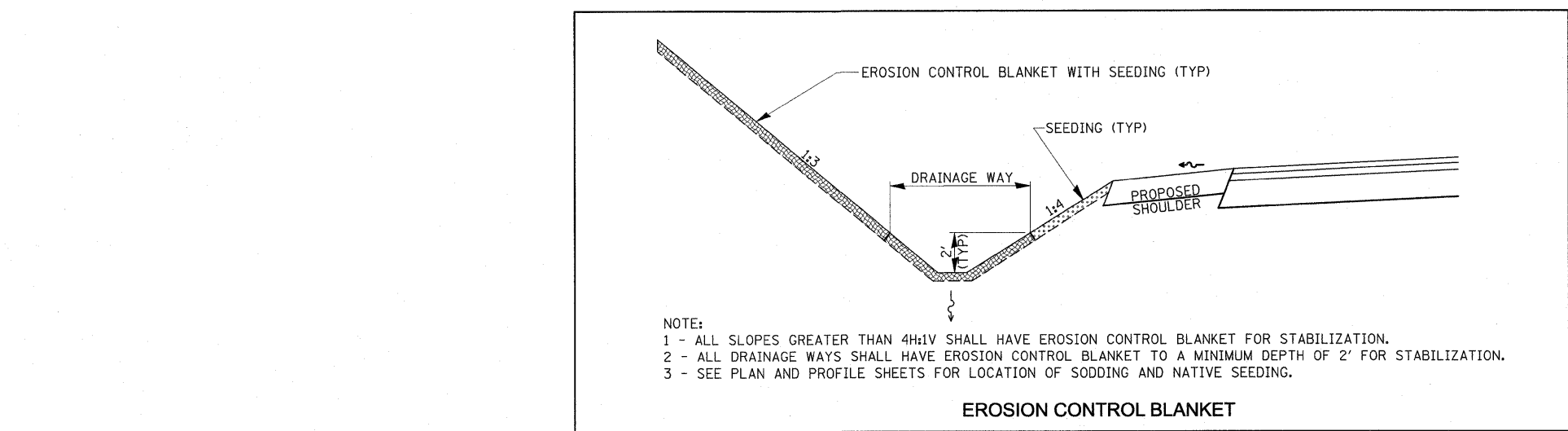
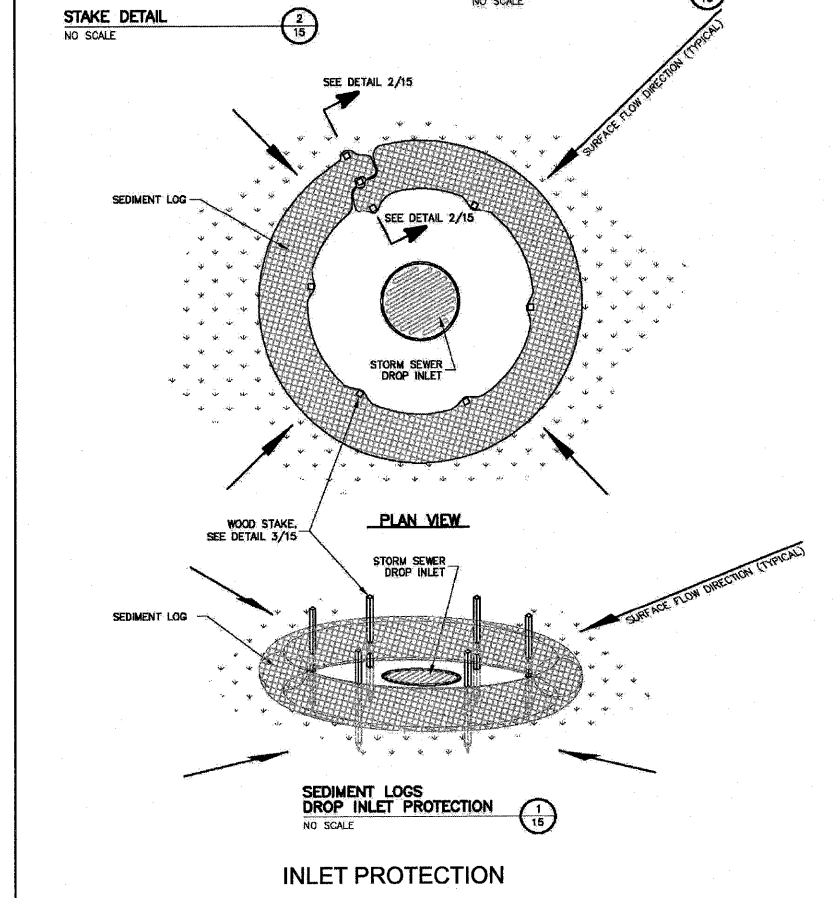
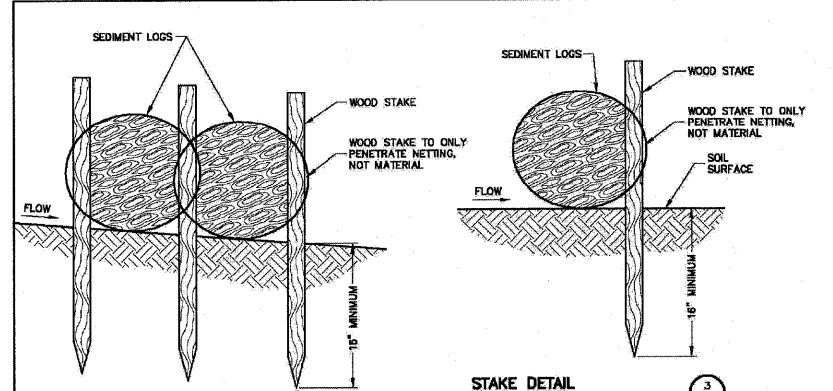
