United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Salem, Oregon 97306
http://www.or.blm.gov/salem

Date: September 2, 2015
Sale Name: Dutch Treat Timber Sale
Tract No.: ORS06-TS-2015.0102
Sale Date: September 16, 2015

PROSPECTUS CORRECTION NOTICE

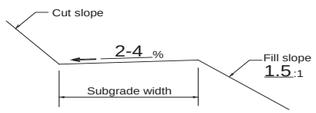
It has come to our attention that there are two errors effecting pages 9-11, 35 and 38-39 of the Exhibit C. The two errors are the following: a large fish culvert was included and a section of haul route was omitted. In making the corrections the Exhibit C has gone from 39 pages in length to 40 pages. The appraisal is correct as it did not include the large fish pipe and it included the haul route. Attached are corrected Exhibit C pages to replace ones provided in the original Prospectus. If you have any additional questions please contact Brian Christensen 503-815-1119.

Karen M. Schank
Tillamook Field Manager

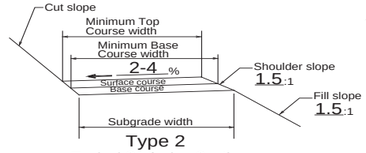
U.S. DEPT. OF THE INTERIOR
Bureau of Land Management
SALEM DISTRICT OFFICE - OREGON

150: ROAD PLAN AND DETAIL SHEET

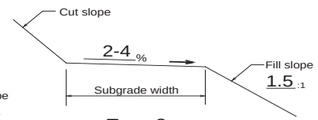
Road Number	Start Station or Milepost	End Station or Milepost	Total Length	Typical Cross Section	Min. Curve Radius	ROAD WIDTH		GRADIANT		SURFACING (*5) BASE COURSE					SURFACE COURSE					
						Subgrade	Ditch	Max. Favorable	Max. Adverse	Min. Width	Comp. Depth	Surface Type (*3)	Grading Size (*3)	Number of Lifts	Min. Width	Comp. Depth	Surface Type (*3)	Grading Size (*3)	Number of Lifts	
Spur A	0+00	27+77	27+77	3		14	0													New Construct. Construct Landing and Turna
Spur A1	0+00	6+13	6+13	3		14	0													New Construct. Construct Landing and Turna
Spur B	0.000	0.083	0.083	6		14	2										PRR	--		Renovation. Spread 20 CY Spot Rock as marke
Spur B1	0+00	13+34	13+34	3		14	0													New Construct. Construct Landing and Turna 5+05).
Spur C	0+00	0+90	0+90	4		22	2			19'	12"	PRR	---	2						New Construct. Construct 65' radius curve. Run Lift to surface existing road and widening for curve.
Spur C	0+90	6+09	5+19	3		14	0													New Construct. Construct Landing and turna 2+15).
Spur D	0+00	9+60	9+60	6		14	2										PRR	--		Renovation. Spread 20 CY Spot Rock as marke along road.
Spur D	9+60	26+58	16+98	3		14	0													New Construct. Construct Landing and Turna
Spur E	0+00	3+10	3+10	3		14	0													New Construct. Construct Landing as mark
Spur F	0+00	2+83	2+83	3		14	0													Renovation. Cut and fill as needed to slac
Spur F	2+83	15+25	12+42	3		14	0													New Construct. Construct Landing and Turna
Spur G	0+00	1+30	1+30	3		14	0													New Construct. Construct Landing as mark



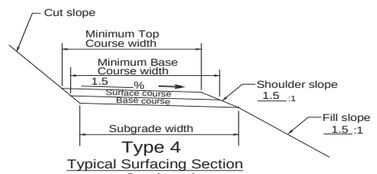
Type 1
Typical Grading Section
Insloped



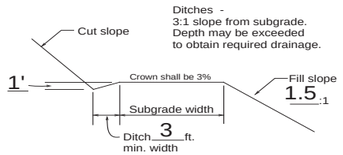
Type 2
Typical Surfacing Section
Insloped



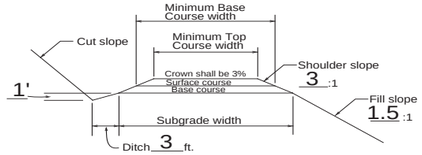
Type 3
Typical Grading Section
Outsloped



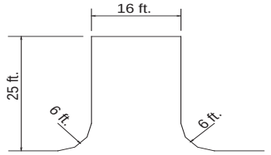
Type 4
Typical Surfacing Section
Outsloped



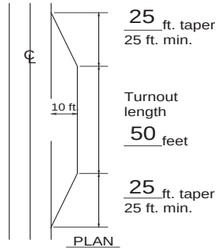
Type 5
Typical Grading Section
w / Ditch



Type 6
Typical Surfacing Section



PLAN
Typical Truck



PLAN
Typical Turnout

1. Extra subgrade widths
   Add to each shoulder: 1 ft. for fills of 1-6 ft.
   and 2 ft. for fills over 6 ft.
   shoulder of curves as follow:
   (See Road Plan Map, Exhibit C)

2. Backslopes
   Materials
   Solid rock
   Soft rock and shale
   Common
   Slopes under 55%
   Slopes over 55%

   Note:
   Full bench constr
   slopes exceeding 60%.

