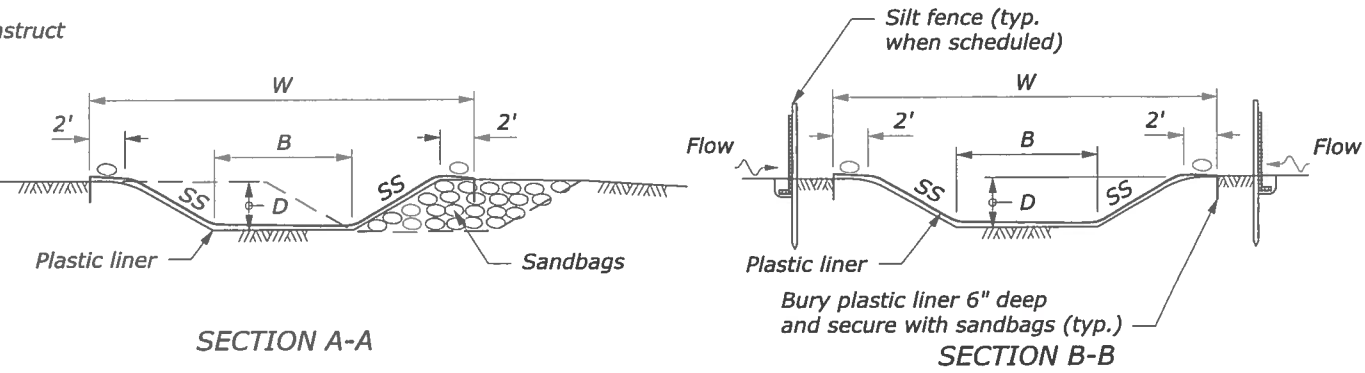
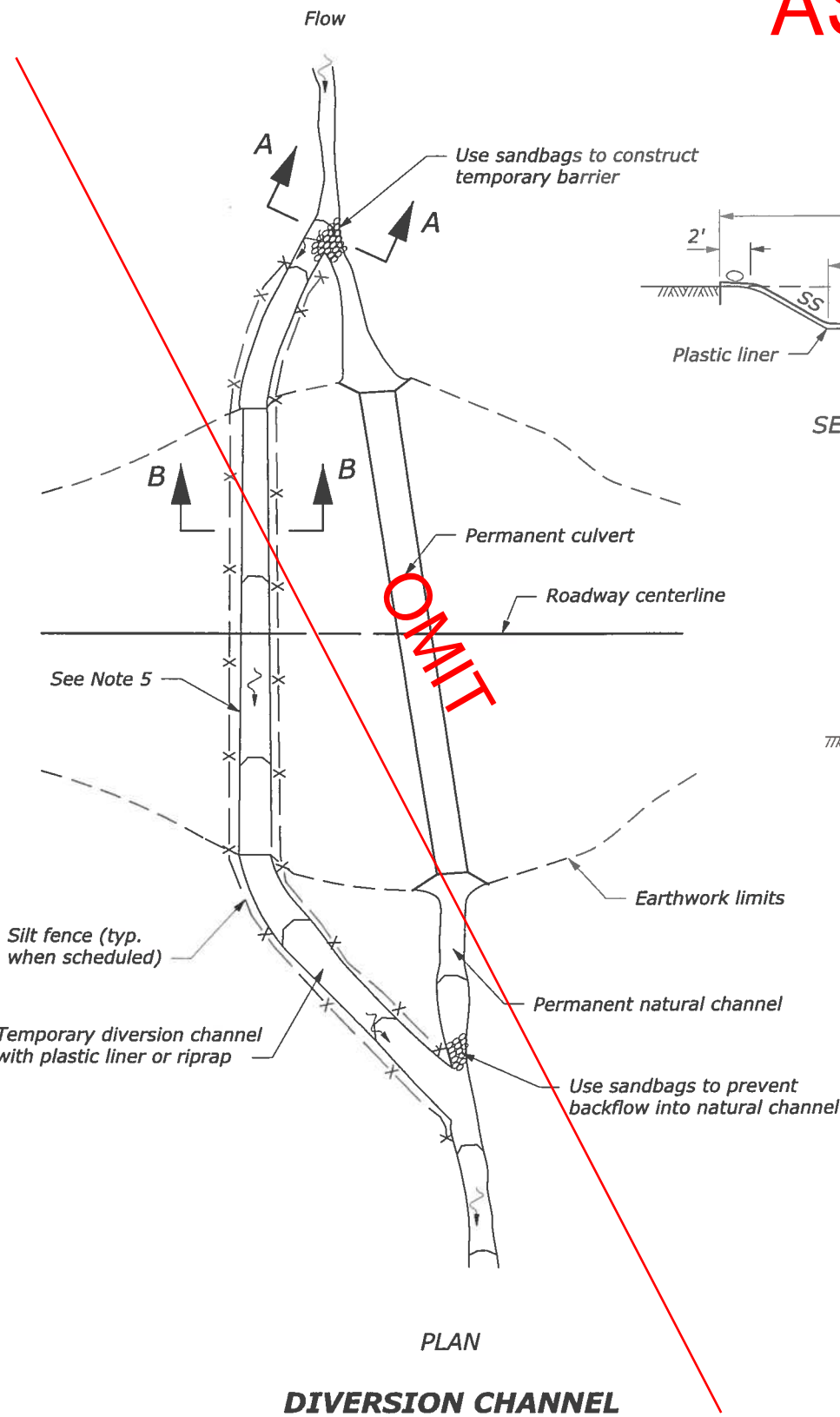


