



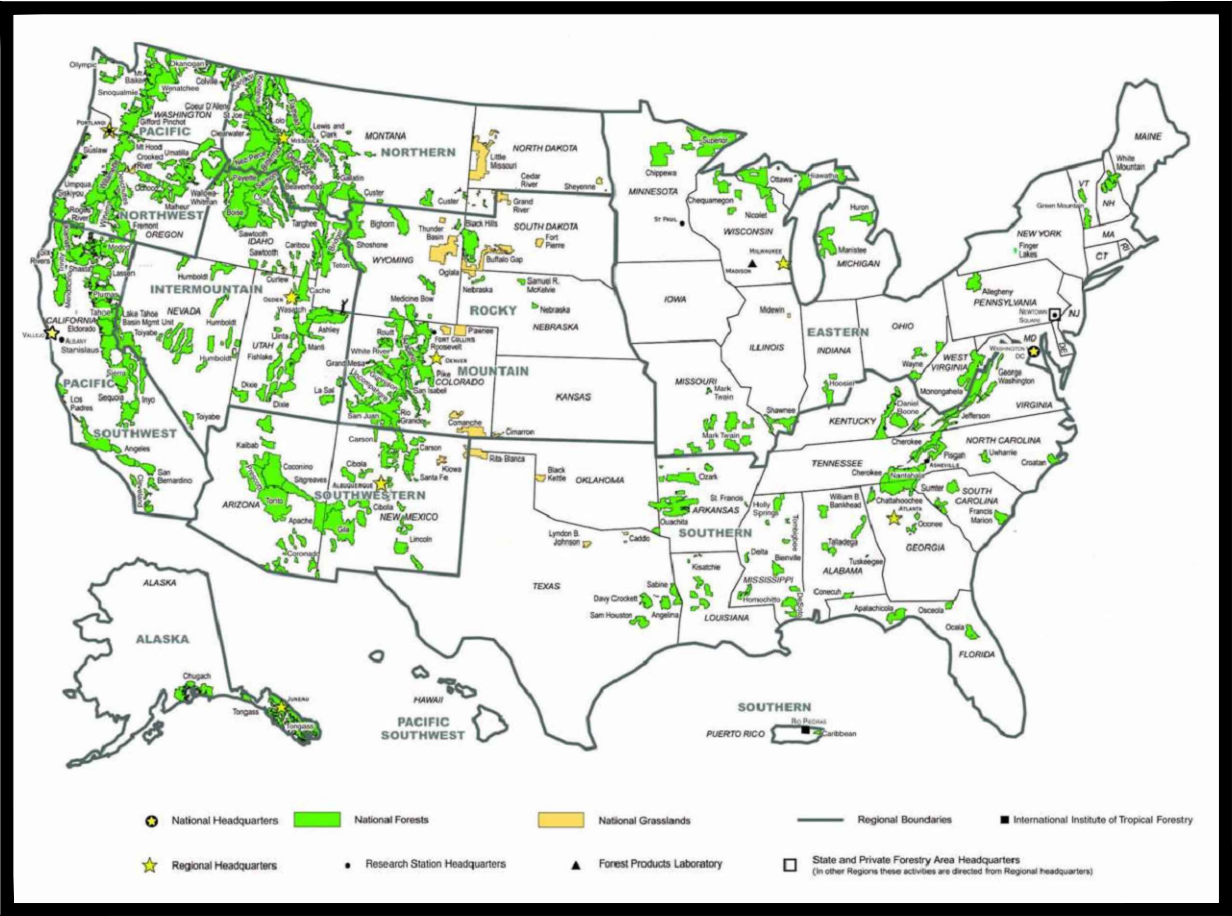
United States Department of Agriculture
Forest Service

NEW MEXICO
SAN MIGUEL COUNTY
R3 SOUTHWESTERN REGION
SANTA FE NATIONAL FOREST
PECOS/LAS VEGAS RANGER DISTRICT

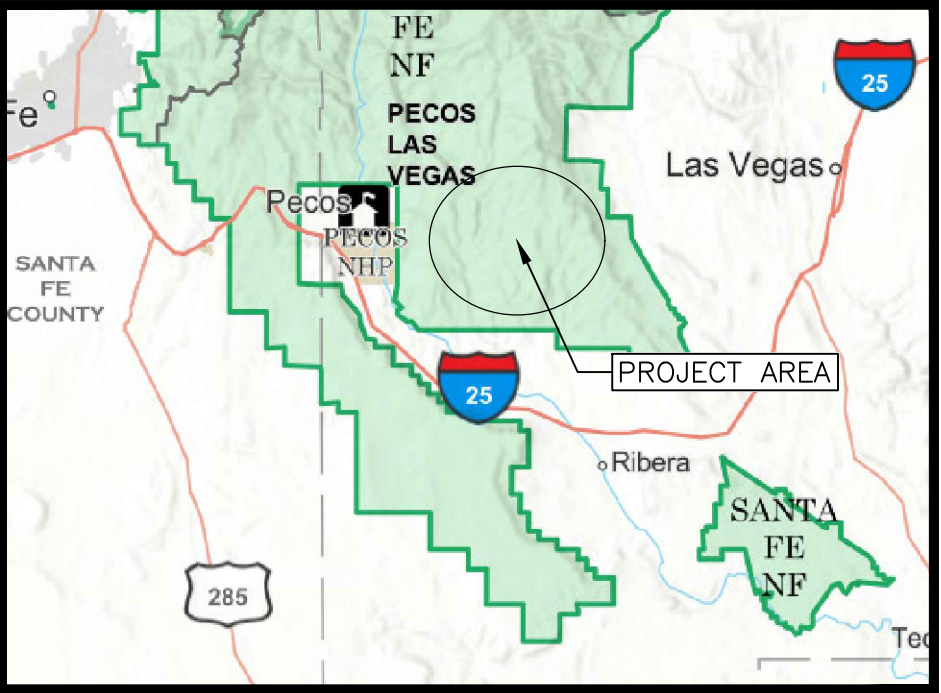
BARILLAS PEAK ROADS RECONSTRUCTION

5/16/2026

INDEX OF SHEETS	
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G-02	VICINITY MAP
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FOREST LOCATION MAP



PROJECT LOCATION MAP

TRAVEL DIRECTIONS TO NFSR 83 FROM PECOS RANGER DISTRICT OFFICE:
Head North on S Main St. Turn right onto NM-223. Drive approximately 2.1 miles to NFSR 83 on your right.

