


Page 1 of 2



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Date 3/3/08

Page 1 of 2

ROUTE Bypass 20, FAP 301 DESCRIPTION P92-075-08 US Bypass 20 Bridge over Rock River Channel, 5 m. E. of I.R. 2 over Rock River LOGGED BY W. Garza

SECTION 13, 41 B LOCATION Rockford Twp., 10 NE SEC., TWP. 43N, R9G. 1E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic


STRUCT. NO. 101-0195 & 0196 Station 483+56

BORING NO. B-5 Station 485+30 Offset 5,091 RL CL Ground Surface Elev. 710.5 ft

Description	D	B	U	M	Surface Water Elev. ft	D	B	U	M	Elev. ft	D	B	U	M
LOOSE brown moist SANDY GRAVEL					689.00	3	4	1.2	28					
MEDIUM brown SANDY GRAVEL					706.00	3	6	0.5	27					
MEDIUM tan SANDY GRAVEL					704.00	3	5							
LOOSE tan/brown medium SAND					701.50	4	4							
LOOSE brown SAND					698.50	2	3							
STIFF gray SANDY LOAM					696.50	3	4	1.9	15					
VERY STIFF gray LOAM with GRAVEL					694.00	8	11	3.5	11					
STIFF gray LOAM					691.50	7	8	1.5	18					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)-Bulge, (S)-Shear, (P)-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) BRS, form 137 (Rev. 8-99)

Page 2 of 2



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Date 3/3/08

Page 2 of 2

ROUTE Bypass 20, FAP 301 DESCRIPTION P92-075-08 US Bypass 20 Bridge over Rock River Channel, 5 m. E. of I.R. 2 over Rock River LOGGED BY W. Garza

SECTION 13, 41 B LOCATION Rockford Twp., 10 NE SEC., TWP. 43N, R9G. 1E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 101-0195 & 0196 Station 483+56

BORING NO. B-5 Station 485+30 Offset 5,091 RL CL Ground Surface Elev. 710.5 ft

Description	D	B	U	M	Surface Water Elev. ft	D	B	U	M	Elev. ft	D	B	U	M
Wash DENSE tan clean medium coarse SAND					669.00	8	9							
Wash DENSE tan fine SAND					686.00	13	17							
Wash MEDIUM tan clean medium coarse SAND					664.00	9	9							
Wash DENSE tan clean medium coarse SAND					659.00	11	14							
Wash DENSE tan clean medium coarse SAND					654.00	11	10							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)-Bulge, (S)-Shear, (P)-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) BRS, form 137 (Rev. 8-99)

Existing Sta. 483+58.69 = New Sta. 922+44.69

DESIGNED -	EXAMINED	DATE - OCTOBER 4, 2013	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS</b> <b>STRUCTURE NO. 101-0195 (E.B.) &amp; 101-0196 (W.B.)</b>	F.A.P. RTE. 301	SECTION 3BR & 3BR-1	COUNTY WINNEBAGO	TOTAL SHEETS 290	SHEET NO. 153	
CHECKED -	PASSED	REVISED			SHEET NO. 54 OF 55 SHEETS					
DRAWN -		REVISED			ILLINOIS FED. AID PROJECT					
CHECKED -					CONTRACT NO. 64D19					