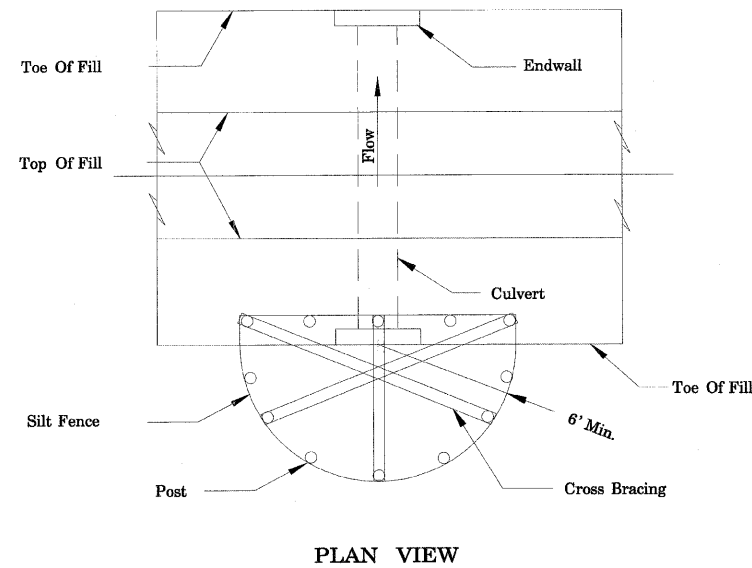


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) 1-12	WILL	147	49
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CULVERT INLET PROTECTION - SILT FENCE**

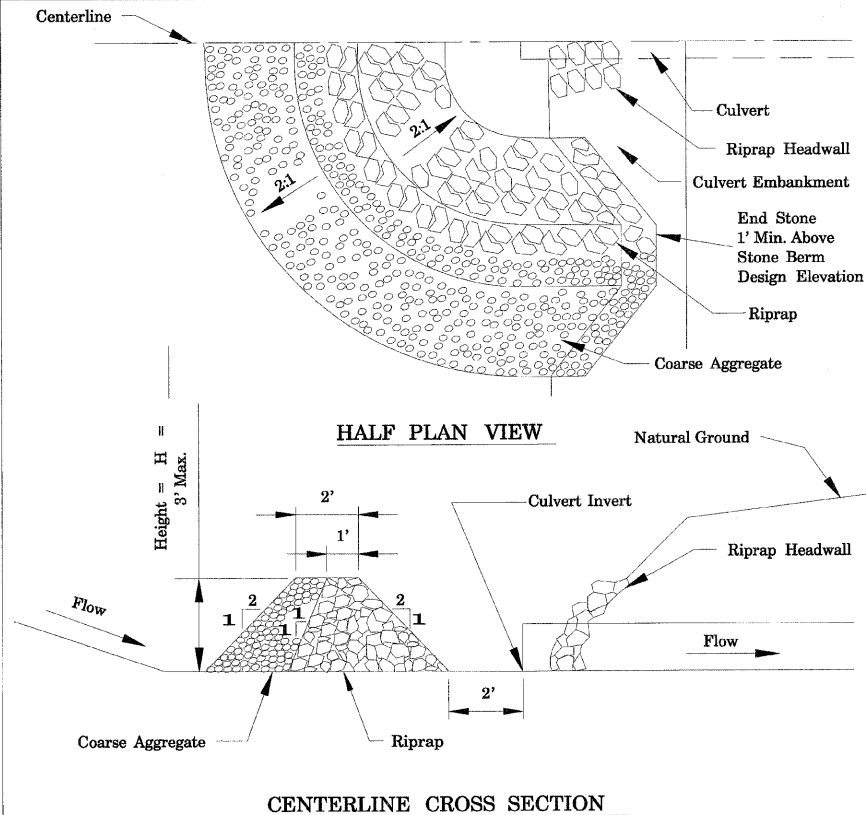


PLAN VIEW

NOTES:

1. The silt fence shall meet the requirements as shown on standard drawing IL-620 SILT FENCE except the maximum post spacing shall be 3 feet and the tops of posts shall be cross braced.
2. Sediment shall be removed when the sediment has accumulated to one-half the height of the silt fence.
3. The maximum drainage area to the culvert being protected is 1 acre.