3. Surface type
   PRR - Pit run rock
   GRR - Grid rolled rock
   SRN - Screened rock
   JRR - Jaw run rock
   ABC - Aggr. base course
   ASC - Aggr. surface course
   WC - Wood chips

* Clearing Limits as posted on ground

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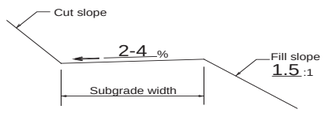
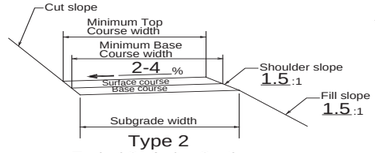
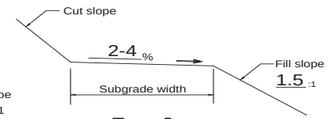
						Subgrade	Ditch	Max. Favorable	Max. Adverse	Min. Width	Comp. Depth	Surface Type (*3)	Grading Size (*3)	Number of Lifts	Min. Width	Comp. Depth	Surface Type (*3)	Grading Size (*3)	Number of Lifts	
3N-2-17.0	0.000	0.831	0.831	6		14	2										ASC	C		Renovation. Spread 30 CY Crushed Spot Roc
3N-3-3.0	0.000	1.495	1.495	6		14	2										PRR	--		Renovation. Spread 350 CY Pit-Run Spot Rock as mar ditchlines and haul material to WA.
3N-3-3.5	0.000	0.134	0.134	6		14	2										PRR	--		Renovation. Construct ditchouts as marke to WA.
3N-3-11.0	0.000	0.417	0.417	6		14	2										PRR	--		Renovation. Construct ditchouts as marke haul material to WA.
3N-3-13.0	0.00	1.490	1.490	6		14	2										PRR	--		Renovation. Construct ditchouts as marke haul material to WA.
3N-3-13.0	1.490	1.942	0.452	3		14	0													Renovation. Widen to the right for width (approx Construct a Turnaround at MP 1.897. Const
3N-3-13.1	0.000	0.275	0.275	6		14	2										ASC	C		Renovation. Spread 20 CY Crushed Spot Roc
3N-3-14.0	0.000	0.357	0.357	6		14	2										PRR	--		Renovation. Spread 40 CY Spot Rock as m haul mateial to WA.
3N-3-14.0	0.357	0.871	0.514	3		14	0													Renovation. Construct ditchouts as marke clearing limits are painted with "seafoam gr
3N-3-14.0	0.871	1.021	0.150	6		14	2													Renovation. Construct ditchouts as marke



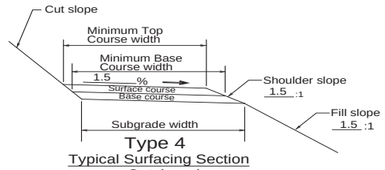
Type 1
Typical Grading Section
Insloped



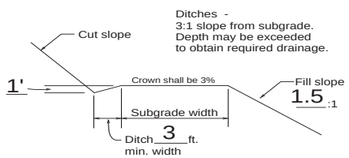
Type 2
Typical Surfacing Section
Insloped



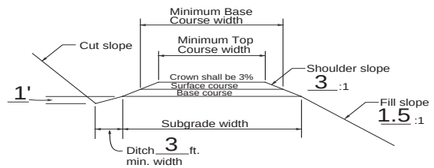
Type 3
Typical Grading Section
Outsloped



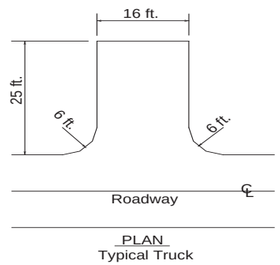
Type 4
Typical Surfacing Section
Outsloped



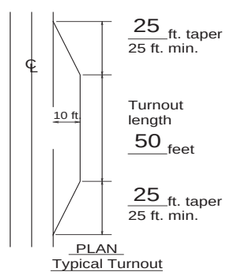
Type 5
Typical Grading Section
w / Ditch



Type 6
Typical Surfacing Section



PLAN
Typical Truck



PLAN
Typical Turnout

1. Extra subgrade widths
   Add to each shoulder: 1 ft. for fills of 1-6 ft.
   and 2 ft. for fills over 6 ft.
   shoulder of curves as follow:
   (See Road Plan Map, Exhibit C)

2. Backslopes
   Materials
   Solid rock
   Soft rock and shale
   Common
   Slopes under 55%
   Slopes over 55%

   Note:
   Full bench construction is required on side
   slopes exceeding 60%.

