

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Bridge Foundation
Boring Log

P-91-243-77 Sh. 1 of 1 Sh.
PROJECT BRIDGE IL Route 56 over Date 04-26-79
ROUTE FAU 3545 West Branch of Du Page River Bored By D. GROW
SEC. 1977-212 BR STA. Checked By
COUNTY DU PAGE

Elevation	N	Qu t/s.f.	w (%)	Surface Water El.		Elevation	N	Qu t/s.f.	w (%)
				693.6					
699.1	0				693.6				
Ground Surface									
Suspended Augers through Bridge Deck									
674.1	25								
VERY STIFF, GRAY SANDY CLAY (TILL) - Continued									
672.1	5								
HARD, GRAY CLAY (TILL)									
669.6	11								
VERY STIFF, PINKISH SILTY CLAY (TILL) with 4" Sand seam									
668.1	11								
VERY STIFF, BROWN SILTY LOAM									
668.1	11								
HARD, GRAY CLAY (TILL)									
664.1	11								
VERY STIFF, GRAY CLAY (TILL)									
662.1	15								
HARD, GRAY CLAY (TILL)									
659.1	6								
STIFF, GRAY SANDY CLAY (TILL)									
679.1	20								
DECAYED LIMESTONE with CLAY SEAM (1.16 TSF)									
656.6	5								
VERY STIFF, GRAY SANDY CLAY (TILL) - with some sand seams									
655.1	18								
VERY DENSE, YELLOW DECAYED LIMESTONE - No Clay									
End of Boring									

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".

Qu-Unconfined Compressive Strength - t/sf
w - Water Content - percentage of oven dry weight-%.

Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer



Bridge Foundation
Boring Log

P-91-243-77 Sh. 1 of 1 Sh.
PROJECT BRIDGE IL Route 56 over Date 04-27-79
ROUTE FAU 3545 West Branch of Du Page River Bored By D. GROW
SEC. 1977-212 BR STA. Checked By
COUNTY DU PAGE

Elevation	N	Qu t/s.f.	w (%)	Surface Water El.		Elevation	N	Qu t/s.f.	w (%)
				693.6					
699.9	0				693.6				
Ground Surface									
Suspended Augers through Bridge Deck									
675.9	18								
VERY STIFF, GRAY SANDY CLAY (TILL) - Continued									
672.1	14								
HARD, GRAY CLAY (TILL)									
671.9	6								
MEDIUM, BROWN SAND									
670.4	10								
DENSE, BROWN SILTY LOAM									
668.4	12								
End of Boring									
687.4	1								
VERY SOFT, BLACK MUCK and Dirty Sands									
683.9	0								
STIFF, GRAY SANDY CLAY (TILL)									
679.9	4								
VERY STIFF, GRAY SANDY CLAY (TILL)									
655.1	7								
VERY STIFF, GRAY SANDY CLAY (TILL)									

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".

Qu-Unconfined Compressive Strength - t/sf
w - Water Content - percentage of oven dry weight-%.

Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer

SOIL BORING LOGS-#IV
IL. ROUTE 56 OVER
WEST BRANCH DuPAGE RIVER
E.A.P. RTE. 365
SECTION (58&59) WRS-3
DuPAGE COUNTY
STA. 192+38.00
STRUCTURE NO. 022-2027

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-



SHEET NO. S39	F.A. RTE. 365	SECTION (58&59) WRS-3	COUNTY DuPAGE	TOTAL SHEETS 466	SHEET NO. 245
S43 SHEETS					
CONTRACT NO. 62420					
ILLINOIS FED. AID PROJECT					