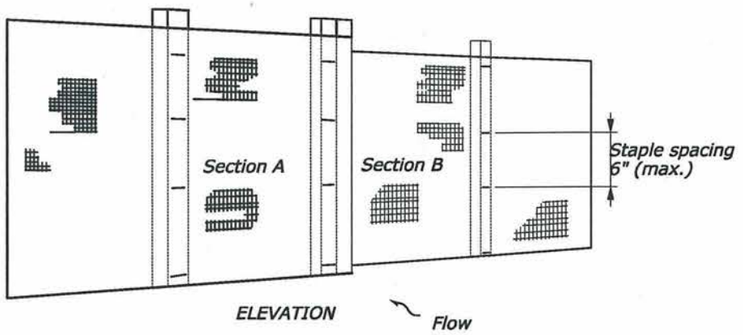
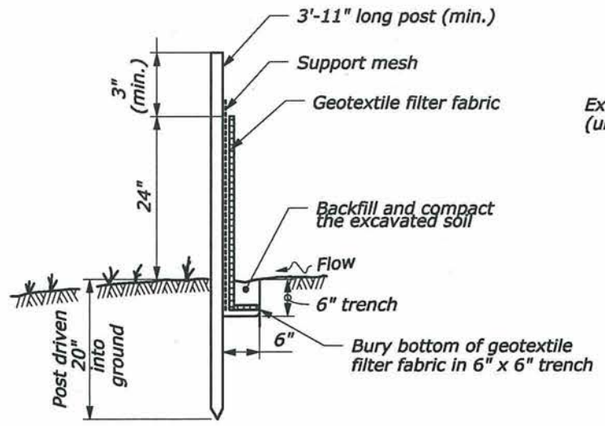
STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(7)	E13	E17



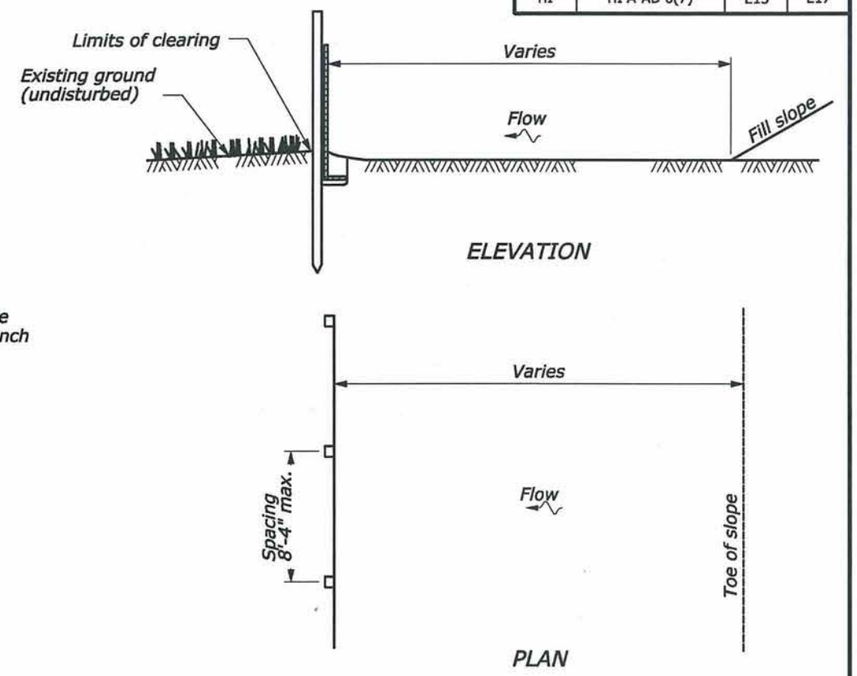
JOINING TWO ADJACENT SILT FENCE SECTIONS



POST AND FABRIC INSTALLATION DETAIL

NOTE:

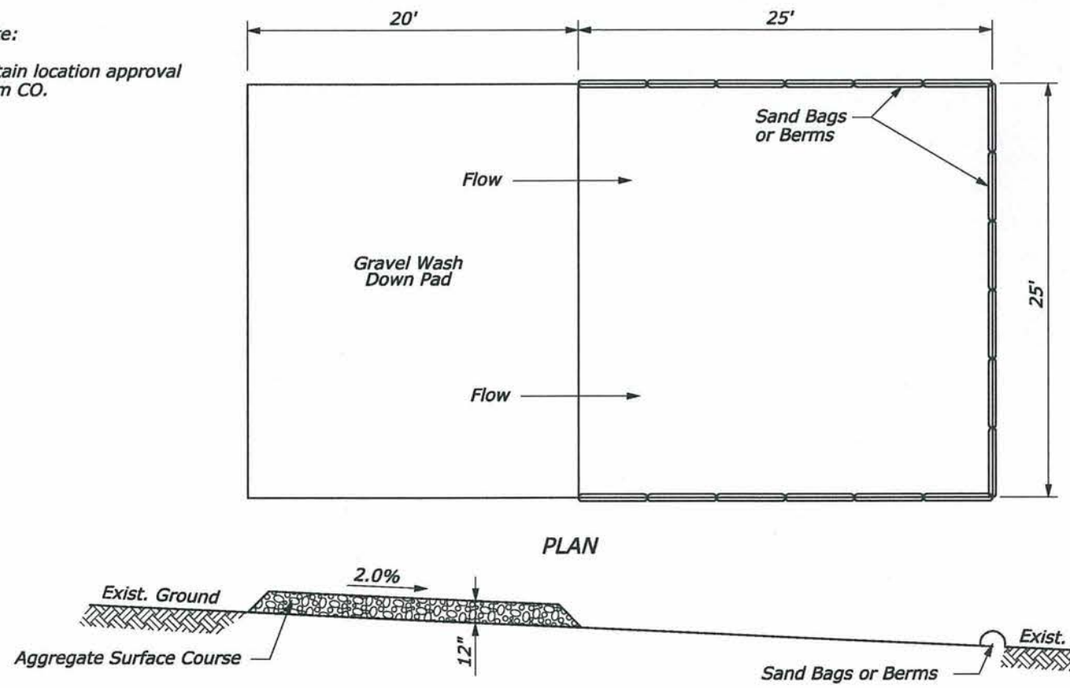
1. The filter fabric shall be a minimum of 36 inches wide.
2. If silt fence is obtained from manufacturer as a package (i.e. fabric attached to post) the manufacturer's installation instruction shall be adhered to.
3. Fence stakes may be wood or metal, must be capable of supporting anticipated loads.



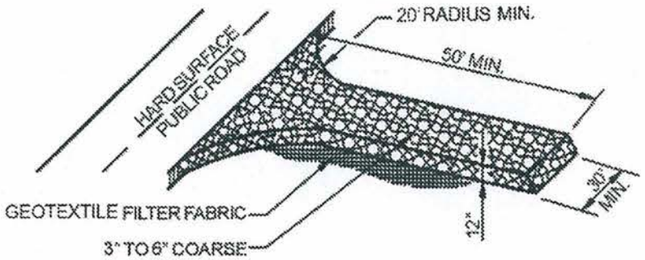
SILT FENCE INSTALLATION AT TOE OF FILL

Note:

Obtain location approval from CO.



WASH DOWN DETAIL



STABILIZED CONSTRUCTION ENTRANCE

NTS

AS-BUILT DRAWINGS/SPECIFICATIONS
This certifies that the dimensions and details shown on this sheet reflect the dimensions and details and specifica
as constructed in the field.
GOODFELLOW BROS., INC.
Contractor's Name:
Signature
1/2/14
Date

WENDY G. McLAIN
LICENSED PROFESSIONAL ENGINEER
No. 11328-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