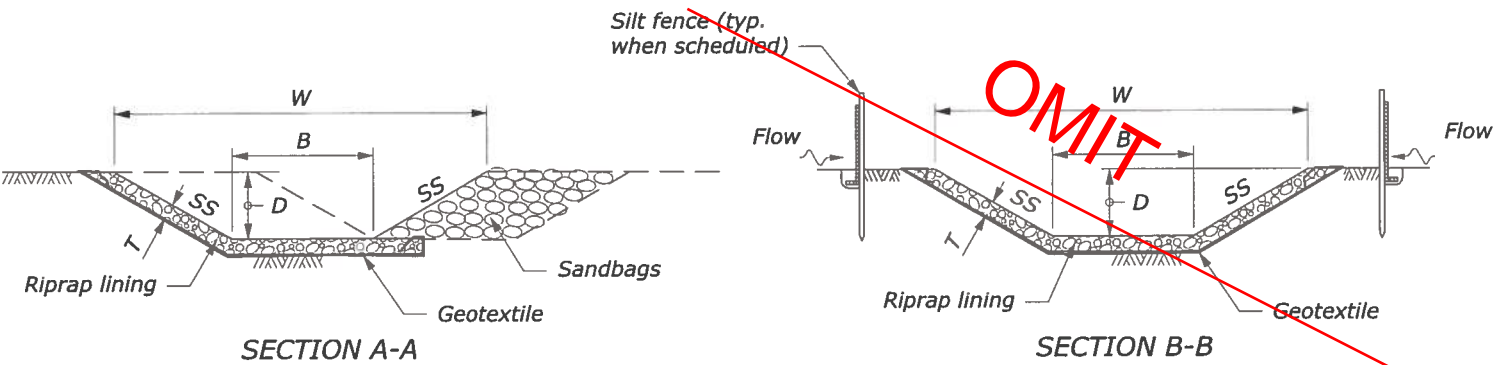
AS-BUILT DRAWINGS

- NOTE:
1. See Erosion Control Section for temporary culvert diameter, riprap class, channel dimensions and quantities.
 2. Use plastic liner or riprap along the entire length and width of the temporary diversion channel.
 3. Construct channel at a minimum grade of 0.5 percent.
 4. Do not construct with longitudinal joints if using a plastic liner. Bury the upstream edge of the liner a minimum of 6" deep and secure with riprap or sandbags.
 5. When specified replace the portion of the diversion channel through the roadway embankment with temporary culvert. Compact temporary culvert backfill using one of the methods listed in Subsection 204.11(a).