3. Surface type
   PRR -
   GRR -
   SRN -
   JRR -
   ABC -
   ASC -
   WC -

* Clearing Limits as posted on ground

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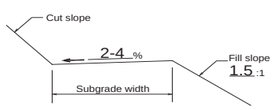
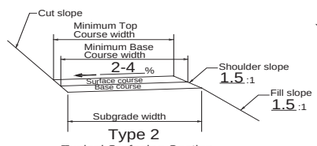
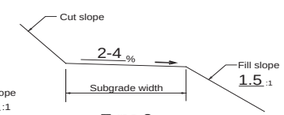
										BASE COURSE					SURFACE COURSE					
						Subgrade	Ditch	Max. Favorable	Max. Adverse	Min. Width	Comp. Depth	Surface Type (*3)	Grading Size (*3)	Number of Lifts	Min. Width	Comp. Depth	Surface Type (*3)	Grading Size (*3)	Number of Lifts	
3N-2-13.7	0.000	0.637	0.637	6		14	2										ASC	C		Renovation. ditchouts as mar
3N-3-14.1	0+00	5+88	5+88	6		14	2													Renovation. Rogue trails
3N-3-14.1	5+88	6+66	0+78	6		16	2			14'	12"	PRR	--	2						Renovation.
3N-3-14.1	6+66	14+05	7+39	6		14	2										PRR	--		Renovation. establish ditc mud trails appr
3N-3-14.1	14+05	17+25	3+20	6		14	2			12'	8"	PRR	--	2						Renovation. material to waste area. Re-establish dit barricades ar
3N-3-14.1	17+25	24+14	6+89	6		14	2										PRR	--		Renovation. haul material t Construct a T
4N-3-34.2	0.000	0.746	0.746	6		14	2										ASC	C		Renovation. establish ditc
4N-3-35.0	0.000	0.062	0.062	6		14	2										---	--		Renovation.
Pisgah Home/Baconna	0.000	2.300	2.300	6		14	2										ASC	C		Renovation.
Gunners Lakes/Pisgah LO	0.000	3.200	3.200	6		14	2										ASC	C		Renovation.



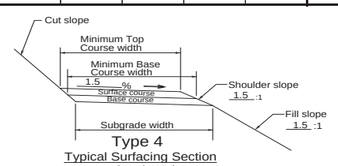
Type 1
Typical Grading Section
Insloped



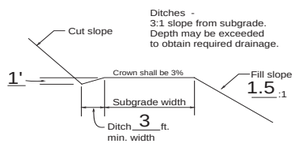
Type 2
Typical Surfacing Section
Insloped



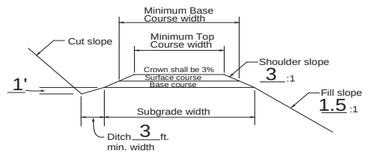
Type 3
Typical Grading Section
Outsloped



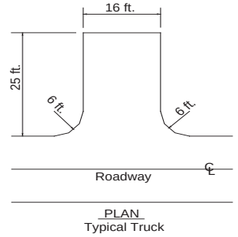
Type 4
Typical Surfacing Section
Outsloped



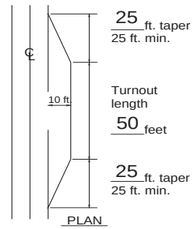
Type 5
Typical Grading Section
w / Ditch



Type 6
Typical Surfacing Section



PLAN
Typical Truck



PLAN
Typical Turnout

1. _____

2. _____

3. _____

* Clearing Limits as posted on ground

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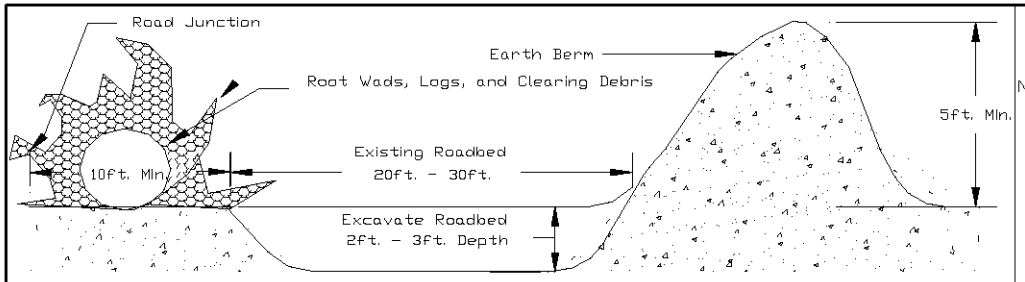
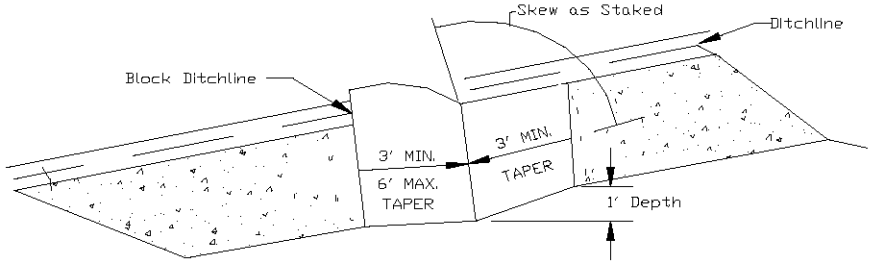
Earth Barricade, Waterdip, Drivable and Non-Drivable Waterbar Details