NO SCALE

SIGNATURE
4/30/2012
EXPIRATION DATE OF THE LICENSE

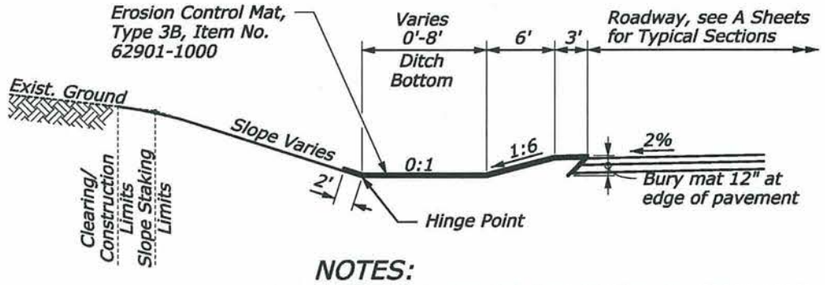
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY SPECIAL

SILT FENCE, WASH DOWN, AND CONSTRUCTION ENTRANCE

SPECIAL
157-A

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(7)	E14	E17



NOTES:

1. Use Erosion Control Mat, Type 3B (Item No, 62901-1000) to line foreslope from Edge of Road, Ditch Bottom, and a portion of the Backslope
2. Place Mat in all ditches.

EROSION CONTROL MAT PLACEMENT IN DITCH BOTTOM

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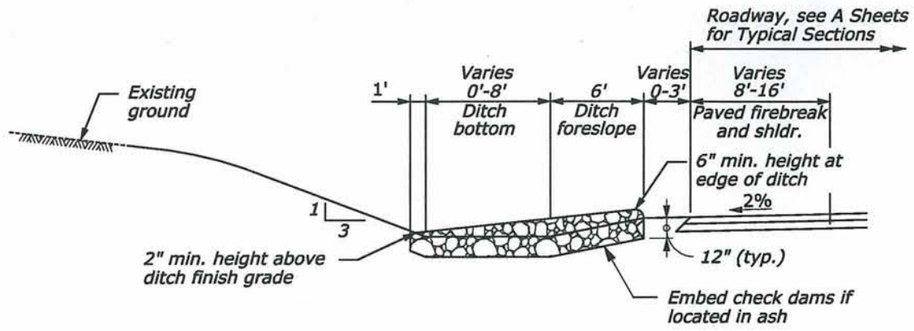
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY SPECIAL

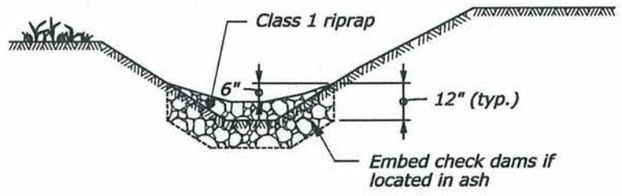
EROSION CONTROL MAT DETAIL

SPECIAL
157-B

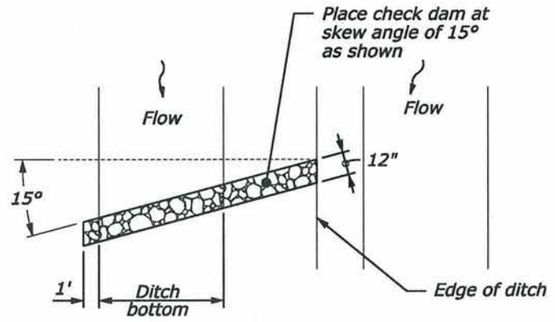
STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(7)	E15	E17



