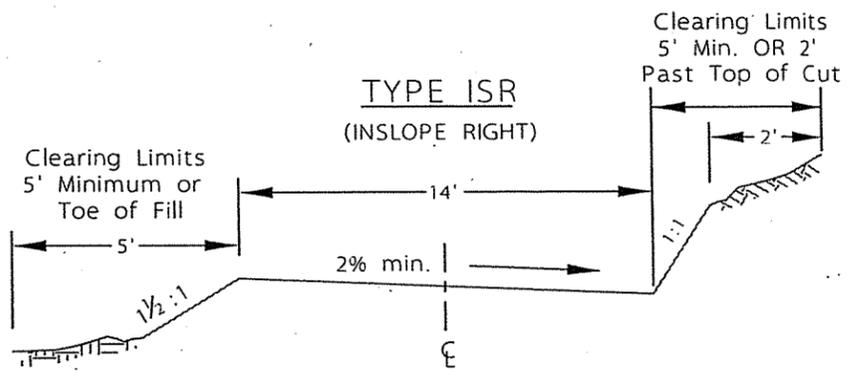
**GENERAL NOTES**

1. Construction Tolerances from Table 203-1: Class 'J' for Composite Road Construction, Excavation & Embankment. Class 'J' for Furrow Ditches, Shoulder Ditches, Rolling Dips and Grade Dips.
2. Embankment method shall be Method 2-Layer Placement. To build solid embankment, level and smooth each layer before placement of subsequent layers. Operate hauling & spreading equipment uniformly over full width of each layer (Compaction Method 'A') or by use of Grid Roller (Compaction Method 'E') as in Section 304.10.
3. Reconstruct/Recondition roadbeds to the templates shown in the road logs by blading and shaping the existing traveled way and shoulders. If none is identified, the template is to remain as it exists. Establish a blading pattern that will result in a driveable surface, retain as much vegetation as possible, and promote drainage from the surface. Regardless of template indicated, ensure drainage.
4. Normal roadbed width shown in all templates is without widening for fills, curves, or turnouts. If required, widening has been included in design and quantity calculations. Curves shall be widened as staked. If aggregate is required, it shall be placed on the entire roadbed (curve widening & turnouts included) in those sections designated.

**TYPE OSL (OUTSLOPE LEFT)**



**TYPE ISR (INSLOPE RIGHT)**



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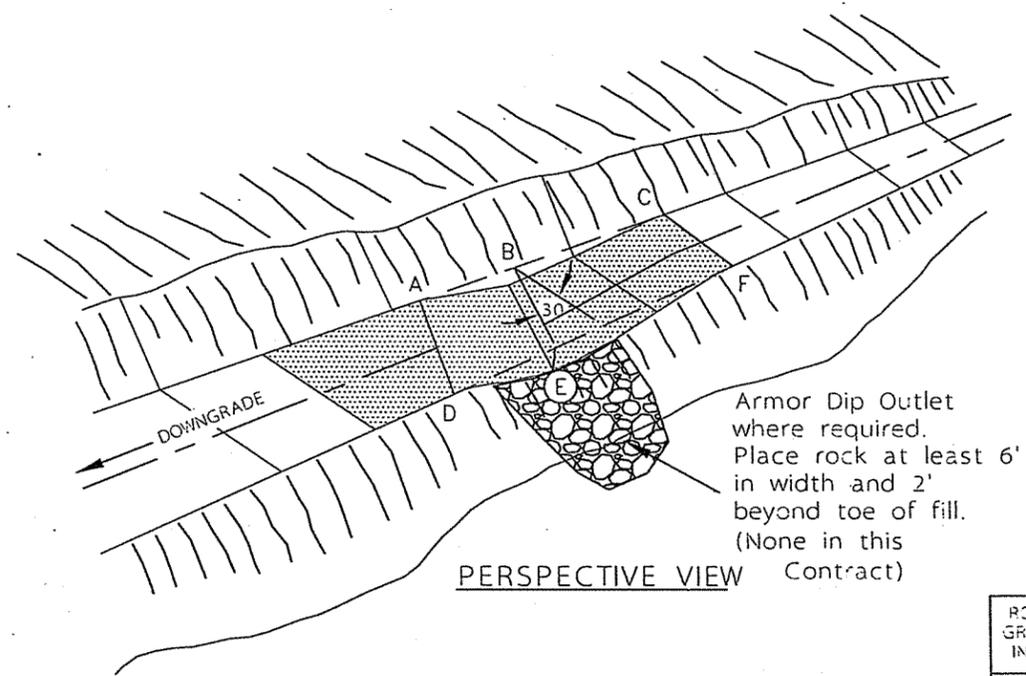
U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
**R-2**  
ROCKY MOUNTAIN REGION