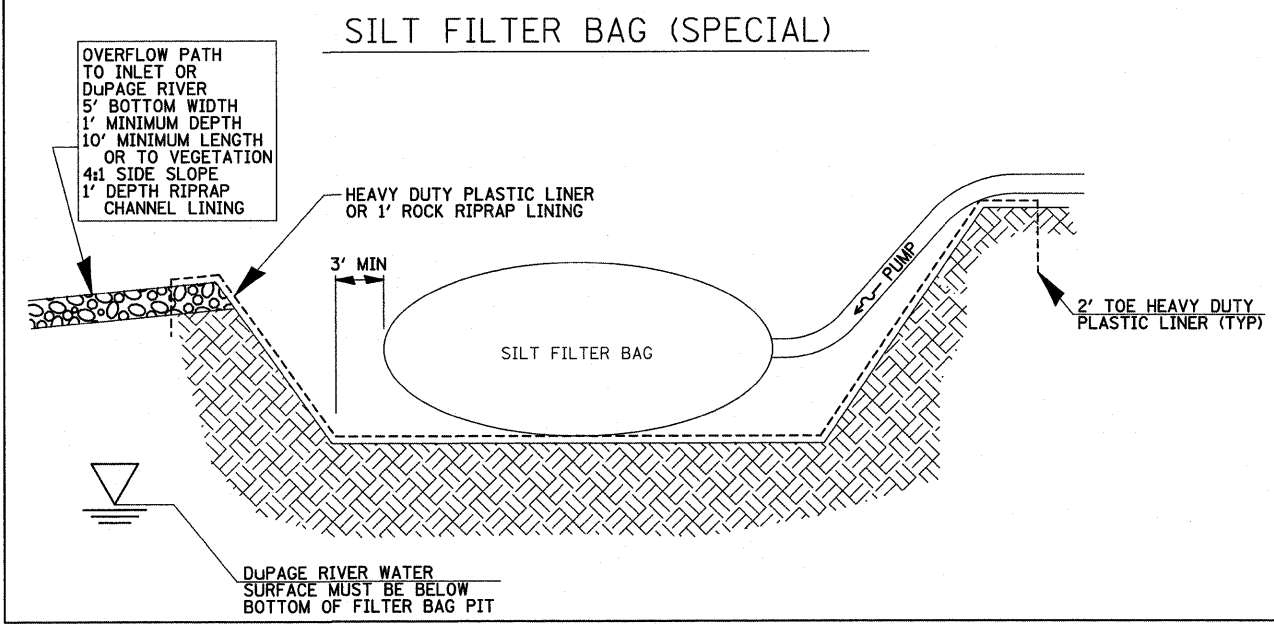
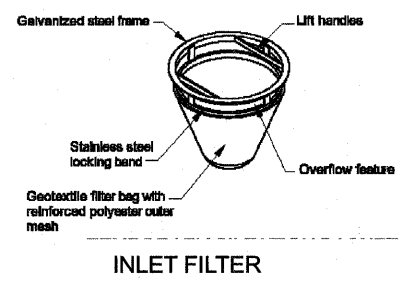
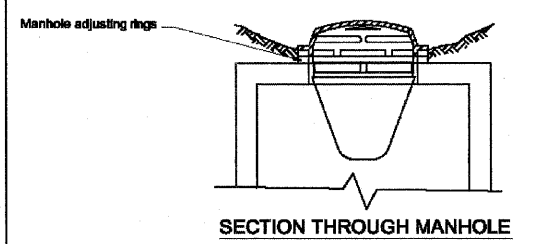


