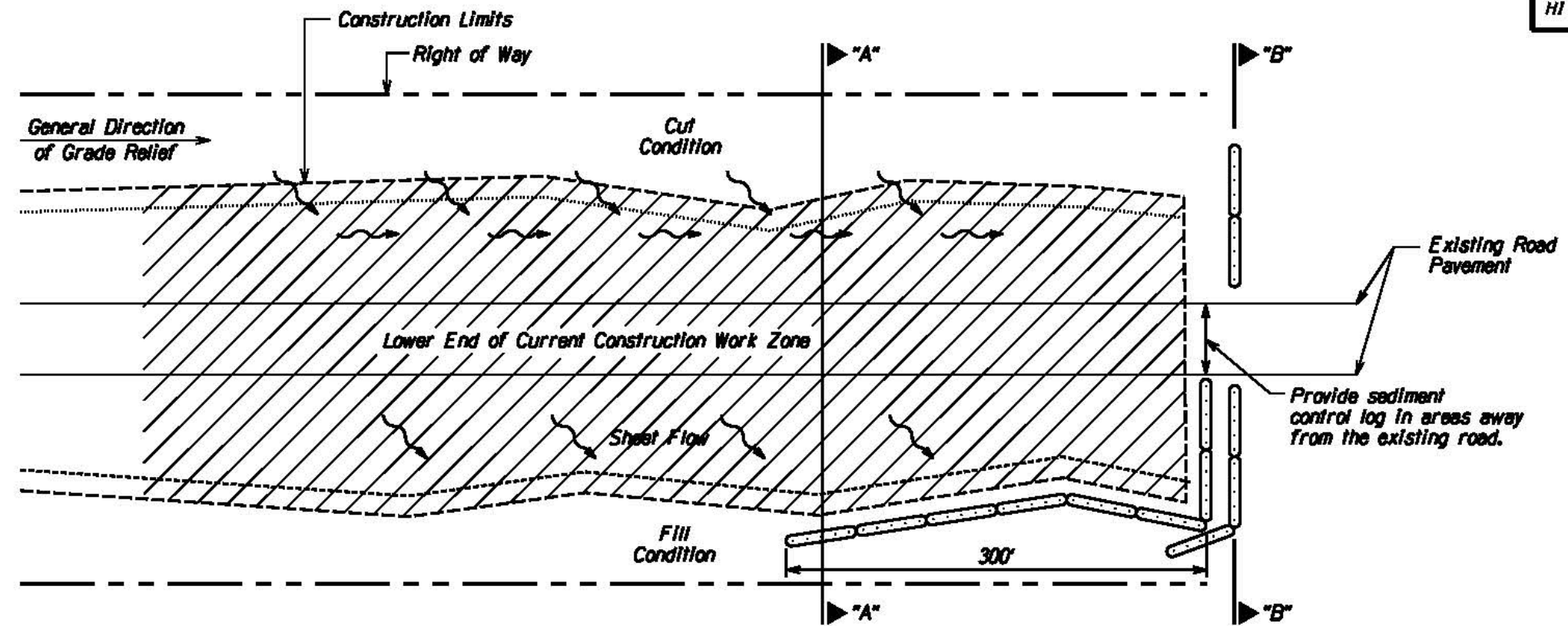


STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	F17	F20



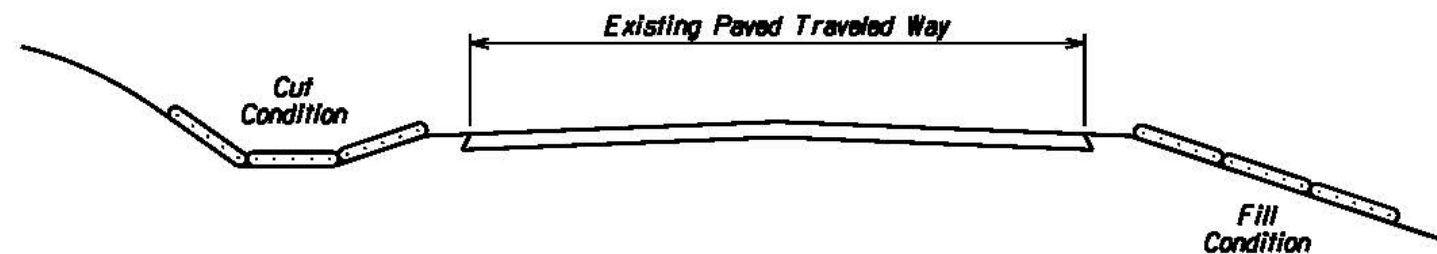
**TYPICAL EROSION CONTROL PLAN
FOR LOWER PART OF
CONSTRUCTION WORK ZONE**

Legend:

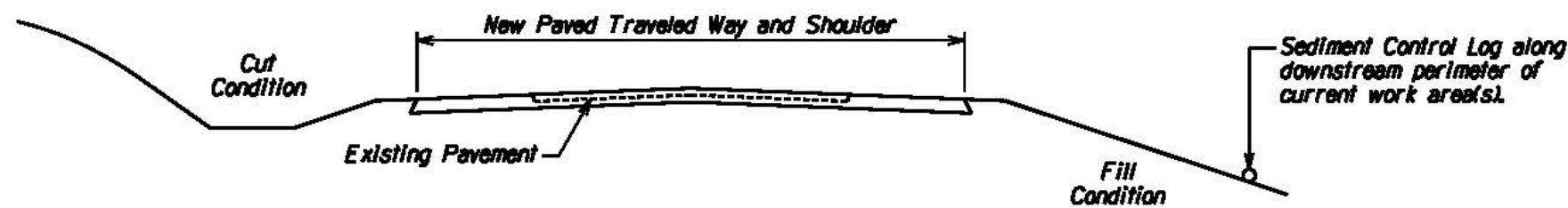
- Construction Limits
- Top of Cut Slope
- Toe of Fill Slope
- Right of Way
- ○ ○ ○ Sediment Control Log (or approved equal)
- /// Lower End of Construction Work Zone

Notes:

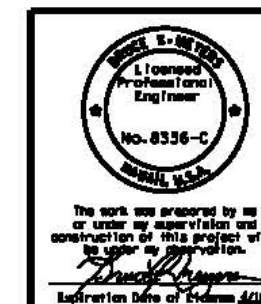
