

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

SOIL BORING LOG

PAGE 1 of 1
DATE August 25, 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. **NMR-04**
Station 132+47
Offset 52.7 ft Left
Ground Surface Elev. **638.7 ft**

DEPTH (ft)	BLUES (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	DEPTH (ft)	BLUES (ft)	UCS (tsf)	MOIST (%)
				n/a	n/a	First Encounter 630.7				
						Upon Completion 630.7				
						After n/a Hrs. n/a				
Black SAND & GRAVEL FILL 638.2										
CLAY-brown & gray-very stiff (A-6) Fill 636.7										
Black TOPSOIL wet										
Organic Content = 4.7%										
CLAY-brown & gray-stiff to very stiff (A-6) wet 632.7										
End of Boring @ -10.0' CME Automatic Hammer										

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PAGE 1 of 1
DATE August 10, 2011
LOGGED BY JW
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. **NMR-05**
Station 134+17
Offset 12.4 ft Right
Ground Surface Elev. **639.3 ft**

DEPTH (ft)	BLUES (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	DEPTH (ft)	BLUES (ft)	UCS (tsf)	MOIST (%)
				n/a	n/a	First Encounter Dry				
						Upon Completion Dry				
						After n/a Hrs. n/a				
SANDY LOAM-brown-very stiff (A-2-4) Fill 633.3										
LL=35 PL=25 PI=10										
SILTY CLAY-brown & gray-stiff (A-6) wet 629.3										
End of Boring @ -10.0' CME Automatic Hammer										

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SOIL BORING LOG

PAGE 1 of 1
DATE September 7, 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. **NMR-06**
Station 136+94
Offset 6.5 ft Left
Ground Surface Elev. **641.1 ft**

DEPTH (ft)	BLUES (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	DEPTH (ft)	BLUES (ft)	UCS (tsf)	MOIST (%)
				n/a	n/a	First Encounter Dry				
						Upon Completion Dry				
						After n/a Hrs. n/a				
Black SAND & GRAVEL FILL 640.6										
CLAY-brown & gray-very stiff (A-6) Fill 637.6										
Organic Content = 4.7%										
Black SANDY TOPSOIL 635.6										
CLAY-brown & gray-hard (A-6) 631.1										
End of Boring @ -10.0' CME Automatic Hammer										



USER NAME = kktan
DESIGNED
DRAWN
PLOT SCALE = *SCALE*
PLOT DATE = 10/10/2012

DESIGNED
DRAWN
CHECKED
DATE 10/19/12

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG
MANNHEIM ROAD

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	0105-WRS	COOK	537	333
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

BOR-2