



UNITED STATES DEPARTMENT OF AGRICULTURE FOREST SERVICE

PACIFIC NORTHWEST REGION

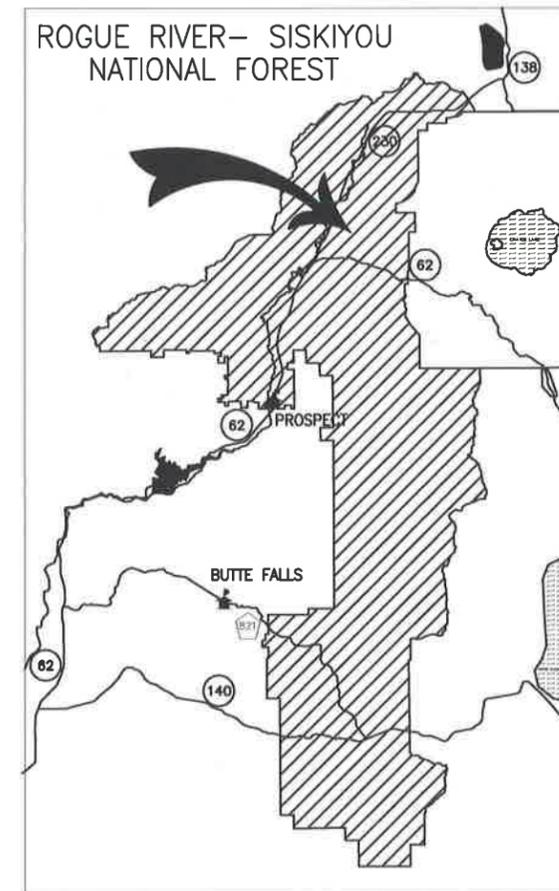
COUNTY: JACKSON

ROGUE RIVER-SISKIYOU NATIONAL FOREST

HIGH CASCADES RANGER DISTRICT

PLANS FOR PROPOSED

CARCASS RE-OFFER TIMBER SALE



- INTERSTATE HWY.
- U.S. HWY.
- STATE HWY.
- FOREST SERVICE OFFICE

PROJECT LOCATION MAP
Not to Scale

DESIGNED BY: <i>David D. Tulee</i>	<i>3/26/2016</i>
PROJECT DESIGNER	Date
REVIEWED BY: <i>Scott Blower</i>	<i>3/28/2016</i>
REVIEWER	Date
RECOMMENDED BY: <i>Scott Blower</i>	<i>3/28/2016</i>
ACTING ASSISTANT FOREST ENGINEER	Date
APPROVED BY: <i>Gloria Bergstrom</i>	<i>3-30-2016</i>
REHLM STAFF OFFICER	Date
APPROVED BY: <i>Mitchell Kiyotake</i>	<i>4/4/16</i>
DISTRICT RANGER	Date