RECOMMENDED BY:

ENGINEERING STAFF OFFICER

DISTRICT RANGER

APPROVED:

FOREST SUPERVISOR

DIRECTOR OF ENGINEERING

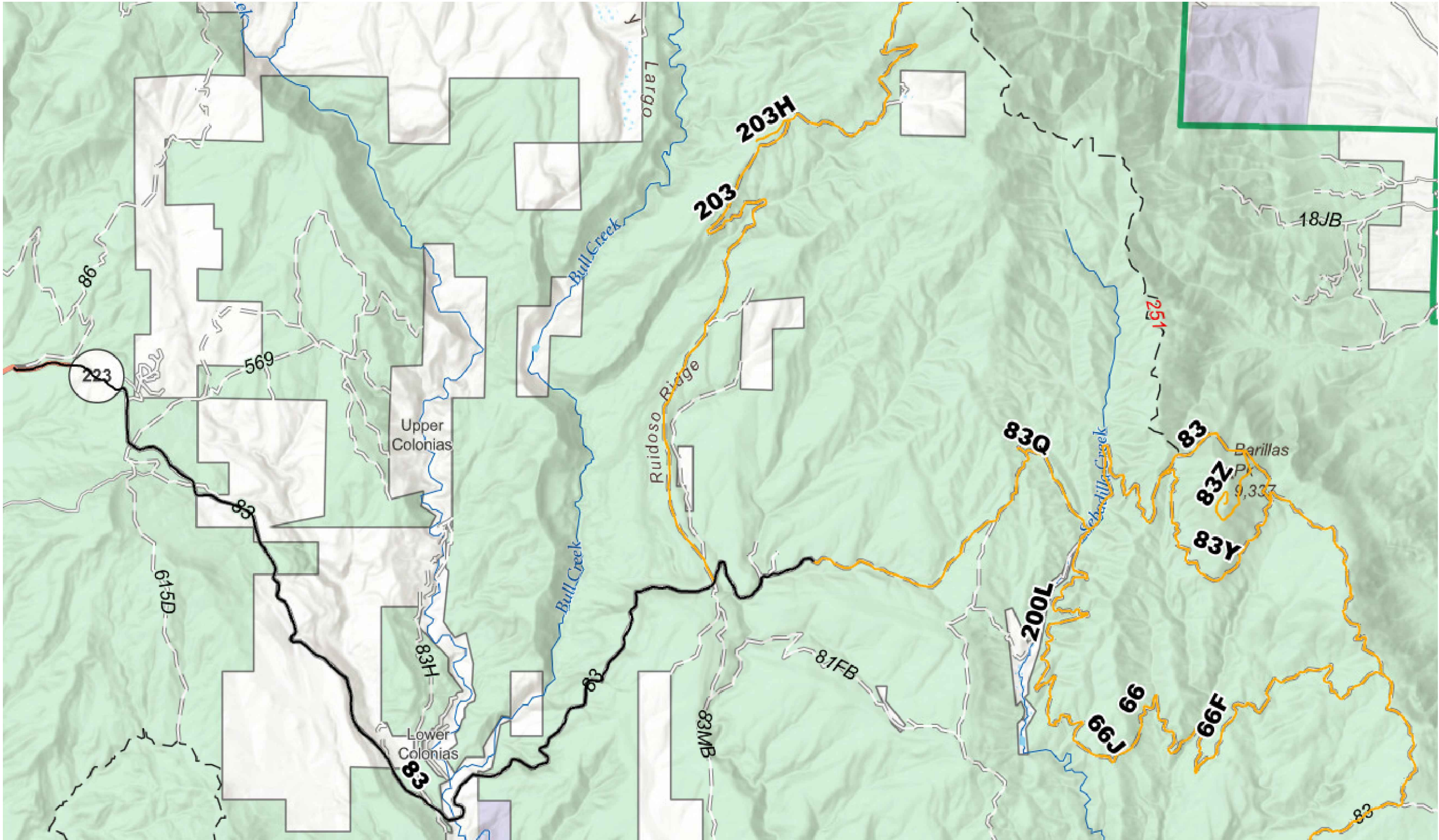
DATE

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DATE

5/19/26 19:45 ARMANDODELACRUZ C:\USERS\ARMANDODELACRUZ\APPDATA\LOCAL\BOX-EDIT\DOCUMENTS\INC3\LEB\JUN\SOL4\KTH1+G==BARILLAS PEAK ROADS RECONST.5.19.26 DRAFT.DWG;



United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

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NO.	REVISION / ISSUE	DATE

PROJECT NAME

BARILLAS PEAK
ROADS
RECONSTRUCTION

SANTA FE NATIONAL
FOREST

PECOS/LAS VEGAS RANGER
DISTRICT

DRAWING TITLE

VICINITY MAP

DATE 5/16/2026	ARCHIVE NO.
DESIGNER M. DE LA CRUZ	DRAWING SHEET NO. G-02
DRAWN M. DE LA CRUZ	
CHECKED V. JENSEN	
PROJECT NO.	SHEET 02 OF 09

GENERAL NOTES

- G-01.

THE CONTRACTING OFFICER (CO) AS REFERENCED HEREIN REFERS TO THE GOVERNMENT CO OVERSEEING THE CONTRACT.
- G-02.

THE CONTRACTOR AS REFERENCED HEREIN REFERS TO THE COMPANY OR PERSON PERFORMING ALL PROJECT ACTIVITIES.
- G-03.

STANDARD DETAILS SHALL APPLY TO ALL PROJECT ACTIVITIES.
- G-04.

CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT, SUPERVISION, SIGNING, TRANSPORTATION, AND SUPPLIES NECESSARY TO PERFORM ALL PROJECT ACTIVITIES.
- G-05.

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES BEFORE DIGGING.
- G-06.

CONTRACTOR SHALL CONFORM TO THE PROVIDED SANTA FE NATIONAL FOREST FIRE PLAN AT ALL TIMES.
- G-07.

IN THE EVENT OF INADVERTENT DISCOVERY OF POSSIBLE ARCHAEOLOGICAL RESOURCES, CONTRACTOR SHALL STOP WORK IN THE IMMEDIATE VICINITY AND CONTACT THE CONTRACTING OFFICER’S REPRESENTATIVE.
- G-08.

CONTRACTOR SHALL NOT PERFORM WORK IN OR DISCARD MATERIAL INTO WATER BODIES.
- G-09.

BERMS OF MATERIAL OF ANY KIND SHALL BE REMOVED PRIOR TO THE END OF EACH WORKING DAY.
- G-10.

ALL VEHICLES AND EQUIPMENT SHALL BE CLEAN AND FREE OF WEEDS AND SUBJECT TO INSPECTION PRIOR TO MOBILIZING ONTO FOREST LANDS.
- G-11.

CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE HOURS OF THIRTY (30) MINUTES AFTER DAWN TO THIRTY (30) MINUTES BEFORE DUSK, MONDAY THROUGH FRIDAY, UNLESS OTHER HOURS ARE APPROVED IN WRITING BY THE CO.
- G-12.

CONSTRUCTION ACTIVITY SHALL NOT OCCUR ON FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED IN WRITING BY THE CO.
- G-13.

ALL CHANGES TO PROJECT ACTIVITIES SHALL BE REVIEWED AND APPROVED BEFOREHAND BY THE CO.
- G-14.

PRIOR TO CLOSING A ROAD LONGER THAN 45 MINUTES, IT SHALL BE APPROVED, IN WRITING, BY THE CO.
- G-15.

ROAD RECONDITIONING SHALL BE APPROVED BY COR, PRIOR TO PLACING AGGREGATE/MATERIAL.
- G-16.

COR/FOREST SERVICE REPRESENTATIVE SHALL BE PRESENT DURING PLACEMENT AND COMPACTION OF CULVERT.