Designed: GAG  
Drawn: GAG  
Checked: CDC  
Date: May 2016

Forest  
GRAND MESA, UNCOMPAHGRE  
& GUNNISON NATIONAL FORESTS

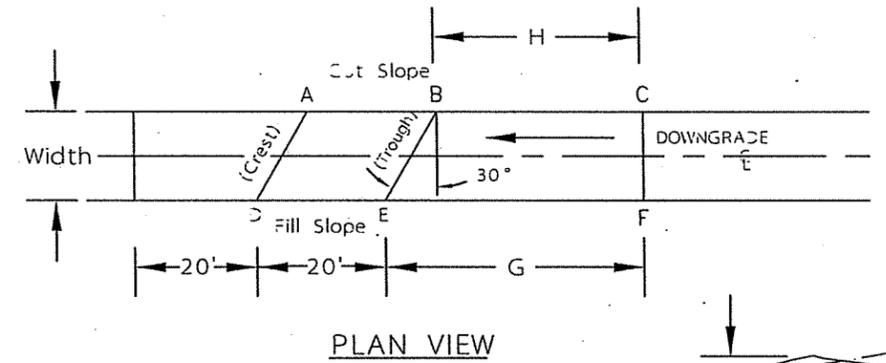
Project Name  
STEWIE SPRUCE RE-OFFER  
TIMBER SALE

Sheet Title  
TYPICAL ROADWAY SECTIONS  
Scale: NOT TO SCALE  
Sheet: 5 of 11



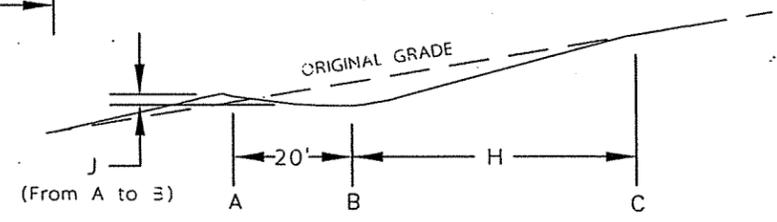
### 30° ROLLING DIP

ROAD GRADE IN %	Road Width - 12'				Road Width - 14'			
	G	H	I	J	G	H	I	J
<= 5	57	50	0.80	0.30	58	50	0.90	0.30
5	61	55	0.80	0.30	63	55	0.90	0.30
7	67	60	0.85	0.30	68	60	0.95	0.30
8	72	65	0.85	0.30	73	65	1.00	0.30
9	77	70	0.85	0.30	78	70	1.00	0.30
10	82	75	0.90	0.30	83	75	1.05	0.30

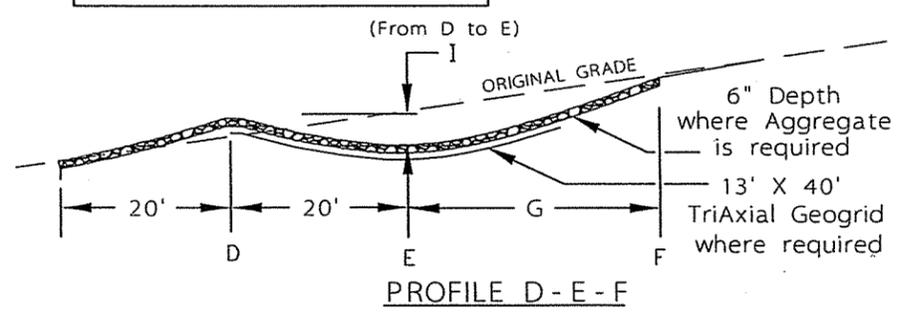


PLAN VIEW

	12' Road	14' Road
A - B =	0.3'	0.3'
B - E =	0.5' OR % Uphill Slope	
D - E =	0.8'	0.9 - 1.0'
A - D =	Flat (+/- 0.1')	