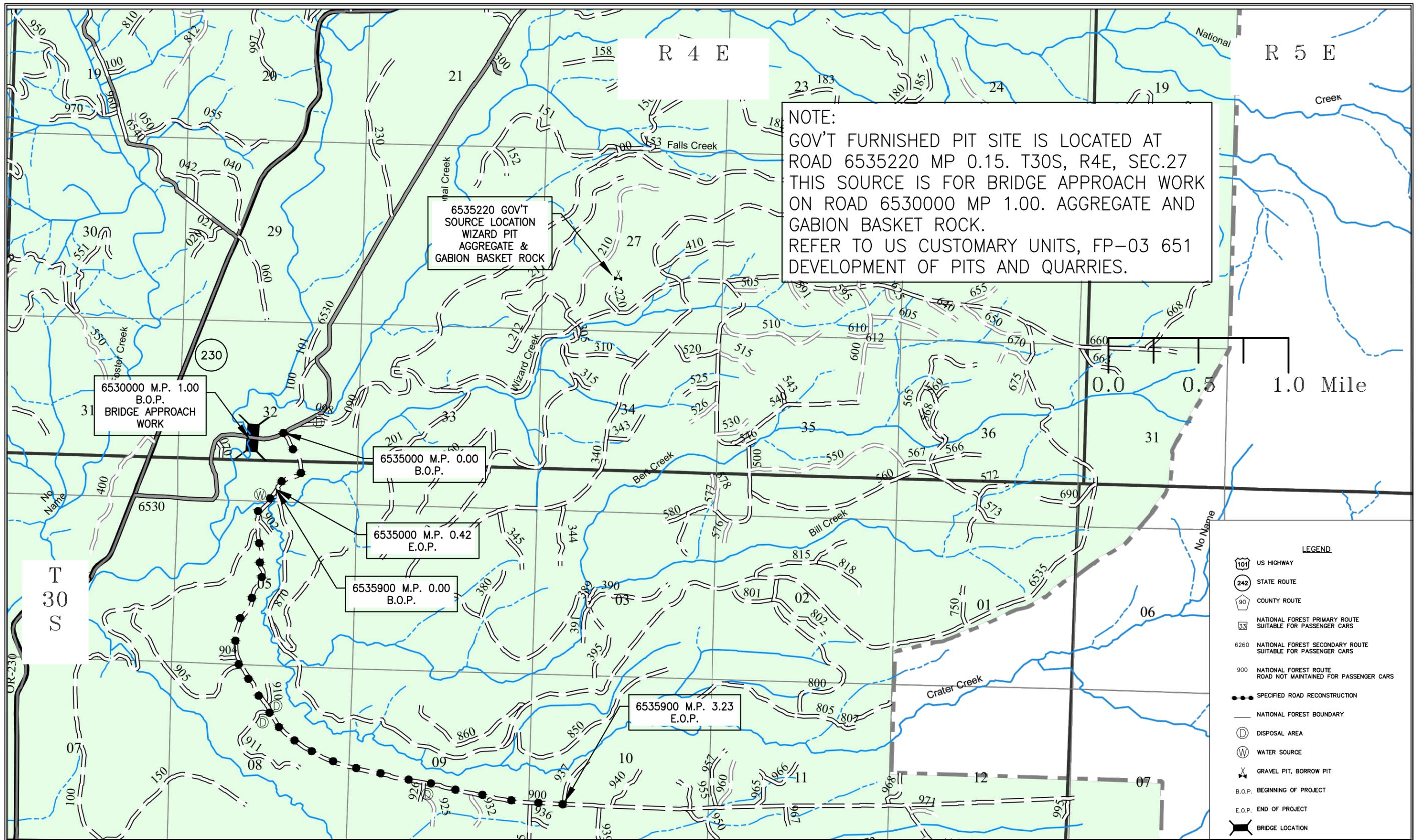
U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
R6
PACIFIC NORTHWEST REGION

Forest: **ROGUE RIVER-SISKIYOU NATIONAL FOREST**
District: **HIGH CASCADES**

Design: D.Tulee
Drawn: D.Tulee
Checked: _____
Date: 3/2016

Sheet Title: **COVER SHEET**
CARCASS RE-OFFER TIMBER SALE

Project No: _____
Sheet **1** OF **6**



NOTE:
 GOV'T FURNISHED PIT SITE IS LOCATED AT ROAD 6535220 MP 0.15. T30S, R4E, SEC.27 THIS SOURCE IS FOR BRIDGE APPROACH WORK ON ROAD 6530000 MP 1.00. AGGREGATE AND GABION BASKET ROCK. REFER TO US CUSTOMARY UNITS, FP-03 651 DEVELOPMENT OF PITS AND QUARRIES.

- LEGEND**
- US HIGHWAY
 - STATE ROUTE
 - COUNTY ROUTE
 - NATIONAL FOREST PRIMARY ROUTE SUITABLE FOR PASSENGER CARS
 - NATIONAL FOREST SECONDARY ROUTE SUITABLE FOR PASSENGER CARS
 - NATIONAL FOREST ROUTE ROAD NOT MAINTAINED FOR PASSENGER CARS
 - SPECIFIED ROAD RECONSTRUCTION
 - NATIONAL FOREST BOUNDARY
 - DISPOSAL AREA
 - WATER SOURCE
 - GRAVEL PIT, BORROW PIT
 - B.O.P. BEGINNING OF PROJECT
 - E.O.P. END OF PROJECT
 - BRIDGE LOCATION



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Design: D.Tulee
 Drawn: D.Tulee
 Checked: _____
 Date: 3/2016
 Revised by: _____
 Rev. Date: _____

