

0+00-0+30 Α 0+62-6+95 B WORK RIGHT 6+95-13+45

BRUSH, SPOIL, & SEEDING DETAIL TABLE

DETAIL

STATION

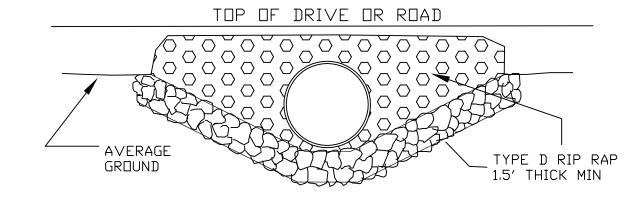
CHANNEL

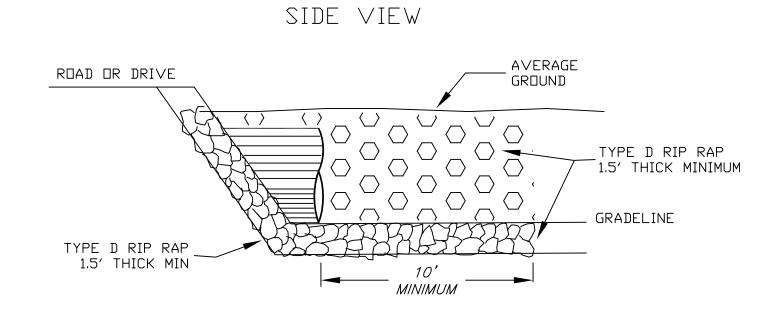
	13+45-20+10	B WORK LEFT
	20+10-22+70	B WORK LEFT
	22+70-23+65	B WORK RIGHT
	23+65-33+61	А
	33+61-36+55	B WORK LEFT
	36+55-41+47	B WORK RIGHT
	42+14-65+00	А
	65+00-68+32	B WORK LEFT
	68+32-75+00	А
	75+00-80+65	B WORK RIGHT
	80+65-85+22	А
	85+22-88+47	B WORK LEFT
	88+47-94+77	A YARD BOTH SIDES
	95+14-97+45	A YARD BOTH SIDES
	97+45-100+00	B WORK LEFT
	100+00-105+00	A YARD BOTH SIDES
	105+00-112+35	A ALL SPOIL LEFT
1		