1. Use this erosion control protection detail on lower end of all active construction work zones.
2. Install sediment control log per detail C157-35, along downstream perimeter of current work area(s) or construction-related disturbed areas.



SECTION "B-B"



SECTION "A-A"

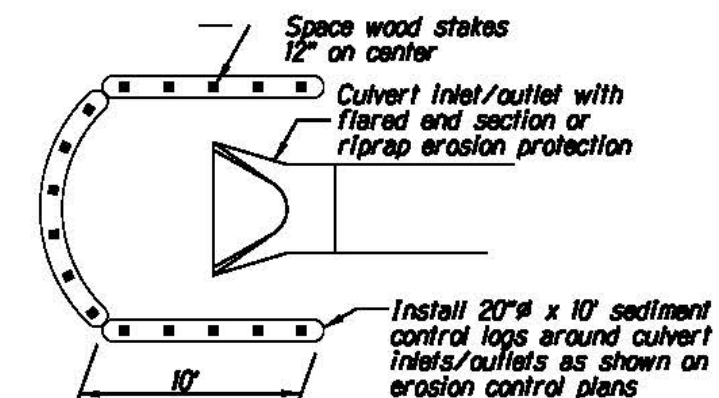


U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
TYPICAL EROSION CONTROL PLAN FOR LOWER CONSTRUCTION WORK ZONE	
Scale: N.T.S.	Date: August 21, 2015
SHEET No. 1 OF 1	