Sheet Title: **VICINITY MAP**
 Project Name: **CARCASS RE-OFFER TIMBER SALE**

Project No: _____
 Sheet **2** OF **6**

ESTIMATE of QUANTITIES

Project Name: CARCASS RE-OFFER TIMBER SALE		ROAD NO.	6530000	6535000	6535900			TOTALS	REMARKS
		MP	0.99-1.01	0.00-0.42	0.00-3.23				* Items shown with this symbol are to be designated as "CONTRACT QUANTITIES"
Item No.	Description	Pay Unit	Quantities						
15101	Mobilization	Lump Sum	ALL	ALL	ALL			ALL	Cleaning of equipment is required. 5 Day written notice required to schedule equipment inspection. Does not include weekends or Holidays.
15713	Soil erosion & pollution control	Lump Sum	ALL					ALL	
20305	Removal of asphalt pavement, disposal method (a)	* Square Foot	1,120					1,120	Remove off National Forest Land.
20806	Structure excavation	* Cubic Yard	70					70	
23050	Brushing	Mile		0.42	3.23			3.65	
25314	Gabion, welded-wire baskets	Cubic Yard	32					32	Gabion retaining wall at each abutment. 8-#8 gabion soil anchors indirect cost to 25314. Gov't furnished gabion rock. Source located on Road 6535220 (Wizard Pit). Refer to FP-03 FS Supplemental 651Development of Pits & Quarries.
25319	Geotextile, type IV-E	* Square Yard	80					80	Geotextile for gabion retaining walls.
30322	Road Reconditioning, compaction method B	Mile		0.42	3.23			3.65	Ditch material will be disposed of at approved locations by the C.O. Noxious weeds are all along roads - Minimize impact to edge of roads, when blading travelway, shoulders and pulling ditches.
30801	Roadway aggregate, compaction method 1	* Cubic Yard	33					33	Gov't furnished aggregate. Source located on Road 6535220 (Wizard Pit). Refer to FP-03 FS Supplemental 651Development of Pits & Quarries. Compact in accordance with FP-03 Supplemental 204.11(b).
40401	Minor hot asphalt concrete	* Ton	28					28	
41204	Tack coat grade CRS-1	Lump sum	ALL					ALL	
60501	Underdrain system	* Linear Foot	130					130	Includes drain pipe and drain rock.
60512	Structure backfill	* Cubic Yard	45					45	
63501	Temporary traffic control	Lump Sum	ALL					ALL	Includes all signing and traffic safety devices. 21 day written notice required prior to start of any construction activities.