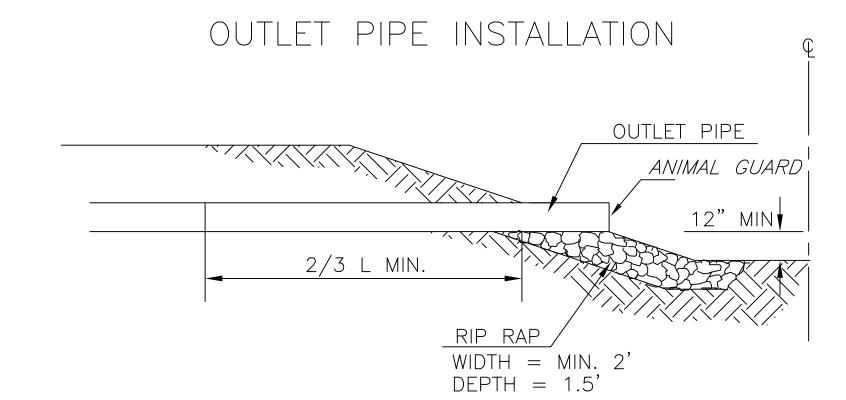
CULVERT RIP RAP DETAIL

END VIEW

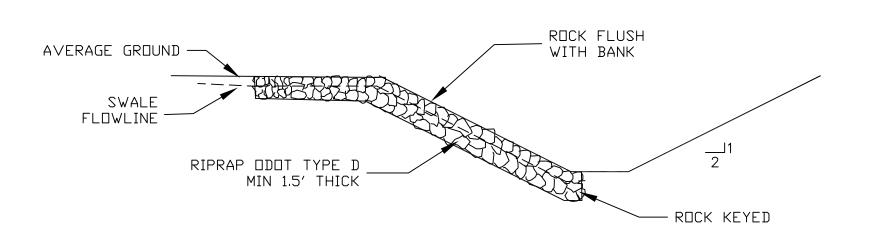
INLET AND DUTLET

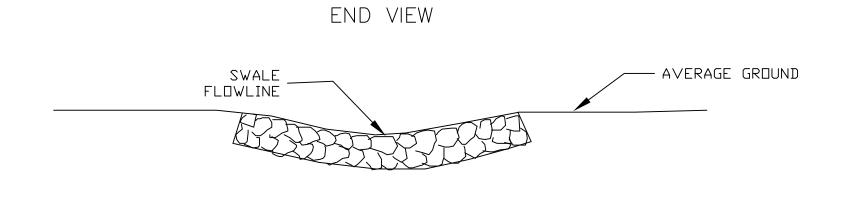






SWALE OR SIDE DITCH ENTRY SIDE VIEW



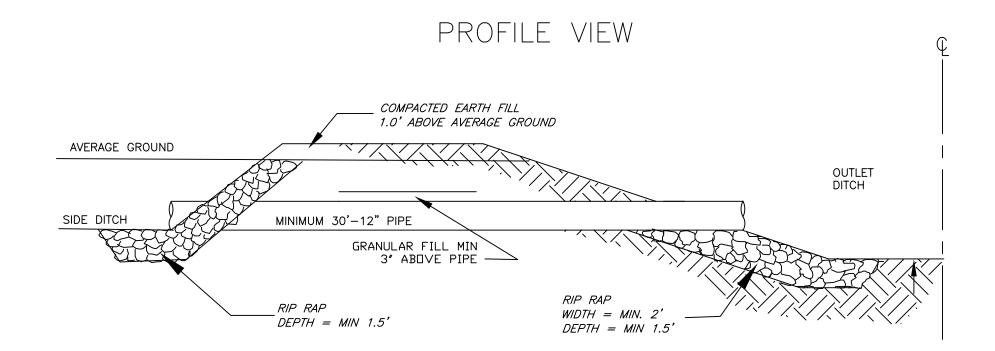


JOB CLASS II

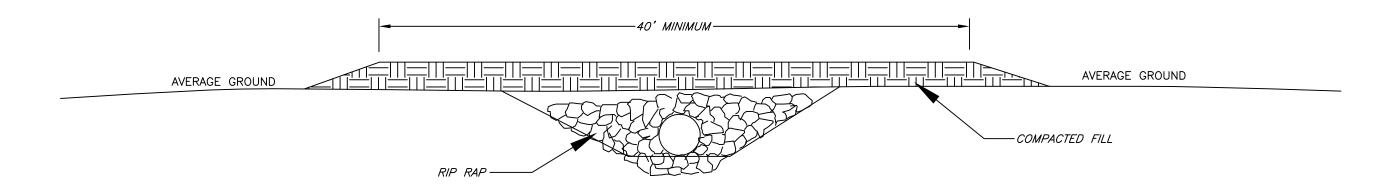
DATE Designed MICHAEL GARGAC 3/2013	3/20/3	 	
Designed	Drawn michael gargac	 	Checked
CAD 4/3/2013 Augusta 120 13/2013 140 140 140 140 140 140 140 140 140 140			S USDA - NATURAL RESOURCES CONSERVATION SERVICE

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TYPICAL EROSION CONTROL PIPE STRUCTURE - DETAIL



INLET END VIEW



BENCHMARKS

ALL BMS AND TBM SET AT NAVD88 DATUM

BM #1 Chiseled + on east end of 30" RCP drive culvert on south side of Walbridge Road 100' east of woods at 19570 West Walbridge Road, and approximately a half mile west of Nissen Road. 590.51

TBM #1 30d spike in west side of RR signal pole 25' east of Lau Ditch on north side of N&S RR. 591.78

BM #2 30d spike set in east side of 48" diameter oak tree on east side of ditch in southwest corner of woods at STA 13+45. 592.18

BM #3 30d spike set in west side of 32" diameter red oak 30' east of ditch at STA 33+61.