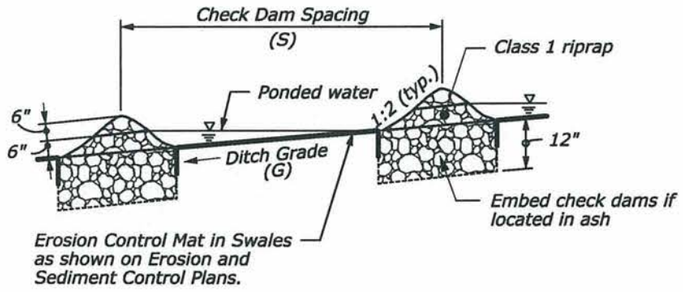
DITCH - CROSS SECTION



SWALE - CROSS SECTION

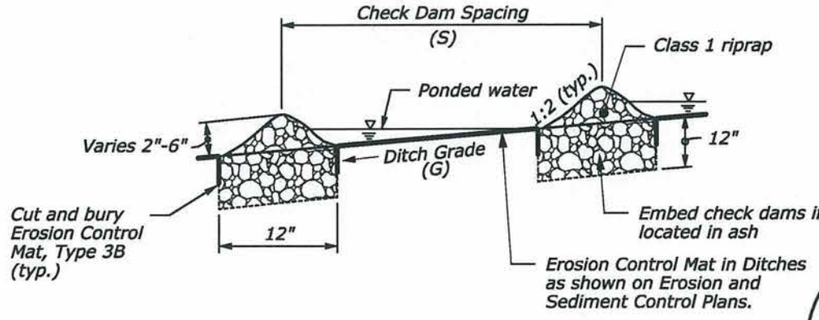


DITCH - PLAN



SWALE - PROFILE VIEW

SWALE



DITCH - PROFILE VIEW

DITCH

RIPRAP CHECK DAM

RIPRAP CHECK DAM SPACING

DITCH GRADE (G)	CHECK DAM SPACING (S) max. (ft)
3%-4%	40
4%-5%	30
>5%	25

NOTE:

1. Repair all rills or gullies prior to installation.
2. Place Check Dams in Swales perpendicular to the flowline as shown on plans.
3. Place Check Dams in Ditches with longitudinal slopes 3% or greater.

AS-BUILT DRAWINGS/SPECIFICATIONS
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Contractor's Name:
Signature 4/2/14 Date

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CENTRAL FEDERAL LANDS HIGHWAY DIVISION

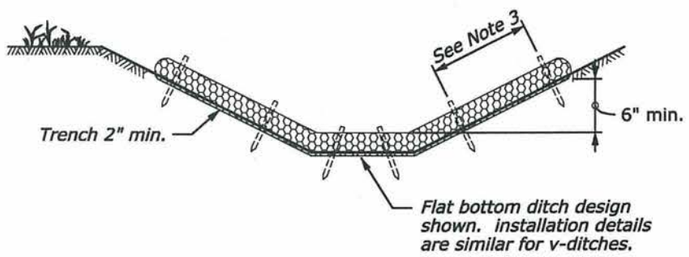
U.S. CUSTOMARY SPECIAL

RIPRAP CHECK DAM

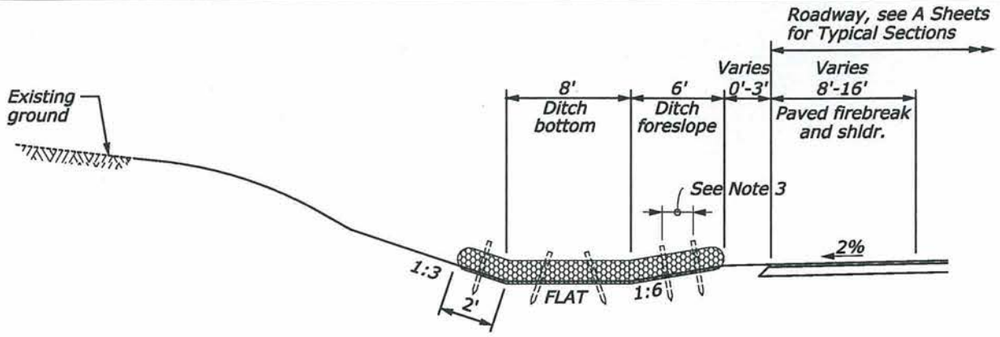
DETAIL APPROVED FOR USE 01/2011

SPECIAL 157-C

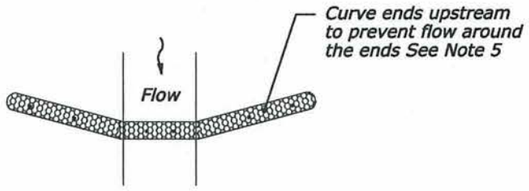
STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(7)	E16	E17