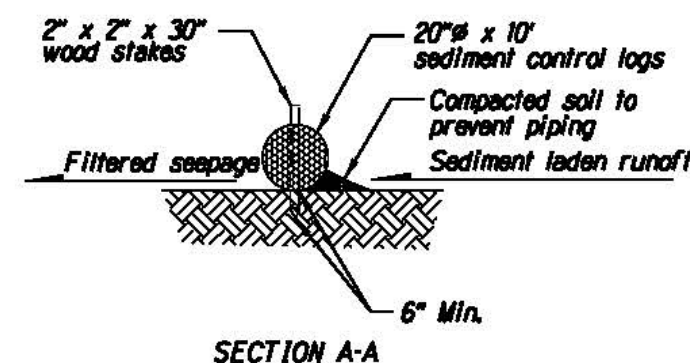
M:\proj\Lenzie\Saddle East 11-6\sheet\stn107.dgn

NOTE:

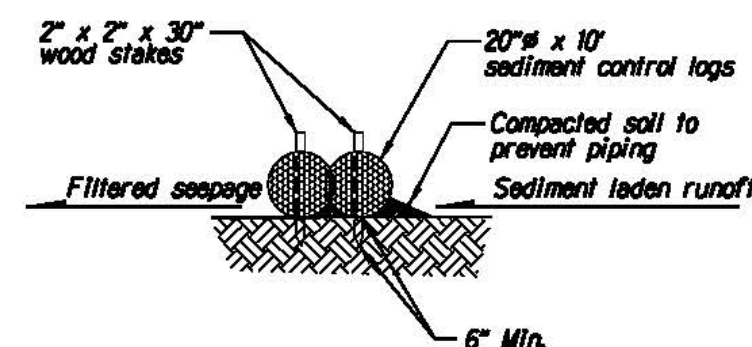
1. Stake sediment logs in place with 2"x2"x30" wood stakes space no less than 24" apart unless otherwise noted. Drive stakes into ground a minimum of 6".
2. Install sediment control logs directly on ground making sure bottom of log is in full contact with ground. Tamp soil backfill against upstream side of log to assure storm water is forced flow through log rather than under it.
3. Sediment control logs can be spaced every 100' in ditches with slopes > 5% when two logs are placed directly next to each other as shown Alternate Section A-A.
4. Contractor shall remove sediment control logs by hand.



CULVERT INLET/OUTLET SEDIMENT BARRIER



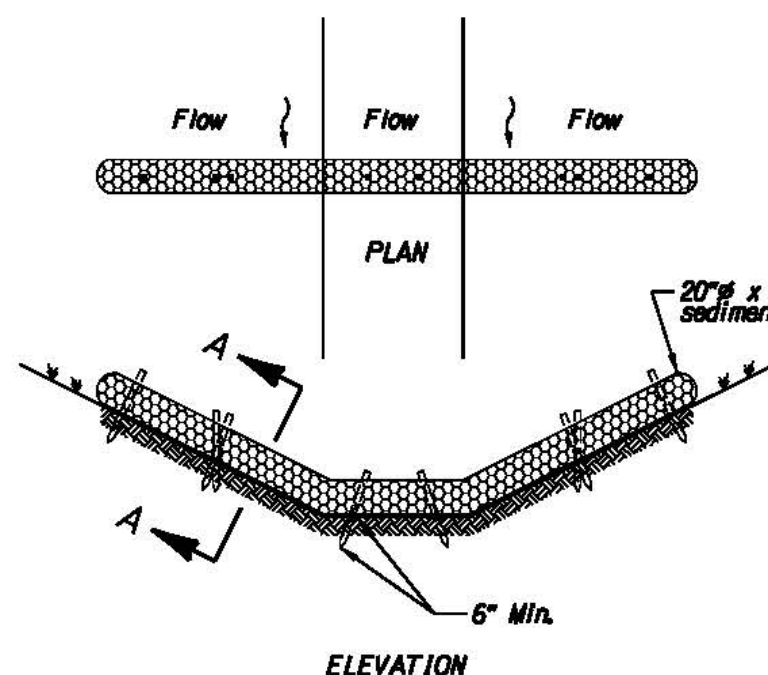
SECTION A-A



ALTERNATE SECTION A-A

SEDIMENT CONTROL LOG SPACING IN DITCHES

Ditch grade	Spacing (feet)
0 - 5%	100
> 5%	50 (3)



