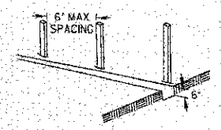
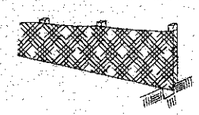
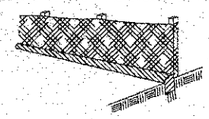
1. SET POSTS AND EXCAVATE OR SLIT-TRENCH A 6-INCH DEEP TRENCH UPSLOPE ALONG THE LINE OF POSTS.



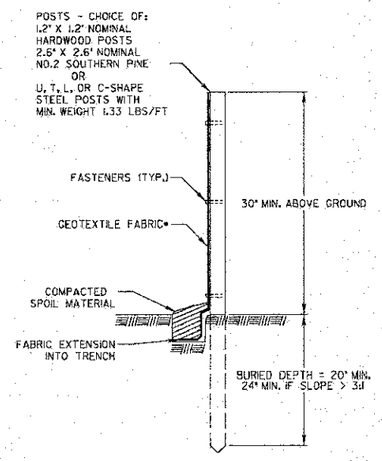
2. ATTACH GEOTEXTILE FILTER FABRIC TO EACH POST WITH A MINIMUM OF 3 (THREE) FASTENERS PER POST AND EXTEND FABRIC TO THE BOTTOM OF THE TRENCH.



3. BACKFILL AND COMPACT THE EXCAVATED MATERIALS.



Requirements	Test Methods	Wire Backed Supported Silt Fence *	Unsupported Silt Fence	
			Geotextile Elongation >=50% *	Geotextile Elongation <50% *
Maximum Post Spacing		4 feet	4 feet	6 feet
Grab Strength	ASTM D 4632			
Machine direction		90 lbs	124 lbs	124 lbs
X-Machine direction		90 lbs	100 lbs	100lbs
Permittivity	ASTM D 4491	0.05 sec	0.05 sec	0.05 sec
Apparent Opening Size	ASTM D 4751	0.024in maximum average roll value		
Ultraviolet stability (retained strength)	ASTM D 4355	70% after 500 hours of exposure		



* NOTE: OPTIONAL WIRE SUPPORT
- MIN. 30" HEIGHT
- MIN. 14 GAUGE WIRE
- MIN. 6 HORIZ. WIRES
- MIN. 6" VERTICAL SPACING

SCALE 1" = 1'

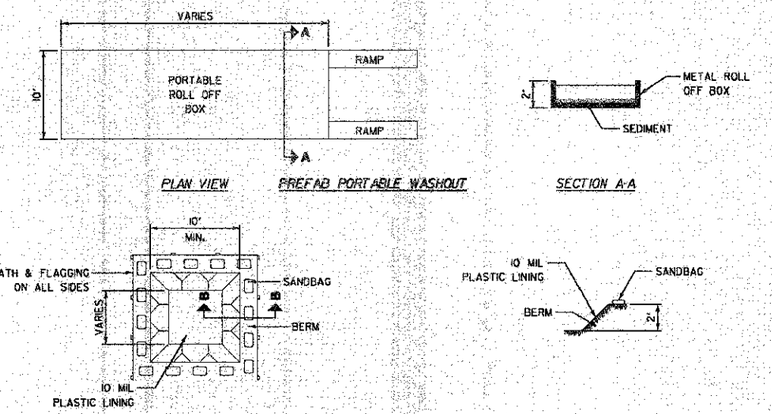
REVISIONS	DATE
ORIG. by LCSMC	04/21/08

LakeCounty Division of Transportation

APPROVED BY: M. G. ZEMAITIS
DATE: JUNE 20, 2008

PERIMETER EROSION BARRIER INSTALLATION

LC2051



NOTES:

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. OTHER WASHOUT DESIGNS MAY BE USED IF APPROVED BY THE ENGINEER.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

NOT TO SCALE

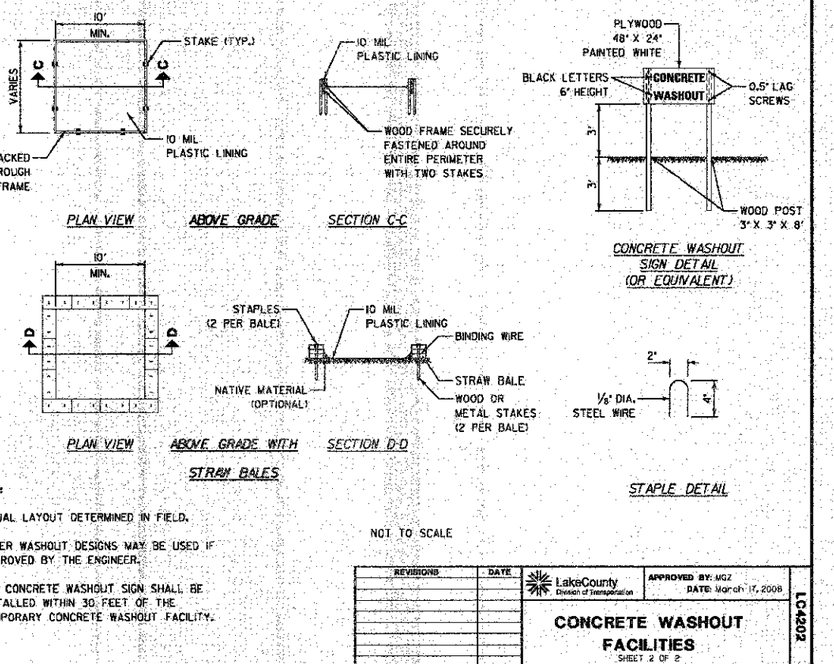
REVISIONS	DATE

LakeCounty Division of Transportation

APPROVED BY: MGZ
DATE: March 17, 2008

CONCRETE WASHOUT FACILITIES
SHEET 1 OF 2

LC4202



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NOT TO SCALE

REVISIONS	DATE

LakeCounty Division of Transportation

APPROVED BY: MGZ
DATE: March 17, 2008

CONCRETE WASHOUT FACILITIES
SHEET 2 OF 2

LC4202

FILE NAME = 4536.705-DT1.dwg	USER NAME = DAN STRAHAN	DESIGNED - DJS	REVISED - 9-7-12
		DRAWN - DJS	REVISED - 10-19-12
	PLOT SCALE = 1:1	CHECKED - TPG	REVISED - 12-17-12
	PLOT DATE = 5/29/2012	DATE - 5-29-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LCDOT HIGHWAY STANDARDS
GRASS LAKE ROAD BIKE PATH UNDERPASS

SCALE: N.T.S. | SHEET NO. 1 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0174	09-P0075-15-BT	LAKE	74	51

CONTRACT #: 63778

ILLINOIS | FED. AID PROJECT