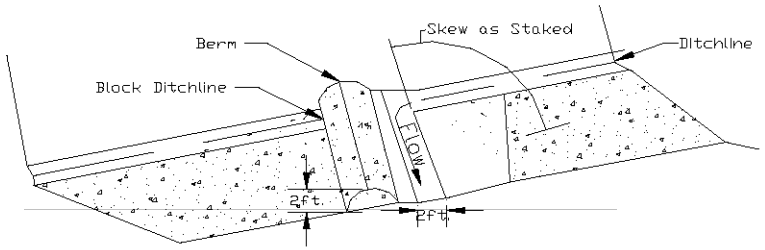
EARTH BARRICADE CONSTRUCTION



DRIVABLE WATERBAR CONSTRUCTION

NOTE:

1. DITCHLINE IS TO BE BLOCKED WITH EXCAVATED MATERIAL TO PREVENT DITCH WATER FROM BYPASSING WATERBAR.
2. EXCESS MATERIAL SHALL BE UNIFORMLY SPREAD ALONG ROADWAY. NO MATERICAL WILL BE ALLOWED BEYOND THE OUTER ROAD EDGE.

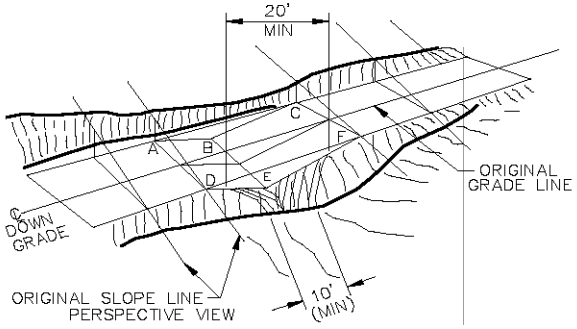


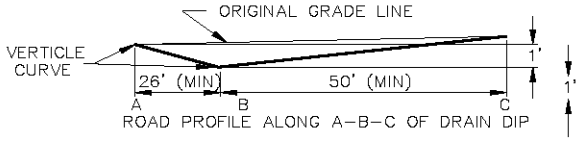
NON-DRIVABLE WATERBAR CONSTRUCTION

WATER DIP DETAIL

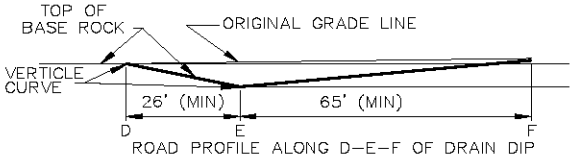
Not to Scale

NOTE: PLAN OF DIP SHOWN IS FOR OUTSLOPED ROLLING DIP, DIPS MAY BE EITHER INSLOPED OR OUTSLOPED. WHEN INSLOPED, DIPS SHALL DISCHARGE INTO A CULVERT, DROP INLET, OR OVERSIDE DRAIN, OR DRAINAGE DITCH. WHEN OUTSLOPED, THEY SHALL DISCHARGE INTO AN OVERSIDE DRAIN OR ON TO NATURAL GROUND. THE MINIMUM CROSS GRADE FROM "B" TO "E" IS 4% GREATER THAN THE ORIGINAL ROAD GRADE. SKEW LINE B-E TO FIT LOW POINT IN DRAW, IF LOCATED IN NATURAL DRAIN.

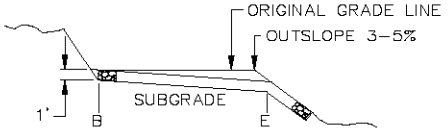




ROAD PROFILE ALONG A-B-C OF DRAIN DIP



ROAD PROFILE ALONG D-E-F OF DRAIN DIP



ROCK SPILL APRON 15' WIDE WITH MATERIAL AS SHOWN ON SCHEDULE OF ITEMS TO TOE OF FILL.