PROFILE A - B - C



PROFILE D - E - F

**NOTES:**

1. Details shown are for an outsloped, insloped or flat roadbed without a ditch. Rolling Dips will be constructed in a ditch section by transitioning the ditch invert from normal ditch depth to full Rolling Dip depth between points "B" and "C". Resume ditch construction 20' downgrade from point "A".
2. Rolling Dip outlets will be constructed to drain freely away from road. Any outlet ditching required to accomplish this will be considered incidental to construction of the dip unless otherwise specified.
3. Tolerance Class through the Rolling Dip shall be Class J from Table 203-1, as contained in the accompanying specifications.
4. Slope of the Rolling Dip from point "B" to the outlet shall be equal to the road grade or a minimum of 0.5' drop (whichever is greater).
5. Dimension "G" or "H" shall be a minimum of 50' for road grades up to 5% with an additional 5' of length for each 1% of road grade greater than 5%.
6. Excess excavation material from Rolling Dip construction may be incorporated into the embankment of the road, used to construct an embankment crest downgrade from line A-D, or spread evenly over the embankment of the road. If crest is constructed, transition on the downgrade side shall equal transition length "H", top of crest to original grade.
7. Contractor shall be required to stake all rolling dips and other drainage facilities.
8. Rock to armor Rolling Dips and their Outlets may be obtained from Purchaser furnished sources or hand picked from the area adjacent to the project. Rock shall be angular and well graded with a maximum particle size of 3" unless otherwise approved by the Engineer.

**NFSR 790**

M.P. LOCATIONS

- (C) 2.548
- (C) 3.105
- (C) 3.213
- (C) 3.293

**NFSR 865**

M.P. LOCATIONS

- (R) 0.048
- (R) 0.090
- (R) 0.131
- (R) 0.169
- (R) 0.245
- (R) 0.281
- (RC) 0.311
- (RC) 0.348
- (RC) 0.390
- (RC) 0.424
- (RC) 0.459
- (RC) 0.507
- (RC) 0.551
- (C) 0.644
- (RC) 0.740
- (RC) 0.848

(C) = Construct New  
 (R) = Reconstruct Existing  
 (RC) = Recondition Existing

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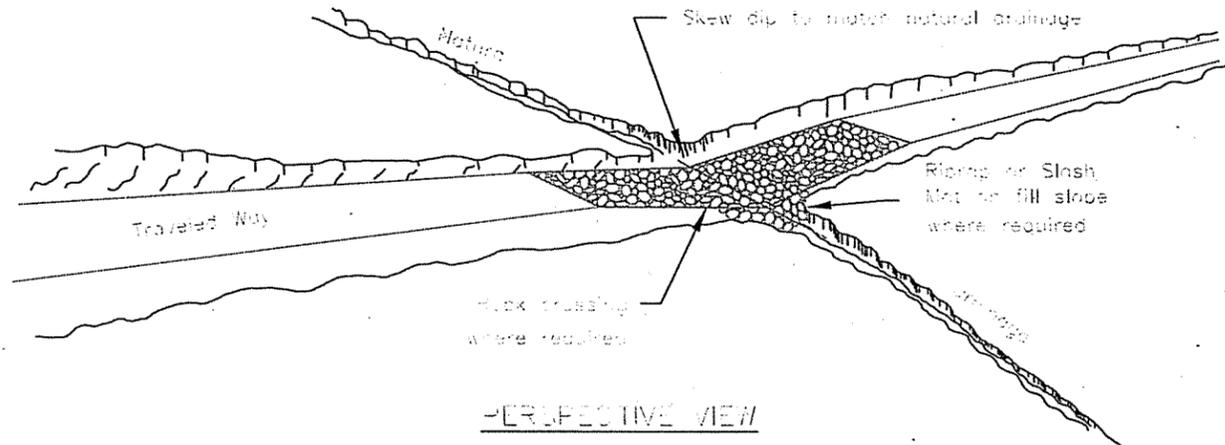
U.S. DEPARTMENT OF AGRICULTURE  
 FOREST SERVICE  
 R-2  
 ROCKY MOUNTAIN REGION