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BARILLAS PEAK
ROADS
RECONSTRUCTION

SANTA FE NATIONAL
FOREST

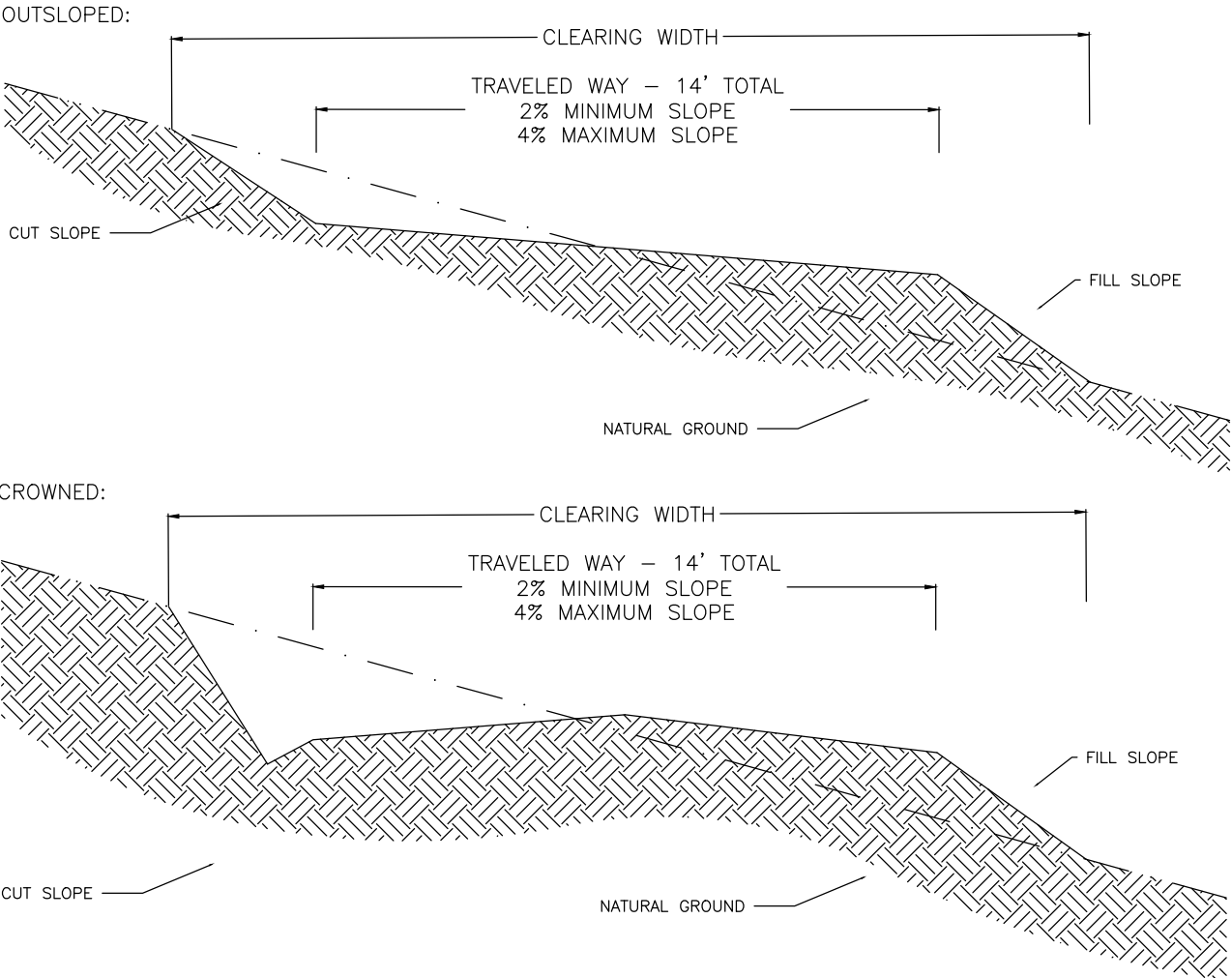
PECOS/LAS VEGAS RANGER
DISTRICT

DRAWING TITLE

GENERAL NOTES

DATE 5/16/2026	ARCHIVE NO.
DESIGNER M. DE LA CRUZ	DRAWING SHEET NO. G-03
DRAWN M. DE LA CRUZ	
CHECKED V. JENSEN	
PROJECT NO.	SHEET 03 OF 09