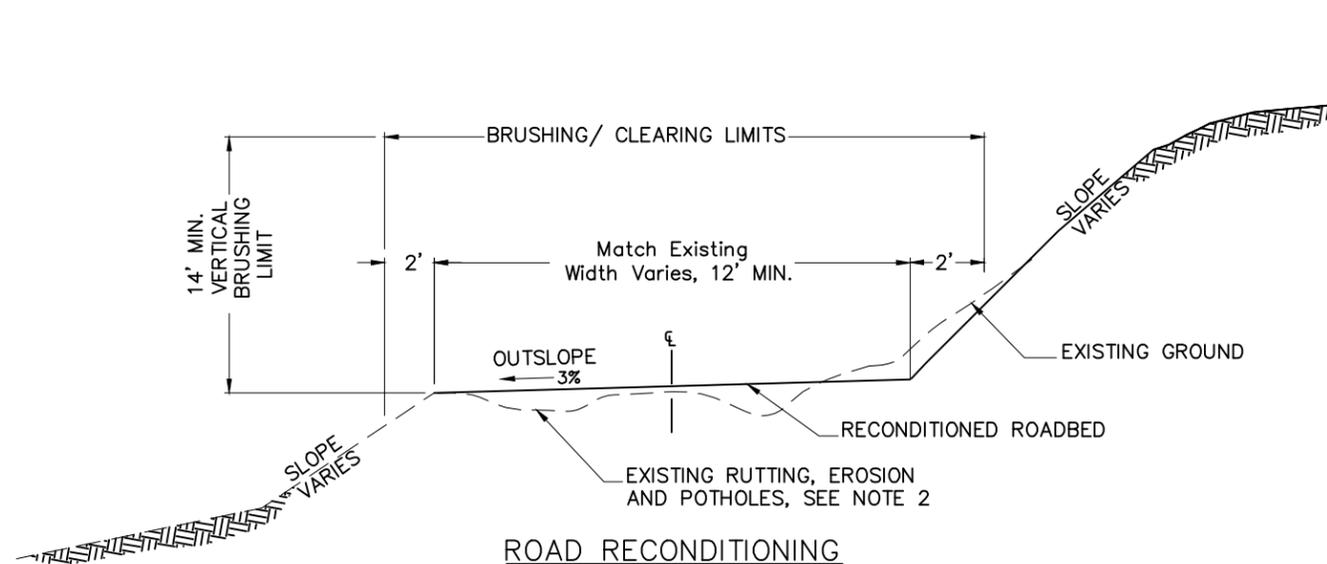


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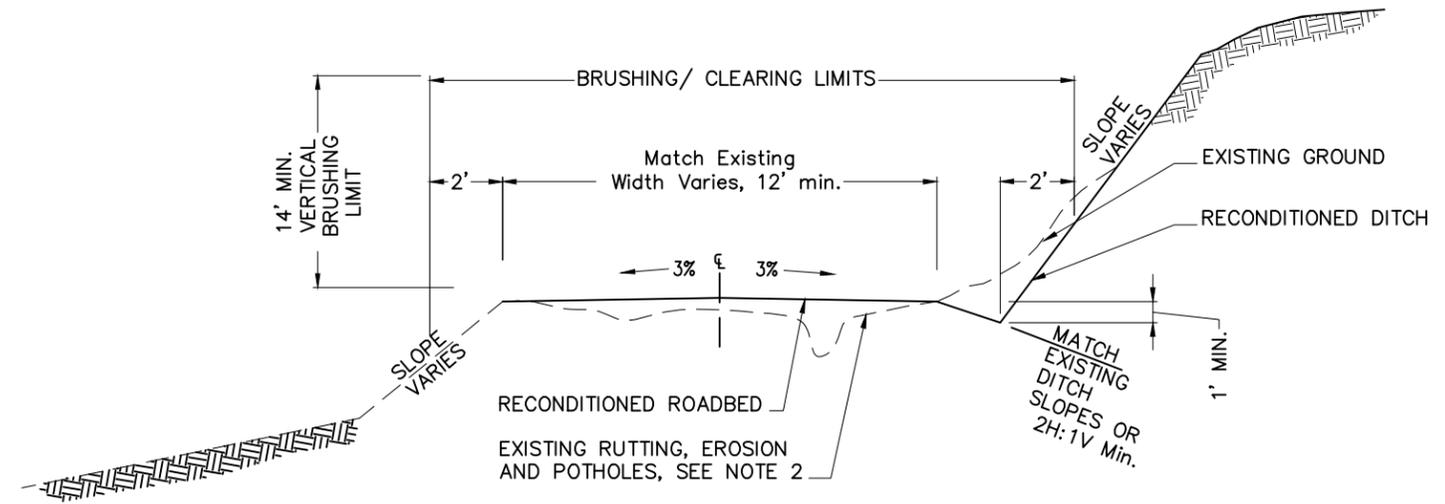
Sheet Title: **ESTIMATE of QUANTITIES**
 Project Name: **CARCASS RE-OFFER TIMBER SALE**

Project No: _____
 Sheet **3** OF **6**



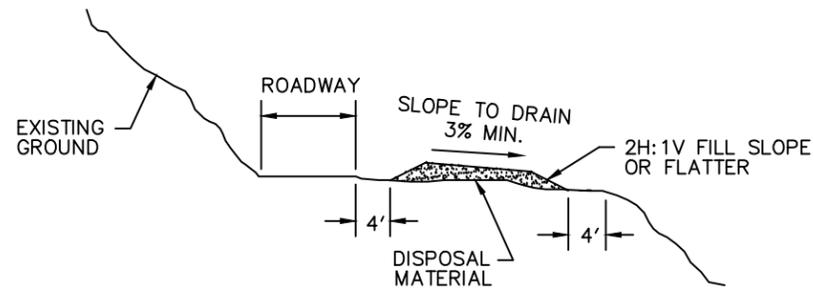
**ROAD RECONDITIONING
TYPICAL NO DITCH SECTION**

