

ELEVATION

SECTION A-A

RAILING REINSTALLATION DETAIL

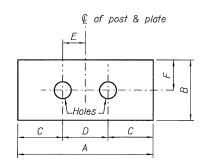


PLATE TYPES G & H

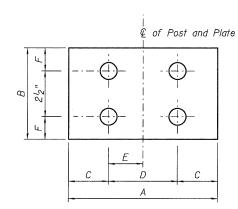


PLATE TYPE J

PLATE DIMENSIONS										
Туре	Α	В	С	D	Ε	F	Hole Dia.	Thick- ness		
G	9"	4"	1/2"	6"	3"	2"	18"	1"		
Н	9"	4"	1/2"	6"	3"	2"	1/8"	2"		
J	9"	5"	1/2"	6"	3"	14"	⁷ 8"	1"		

GENERAL NOTES

For details of guardrail elements not shown, see Standard 630001.

All threaded rods shall be installed with heavy hex nuts and standard washers.

Existing Rail Posts, Guardrail and Wood Blockout are to be re-used. Existing rail post is 5'-4" long. Cost of trimming shall be included with the pay item "Removing and Re-erecting Existing Railing".

Cost and installation of the wood blockout for the new Rail posts shall be included with the pay item "Furnishing & Erecting Structural Steel"

For detail and more information of guardrail post connection to culvert, See Standard 630101.

						PAGE _1_		of _	1			
Geo Services Inc.		S	OII	L E	OF	RING LOG DATE 6/	DATE 6/2/2011					
Geo Services, Inc. Geotechnical, Environmental & Givil Engineering 805 Amberit Court, Syste 204 Napeville, Jilhigis 60565 (630) 355-2838							LOGGED BY RJ					
							GSI JOB No					
ROUTE FAU Rte. 1285 (Palatine	Rd.) DES	CRIP	ΠON	Pala	tine	Road Over Salt Creek Culvert Improveme	nts					
SECTION 0507 RS-1	LOC	ATIO	V P	alatine	Tov	vnship. T 42 N. R 10 E. Sections 16 &	21. 3rd	d P.M	VI			
COUNTY Cook	DRIL	LING	MET	HOD I	lollo	w Stem Auger HAMMER TYPE C	ME Aut	oma	itic	Waster		
STRUCT. NO. 016-2860		_				Surface Water Elev. 746.2				Ţ.,		
Station		D E	B L	C	M	Stream Bed Elev. 744.3	D E	B	Ü	M		
BORING NO. $B-1$		P	0 ≽	S	l S	Groundwater Elevation:	P	O W	s	S		
Station: 70+88	and the same of th	Н	s	Qu	Ť	First Encounter 725.1	Ĥ	s	Qu	Ť		
Offset: 24.0' Left Ground Surface Elev. 78	53.6	(ft)	(/6")	(tsf)	(%)	Upon Completion 723.6 After Hrs	(ft)	(/6°)	(tsf)	(%)		
	,,,,	. 7			-	Alter	1,,,	-	(12.7)	(1.5)		
10" ASPHALT & STONE	752.6	,		AS	1.							
		-	10					4		110		
TOPSOIL-black and gray			6			Silt seams from -21.0 ' to -22.5 '.	-	4				
	750.6		6	NP	18		_	8	2.2B	19		
	700.0											
SILTY CLAY-dark brown- very stiff (A-6)			3		95			4		109		
very suit (A=0)			2					6				
	748.1		4	2.0B	26		25	9	3.2B	19		
	1911					CLAY LOAM-gray-						
		-	2		94	very stiff to hard (A-6)		4		110		
SILTY CLAY-brown-		c***********	3	1.00	0-7			7	7.45	4.5		
medium stiff to stiff (A-6)			+	1.6B	27			9	3.4B	18		
						₩						
			1		93			5		112		
		-10	2	0.9B	30	72	3. <i>6</i> –30	5	מכס	40		
	743.1			V.30	30	End Of Boring @ -30.0'	.o – Ju	3	0.76	10		
						Hollow Stem Augers CME Automatic Hammer						
CLAY LOAM-gray-		_	2		104	CME Automatic Hammer						
			3 6	2.0B	23							
		***	Ť									
			3		113							
		-15	6	2.1B	18		-35					
very stiff to hard (A-6)	,											
			<u>3</u>		111		-					
			7	3.2B	18							
			ا ر		110							
	,		5		113							
		-20	5	3.1B	18		-40	لــــا		لبيا		
The Unconfined Compressive Strength (UCS)	railure Mod	ie is ir	idicate	ed by (E	5−Bulç	ge, S—Shear, P—Penetrometer) ST—Shelby Tube Sam	ple VS=	≃Vane	Shear	lest		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS=Vane Shear Test

The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)

NR-No Recovery

•••	USER NAME =	DESIGNED - JPM	REVISED -
:::Primeral		CHECKED - JXH	REVISED -
	PLOT SCALE =	DRAWN - MPS	REVISED -
100 S. WACKER DRIVE SUITE 700 . CHICAGO IL 60606 . P.312-605-0910 P:312-606-0415	PLOT DATE =	CHECKED - JXH/TPG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOG & GUARDRAIL DETAILS		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STRUCTURE NO. 016-2860 STA. 70 + 04.00	1285	2011-033-T	соок	18	14
31NUGIUNE NU. 010-2000 31A. /0 T 04.00			CONTRACT	NO. 6	SOP39
SHEET NO. S6 OF S6 SHEETS	DATE: 0	OCTOBER 6-2011 ILLINOIS FED. AI	D PROJECT		