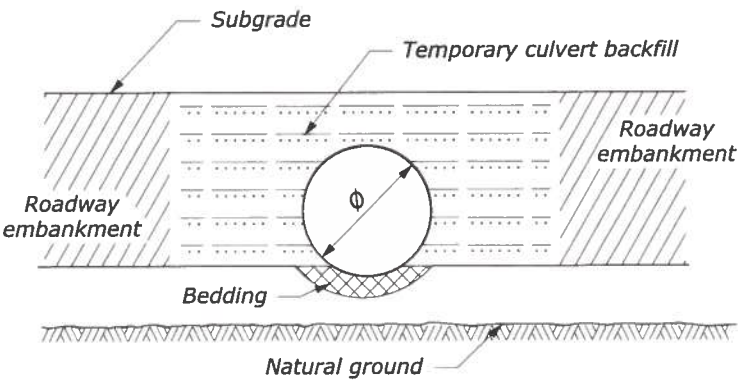
Note: Work was constructed as designed unless otherwise noted.



PLASTIC LINED DIVERSION CHANNEL



RIPRAP LINED DIVERSION CHANNEL



TEMPORARY CULVERT



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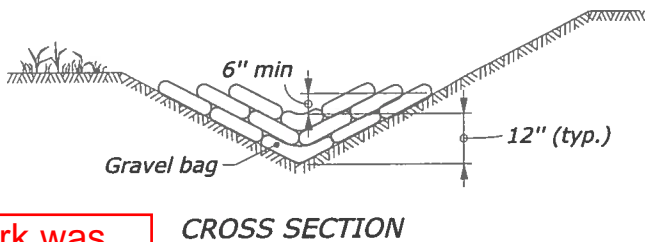
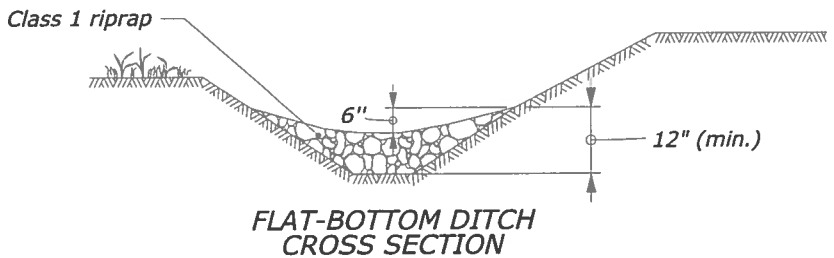
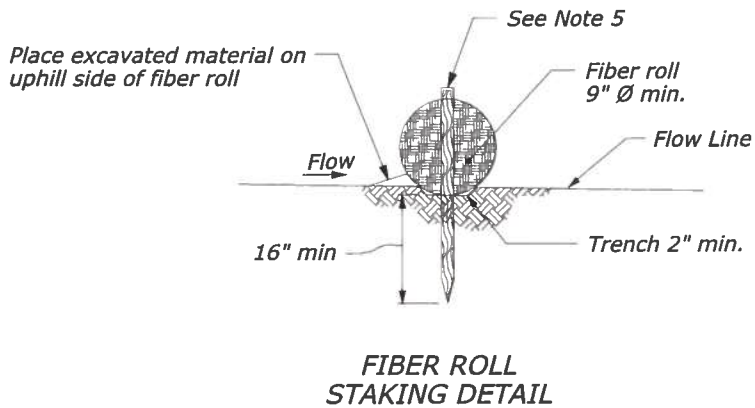
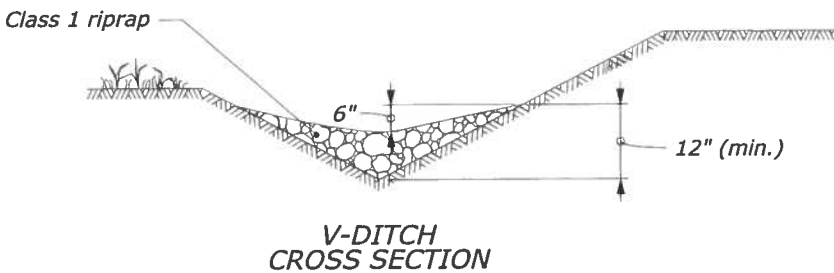
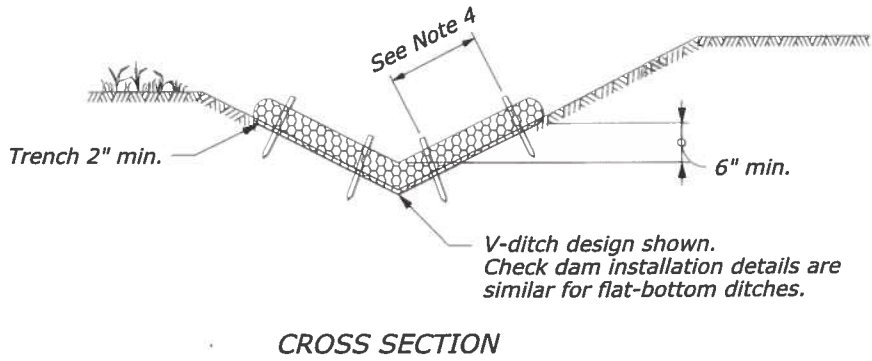
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY OFFICE	
U.S. CUSTOMARY STANDARD	
TEMPORARY DIVERSION CHANNELS	
STANDARD APPROVED FOR USE 6/2005	STANDARD
REVISED: 6/2007 DRAFT: 3/2014	157-5