INSTALLATION OF SEDIMENT CONTROL LOG IN DITCH AS CHECK DAM

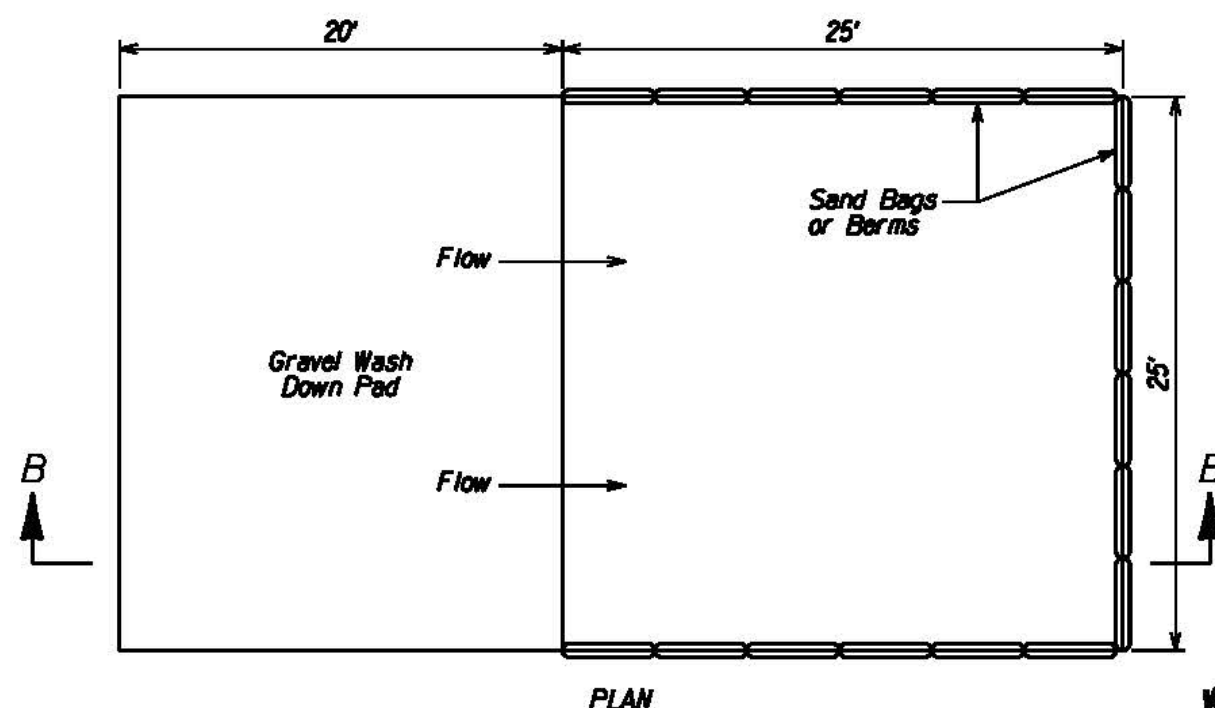
RIPRAP CHECK DAM

RIPRAP CHECK DAM SPACING

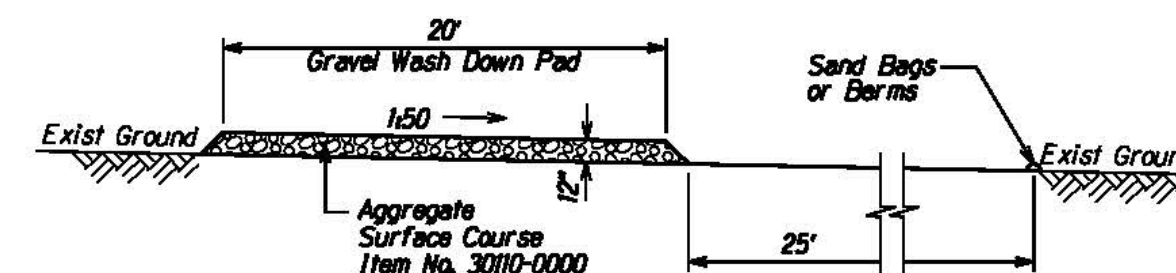
Ditch grade	Spacing (max.) (feet)
2%	150
3%	100
4%	80
5%	60
6%	50

NOTE:

1. Repair all rills or gullies and properly compact prior to installation.
2. Install riprap check dam at a 15° angle from normal to the roadway centerline, with the hinge point at the edge of the future roadway, rotating downstream.
3. Embed riprap 12" below the bottom of the ditch and place riprap such that the limits extend from one foot up the backslope to the edge of the future roadway.



