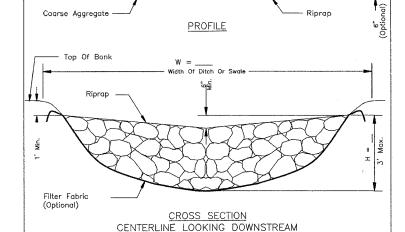
CONTRACT NO. 62896

F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
55	99 (1&2)	WRS-1	WILL	227	84		
STA. TO STA.							
FED. ROAD DIST. NO. ILLIN			OIS FED. AI				
				EC-05 0	F 06		

ROCK CHECK DAM - RIPRAP Ditch Bottom



NOTES:

DIES; 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.

- CA-3, or CA-4.

 3. Riprap shall meet IDOT gradation RR-3 or RR-4 and meet 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. For added stability, the base of the dam may be keyed 6 inches into the soil.

- 6. See plans for spacing of dams and H dimensions.
 7. Maximum drainage area to each dam is 10 acres.
 8. ROCK CHECK DAM—COARSE AGGREGATE IL—605CA may be used for drainage areas.

REFERENCE		A
Project	 	
Designed	 Date	
Checked	 Date	
Anground	Dota	Natural Re

IL-605R SHEET 1 OF 1

Clean Water discharge 12" To 18" 12" To 24" Diameter Corrugated Metal Er _ PVC Perforated Pipe Side Slope Optional 2" Agaregate

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.

SECTION

- 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		
Designed	Date	
Checked	Date	•
Approved	Date	Net.

STANDARD DWG, NO. IL-650 SHEET 1 OF 1

ROCK CHECK DAM - COARSE AGGREGATE Ditch Bottom Coarse Aggregate PROFILE Width Of Ditch Or Swale Top Of Bank Filter Fabric (Optional) CROSS SECTION 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.

2. Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4 and 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.

4. See plans for spacing of dams and H dimensions.

5. Drainage area to each dam shall be less than 2 acres.

6. Use ROCK CHECK DAM-RIPRAP IL-605R for drainage areas of 2 to 10 acres.



ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 55 US 30 (PLAINFIELD ROAD) TO 143RD STREET

ANDARD DWG. NO

IL-605CA

SHEET 1 OF 1

DATE 1-29-99

EROSION AND SEDIMENT CONTROL DETAILS

SCALE: 1" = 50" DATE: 02/23/2007

DRAWN BY: JPA CHECKED BY: TEH