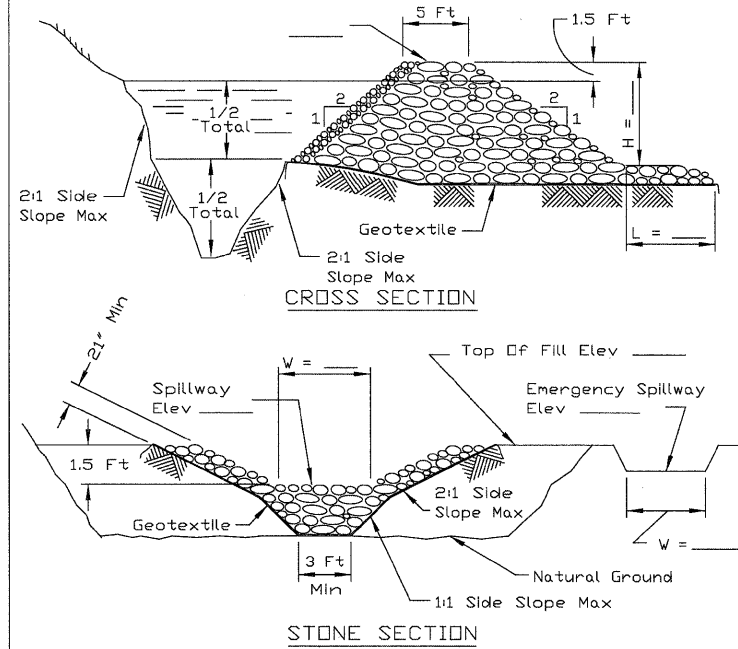


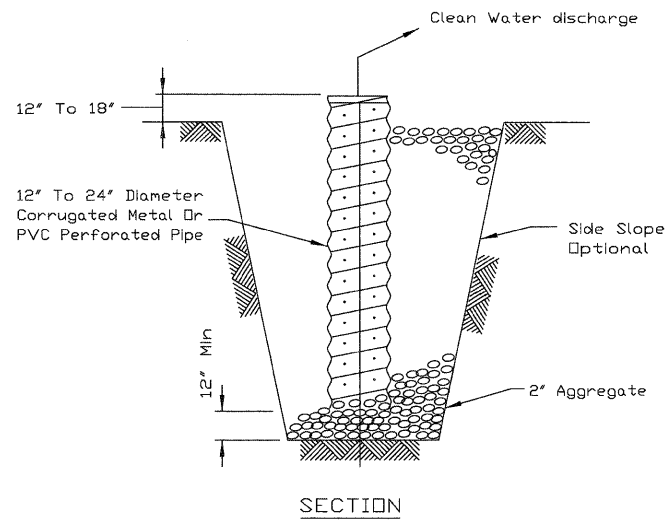
TEMPORARY SEDIMENT TRAP



- NOTES:
1. If the sediment pool is formed or enlarged the side slope will be 2:1 or flatter.
  2. The fill shall be constructed using IDOT RR-4 stone size. A 1' layer of IDOT CA-2 should be placed on the inside face to reduce the flow rate.
  3. The rock will be placed according to construction specification 25 ROCKFILL. Placement will be by Method 1 and compaction will be class III.
  4. The geotextile shall meet the requirements in material specification 592 GEOTEXTILE table 1 or 2, class I, II or IV.

REFERENCE Project _____	 Natural Resources Conservation Service	STANDARD DWG. NO. IL-660
Designed _____ Date _____		SHEET 1 OF 1
Checked _____ Date _____		DATE 11-20-01
Approved _____ Date _____		

SUMP PIT PLAN



- NOTES:
1. Pit dimensions are optional.
  2. The standpipe will be constructed by perforating a 12'-24' diameter corrugated metal or PVC pipe.
  3. A base of 2' aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2' aggregate.
  4. The standpipe will extend 12' to 18' above the lip of the pit.
  5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
  6. If desired, 1/4'-1/2' hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

REFERENCE Project _____	 Natural Resources Conservation Service	STANDARD DWG. NO. IL-650
Designed _____ Date _____		SHEET 1 OF 1
Checked _____ Date _____		DATE 8-11-94
Approved _____ Date _____		



USER NAME = jmacke(Chicago\_R)  
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 PLOT SCALE = 1:50  
 PLOT DATE = 7/29/2010

DESIGNED - D. DOERFLER  
 DRAWN - D. DOERFLER  
 CHECKED - E. CHOW  
 DATE - 8/2/2010

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



MCHENRY COUNTY  
 DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31  
 EROSION AND SEDIMENT CONTROL DETAILS

SCALE: NONE SHEET NO. ERO 19 OF 19 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	307
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	