WASH DOWN DETAIL



SECTION B-B ELEVATION

Notes:
Obtain location approval from CO.



The work was prepared by me or under my supervision and construction of this project will be under my supervision.
Signature: David S. M.
Expiration Date of License: 2018

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

SPECIAL C157-35/C157-6 SEDIMENT CONTROL LOGS & WASH DOWN DETAIL

Scale: N.T.S.

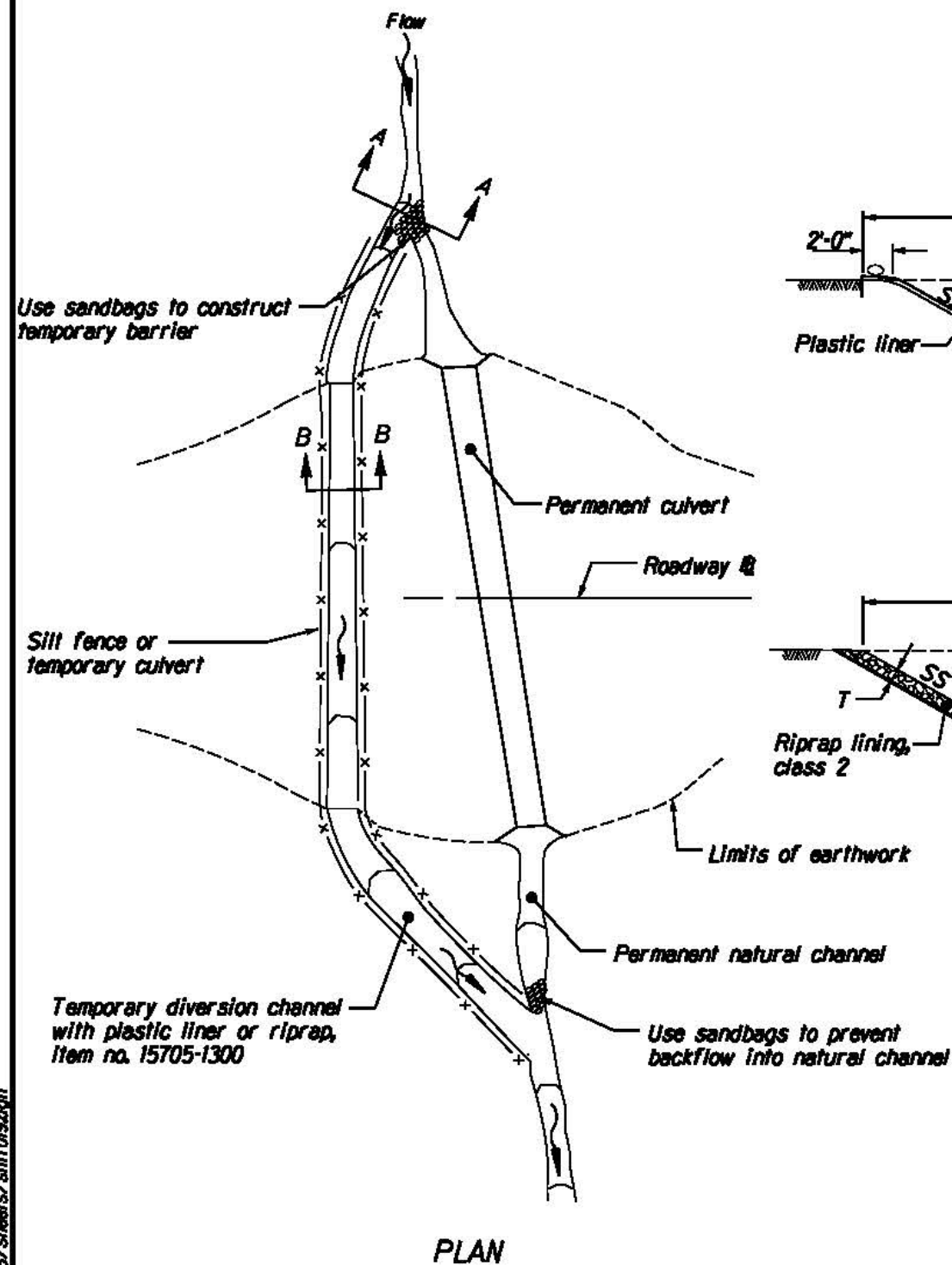
Date: August 21, 2015

SHEET No. 1 OF 1

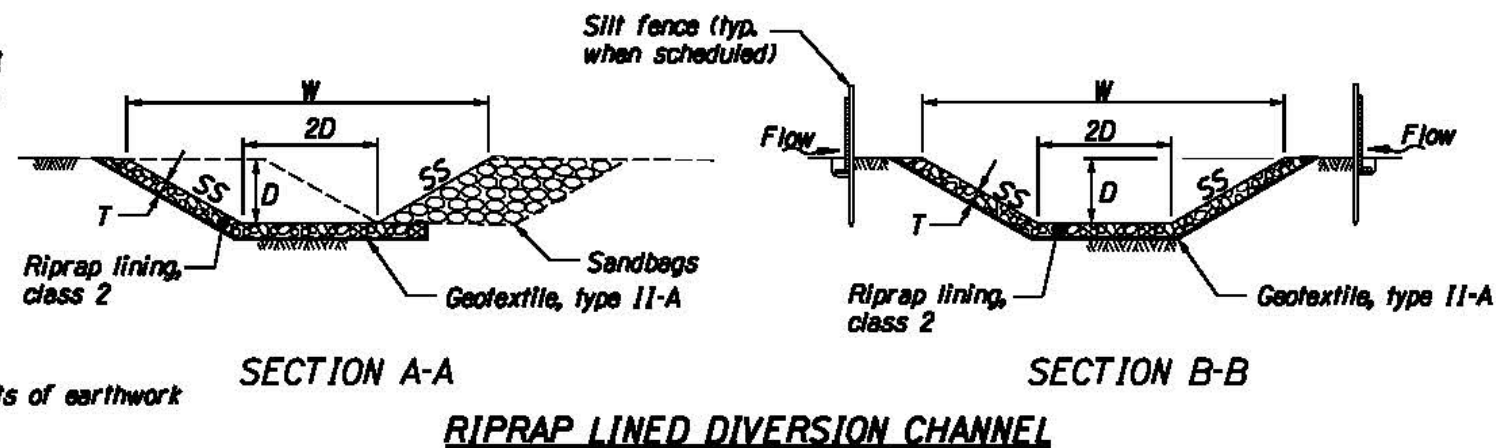
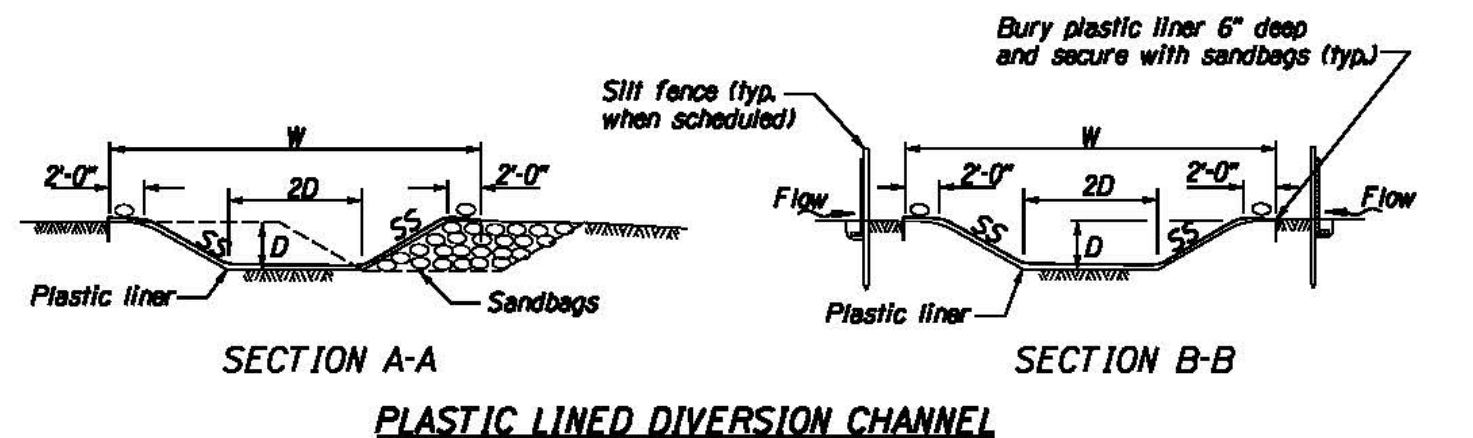
STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	F19	F20