NO SCALE

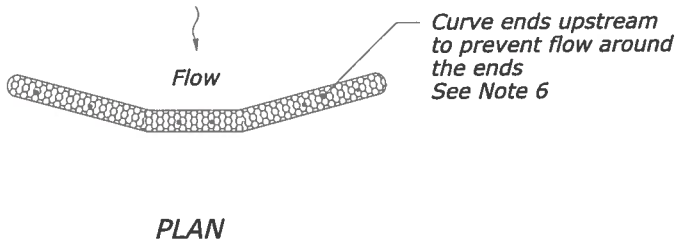
AS-BUILT DRAWINGS

NOTE:

1. Check dams of fiber rolls, riprap, or gravel bags may be used as approved by the CO, to meet the functional requirements of the check dam device.
2. Repair all rills or gullies and properly compact prior to installation.
3. Install check dams in ditches perpendicular to the flowline.
4. Stake fiber rolls in place with 1½" x 1½" wood stakes. Drive stakes at each end of the fiber roll and at 2' (max) spacing.
5. Drive stakes into undisturbed soil of trench bottom 16" (min). Expose stakes 2" (min.) above top of fiber roll.
6. Provide sufficient length to prevent water from flowing around the ends of the fiber roll.
7. Adjust check dam spacing based on site-specific conditions.



Note: Work was constructed as designed unless otherwise noted.



FIBER ROLL CHECK DAM SPACING* (See Note 7)	
DITCH GRADE	CHECK DAM SPACING (max.) (ft)
2%	150
3%	100
4%	80
5%	60

* Spacing calculated based on 9" Ø min sediment log. Do not use sediment log check dams on ditch grades steeper than 5%.

FIBER ROLL CHECK DAM

RIPRAP CHECK DAM SPACING (See Note 7)	
DITCH GRADE	CHECK DAM SPACING (max.) (ft)
2%	150
3%	100
4%	80
5%	60
6%	50

RIPRAP CHECK DAM

GRAVEL BAG CHECK DAM SPACING* (See Note 7)	
DITCH GRADE	CHECK DAM SPACING (max.) (ft)
2%	150
3%	100
4%	80
5%	60
6%	50

* Do not use gravel bag check dams on ditch grades steeper than 6%

GRAVEL BAG CHECK DAM



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NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
CHECK DAM	
DETAIL APPROVED FOR USE 01/2011 REVISED: 08/2014	DETAIL 157-53