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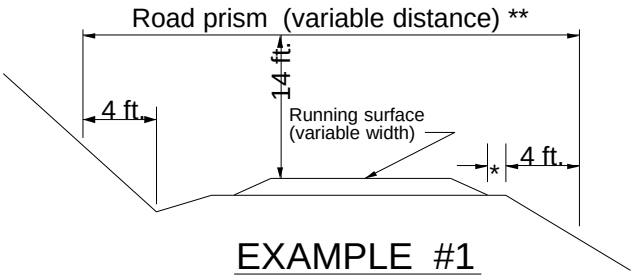
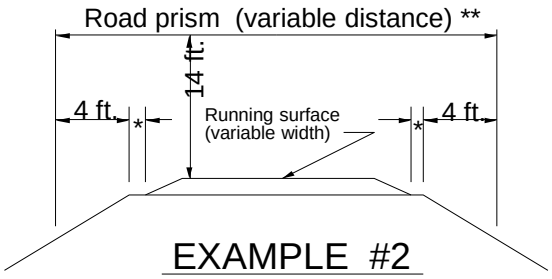
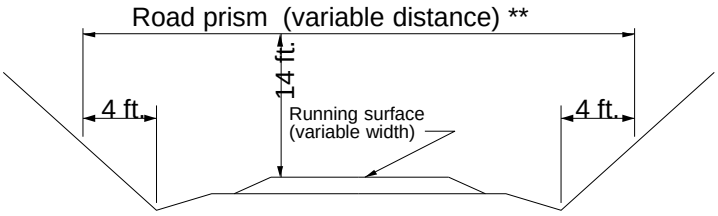
BRUSHING DETAILS



EXAMPLE #1



EXAMPLE #2

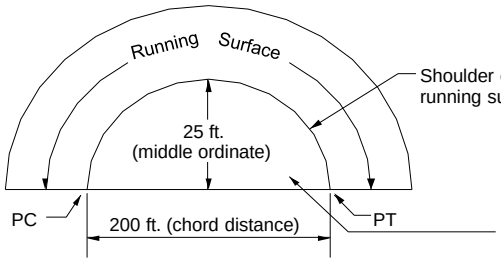


EXAMPLE #3

(NO SCALE)

* Variable distance between running surface and start of fill slope

** All areas within the variable distance shall be free of all vegatation capable of growing one (1) foot in height or higher and all overhanging limbs and branches 14 feet in elevation above the running surface



Area to be cut: shall be free of overhanging limbs and all vegatation will be cut to a maximum height of one (1) foot.

SIGHT DISTANCE DIAGRAM

Culvert List

CULVERT LOCATIONS							DOWNSPOUT *4				AS BUILT			ROCK RIP RAP (GRADING)			REMARKS *6
DESIGNED *2														(a)		(b)	
Road #	Sta./ M.P	SIZE	GAGE	LENGTH	CULVERT GRADE	INSTALL TYPE *3	SIZE	TYPE	LENGTH	TYPE OF ELBOW *5	SIZE	GAGE	LENGTH	INLET	OUTLET	Stucture inside pipe	
3N-3-13.7	0.625	18"	--	48'	--	--	--	--	--	--	--	--	--	--	--	--	Replace Existing. Construct lead-off ditch at outlet.
3N-3-14.1	6+35	36"	16	40'	1%	--	--	--	--	--	--	--	--	10	10	--	Replace existing. Beaver Ponds @inlet and outlet. Inlet is to be beveled at 1:1. Place 20 CY Crushed Bedding/Backfill. Place 30 CY Pit-Run Base/Backfill Rock. Place Class 5 RipRap @ inlet and outlet as fill armor.
3N-3-3.0	0.779	18"	--	32'	--	--	--	--	--	--	--	--	--	--	--	--	Install New Pipe. Place 5 CY Class 3 RipRap @ outlet for dissipater.
3N-3-3.0	1.121	18"	--	40'	--	--	--	--	--	--	--	--	--	--	--	--	Install New Pipe. Place 5 CY Class 3 RipRap @ outlet for dissipater.

Gage Chart

Gage	Dec. Inches Steel	Alum.
10	.138	.135
12	.109	.105
14	.079	.075
16	.064	.060

1. Designed culvert lengths and locations are approximate.

***2**. all culverts have 2 2/3" x 1/2" unless otherwise noted.

***4.** Downspout Types
1) Full
2) Half
3) Flume

*** Downspouts shall be CPP, Type C (single wall).

**** Corrugated plastic pipe (CPP), Type S (double wall) shall be used for culvert sizes 24" and smaller. All larger culvets shall be aluminized steel. Culverts 20' in length or smaller shall be one piece (no joints). No Culvert piece shall be shorter than 6 foot. Minimization of banding is required.