NOTE:

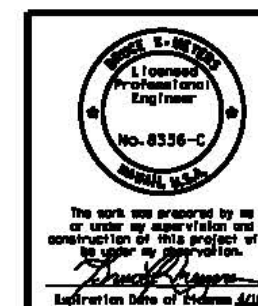
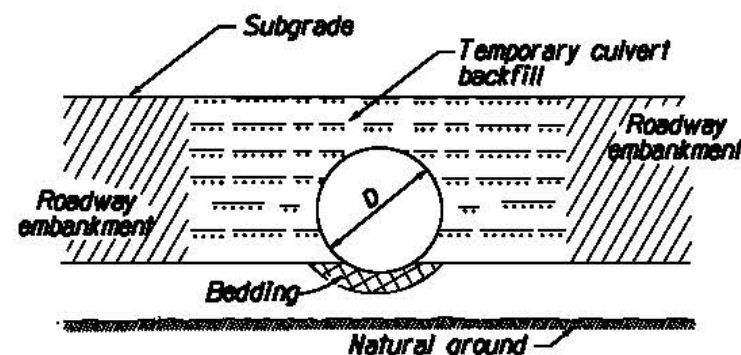
1. Use plastic liner or riprap along the entire length and width of the temporary diversion channel.
2. Construct channel at a minimum grade of 0.5 percent.
3. Do not construct with longitudinal joints if using a plastic liner. Bury the upstream edge of the liner a minimum of 6 inches deep and secure with riprap or sandbags.
4. Compact temporary culvert backfill using one of the methods listed in specification 204J(k).
5. Plastic liner shall conform to section 725J9 of the specifications.



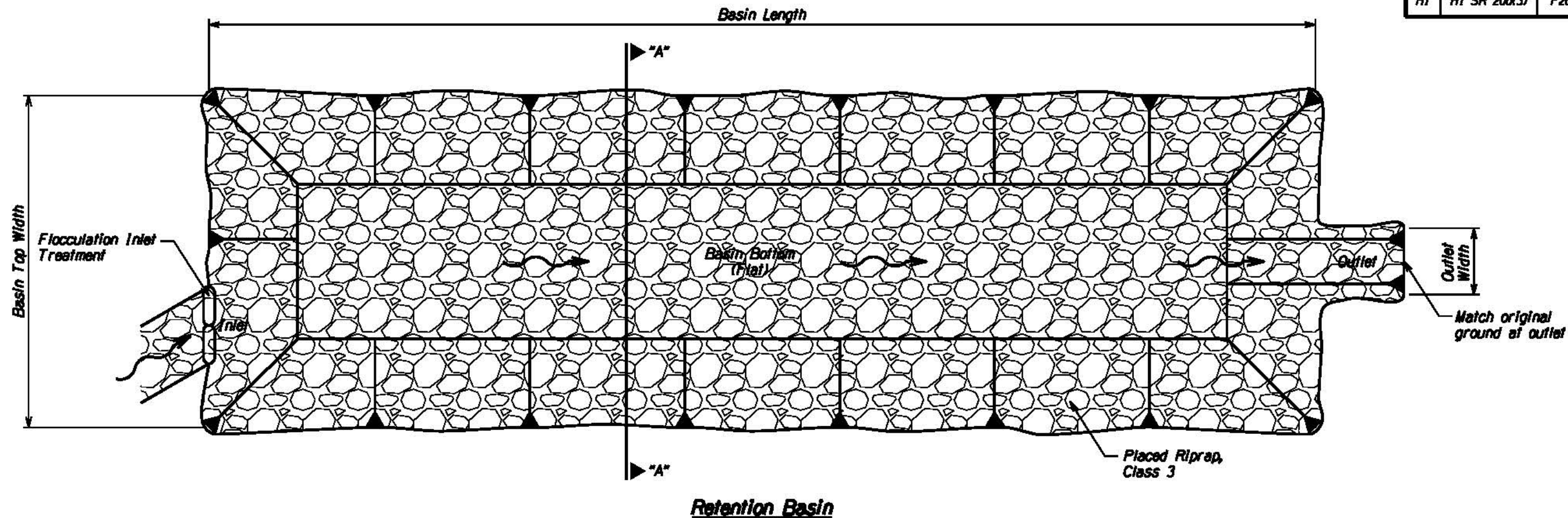
DIVERSION CHANNEL
(Item No. 15705-1300)