TYPICAL SECTIONS FOR NATIVE-SURFACED ROADS



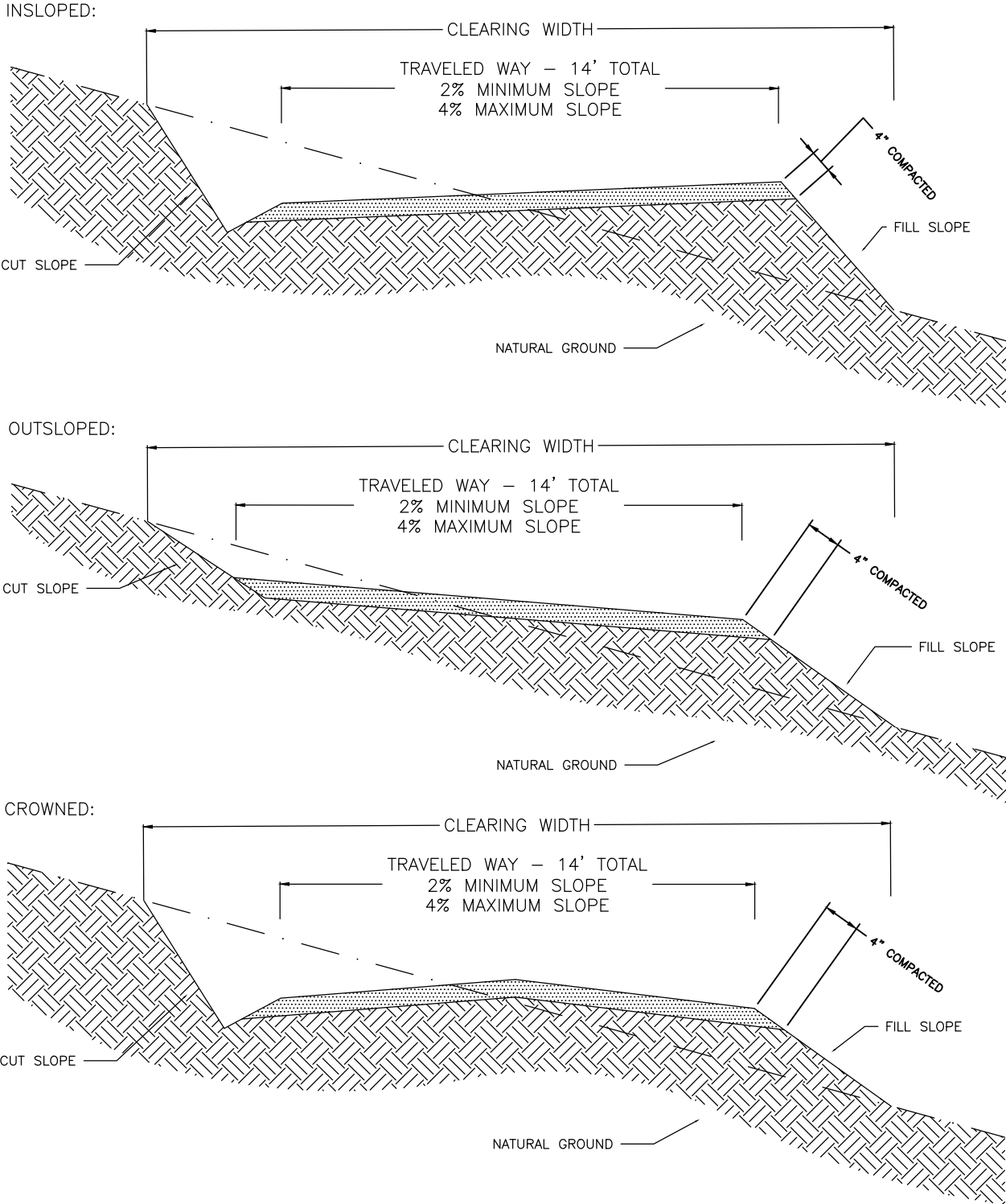
ROAD RECONDITIONING CONSTRUCTION NOTES

1. THE ROADWAY SURFACE SHALL BE CROWNED UNLESS IT IS INSLOPED OR OUTSLOPED. NO FLAT BLADING SHALL BE PERMITTED.

TABLE 1. ROAD RECONDITIONING SUMMARY

ROAD	BMP	EMP	LENGTH (MI)	NOTES
NFSR 66	4.75	5.52	0.77	FROM ISECT NFSR 66F TO NFSR 66J
NFSR 66F	2.79	3.94	1.15	TO FIRST WASHOUT COMING IN FROM NFSR 83
NFSR 66J	0.00	0.87	0.87	FROM NFSR 66 TO NFSR 200L
NFSR 83	0.02	10.47	10.45	FROM END OF PAVEMENT TO ML2 SECTION
NFSR 83	10.47	19.39	8.92	TO ISECT NFSR 66F
NFSR 83Y	0.00	2.18	2.18	BOTH ENDS INTERSECT NFSR 83
NFSR 83Z	0.00	1.02	1.0200	FROM NFSR 83 TO LOOKOUT TOWER
NFSR 200L	0.00	2.88	2.8800	FROM NFSR 83 TO ISECT NFSR 66J
NFSR 203	0.00	6.07	6.0700	TO ISECT NFSR 203JA
NFSR 203H	0.29	0.32	0.0300	FROM MP 0.29 TO ISECT NFSR 203

TYPICAL SECTIONS FOR AGGREGATE-SURFACED ROADS



AGGREGATE AND OTHER SURFACING CONSTRUCTION NOTES

2. ROAD RECONDITIONING IS REQUIRED PRIOR TO MATERIAL PLACEMENT.
3. SURFACING SHALL COVER 14 FEET MINIMUM OF ROAD WIDTH AND BE COMPACTED TO 4".
4. COMPACT ACCORDING TO SPECIFICATIONS FOR EACH MATERIAL TYPE AS DESCRIBED IN THE SCHEDULE OF ITEMS AND ATTACHMENT C.



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PROJECT NAME
**BARILLAS PEAK
ROADS
RECONSTRUCTION**

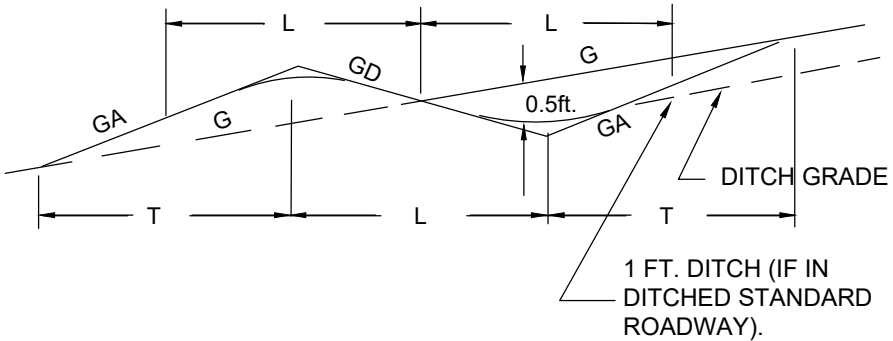
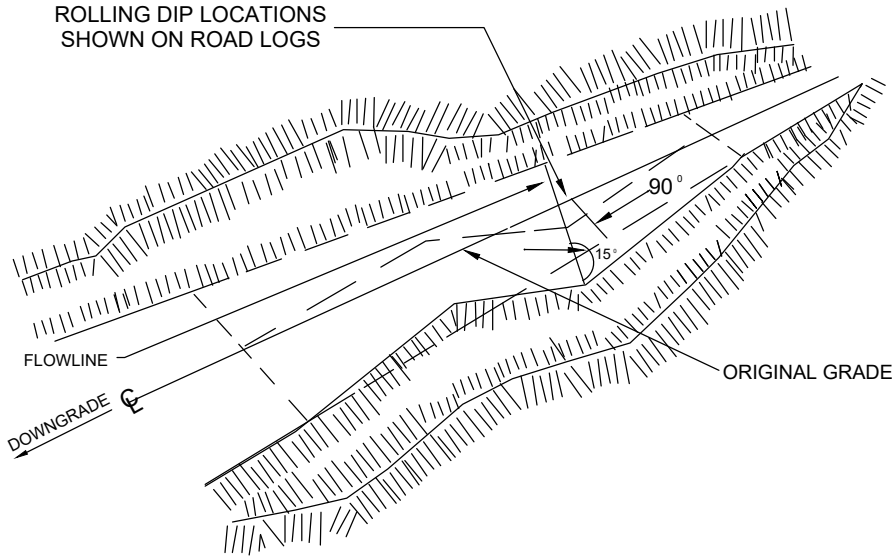
**SANTA FE NATIONAL
FOREST**

PECOS/LAS VEGAS RANGER
DISTRICT

DRAWING TITLE
**TYPICAL SECTION
DETAIL**

DATE 5/16/2026	ARCHIVE NO.
DESIGNER M. DE LA CRUZ	DRAWING SHEET NO. C-01
DRAWN M. DE LA CRUZ	
CHECKED V. JENSEN	
PROJECT NO.	SHEET 04 OF 09

ROLLING DIP (0.5' FREEBOARD)

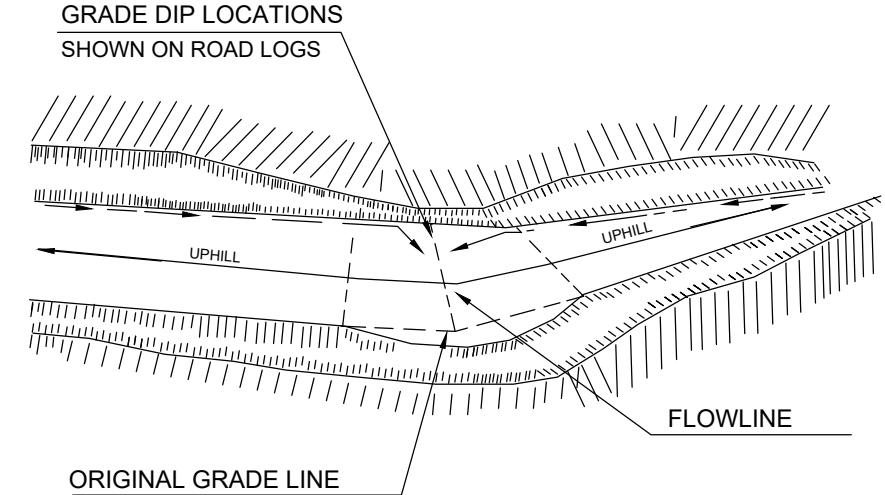


GD-ADVERSE GRADE
GA-APPROACH GRADE
G -ORIGINAL ROAD GRADE
L -LENGTH OF VERTICAL CURVE
T -LENGTH OF APPROACH GRADE

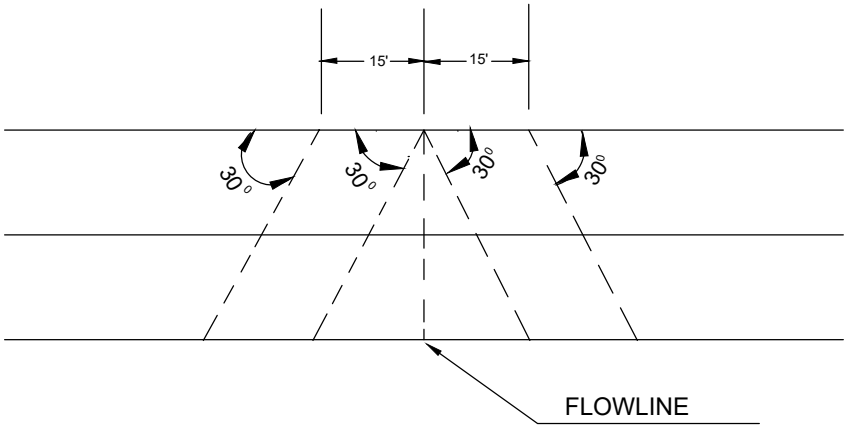
GRADE			
G	GA	L	T
2%	4%	14'	42'
4%	6%	16'	55'
6%	8%	18'	71'