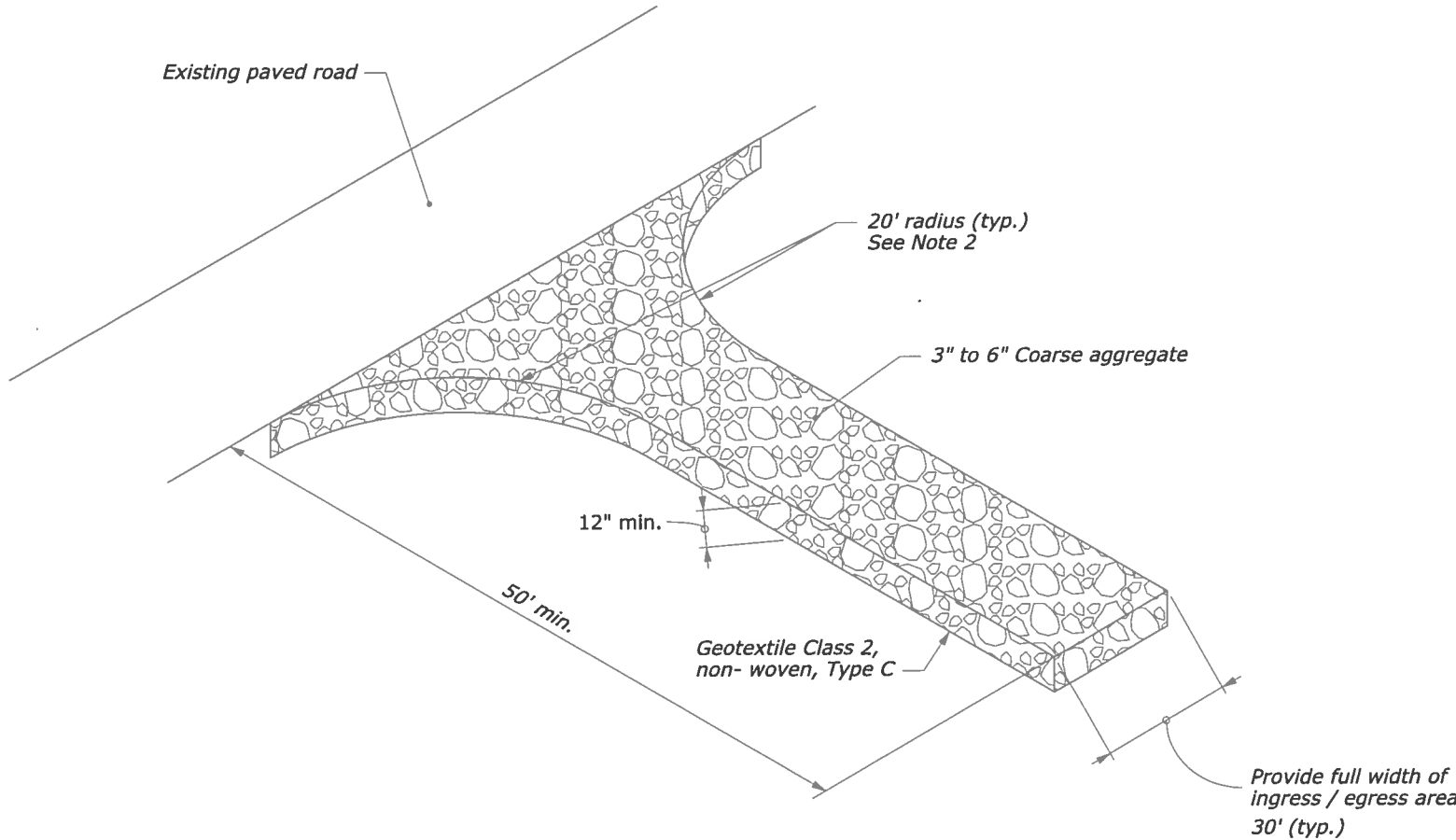
STATE	PROJECT	SHEET NO.
HI	HI STP SR50(2)	E3

AS-BUILT DRAWINGS

NOTES:

1. Construct drainage ditches along entrance as directed by the CO. Provide temporary drainage where entrance crosses existing drainage ditches.
2. Construct radius to allow turning movement of typical truck using exit.
3. Remove build-up of sediment as necessary to reduce tracking onto paved roadway.

Note: Work was constructed as designed unless otherwise noted.