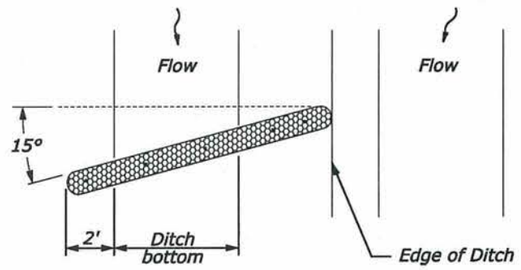
SWALE - CROSS SECTION



DITCH - CROSS SECTION



SWALE - PLAN



DITCH - PLAN

NOTE:

1. Repair all rills or gullies prior to installation.
2. Place sediment log in offsite swales perpendicular to the flowline, as shown on plans.
3. Stake sediment logs in place with 1 1/8" X 1 1/8" wood stakes. Drive stakes at each end of the sediment log and at 2' (max) spacing.
4. Drive stakes into undisturbed soil of trench bottom 16" (min). Expose stakes 2" (min.) above top of log.
5. Provide sufficient length to prevent water from flowing around the ends of the sediment log.
6. Place sediment logs in continuous contact with trench bottom and sides. Tamp soil backfill against upstream side of logs to ensure storm water is forced to flow through log rather than under it.
7. Install and maintain sediment logs according to the manufacturer's recommendations.
8. For culvert and drop inlet sediment barrier: Install sediment logs directly on the ground. Ensure the bottom of the log is in full contact with the ground. Do not trench below the elevation of the inlet.

SWALE

SEDIMENT LOG SPACING*	
DITCH GRADE	SEDIMENT LOG SPACING (S) max. (ft)
<2%	150
2%-3%	75
3%-4%	50
4%-5%	40
5%-6%	30

* Spacing calculated based on 18" Ø min sediment log.
No sediment log > 6%.

DITCH

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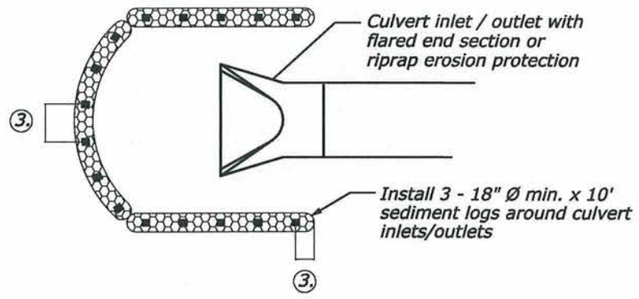
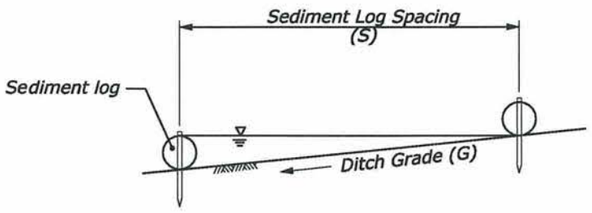
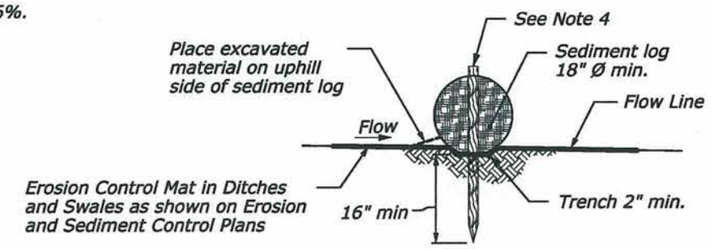


SEDIMENT LOG AT CULVERT INLET/OUTLET



PROFILE VIEW



SEDIMENT LOG STAKING DETAIL

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U.S. CUSTOMARY SPECIAL

SEDIMENT LOG

SEDIMENT LOG IN SWALE AND DITCH

NO SCALE

DETAIL APPROVED FOR USE 01/2011

SPECIAL 157-D