1) Conventional or Fabricated
2) Turner type
3) Slip joint

***6.** Include special sections, structures, headwalls, footings & other data.

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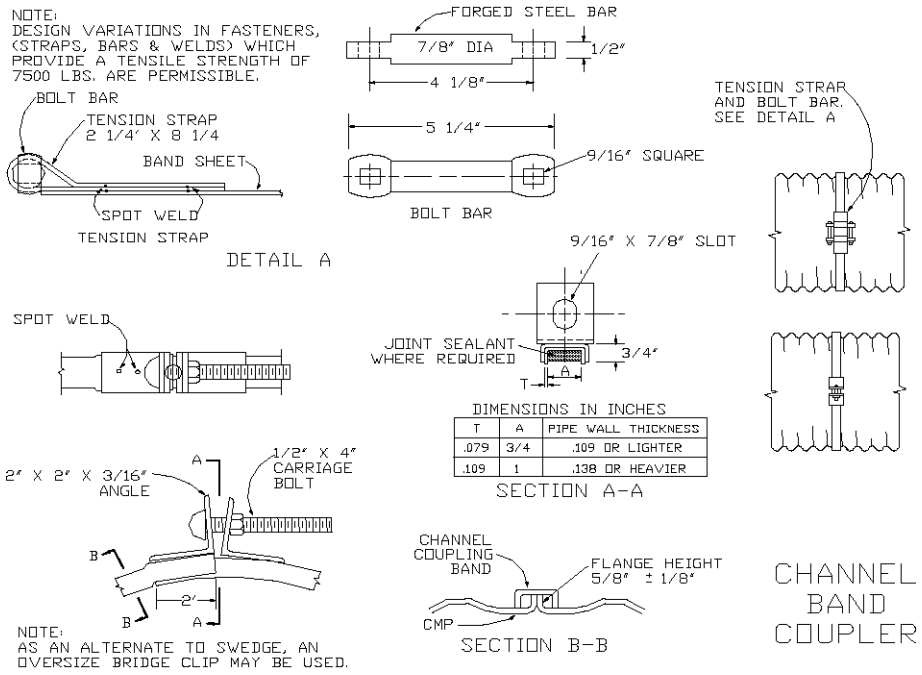
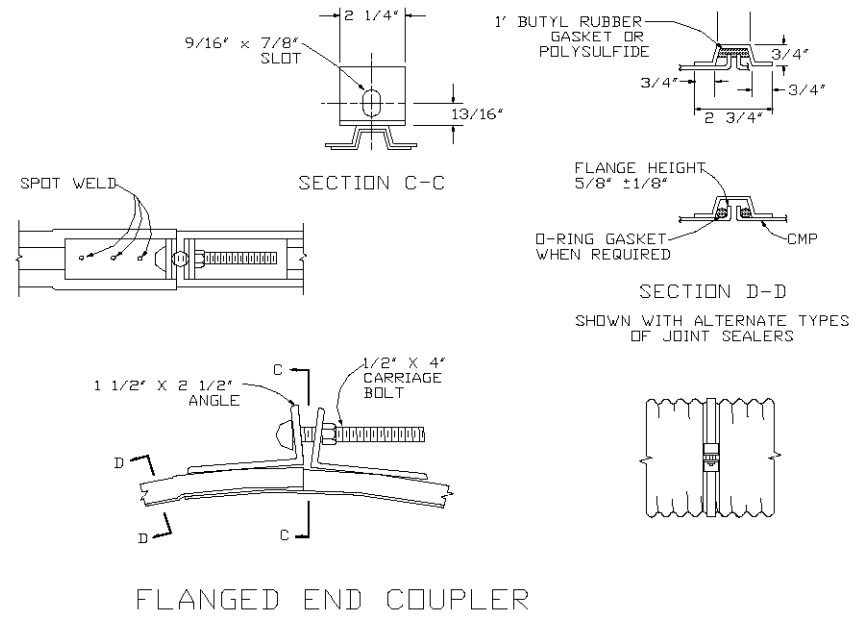
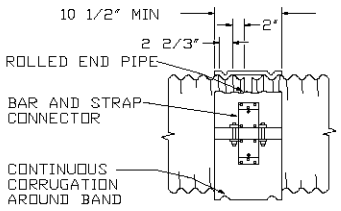
CULVERT BAND DETAILS







STANDARD CONSTRUCTION IS 1 PIECE 12" THRU 48" AND 2 PIECE 54" AND ABOVE

THE HUGGER COUPLER BAND OR AN APPROVED EQUIVALENT COUPLER BAND SHALL BE MADE OF THE SAME MATERIAL AND FINISH AS THE PIPES JOINED. THE COUPLER BANDS SHALL HAVE A MINIMUM WIDTH OF 10 1/2 INCHES AND MAY BE TWO NUMERICAL THICKNESSES LIGHTER THAN THE GAGE OR THICKNESS DESIGNATED FOR THE CONDUIT JOINED. THE BAND SHALL BE DESIGNED TO BE DRAWN TOGETHER WITH TWO 1/2 INCH BOLTS THROUGH USE OF A BAR AND STRAP SUITABLY WELDED TO THE BAND. THE BAND SHALL ENGAGE AND MESH WITH THE SECOND ANNULER CORRUGATION INWARD FROM THE END OF EACH OF THE CONDUIT SECTIONS JOINED.

GASKETS AND "HUGGER" TYPE BANDS, OR AN APPROVED EQUIVALENT COUPLER, SHALL BE INSTALLED INSTALLED ON ALL 48" AND LARGER METAL PIPES.