STABILIZED CONSTRUCTION EXIT



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

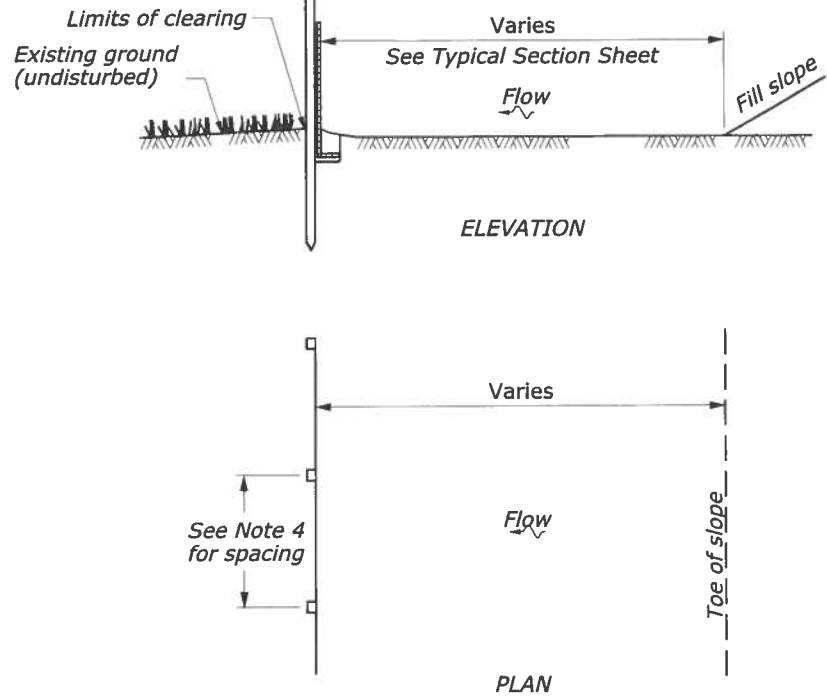
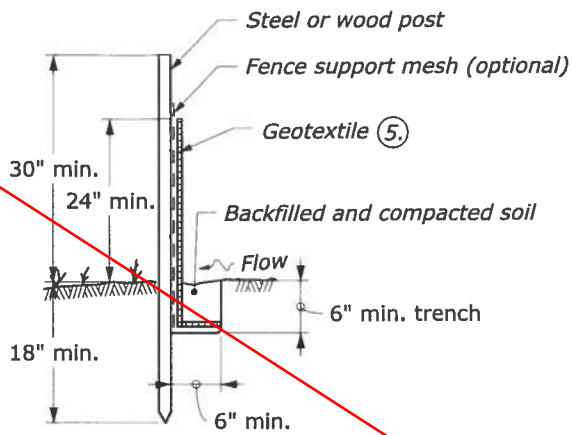
U.S. CUSTOMARY SPECIAL

**STABILIZED
CONSTRUCTION EXIT**

SPECIAL
157-A

AS-BUILT DRAWINGS

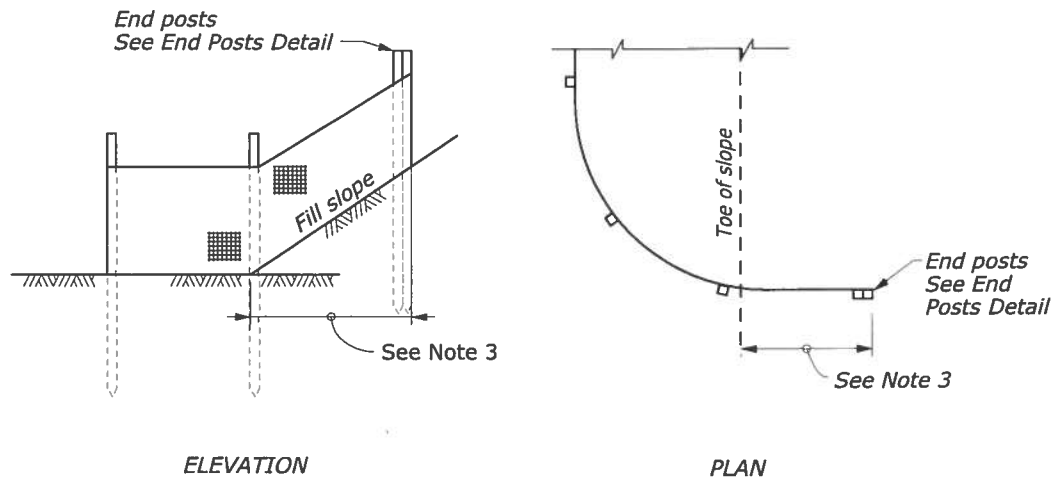
STATE	PROJECT	SHEET NO.
HI	HI STP SR50(2)	E4



NOTE:

1. Silt fence may be installed using machine slicing as approved by the CO. Install machine-sliced silt fence according to the manufacturer's recommendations.
2. Install silt fence to follow the ground contours as closely as possible.
3. As the slope is constructed, curve the silt fence up the slope to prevent water from running around the ends.
4. Post spacing with fence support mesh = 10 ft. (max.)
Post spacing without fence support mesh = 6 ft. (max.)

