

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-001VB	COOK	579	383
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	
CONTRACT NO. 60E10				

SHEET NO. 35
37 SHEETS

BORING W-5

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 2
Date 6/25/01

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6, FROM I-294 TO ILLINOIS ROUTE 1
SECT. _____ STRUCT. NO. 016-2754 DRILLED BY PATRICK DRILLING
COUNTY COOK LOCATION NEAR SW CORNER OF BRIDGE S. 17, TWP. 36 N, RNG. 12 E

Boring No. W-5 Station 90+25.59 Offset 68.00ft RT Surface Elev. 604.00 ft

D E P T H
B L O W S
Qu tsf W %

Surface Water Elev. NA
Groundwater Elev. when drilling 603.0
after _____ Hrs. _____

ASPHALT	603.83				
CONCRETE	603.33				
Medium Dense to Dense, Brown SAND		8			14
		12			
		11			
		17			14
		23			
		20			
FILL	598.50				
Stiff to Hard, Gray SILTY CLAY LOAM traces - sand and gravel		7	2.5		10
		20	S		
		25			
		9	6.5		11
		19	S		
		21			
		17	1.8		15
		46	S		
		48			
		16	2.3		12
		34	S		
		42			
Extremely Dense, Gray SILTY LOAM traces - sand and gravel	588.50				
		14			12
		45			
		5051mm			
		502"			11
FOR ROCK CORES SEE PAGE 2	582.00				
		505.5"			

SPT (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

BORING W-5

Everest Engineering Company
STRUCTURE ROCK CORING LOG

Page 2 of 2
Date 6/25/01

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6, FROM I-294 TO ILLINOIS ROUTE 1
SECT. _____ STRUCT. NO. 016-2754 DRILLED BY PATRICK DRILLING
COUNTY COOK

Boring No. W-5 Core Type NX Core Diameter 2 in
Station 90+25.59 Core Length 20 ft
Offset 68.00ft RT Surface Elev. 604.00 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	R E C O V E R Y (%)	R Q D E T H (%)	CORE (Min/ft)	COMP. (tsf)
582.00	DOLOMITE (RACINE FORMATION): Light gray to gray, massive, hard, fine grained, thin to thick bedded	1	96	95	3.5	1302.8
-25.0						
		2	96	92	4.0	1367.5
-30.0						
		3	96	57	3.5	
-35.0						
		4	92	87	4.0	
-40.0						
582.00	END OF BORING					

Color pictures of the cores YES
Cores will be stored for examination until DECEMBER, 2001

3/13/2008 9:15:41 AM
c:\17049\969\structures\2755.w.rr\final\design\dwg\35-borings.w-5.dwg

DESIGNED	DRS
CHECKED	JJG
DRAWN	SOI
CHECKED	JJG

URS
100 South Wacker Drive,
Suite 500
Chicago, IL 60606
(312) 939-1000

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1
SOIL BORINGS W-5

METRA & CN BRIDGE 20.6
OVER U.S. RTE. 6 (159TH STREET)
STATION 91+24.94 STRUCTURE NO. 016-2755
SCALE: _____ DATE: 2/21/2008