Designed: GAG  
 Drawn: GAG  
 Checked: CDC  
 Date: May 2016

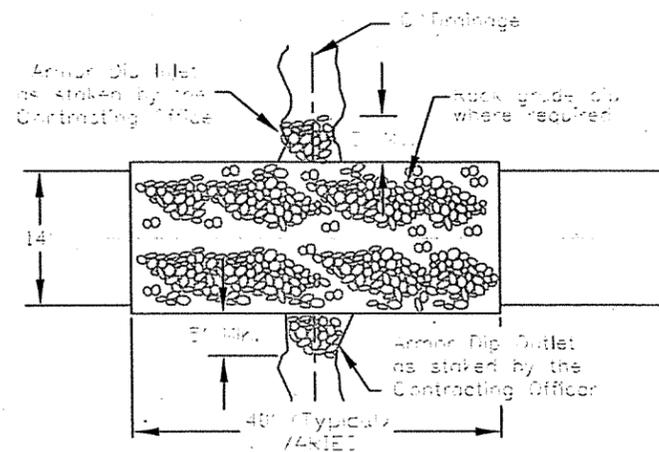
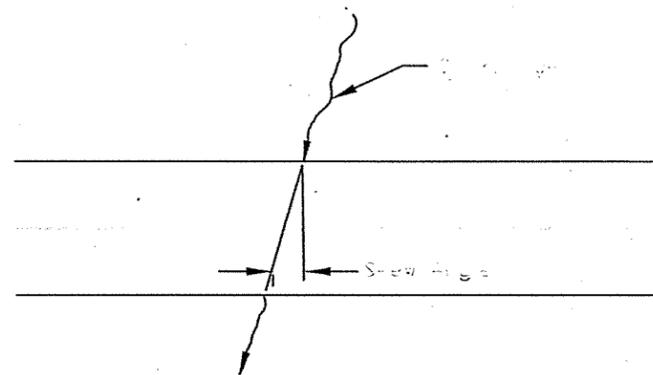
Forest  
 GRAND MESA, UNCOMPAHGRE  
 & GUNNISON NATIONAL FORESTS

Project Name  
 STEWIE SPRUCE RE-OFFER  
 TIMBER SALE

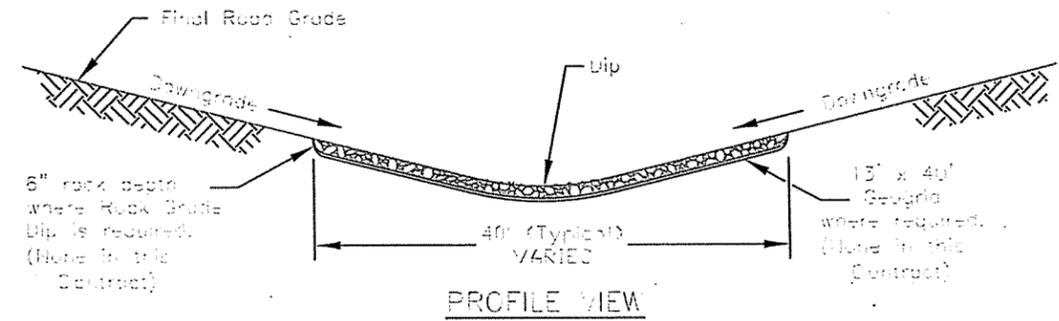
Sheet Title  
 ROLLING DIP  
 Scale NOT TO SCALE  
 Sheet 6 of 11