**CULVERT INLET PROTECTION - STONE**



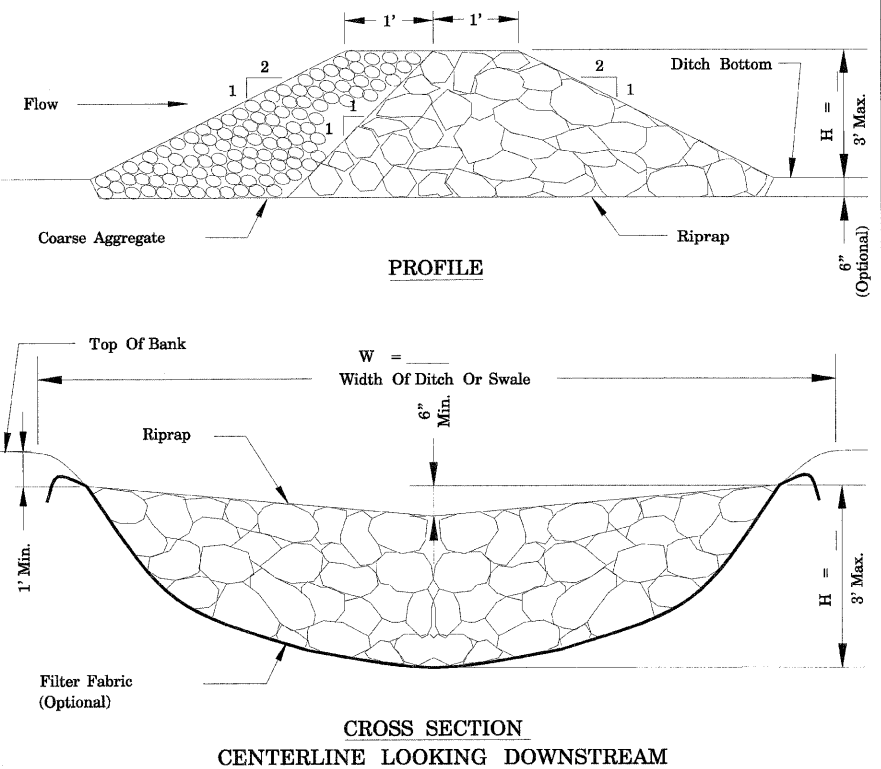
HALF PLAN VIEW

CENTERLINE CROSS SECTION

Notes:

1. Sediment shall be removed when the sediment has accumulated to one-half the height of the stone berm.
2. Coarse aggregate shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4.
3. Riprap shall meet IDOT gradation RR-3 or RR-4. Any permanent riprap, such as for the culvert headwall, shall meet IDOT Quality Designation A.
4. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
5. The maximum drainage area to the culvert being protected is 3 acres.
6. See plans for H dimension.
7. Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.

**ROCK CHECK DAM - RIPRAP**



NOTES:

1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II, or IV and shall be placed over the cleared area prior to the placing of rock. Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4.
2. Riprap shall meet IDOT gradation RR-3 or RR-4 and meet Quality Designation A. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. For added stability, the base of the dam may be keyed 6 inches into the soil. See plans for spacing of dams and H dimensions.
4. Maximum drainage area to each dam is 10 acres.
5. ROCK CHECK DAM-COARSE AGGREGATE IL-605CA may be used for drainage areas under 2 acres.
- 6.
- 7.
- 8.

REFERENCE  
Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_



STANDARD DWG. NO.  
IL-508SF  
SHEET 1 OF 1  
DATE 1-29-99

REFERENCE  
Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_



STANDARD DWG. NO.  
IL-508ST  
SHEET 1 OF 1  
DATE 1-29-99

REFERENCE  
Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_



STANDARD DWG. NO.  
IL-605R  
SHEET 1 OF 1  
DATE 1-29-99

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
EROSION AND SEDIMENT CONTROL  
DETAILS

SCALE: 1" = 50'  
DATE: 2-06-09

DRAWN BY: MMS  
CHECKED BY: DM



FINAL