

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING NO. 2a  
STA. 400+93  
26' LT. OF  $\phi$  RDWY.

BORING NO. 3a  
STA. 398+46  
11' LT. OF  $\phi$  RDWY.

BORING NO. 3a  
STA. 398+46  
11' LT. OF  $\phi$  RDWY.



ROCK CORE LOG

Page 1 of 1

Date 1/10/07

ROUTE FAP 301 DESCRIPTION P92-060-08 Bridge over Bypass 20, Weldon Road over Business 20, .25 m. S. of BR 20 LOGGED BY J. Straling

SECTION (1-1HB-1) D LOCATION Winnebago Twp. - 2SW, SEC., TWP. 26N, RNG. 11E

COUNTY Winnebago CORING METHOD

STRUCT. NO.	CORING BARREL TYPE & SIZE	DEPTH (ft)	RECOVERED (%)	QUANTITY (%)	CORE DIAMETER (in)	STRENGTH (tsf)
B-2a Station 9+28 Offset 36.00R RI CL Ground Surface Elev. 79.50 ft	Core Diameter 2 in Top of Rock Elev. 77.00 ft Begin Core Elev. 75.50 ft	75.50	100	67	1.2	284.0
Dolomite: yellow-tan, intact & sound, relatively porous, pitted and grainy t.s.f.: 73.5 to 72.8						
70.50						
Dolomite: as above, t.s.f.: 67.5 to 68.8						
65.50						
Dolomite: as above, t.s.f.: 63.5 to 62.8						
60.50						
End of Boring						

Color pictures of the cores \_\_\_\_\_  
Cores will be stored for examination until \_\_\_\_\_  
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)  
BBS, form 138 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

Date 1/18/07

ROUTE FAP 301 DESCRIPTION P92-060-08 Bridge over Bypass 20, Weldon Road over Business 20, .25 m. S. of BR 20 LOGGED BY J. Straling

SECTION (1-1HB-1) D LOCATION Winnebago Twp. - 2SW, SEC., TWP. 26N, RNG. 11E

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

STRUCT. NO.	DEPTH (ft)	BL (ft)	LOGS (ft)	UCS (tsf)	QU (%)	MOISTURE (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion After (Hrs)	DEPTH (ft)	BL (ft)	LOGS (ft)	UCS (tsf)	QU (%)	MOISTURE (%)
B-3a Station 11+49 Offset 11.00R RI CL Ground Surface Elev. 99.00 ft							None	79.00								
MEDIUM brown SILTY LOAM																
				0.5	14.0											
STIFF tan/brown SANDY LOAM with LIMESTONE																
	96.50	10														
	95.00	12	9	1.0	10.0			77.50								
MEDIUM tan weathered LIMESTONE with SANDY LOAM lens																
	92.50	10	9													
MEDIUM tan SANDY LOAM with LIMESTONE																
	90.00	9	8	0.5	10.0											
VERY STIFF brown/gray SILTY CLAY LOAM																
	87.50	4	5	3.0	20.0											
STIFF tan/brown SILTY LOAM																
	85.00	2	2	1.3	22.0											
STIFF brown SILTY LOAM																
	82.50	3	6	2.0	13.0											
HARD red/brown CLAY LOAM TILL																
	79.50	3	7	4.5	17.0											
End of Boring																

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)  
BBS, from 137 (Rev. 8-99)

Note:  
To correct Boring Logs B-2a, B-3a, B-4a & B-5a to Plan Datum, add 733.12 to Elevation Value in Boring Logs.



ROCK CORE LOG

Page 1 of 1

Date 1/18/07

ROUTE FAP 301 DESCRIPTION P92-060-08 Bridge over Bypass 20, Weldon Road over Business 20, .25 m. S. of BR 20 LOGGED BY J. Straling

SECTION (1-1HB-1) D LOCATION Winnebago Twp. - 2SW, SEC., TWP. 26N, RNG. 11E

COUNTY Winnebago CORING METHOD

STRUCT. NO.	CORING BARREL TYPE & SIZE	DEPTH (ft)	RECOVERED (%)	QUANTITY (%)	CORE DIAMETER (in)	STRENGTH (tsf)
B-3a Station 11+49 Offset 11.00R RI CL Ground Surface Elev. 99.00 ft	Core Diameter 2 in Top of Rock Elev. 79.50 ft Begin Core Elev. 76.00 ft	76.00	100	90	1.4	0.0
Dolomite: yellow-tan, porous, pitted and grainy, with fracturing evident.						
71.00						
Dolomite: as above, though less fractured. t.s.f.: 69.0 to 68.6						
66.00						
Dolomite: as above, with improved integrity. t.s.f.: 62.4 to 61.9						
61.00						
End of Boring						

Color pictures of the cores \_\_\_\_\_  
Cores will be stored for examination until \_\_\_\_\_  
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)  
BBS, form 138 (Rev. 8-99)

DESIGNED SCD
CHECKED DRB
DRAWN THW
CHECKED SCD



IE CONSULTANTS, INC  
6420 SOUTH SIXTH STREET  
SPRINGFIELD, ILLINOIS 62712  
TEL. (217) 529-8027  
FAX (217) 529-4643  
WWW.IE-CONSULTANTS.COM

SOIL BORINGS  
S.N. 101-0120

SHEET NO. 32 OF 34 SHEETS	F.A.P. RTE. 301	SECTION (1-1HB-1)D	COUNTY WINNEBAGO	TOTAL SHEETS 55	SHEET NO. 48
	CONTRACT NO. 64E11				
ILLINOIS FED. AID PROJECT					