ROADS:
WHEN SPECIFIED

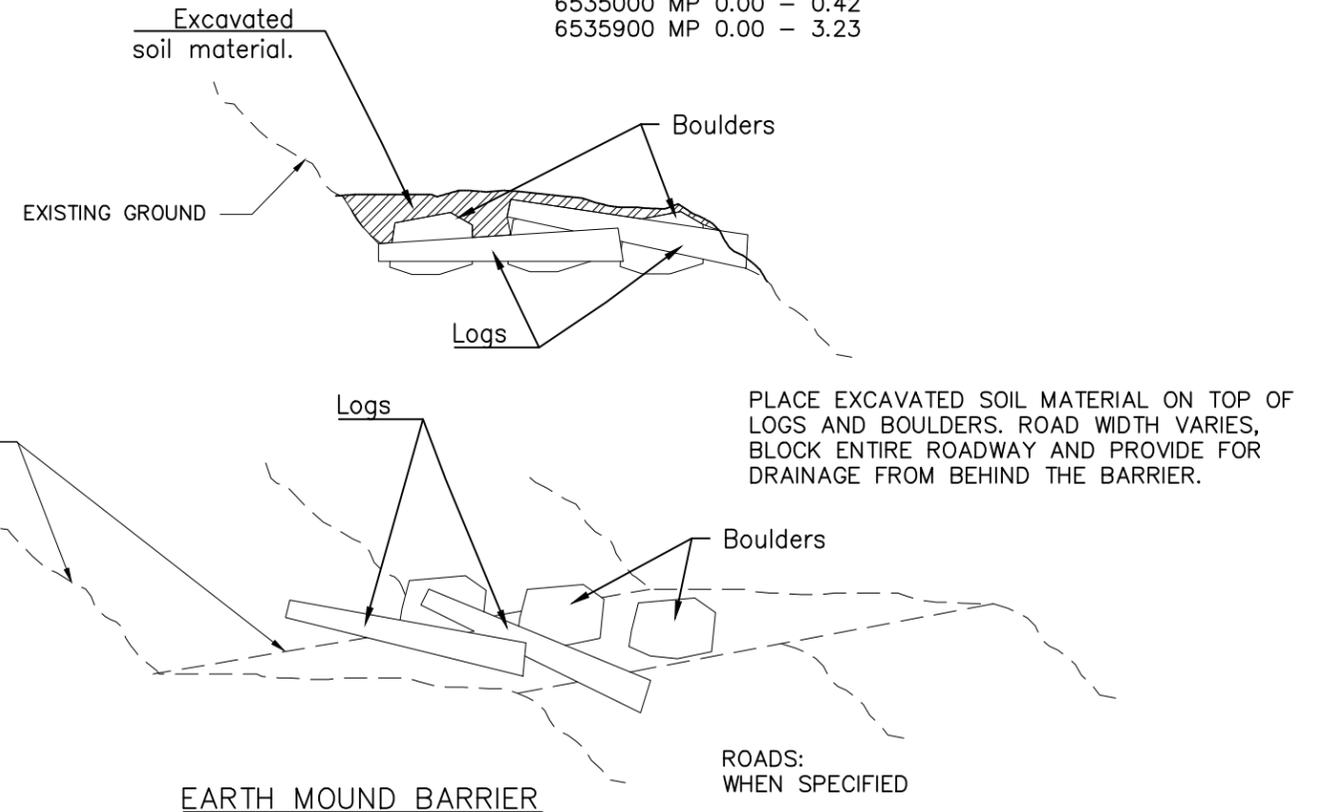


**ROAD RECONDITIONING
TYPICAL DITCH SECTION**

ROADS:
6535000 MP 0.00 - 0.42
6535900 MP 0.00 - 3.23



DISPOSAL AREA TYPICAL



EARTH MOUND BARRIER

ROADS:
WHEN SPECIFIED

NOTES:

1. RECONDITION ROADS AS SHOWN AND IN ACCORDANCE WITH FP-03 SECTION 303. REQUIRED RECONDITIONING INCLUDES CURVE WIDENING AND TURNOUTS.
2. WHERE RUTTING, EROSION AND POTHOLES EXIST, SCARIFY TO DEPTH OF RUT/EROSION/POTHOLE, BLADE, SHAPE AND COMPACT EXISTING AGGREGATE OR NATIVE SURFACE MATERIAL.
3. REMOVE AND DISPOSE OF SLIDE, DITCH, AND CATCH BASIN MATERIAL. SEE VICINITY MAP FOR DISPOSAL SITE LOCATIONS OR AS STAKED ON THE GROUND. DISPOSAL/WASTE SITES SHALL BE APPROVED BY THE C.O. PRIOR TO USE.
4. AS SHOWN IN THE SCHEDULE OF ITEMS/ ESTIMATE OF QUANTITIES. REMOVE AND RE-INSTALL EXISTING EARTH MOUND BARRIER. CONSTRUCT EARTH MOUND BARRIER FROM EXISTING BOULDERS, LOGS AND EXCAVATED MATERIAL ADJACENT TO EXISTING BARRIER LOCATION. USE ADEQUATE AMOUNT OF LOGS AND BOULDERS. PLACE EXCAVATED SOIL MATERIAL ON TOP OF BOULDERS AND LOGS, MINIMUM 5 FEET HIGH. COMPLETELY BLOCK ENTRANCE FROM CUTBANK TO OUTER EDGE OF EXISTING ROADWAY.

**DRAWINGS
NOT TO SCALE**



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Design: D.TULEE
Drawn: D.TULEE
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Revised by: _____
Rev. Date: _____

Sheet Title: **TYPICAL SECTION DETAILS**
Project Name: **CARCASS RE-OFFER TIMBER SALE**

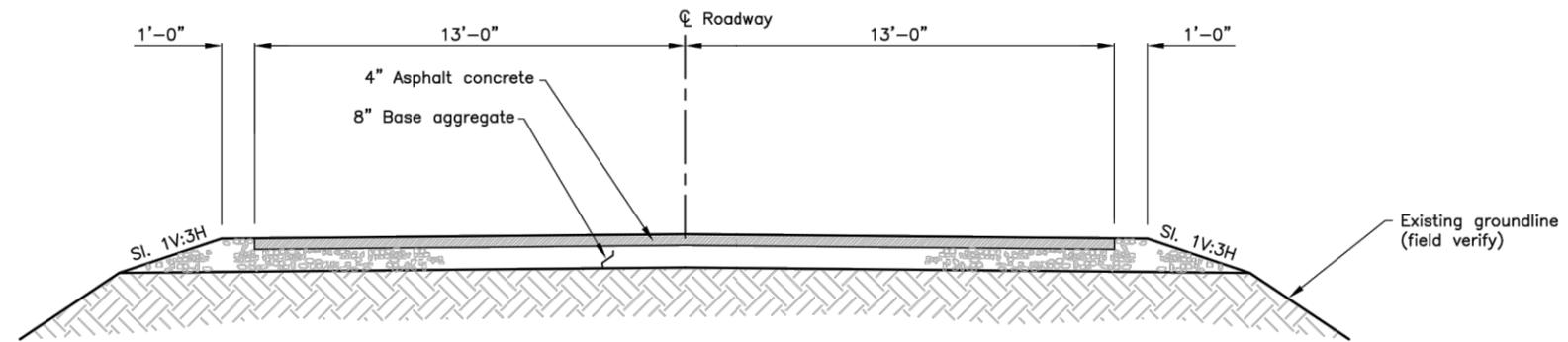
Project No: _____
Sheet **4** OF **6**

ESTIMATE OF QUANTITIES

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	CONTRACT QUANTITY	PAY UNIT	NOTES
15101	MOBILIZATION	1	LUMP SUM	
15713	SOIL EROSION & POLLUTION CONTROL	1	LUMP SUM	
20305	REMOVAL OF ASPHALT, DISPOSAL METHOD A	1120	SQUARE FOOT	REMOVE FROM FOREST SERVICE LANDS
20806	STRUCTURE EXCAVATION	70	CUBIC YARDS	
25314	GABIONS, WELDED WIRE BASKETS	32	CUBIC YARD	GABION RETAINING WALL AT EACH ABUTMENT. 8-#8 GABION SOIL ANCHORS INCIDENTAL.
25319	GEOTEXTILE, TYPE IV-E	80	SQUARE YARD	GEOTEXTILE FOR GABION RETAINING WALLS
30801	ROADWAY AGGREGATE, COMPACTION METHOD 1	33	CUBIC YARD	
40401	MINOR HOT ASPHALT CONCRETE	28	TONS	
41204	TACK COAT GRADE CRS-1	1	LUMP SUM	
60501	UNDERDRAIN SYSTEM	130	LINEAL FOOT	INCLUDES DRAIN PIPE AND DRAINAGE ROCK
60512	STRUCTURAL BACKFILL	45	CUBIC YARD	
63501	TEMPORARY TRAFFIC CONTROL	1	LUMP SUM	

CQ = CONTRACT QUANTITY

NOTE:
THIS WORK DOES NOT INCLUDE BRIDGE DECK, ONLY BRIDGE APPROACH, BOTH ENDS OF BRIDGE.



