O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1235 E. DAWS ST./ARLINGTON HTS., IL 60005
(847)398-1441 • FAX(847) 398-2376

SOIL BORING LOG

PAGE 1 of 1
DATE August 22, 2011
LOGGED BY TOB
OBA JOB No. 11585

ROUTE F.A.P. RTE. 330
DESCRIPTION I-190 Collector-Distribution Roadway Improvements
SECTION 0105-WRS
LOCATION Mannheim Road Reconstruction, I-190 to North of Higgins, Chicago, IL
COUNTY Cook
DRILLING METHOD Straight Flight Auger
HAMMER TYPE CME Automatic

STRUCT. NO. –
Station –
BORING NO. HR-04
Station 504+84
Offset 0.6 ft Right
Ground Surface Elev. 636.7 ft

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter Dry
Upon Completion Dry
After n/a Hrs. n/a

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
ASPHALT, CONCRETE, STONE 635.7				
		4		109
LL=40 PL=21 PI=19		6		
SILTY CLAY-brown & gray-hard (A-6)		7	4.9B	19
		4		109
		6		
	-5	9	4.7B	19
		5		107
		7		
		11	7.3B	20
		5		105
		7		
626.7	-10	10	4.8B	22
End of Boring @ -10.0' CME Automatic Hammer				
	-15			
	-20			
	-25			
	-30			
	-35			
	-40			

BOR-13

DELTA ENGINEERING GROUP, LLC	USER NAME = kkhan	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOG HIGGINS ROAD	F.A.P. RTE. 330	SECTION 0105-WRS	COUNTY COOK / TOTAL SHEETS 537 / SHEET NO. 344
		DRAWN	REVISED -					CONTRACT NO. 60P35
	PLOT SCALE = $SCALE$	CHECKED	REVISED -					
	PLOT DATE = 10/10/2012	DATE 10/19/12	REVISED -		SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT

FILE NAME = c:\caddlib\pw\kkhan\pwgreat_lakes\dms47849\D160P35-sht-bor-13.dgn