1. GRADE ALONG THE FLOWLINE WILL BE A MINIMUM OF 4%.
2. ROLLING/GRADE DIPS ON ML-3 ROADS SHALL BE COMPACTED ACCORDING TO FSSS 204 COMPACTION METHOD (d), AND ON ML-2 ROADS ACCORDING TO FSSS 204 COMPACTION METHOD (e).
3. WHERE FURROW DITCHES ARE SPECIFIED IN THE DESCRIPTION OF WORK THE FURROW DITCH GRADE WILL BE A MINIMUM OF (G) WHICH IS DESCRIBED IN THE PROFILE DRAWING ABOVE.
4. TOLERANCE CRITERIA:
FREEBOARD: +0.2 FT.
"L" : +5 FT.
"T" : +10 FT.

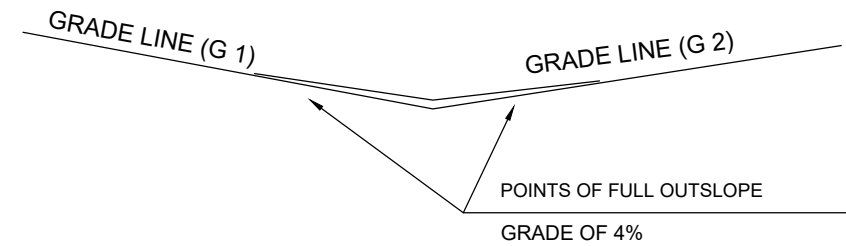
GRADE DIP



PLAN VIEW



PROFILE VIEW



1. GRADE ALONG FLOWLINE WILL BE A MINIMUM OF 4%.
2. ARMORED GRADE DIPS SHALL BE SCARIFIED 6" MIN. PRIOR TO PLACING CLASS 0 RIPRAP AND COMPACTED ACCORDING TO FSSS 204 COMPACTION METHOD (e).
3. WHERE FURROW DITCHES ARE SPECIFIED IN THE DESCRIPTION OF WORK THE FURROW DITCH GRADE WILL BE A MINIMUM OF THE STEEPER GRADE (G1 OR G2) DRAINING INTO THE DIP.
4. CLASS 0 RIPRAP TO BE SPREAD EVENLY FROM TROUGH OF GRADE DIPS. (e.g. 10' ON BOTH SIDES OF TROUGH.)



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SANTA FE NATIONAL
FOREST

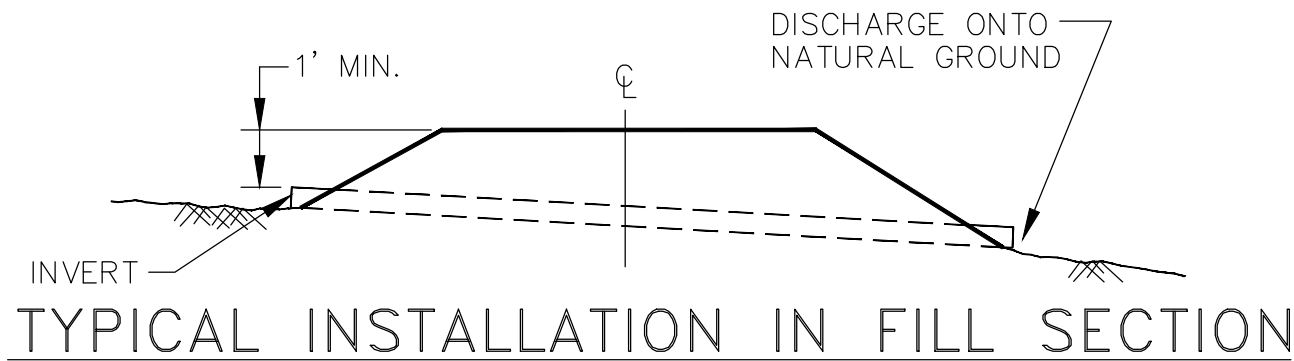
PECOS/LAS VEGAS RANGER
DISTRICT

DRAWING TITLE

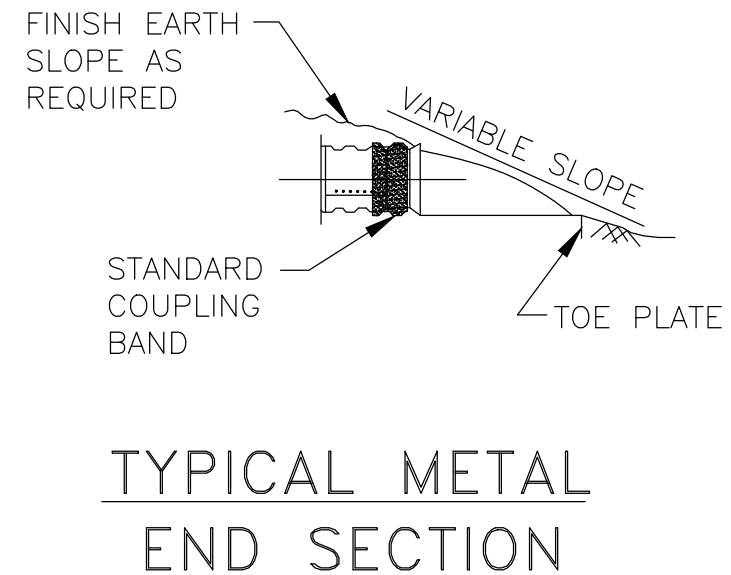
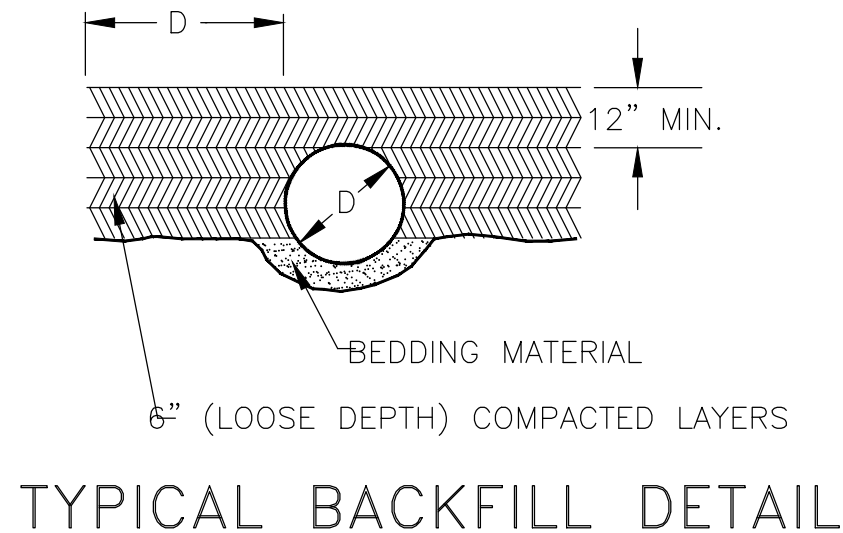
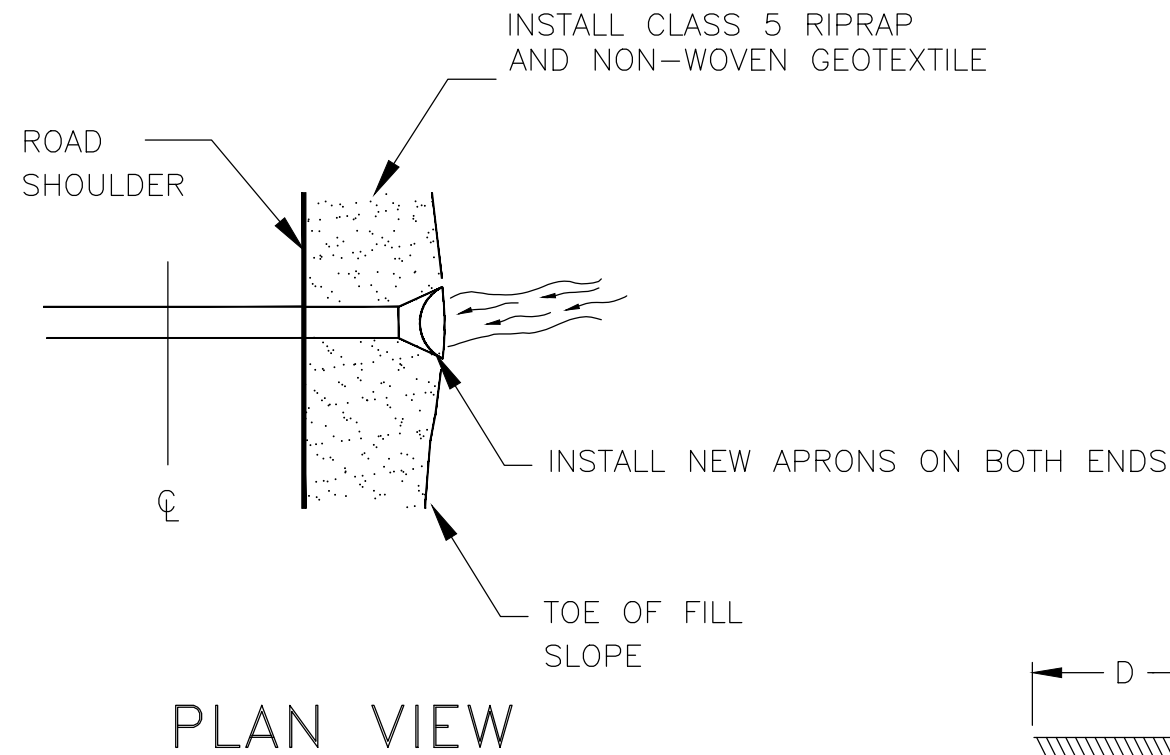
DRAIN DIP DETAIL