"HUGGER" COUPLER BANDS

STANDARD COUPLER BANDS								
	CORRUGATED							
CULVERT SIZE INCHES	STD. ANNULAR		HELICAL		3" X 1"		6" X 1"	
	WIDTH	NO. OF BOLTS	WIDTH	NO. OF BOLTS	WIDTH	NO. OF BOLTS	WIDTH	NO. OF BOLTS
UNDER 18	7	2	7	2				
18 TO 54	12	3	12	3	14	3	18	3
OVER 54	24	5	24	5	24	5	24	4

DATA IN THIS BLOCK DOES NOT APPLY TO PERFORATED PIPE UNDERDRAIN.
FOR BANDS WITH "PUNCH-OUT" TYPE CONNECTIONS, 2 BOLTS ARE PERMISSIBLE FOR EACH LAP. BANDS SHALL LAP 1/2 WIDTH ONTO EACH SECTION OF PIPE AND MUST FULLY ENCIRCLE THE JOINT FORMING A NEARLY WATERTIGHT CONNECTION.

Ⓐ BANDS WITH ANGLES
Ⓑ BANDS WITH TENSION TYPE CONNECTIONS

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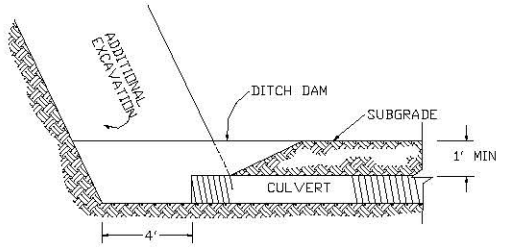
CULVERT INSTALLATION DETAILS



CATCH BASIN

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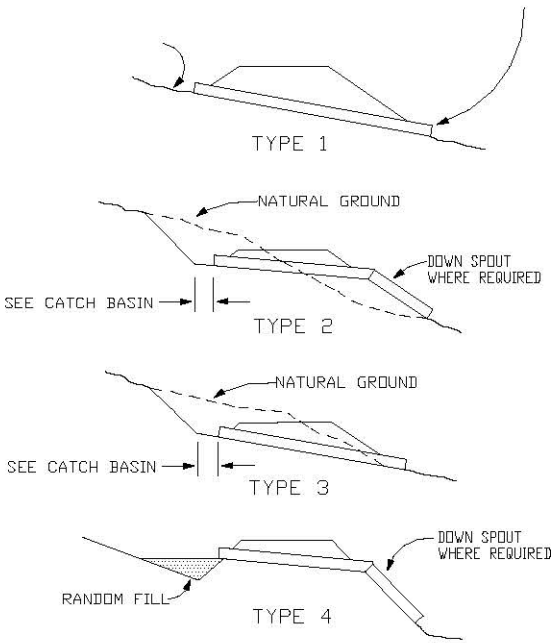

CULVERT INSTALLATION TYPES

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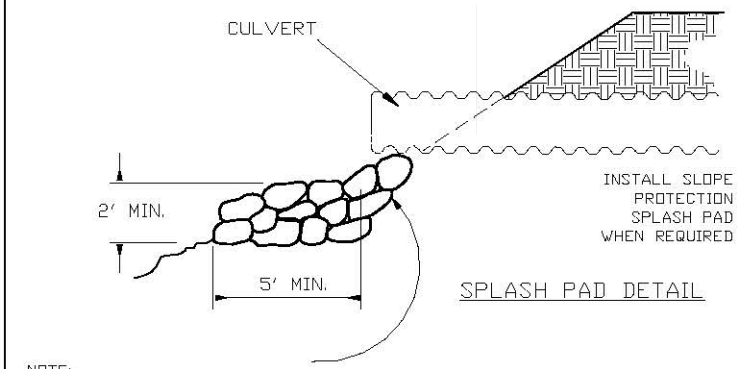
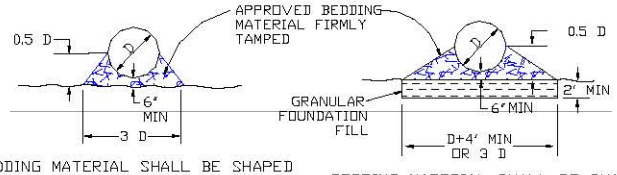


SPLASH PAD DETAIL

NOTE:

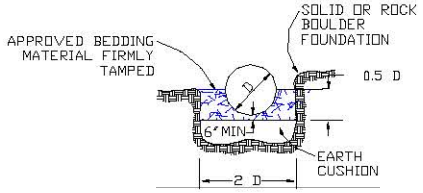
1. PLACE ROCKS UNDER THE OUTLET
2. SPLASH PAD WIDTH SHALL MEET OR EXCEED CULVERT DIAMETER

not to scale



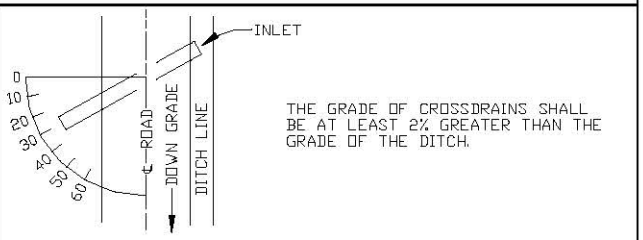
BEDDING OF CULVERTS

not to scale



BEDDING MATERIAL SHALL BE SHAPED TO FIT THE BOTTOM OF THE CULVERT. EARTH CUSHIONING OF SILTY CLAY LOAM OR SAND MAY BE USED IF MATERIAL CAN BE PLACED IN THE DRY CONDITION. IF THE EXCAVATION IS WET, USE GRANULAR FOUNDATION FILL MATERIAL. MAINTAIN 8" MIN. DEPTH BETWEEN HIGH POINTS OF ROCKS AND/OR BOULDERS AND THE BOTTOM OF THE CULVERT.

