

**BORING NO. B-01**  
DATE: 04-26-10  
W. & A. FILE NO.: 5277

**WHITNEY & ASSOCIATES**  
INCORPORATED  
2408 West Nebraska Avenue  
PEORIA, ILLINOIS 61604

**BORING LOG**

PROJECT: STARK COUNTY BRIDGE - SECTION NO. 10-00163-00-BR  
LOCATION: Stark County, Illinois  
Soil Plot Plan Sheet

BORING LOCATION: Hollow Stem Auger  
DRILLED BY: Fairly Cloudy & Wind

BORING TYPE: U.S.B.C.  
WEATHER CONDITIONS: Fairly Cloudy & Wind

SOIL CLASSIFICATION SYSTEM: U.S.B.C.  
SEEPAGE WATER ENCOUNTERED AT ELEVATION: (-)13.5 FL.

GROUND SURFACE ELEVATION: 0.0  
GROUND WATER ELEVATION AT COMPLETION: (-)11.8 FL.

BORING DISCONTINUED AT ELEVATION: (-)61.0 FL.

DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qc	Dc	Mc
5'						
11'						
04	SS	2 3 3(6)	1.0	0.9	97	22
	SS	3 3 4(7)	1.8	1.7	101	20
08	SS	3 3 3(6)	0.7	0.6	100	20
	SS	3 3 3(6)	1.0	0.9	103	19
12	SS	3 3 4(7)	-	-	-	16
	SS	3 4 4(8)	-	-	-	-
16	SS	3 4 4(8)	-	-	-	-
	SS	3 4 5(9)	-	-	-	-
20	SS	12 16(26)	-	-	-	-
	SS	15 20 24(44)	-	-	-	-

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER FALLING 30 INCHES  
Qp - UNCONFIRMED COMPRESSIVE STRENGTH - T.S.F.  
Qc - CALIBRATED PENETROMETER READING - T.S.F.  
Dc - NATURAL DRY DENSITY - P.C.F.  
Mc - NATURAL MOISTURE CONTENT - %

SS - SPLIT SPoon SAMPLE  
ST - Shelby Tube Sample

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**BORING LOG**  
(CONTINUATION)

PROJECT: Stark County Bridge, Section #10-00163-00-BR  
LOCATION: Stark County, Illinois

SHEET 2 OF 9  
W. & A. FILE NO. 5277

DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qc	Dc	Mc
See Sheet 1 of 9						
	SS	20 22 24(46)	-	-	-	-
30	SS	12 9 10(19)	1.3	1.2	117	15
	SS	5 8 10(18)	-	-	-	-
34	SS	11 18 24(42)	-	-	-	-
	SS	16 20 24(44)	-	-	-	-
46	SS	13 15 19(34)	-	-	-	-
	SS	20 24 27(51)	-	-	-	-

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SHEET 3 OF 9  
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DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qc	Dc	Mc
See Sheet 2 of 9						
60	SS	18 22 25(47)	-	-	-	-
64						
68						
72						
76						
80						
84						

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**BORING B-01**  
Sta. 100+00 (10' R.I.)