DATE 5/16/2026	ARCHIVE NO.
DESIGNER M. DE LA CRUZ	DRAWING SHEET NO.
DRAWN M. DE LA CRUZ	C-02
CHECKED V. JENSEN	
PROJECT NO.	SHEET 05 OF 09

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- CULVERT INSTALLATION CONSTRUCTION NOTES:**
1. BEDDING MATERIAL SHALL ADHERE TO FP-24 714.01(c).
 2. 4" BEDDING MATERIAL SHALL NOT BE COMPACTED.
 3. BACKFILL SHALL BE COMPACTED ACCORDING TO FSSS 204 COMPACTION METHOD (d).
 4. WHEN COMPACTING WITH ROLLERS IS NOT PRACTICAL, USE APPROVED MECHANICAL TAMPERS FOR A MIN. OF THREE PASSES.
 5. EXCAVATION AND THE CULVERT FOUNDATION SHALL BE APPROVED IN WRITING BY THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) BEFORE THE PIPE IS PLACED AND BACKFILL IS CONDUCTED.
 6. NEW APRONS AND COUPLINGS SHALL MATCH EXISTING CULVERT MATERIAL AND SIZE.
 7. EXISTING CULVERT IS A 95" X 67" X 40' SQUASH PIPE.
 8. INSTALLATION TO PROVIDE POSITIVE DRAINAGE.



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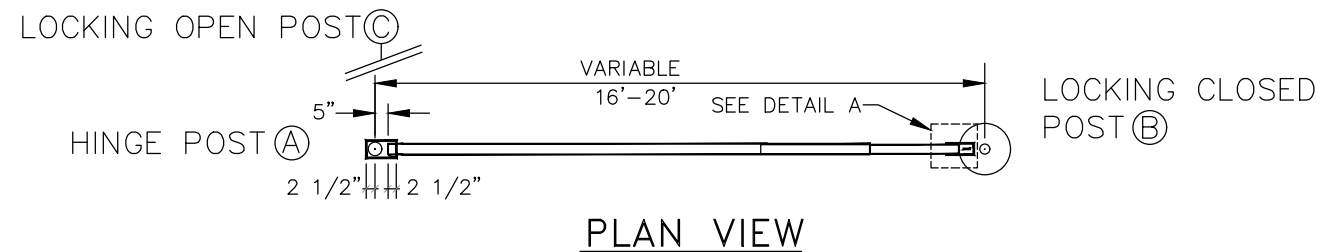
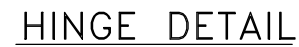
**SANTA FE NATIONAL
FOREST**

PECOS/LAS VEGAS RANGER
DISTRICT

DRAWING TITLE
**CULVERT RESET AND
APRON/RIPRAP
INSTALLATION DETAIL**

DATE 5/16/2026	ARCHIVE NO.
DESIGNER M. DE LA CRUZ	DRAWING SHEET NO. C-03
DRAWN M. DE LA CRUZ	
CHECKED V. JENSEN	
PROJECT NO.	SHEET 06 OF 09

1. ALL MEMBERS OF THE GATE ASSEMBLY SHALL BE FABRICATED FROM STANDARD STEEL SECTIONS, AND APPROVED BY CO PRIOR TO INSTALLATION.
2. THE CLOSURE GATE PAY ITEM INCLUDES ALL REQUIRED RETROREFLECTIVE TAPE PLACEMENT.
3. CONCRETE SHALL BE 4000 PSI AND IN ACCORDANCE WITH SECTION 601, OR METHOD APPROVED BY THE CO.
4. RETROREFLECTIVE TAPE PLACEMENT TO BE COORDINATED WITH COR.
5. TWO (2) LOCKING OPEN POSTS TO BE INSTALLED ON NFSR 83Y SHALL MATCH EXISTING GATE MATERIAL.
6. TWO (2) LOCKING PINS SHALL BE PROVIDED WITH LOCKING OPEN POSTS.