BEDDING OF CULVERT IN SOLID ROCK OR BOULDER FOUNDATION



SKEW DIAGRAM

THE GRADE OF CROSSDRAINS SHALL BE AT LEAST 2% GREATER THAN THE GRADE OF THE DITCH.

ALWAYS THINK SAFETY

not to scale

ROCK VOLUMES TOTALS

ROAD SEGMENT:		3N-2-17.0		MILEAGE:		0.000 to 0.831	
Application	Rock Size and Type	Location	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	1-1/2"-0"	Spot Rock	---	---	---	---	30

ROAD SEGMENT:		3N-3-3.0		MILEAGE:		0.000 to 1.495	
Application	Rock Size and Type	Location/Number	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	Pit-Run	Spot Rock	---	---	---	---	350
Fill Armor Outlet	RipRap: Class 3	Mi. 0.799 & 1.121	---	---	---	---	10

ROAD SEGMENT:		3N-3-3.5		MILEAGE:		0.000 to 0.320	
Application	Rock Size and Type	Location/Number	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	Pit-Run	Spot Rock	---	---	---	---	50

ROAD SEGMENT:		3N-3-11.0		MILEAGE:		0.000 to 0.417	
Application	Rock Size and Type	Location	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	Pit-Run	Spot Rock	---	---	---	---	50

ROAD SEGMENT:		3N-3-13.0		MILEAGE:		0.000 to 1.942	
Application	Rock Size and Type	Location/Number	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	Pit-Run	Spot Rock	---	---	---	---	80

ROAD SEGMENT:		3N-3-13.1		MILEAGE:		0.000 to 0.275	
Application	Rock Size and Type	Location	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	1-1/2"-0"	Spot Rock	---	---	---	---	20

ROCK VOLUMES TOTALS

ROAD SEGMENT:		3N-3-13.7		MILEAGE:	0.000 to 0.637		
Application	Rock Size and Type	Location/Number	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	Pit-Run	Spot Rock	---	---	---	---	40
Road Rock	1-1/2"-0"	Spot Rock	---	---	---	---	10

ROAD SEGMENT:		3N-3-14.0		MILEAGE:	0.000 to 1.471		
Application	Rock Size and Type	Location	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	Pit-Run	Spot Rock	---	---	---	---	100

ROAD SEGMENT:		3N-3-14.1		STATION:	0+00 to 24+14		
Application	Rock Size and Type	Location/Number	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	Pit-Run	Spot Rock	---	---	---	---	140
Culverts	Pit-Run	Base/Backfill	---	---	---	---	30
Road Rock: Turnaround	Pit-Run	22+35	8"	---	30	---	30
Road Rock	Pit-Run	Sta. 5+88 - 6+66	12"	72	56	---	56
Road Rock	Pit-Run	Sta. 14+05 - 17+25	8"	40	128	2	130
Culverts	1-1/2"-0"	Bedding/Backfill	---	---	---	---	20
Fill Armor Outlet	RipRap: Class 5	Sta. 6+35	---	---	---	---	10
Fill Armor Inlet	RipRap: Class 5	Sta. 6+35	---	---	---	---	10

ROAD SEGMENT:		4N-3-34.2		MILEAGE:	0.000 to 0.746		
Application	Rock Size and Type	Location	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals

ROCK VOLUMES TOTALS

ROAD SEGMENT:		Pisgah LO/Gunners MnLn		MILEAGE:	0.000 to 3.200		
Application	Rock Size and Type	Location	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	1-1/2"-0"	Spot Rock	---	---	---	---	80

ROAD SEGMENT:		Pisgah Home/Baconna		MILEAGE:	0.000 to 2.300		
Application	Rock Size and Type	Location/Number	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	1-1/2"-0"	Spot Rock	---	---	---	---	50

ROAD SEGMENT:		Spur B		MILEAGE:	0.000 to 0.083		
Application	Rock Size and Type	Location/Number	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	Pit-Run	Spot Rock	---	---	---	---	20

ROAD SEGMENT:		Spur C		MILEAGE:	0+00 to 6+09		
Application	Rock Size and Type	Location/Number	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	Pit-Run	Sta. 0+00 - 0+90	12"	101	91	(included)	91

ROAD SEGMENT:		Spur D		STATION:	0+00 to 26+58		
Application	Rock Size and Type	Location/Number	Compacted Depth	Volume per Station/Item (CY)	Approx. Total (CY)	Curve Widening (CY)	Summary Totals
Road Rock	Pit-Run	Spot Rock	---	---	---	---	20