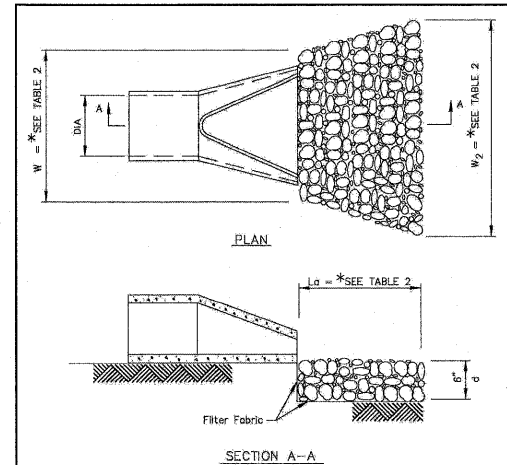
STABILIZATION TYPE	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
PERMANENT SEEDING			A									
DORMANT SEEDING	B										B	
TEMPORARY SEEDING			C			D						
SODDING			E									
MULCHING	F											

A KENTUCKY BLUEGRASS 90 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 30 LBS/ACRE. C SPRING OATS 100 LBS/ACRE * IRRIGATION NEEDED DURING JUNE AND JULY.
 B KENTUCKY BLUEGRASS 135 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 45 LBS/ACRE +2 TONS STRAW MULCH/ACRE. D WHEAT OR CEREAL RYE 150 LBS/ACRE. ** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD.
 E SOD F STRAW MULCH 2 TONS/ACRE.

SOIL STABILIZATION CHART



NOTE:
 1 - ALL SLOPES GREATER THAN 4H:1V SHALL HAVE EROSION CONTROL BLANKET FOR STABILIZATION.
 2 - ALL DRAINAGE WAYS SHALL HAVE EROSION CONTROL BLANKET TO A MINIMUM DEPTH OF 2' FOR STABILIZATION.
 3 - SEE PLAN AND PROFILE SHEETS FOR LOCATION OF SODDING AND NATIVE SEEDING.



**TABLE 1
ROCK RIPRAP SIZES AND THICKNESS**

IDOT Gradation Number	d50 (in.)	dmax (in.)	Minimum Blanket Thickness (in.)
RR-3	5	10	15
RR-4	9	14	20
RR-5	12	19	28
RR-6	15	22	32
RR-7	18	27	32

**TABLE 2
MINIMUM IDOT ROCK SIZES AND APRON LENGTHS**

Culvert Dia. (in.)	Rock Gradation	Lo (ft.)	(ft) w1	(ft) w2
12	RR3	10	3	11
18	RR3	14	4.5	15.5
24	RR3	16	6	18
30	RR3	18	7.5	20.5
36	RR4	20	9	23
48	RR4	24	12	28
60	RR5	32	15	37
72	RR6	40	18	46
96	RR7	50	21	57

NOTES:
 1. The filter fabric is required for Gradation RR4 and greater and shall meet the requirements of section 282 of the standard specifications.
 2. The rock riprap shall meet section 281 of the standard specifications and have the gradation as shown in TABLE 2.

FILE NAME = P:\070116\cad\phase 2\dwg\070116-shr-erosion-details.dgn
 USER NAME = #USER#
 DESIGNED - CM
 DRAWN - JM
 CHECKED - CM
 DATE - FEBRUARY 2009

REVISED - 09/30/2010
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



EROSION CONTROL STANDARDS
 PLAINFIELD NAPERVILLE RD AT 119TH ST / RODEO DR
 SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	04-00036-22-TL	WILL	152	39
CONTRACT NO. 63671				
ILLINOIS FED. AID PROJECT				