PERSPECTIVE VIEW



PLAN VIEW



PROFILE VIEW

NFSR 865

M.P. LOCATIONS

(RC) 0.685  
(RC) 0.693

NFSR 865.1D

M.P. LOCATIONS

(C) 0.397  
(C) 0.141  
(C) 0.206  
(C) 0.238  
(C) 0.270  
(C) 0.294  
(C) 0.402  
(C) 0.458

(C) = Construct New  
(R) = Recondition Existing

NOTES:

1. Details shown are for an outslope, inslope or flat roadbed without a ditch. Grade Dip shall be constructed in a ditch section by transitioning the ditch from normal depth to normal road grade elevation for a sufficient distance to provide drainage.
2. Grade Dips shall be outsloped a minimum of 2% and a maximum of 4%.
3. Grade Dip outlets will be constructed to drain freely away from the road. Any outlet ditching required will be constructed incidental to the construction of the dip unless otherwise specified.
4. Where Slush Mat outlets are specified, slush material shall be generated from clearing the adjacent areas and compacted as directed in the field.
5. Rock for Rock Grade Dip may be obtained from Purchaser Furnished Sources or hand picked from the area adjacent to the project. Rock shall be angular and well graded with a maximum particle size of 3" unless otherwise approved by the Engineer.
6. Rock to armor the inlet & outlet, where specified, may be obtained from the project area and may be machine-placed or hand-placed to prevent erosion.
7. Construct Grade Dip along  $L_C$  of existing drainage, not to exceed 30 degree skew angle.

