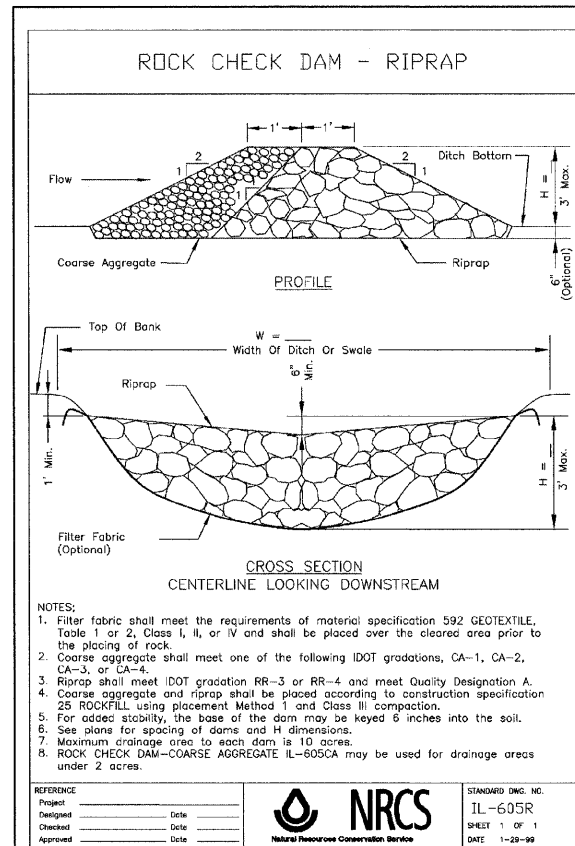


EROSION & SEDIMENT CONTROL DETAILS



- 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.
 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 under 2 acres.

Project	Date	DESIGNED	DATE
Checked	Date	IL-605R	SHEET 1 OF 1
Approved	Date	DATE	1-22-99



ROCK CHECK DAM NOTES:

1. THE RIPRAP SIZE FOR THE ROCK CHECK DAM SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN IN THE DETAIL. THIS MATERIAL SHALL BE PAID FOR PER TON AS "AGGREGATE (EROSION CONTROL)". THIS UNIT PRICE SHALL INCLUDE THE FILTER FABRIC. 6 TONS AGGREGATE PER CHECK DAM.
2. THE REMOVAL OF THE ROCK CHECK DAMS, INCLUDING THE FILTER FABRIC, SHALL BE INCLUDED IN THE COST OF "AGGREGATE (EROSION CONTROL)".
3. THE LIMITS OF THE ROCK CHECK DAM SHALL EXTEND 1 FOOT ABOVE THE OVERFLOW HEIGHT.
4. ROCK CHECK DAMS SHALL BE USED DURING ROUGH GRADING OPERATIONS BEFORE THE PLACEMENT OF DITCH CHECKS IS PRACTICAL. CONSTRUCT 100' x 15' x 1' DEEP SEDIMENTATION BASIN DIRECTLY UPSTREAM OF EACH CHECK DAM (55 C.Y. EARTH EXCAVATION EROSION CONTROL).

EROSION CONTROL NOTES:

1. TEMPORARY DITCH CHECKS SHALL BE INSTALLED AS SOON AS POSSIBLE.
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE USED ON THIS PROJECT.
3. TEMPORARY EROSION CONTROL DEVICES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
4. PERIMETER EROSION BARRIER SHALL BE INSTALLED ALONG CONTOUR PER BDE DESIGN MANUAL CHAPTER 41, PAGE 41.3-4.
5. TEMPORARY SEEDING AND MULCHING MAY BE OMITTED IF PERMANENT LANDSCAPING IS INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING.
6. INLET AND PIPE PROTECTION TO BE INSTALLED FOLLOWING INSTALLATION OF THAT STRUCTURE OR CULVERT. STRAW BALES SHALL NOT BE ALLOWED. USE A COMBINATION OF TEMPORARY SEED, EROSION CONTROL BLANKET, AND TEMPORARY DITCH CHECKS FOR INLET AND PIPE PROTECTION.
7. ALL RIPRAP SHALL BE PLACED ON FILTER FABRIC.
8. PERIMETER EROSION BARRIER OR TEMPORARY FENCE SHALL BE INSTALLED AT THE CONSTRUCTION LIMITS. TEMPORARY FENCE MAY BE INSTALLED IN LEU OF PERIMETER EROSION BARRIER, SPECIAL IF RUNOFF IS TOWARDS THE RIGHT OF WAY AND IF APPROVED BY THE ENGINEER.
9. AT THE END OF THE CONTRACT, AS DIRECTED BY THE RE, CONTRACTOR SHALL MAINTAIN BMP'S TO RENDER THEM FUNCTIONAL, AND FUNCTIONAL BMP'S ARE TO REMAIN IN PLACE. ALL OTHER BMP'S ARE TO BE REMOVED AS DIRECTED BY THE RE.
10. "PROTECTED WETLAND - NO INTRUSION" SIGNAGE SHALL BE ERECTED AT WETLAND AND WATERS TO BE PRESERVED. "WETLANDS" SIGNS SHALL BE ATTACHED TO THE POST OF THE PERIMETER EROSION BARRIER ITEM. SIGNS ARE AVAILABLE FROM THE ROADSIDE DEVELOPMENT UNIT, 847-705-4172. THE SIGNS WILL BE INCIDENTAL TO THE PERIMETER EROSION BARRIER. 3 SIGNS SHALL BE POSTED AT EACH LOCATION.
11. THE CONTRACTOR SHALL INSTALL INLET PROTECTION ON ALL EXISTING INLETS AND CULVERTS. THESE SHALL BE MAINTAINED UNTIL THE DRAINAGE STRUCTURE IS NO LONGER NEEDED.
12. QUANTITIES FOR MULCH METHOD 1 TO 4 HAVE BEEN INCLUDED IN THE CONTRACT FOR USE BY THE CONTRACTOR AS NEEDED BASED ON FIELD CONDITIONS.
13. INLET FILTERS SHALL BE INSTALLED ON ALL PROPOSED INLETS AND CATCH BASINS WHEN INLET PROTECTION TREATMENT IS APPLICABLE.
14. THE CONTRACTOR SHALL PLACE EROSION AND SEDIMENT CONTROL TREATMENTS ON EXISTING CATCH BASINS, INLETS AND CULVERTS AS NEEDED USING THE APPROPRIATE PAY ITEMS AS SHOWN ON THE SUMMARY OF QUANTITIES.



WETLANDS SIGN
12"x12"

FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -
11\102901\cadd sheets\sh-eroc07det¬es.dgn		DRAWN - BK	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - GFL	REVISED -
	PLOT DATE = 8/17/2011	DATE - 12/17/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS AND NOTES
IL. RTE. 21 (MILWAUKEE AVE.)

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	93A
CONTRACT NO. 60953				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				