GATE PLAN & ELEVATION DETAILS



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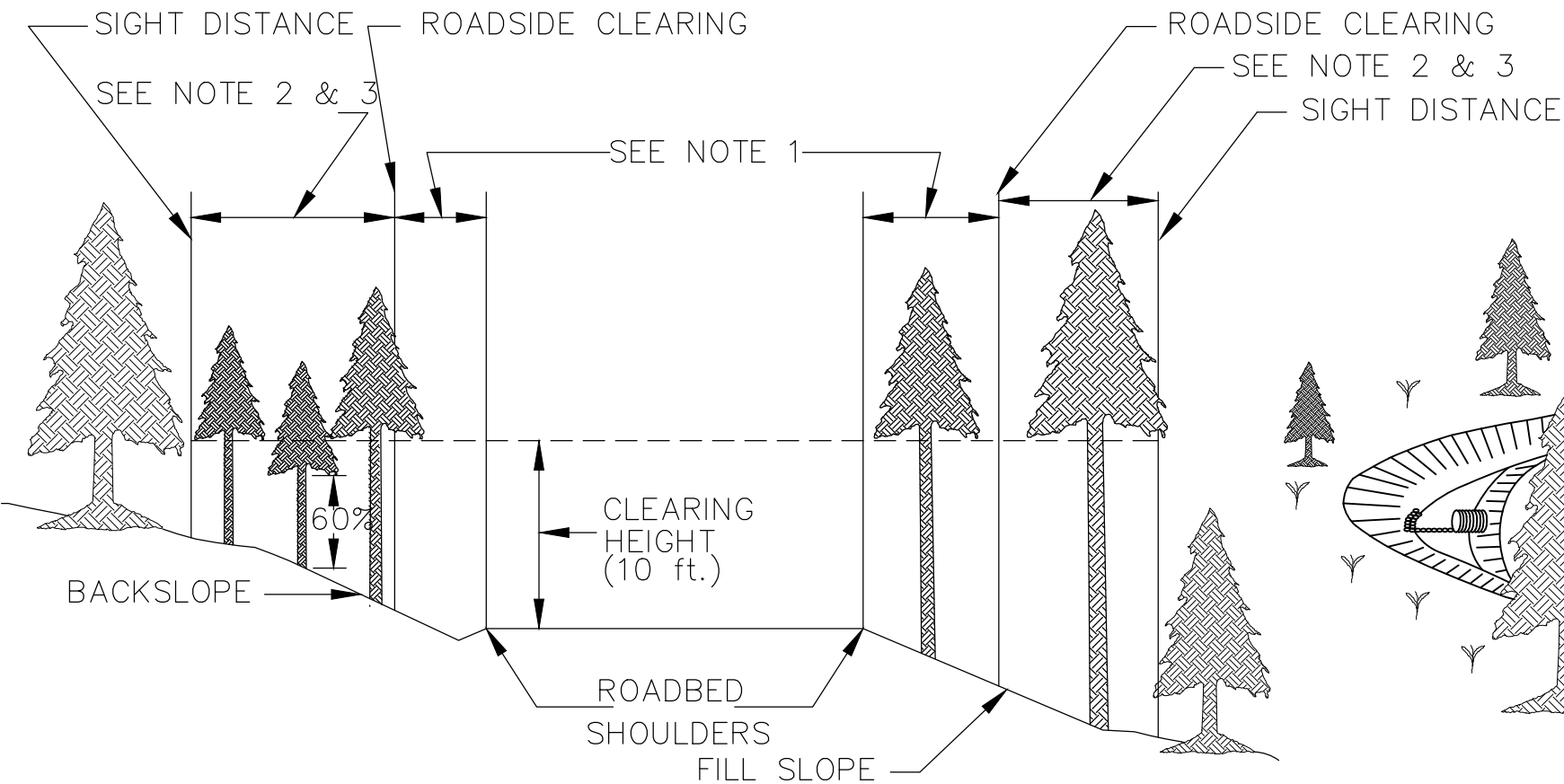
**PECOS/LAS VEGAS RANGER
DISTRICT**

GATE AND LOCKING POSTS DETAIL

DATE 5/16/2026	ARCHIVE NO.	
DESIGNER M. DE LA CRUZ	DRAWING SHEET NO. C-04	
DRAWN M. DE LA CRUZ		
CHECKED V. JENSEN	SHEET 07 OF 09	
PROJECT NO.		

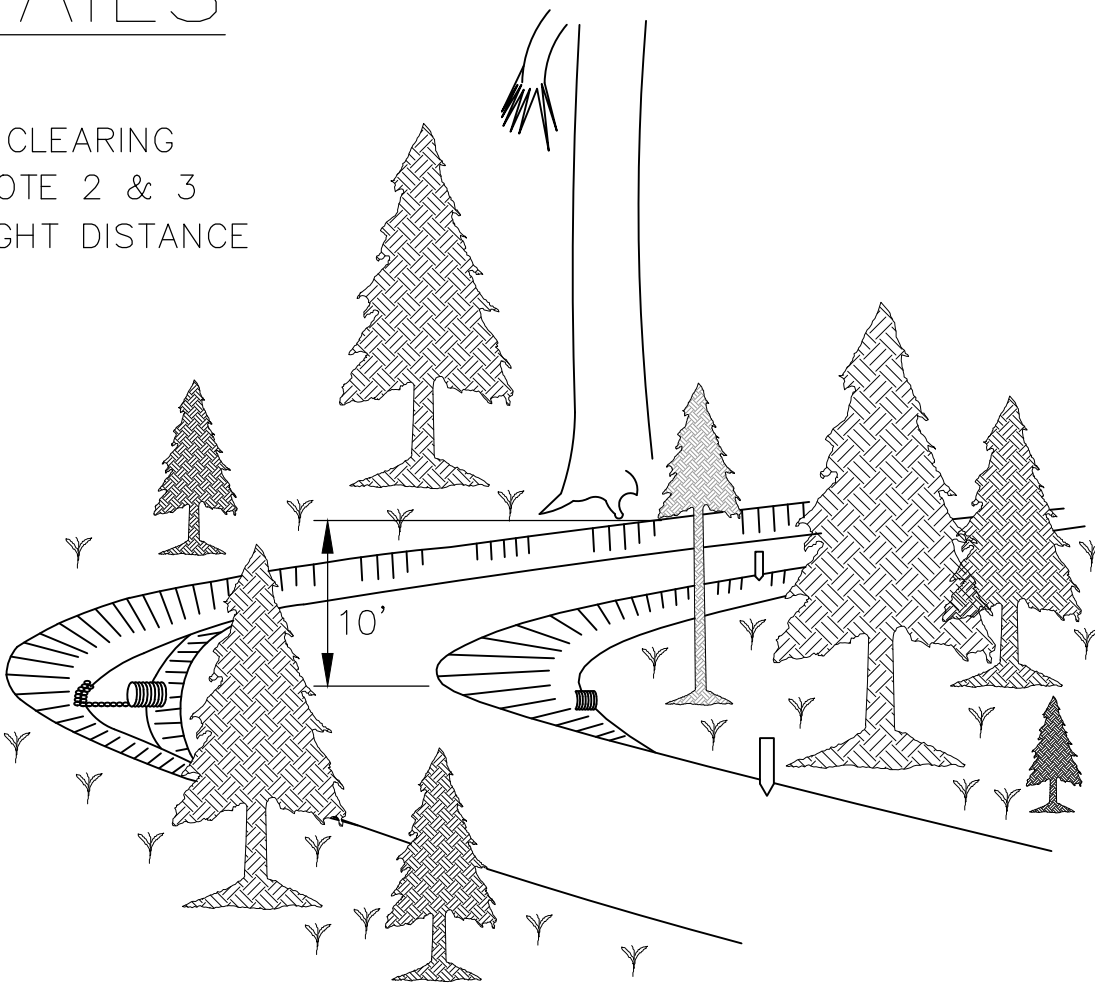
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CLEARING DETAILS



CLEARING LIMITS TYPICAL

NO SCALE



SIGHT DISTANCE TYPICAL

NO SCALE

NOTES

1. All conifers, hardwoods and brush within 5 feet of the shoulders of the road or the bottom of the ditch shall be removed.
2. The area of sight distance clearing will be from the roadside clearing limit, to a line of sight between the beginning and ending points marked on the road logs.
3. Branches on remaining conifers shall be trimmed from ground level to a clearing height limit 10 feet above the roadbed or to a limit of 60% of the tree's height, whichever is less. Limbs of vegetation shall be cut so as to not protrude within the clearing limits.
4. FSSS 203 Disposal Method (b), Scattering shall be used. Remove all debris from ditches and drainage feature outlets, unless otherwise agreed.