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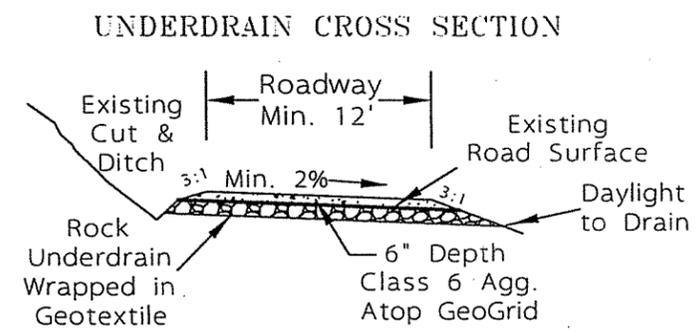
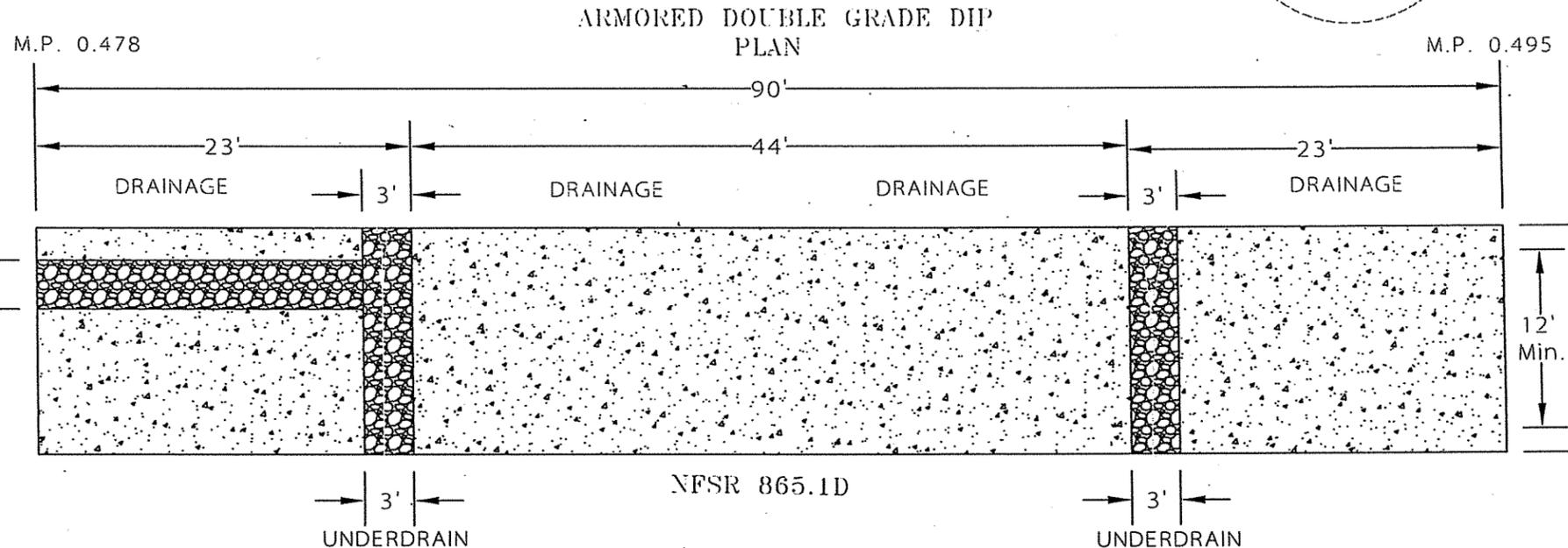
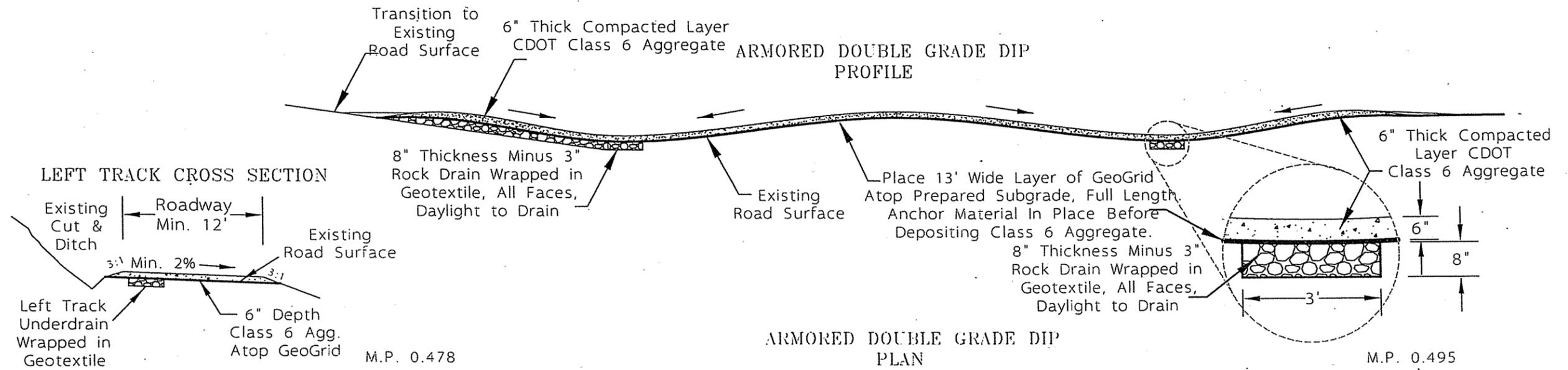
U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
**R-2**  
ROCKY MOUNTAIN REGION