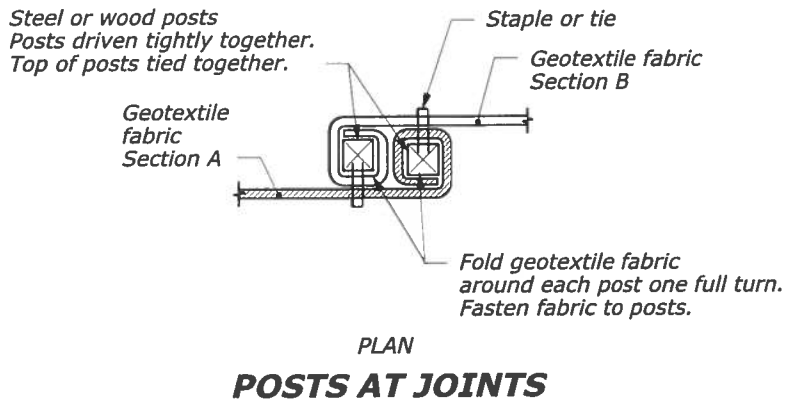
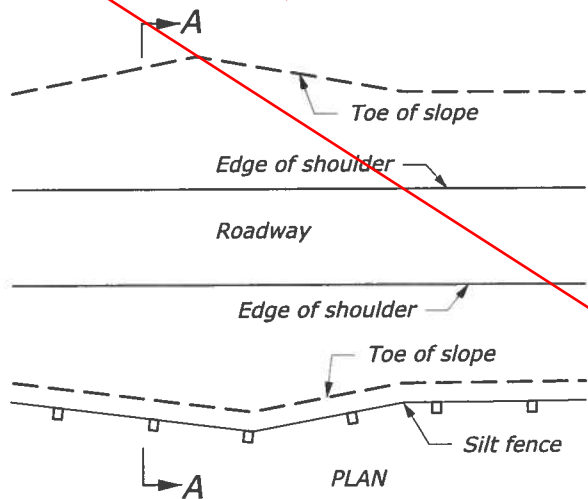
(5) Geotextile shall be Class 2, woven, Type C.



END DETAIL

SILT FENCE INSTALLATION AT TOE OF FILL

OMIT

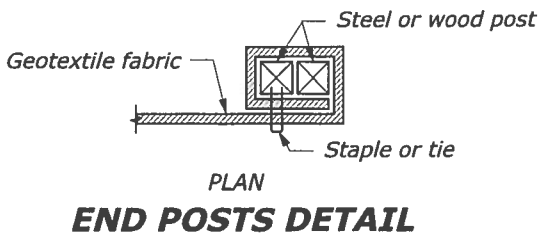


POSTS AT JOINTS

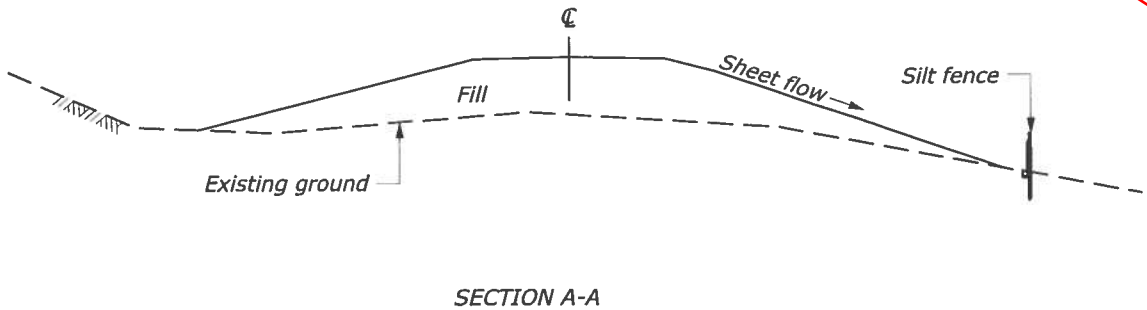
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END POSTS DETAIL



SILT FENCE AS PERIMETER CONTROL

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	SPECIAL 157-B
U.S. CUSTOMARY SPECIAL	
SILT FENCE	