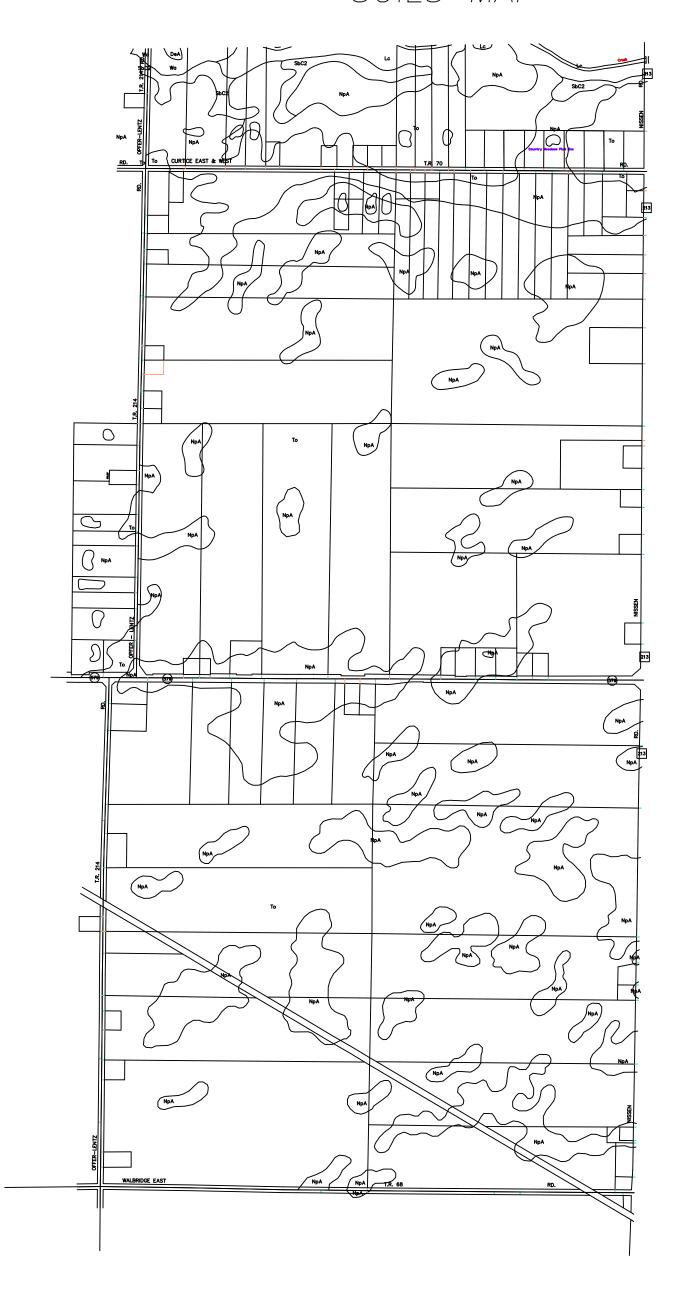
BM #4 Chiseled + on north end of 54" RCP on north side of SR 579 at Lau Ditch a half mile west of Nissen Road, STA 42+14. 588.48

BM #5 30d spike set in west side of oak tree in northwest corner of Soncrant woods on east side of ditch STA 68+32. 586.09

BM #6 Chiseled + on north end of 48" RCP on north side of Curtice East & West Road at Lau Ditch. 582.30

BM #7 Chiseled + On west end of 54" RCP drive culvert at STA 104+60. 580.75

SOILS MAP



SOILS DESCRIPTIONS

NpA—Nappanee silty clay loam. This deep, nearly level, somewhat poorly drained soil is on slight convexa rises and side slopes along drainageways on lake plains. Most areas range from 4 to 75 acres.

To—Toledo silty clay. This deep nearly level, very poorly drained soil is on broad flats and in long narrow concave areas on lake plains. It is subject to ponding of short duration. Most areas range from 5 to more than 100 acres. Slope is 0 to 2 percent.

Lc.—Latty silty clay. This deep, nearly level, very poorly drained soil is on broad flats and in long narrow concave areas on lake plains. It is subject to ponding. Most areas range from 5 to 100 acres. Slope is 0 to 2 percent.

ScC2—St. Clair silty clay loam. This deep, gently sloping and sloping moderately well drained soil is in long, narrow areas along streams on lake plains. Erosion has removed part of the original surface layer. The present surface layer contains subsoil material that has a higher clay content. Most areas range from 5 to 20 acres.

THO DILCH

JOB CLASS II

DRAWING NUMBER -----Sheet <u>8</u> of <u>8</u>

CAD FILE I.D. 4/9/2013 8:41 AM Lau-Typical2:dwg Michael R. Gargac, Ottawa SWCD