ROADWAY SECTION
Scale: $\frac{3}{8}'' = 1'-0''$

HALF SIZE DRAWINGS
 SCALES SHOWN ARE FOR FULL SIZE (22"x34") DRAWINGS

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Drawn: D.SCOVELL

Checked: _____

Date: _____

Revised by: _____

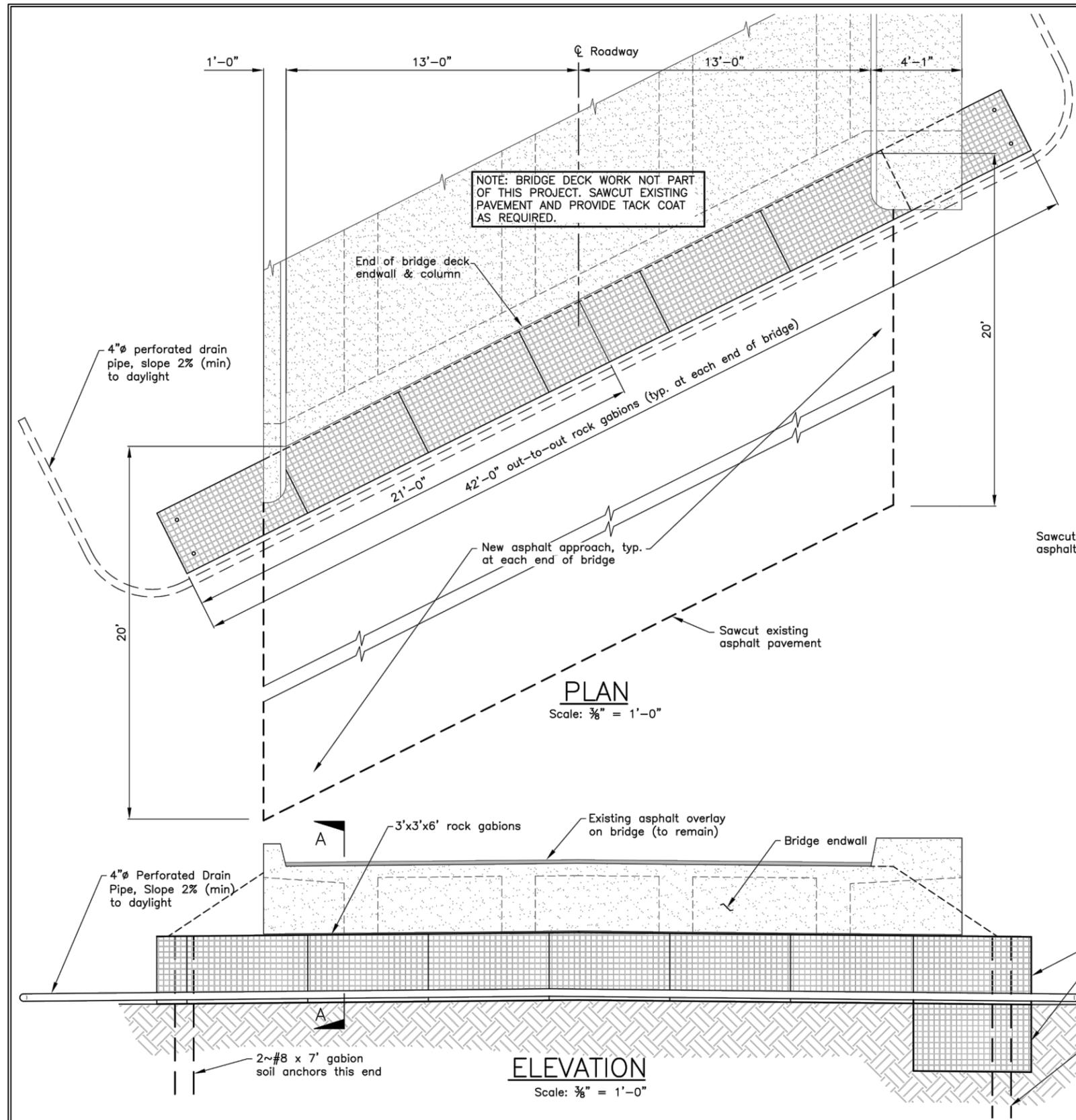
Rev. Date: _____

Sheet Title: **BRIDGE APPROACH REPAIR DETAILS**

Project Name: **CARCASS RE-OFFER TIMBER SALE**

Project No: _____

Sheet	OF	
5		6



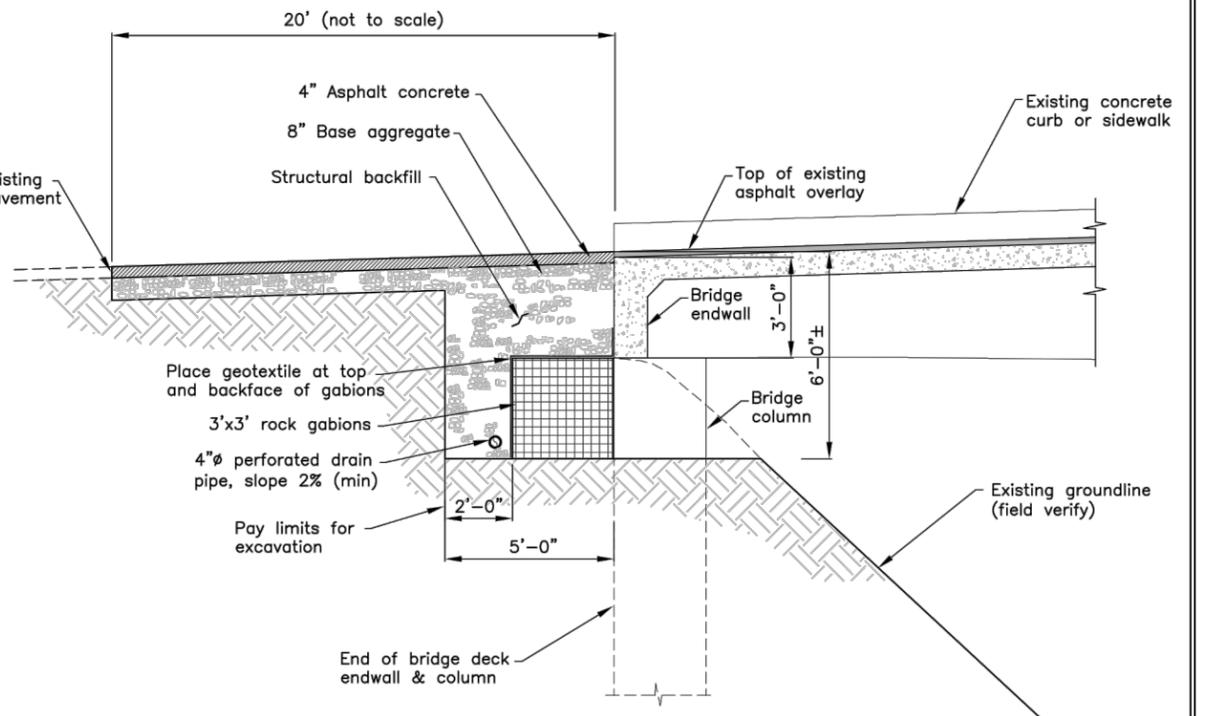
NOTES:

CONSTRUCTION: Construction of this structure is to be in accordance with the Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-03 with Forest Service Supplemental Specifications.

MATERIALS:

ROCK GABIONS: Gabion baskets shall be constructed using welded wire mesh (US Standard Gage 9). Material used to fill gabions shall be hard, durable, angular rock. All gabion walls shall be placed on a foundation of suitable material. Remove and replace unsuitable material with a minimum of 12 inches of coarse granular backfill. Compact backfill material at an optimum moisture content with a vibratory compactor. Operate compaction equipment over the full width of the foundation area until visible deformation of the backfill ceases.

GEOTEXTILE FABRIC: TYPE IV, Function C.



SECTION A-A
Scale: 3/8" = 1'-0"

HALF SIZE DRAWINGS
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Sheet Title: **BRIDGE APPROACH REPAIR DETAILS**
Project Name: **CARCASS RE-OFFER TIMBER SALE**

Project No: _____
Sheet **6** OF **6**