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**SANTA FE NATIONAL
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**PECOS/LAS VEGAS RANGER
DISTRICT**

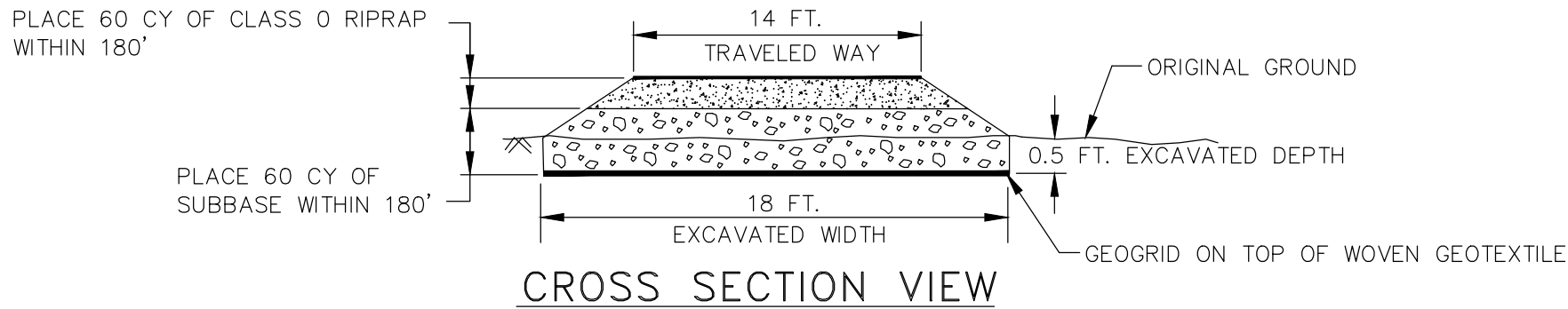
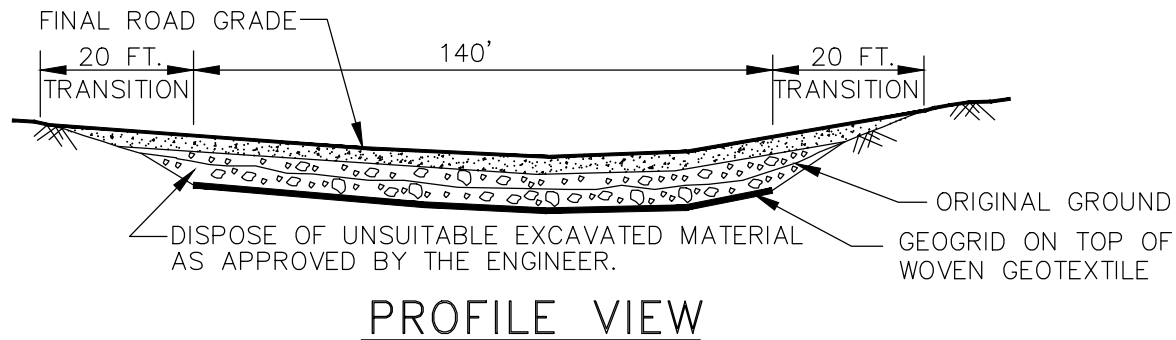
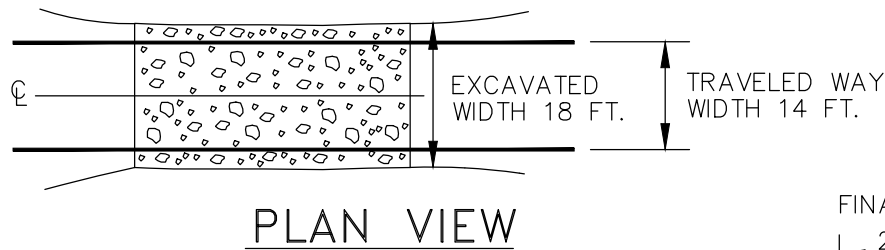
DRAWING TITLE

CLEARING DETAIL

DATE 5/16/2026	ARCHIVE NO.
DESIGNER M. DE LA CRUZ	DRAWING SHEET NO. C-05
DRAWN M. DE LA CRUZ	
CHECKED V. JENSEN	
PROJECT NO.	SHEET 08 OF 09

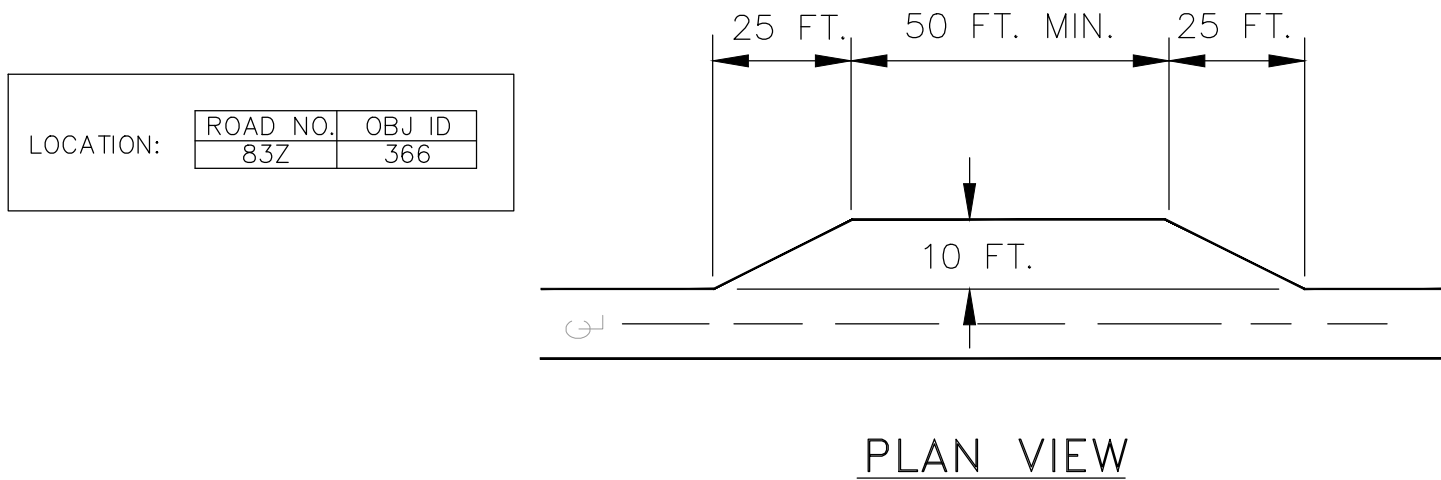
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REINFORCED TRAVELED WAY



LOCATION:	ROAD NO.	OBJ ID
	83	387
RIPRAP CLASS 0 QTY: 60 CY		
SUBBASE QTY: 60 CY		
WOVEN GEOTEXTILE QTY: 1960 SF		
GEOGRID QTY: 1960 SF		

TURNOUT WIDENING



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PECOS/LAS VEGAS RANGER
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DRAWING TITLE

REINFORCED TRAVELED
WAY AND TURNOUT
DETAIL

DATE 5/16/2026	ARCHIVE NO.
DESIGNER M. DE LA CRUZ	DRAWING SHEET NO. C-06
DRAWN M. DE LA CRUZ	
CHECKED V. JENSEN	
PROJECT NO.	SHEET 09 OF 09