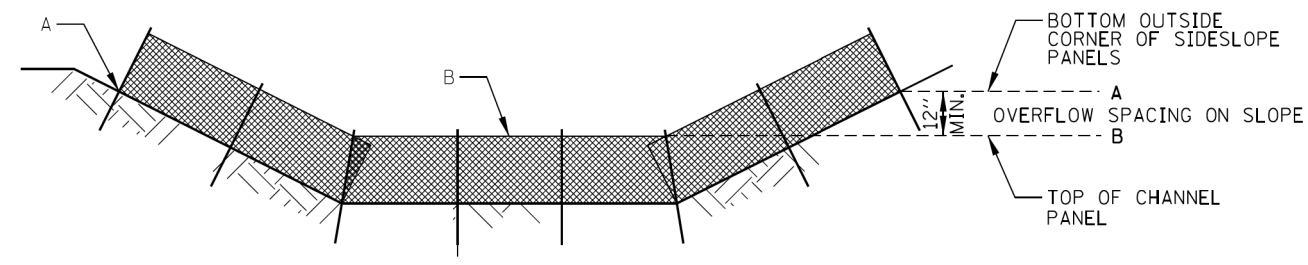


SECTION



ELEVATION

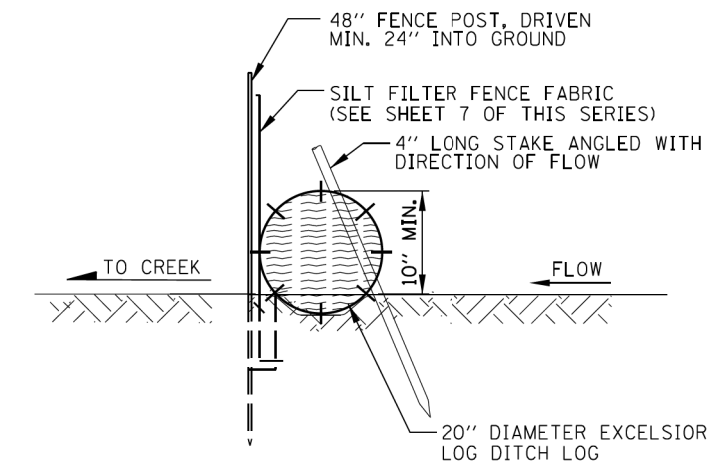
NOTES:

1. UPSTREAM EDGE OF THE POROUS RUNOFF CONTROL SYSTEM STRUCTURE FILTER FABRIC TO BE PLACED IN A 4"x6" TRENCH AND ANCHORED WITH A ROW OF STAPLES TO ASSURE THAT THE STORM WATER IS FORCED THROUGH THE POROUS PANELS RATHER UNDER IT.
2. THE RUNOFF CONTROL STRUCTURE SHALL BE PLACED PERPENDICULAR TO THE DIRECTION OF WATER FLOW. THE STRUCTURE COMPRISES OF A CENTRAL SECTION FORMING A HORIZONTAL POROUS WEIR AND TWO INCLINED SECTIONS EXTENDING UP THE SIDESLOPE AND BACKSLOPE.
3. THE POROUS RUNOFF CONTROL STRUCTURE SHALL BE INSTALLED IN ACCORDANCE TO THE MANUFACTURER'S REQUIREMENTS.
4. POROUS RUNOFF CONTROL STRUCTURE PANELS ARE SUPPLIED IN STANDARD 10" HEIGHT x 39" AND 43" LENGTHS. THE DSE SHALL LIST THE QUANTITIES IN MULTIPLES OF STRUCTURE LENGTH SELECTED.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SILT SHALL BE REMOVED WHEN IT REACHES 50% OF THE HEIGHT OF THE STRUCTURE.
6. THE SYNTHETIC POROUS RUNOFF CONTROL STRUCTURES TO BE USED TO CONTROL FLOW IN DITCHES. IT IS NOT A SUBSTITUTE FOR SEDIMENT TRAPS OR BASINS. PLACE UPSTREAM OF TRAPS OR BASINS AND MAINTAIN IN PLACE UNTIL SEEDING IS ESTABLISHED.

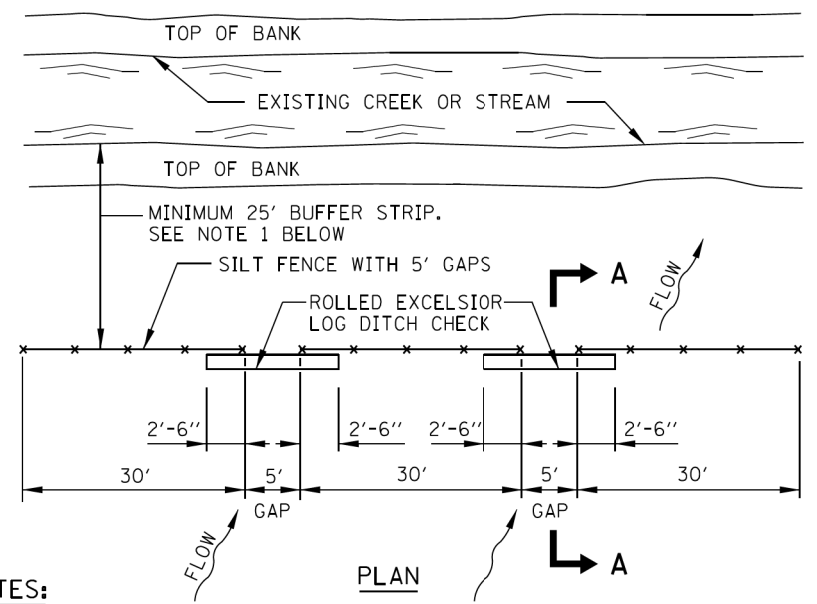
SYNTHETIC POROUS RUNOFF CONTROL STRUCTURE



Paul Kovacs
APPROVED... CHIEF ENGINEER... DATE 2-7-2012...



SECTION A-A



PLAN

NOTES:

1. A MINIMUM 25' WIDE VEGETATED BUFFER STRIP SHALL BE PRESERVED AND/OR RE-ESTABLISHED WHERE POSSIBLE ALONG EXISTING CHANNELS. THIS REQUIREMENT SHALL BE VERIFIED WITH THE LOCAL APPROVING AGENCY BY THE DSE AND THE PLANS ADJUSTED IF NECESSARY. ANY VARIATION IN THE 25' DIMENSION SHALL BE NOTED ON THE PLANS.
2. THE 5' GAPS IN THE SILT FENCE AND THE 20" DIAMETER TEMPORARY DITCH CHECKS ARE TO ALLOW FLOODWATER FLOW INTO THE CREEK FROM THE SITE WITHOUT DAMAGE TO THE SILT FENCE.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SILT SHALL BE REMOVED WHEN IT REACHES 50% OF ROLL HEIGHT. WHEN EXCELSIOR BECOMES LESS THAN 10" IT SHALL BE REPLACED.

CREEK BUFFER STRIP AND SILT FENCE

SHEET 6 OF 11

Illinois Tollway
Open Roads for a Faster Future

TEMPORARY EROSION
AND SEDIMENT CONTROLS

STANDARD K1-02

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

FILE NAME = \$FILES\$	USER NAME = default	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = Hgt=10' Wdt=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/28/2012	DATE - 6/28/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOLLWAY STANDARD DRAWING

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	672
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

S:\1101\95\CADD\60L77_IL_175\60L77_Sheets\0160L77-sh1-1511a.dgn