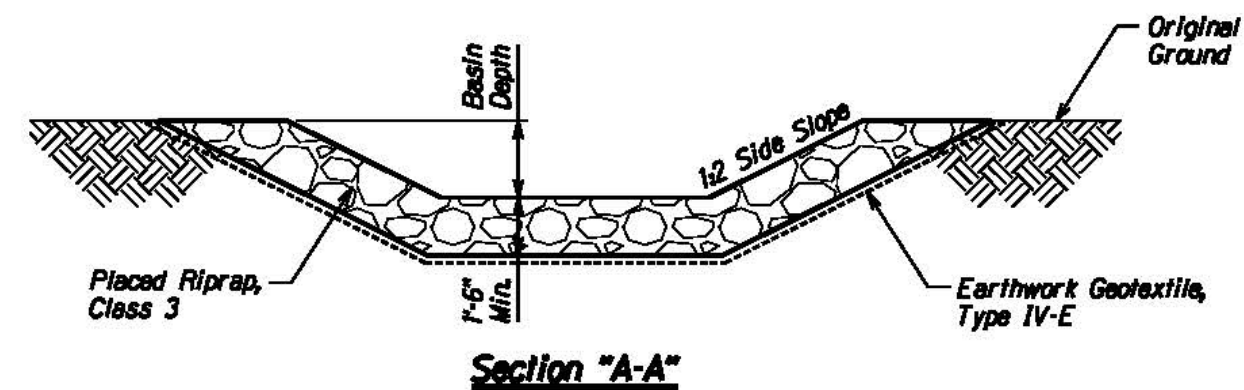
SS = 2:1 maximum slope
D = size of temporary pipe
W = width of temporary channel, varies
T = thickness of riprap, class 2 (12")



STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	F20	F20



Retention Basin No.	Basin Location (Top Sta.)	Basin Top Width (feet)	Basin Length (feet)	Basin Depth (feet)	Basin Outlet Width (feet)
1	1733+27 R	13	45	2	2
2	1740+28 R	14	44	2	2
3	1741+58 L	27	84	2	6
4	1747+50 L	17	53	2	3
5	1749+40 R	15	49	2	2
6	1765+84 L	27	82	2	6
7	1766+11 R	17	55	2	3
8	1769+87 R	10	38	2	1
9	1775+18 R	15	45	2	2
10	1780+00 L	14	47	2	2
11	1793+30 R	24	72	2	5
12	1810+14 R	15	49	2	2
13	1810+28 L	21	118	2	4
14	1824+89 R	7	23	1	1
15	1826+57 L	15	147	2	2
16	1840+25 L	18	55	2	3
17	1842+00 R	11	33	2	1
18	1845+45 L	12	43	2	1



The work was prepared by me or under my supervision and construction of this project will be under my supervision.

David S. M.
Expiration Date of License 2016.

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

**RIPRAP LINED
RETENTION BASIN DETAILS**

Scale: N.T.S. Date: August 21, 2015

SHEET No. 1 OF 1

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