Designed: GAG  
Drawn: GAG  
Checked: CDC  
Date: May 2016

Forest  
GRAND MESA, UNCOMPAHGRE  
& GUNNISON NATIONAL FORESTS

Project Name  
STEWIE SPRUCE RE-OFFER  
TIMBER SALE

Sheet Title  
**GRADE DIP**  
Scale: NOT TO SCALE  
Sheet: **7** of **11**



- GENERAL NOTES
1. Ditch first 20' of left track forward to the first Rock Underdrain. Fill with minus 3" clean rock as shown.
  2. Construct Rock Underdrains in the existing troughs as staked in the field by the Engineering Representative. Line excavations with geotextile, fill with minus 3" clean rock as shown and wrap all sides with geotextile.
  3. Rock placed in Left Track and Underdrains shall be clean, angular and between 2" & 4" in diameter. CDOT Class 1 or 2 are acceptable. A total of approximately 6 cubic yards is needed at this location.
  4. Aggregate surfacing shall be CDOT Class 6 and shall be placed on geotextile laid atop the Rock Underdrains and rocked Left Track. Approximately 24 cubic yards is needed at this location. Taper transitions.
  5. Geotextile shall be non-woven needle-punched, heavy duty stabilization fabric, Type III-A. See Section 714 Geotextile Table 714-3, Physical Requirements for Stabilization Geotextile for specifications.
  6. GeoGrid shall be TriAx TX140 Geogrid from Tensar Earth Technologies, Tensar International, 5883 Glenridge Drive, Suite 200, Atlanta, GA or approved equal. Standard roll is 13' X 246'.

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U.S. DEPARTMENT OF AGRICULTURE  
 FOREST SERVICE  
 R-2  
 ROCKY MOUNTAIN REGION

Designed: GAG  
 Drawn: GAG  
 Checked: CDC  
 Date: May 2016

Forest  
 GRAND MESA, UNCOMPAGRE  
 & GUNNISON NATIONAL FORESTS

Project Name  
 STEWIE SPRUCE RE-OFFER  
 TIMBER SALE

Sheet Title  
 ARMORED DOUBLE GRADE DIP  
 Scale: NOT TO SCALE  
 Sheet 8 of 11



# NFSR 865 – STEWIE SPRUCE RE-OFFER ROAD LOG

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Mile Post	Pay Item	Quantities	Template	Description
0.000	306.01	0.892 MI	Match Adjacent Areas & Ditches	Intersection of NFSR 865 with M.P. 4.557 NFSR 790. Shape to Drain.
0.048	203.17(B)	1 EA		Reconstruct Existing Rolling Dip, Lt., Extend Leadout Ditch to Drain
0.090	203.17(B)	1 EA		Reconstruct Existing Rolling Dip, Lt., Extend Leadout Ditch to Drain
0.131	203.17(B)	1 EA		Reconstruct Existing Rolling Dip, Lt., Extend Leadout Ditch to Drain
0.169	203.17(B)	1 EA		Reconstruct Existing Rolling Dip, Lt., Extend Leadout Ditch to Drain
0.206				Intersection of NFSR 865.1D, Rt., Shape to Drain
0.245	203.17(B)	1 EA		Reconstruct Existing Rolling Dip, Lt.
0.281	203.17(B)	1 EA		Reconstruct Existing Rolling Dip, Lt.
0.311	203.17(C)	1 EA		Recondition Existing Rolling Dip, Lt.
0.348	203.17(C)	1 EA		Recondition Existing Rolling Dip, Lt.
0.390	203.17(C)	1 EA		Recondition Existing Rolling Dip, Lt.
0.424	203.17(C)	1 EA		Recondition Existing Rolling Dip, Lt.
0.459	203.17(C)	1 EA		Recondition Existing Rolling Dip, Lt.
0.507	203.17(C)	1 EA		Recondition Existing Rolling Dip, Lt.
0.551	203.17(C)	1 EA		Recondition Existing Rolling Dip, Lt.
0.644	203.17(A)	1 EA		Construct New Rolling Dip, Lt.
0.685	203.17(D)	1 EA		Reconstruct Existing Grade Dip, Lt., Ditch to Drain 50'
0.698	203.17(D)	1 EA		Reconstruct Existing Grade Dip, Lt., Ditch to Drain 50'
0.708				Three Way Intersection, 7035 Center, & 7033 Lt.
0.740	203.17(C)	1 EA		Recondition Existing Rolling Dip, Lt.
0.811				Intersection of NFSR 865.1A, Rt.
0.848	203.17(C)	1 EA		Recondition Existing Rolling Dip, Lt.
0.892				End of Spur, Intersection of NFSR 865.1B, Rt., Construct Turnaround on Rt.

