ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS
C.H. 7	03-00016 -00-BR	TAZEWELL	23
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-

CONTRACT NO. 89296

WHITNEY & ASSOCIATES INCORPORATED
2406 West Nebraska Avenue
PEORIA, ILLINOIS 61604

BORING LOG

BORING NO. B-01
DATE 2-21-05
W. & A. FILE NO. 4107
SHEET 1 OF 4
PROJECT TOWNLINE ROAD BRIDGE; #03-00016-00-BR (CH-7) LOCATION Tazewell County, IL
BORING LOCATION Station 10+22; 15' Left of Centerline DRILLED BY Fehl
BORING TYPE Hollow-Stem Auger WEATHER CONDITIONS Partly Cloudy & Mild
SOIL CLASSIFICATION SYSTEM U.S.B.S.C. SEEPAGE WATER ENCOUNTERED AT ELEVATION (-)11.0 Ft.
GROUND SURFACE ELEVATION (460.9) 99.9 GROUND WATER ELEVATION AT – HRS. –
BORING DISCONTINUED AT ELEVATION 48.9 GROUND WATER ELEVATION AT COMPLETION (-)10.5 Ft.
CAVE-IN

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Dark Brown SANDY CLAY Organic Topsoil	6"						
Medium To Soft, Dark Brown SILTY CLAY With Some Fine- To Medium-Grained Sand (Fill)	04	SS	2 2 1(3)	0.7	0.6	102	15
		SS	2 1 2(3)	0.5	0.4	97	18
	08	SS	2 2 2(4)	0.7	0.4	97	17
(451.3)							
Loose, Brown, Fine- To Coarse-Grained SAND With Some Fine-Grained Gravel		SS	2 2 3(5)	–	–	–	11
(448.8)	12						
Medium-Density, Brown, Fine- To Coarse-Grained SAND		SS	5 7 8(15)	–	–	–	15
	16	SS	5 6 8(14)	–	–	–	–
(444.0)							
Medium-Density, Light Brown, Fine- To Medium-Grained SAND		SS	7 9 8(17)	–	–	–	–
(441.1)							
Medium-Density, Brown, Fine- To Coarse-Grained SAND	20	SS	5 8 12(20)	–	–	–	–
		SS	6 8 11(19)	–	–	–	–
	24	SS	8 13 16(29)	–	–	–	–

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER FALLING 30 INCHES
SS - SPLIT SPOON SAMPLE
ST - SHELBY TUBE SAMPLE

Qp - CALIBRATED PENETROMETER READING - T.S.F.
Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.
Dd - NATURAL DRY DENSITY - P.C.F.
Mc - NATURAL MOISTURE CONTENT - %

WHITNEY & ASSOCIATES PEORIA, ILLINOIS

BORING LOG (CONTINUATION)

BORING NO. B-01 DATE 2-21-05
PROJECT Townline Road Bridge; #03-00016-00-BR (CH-7) SHEET 2 OF 4
LOCATION Tazewell County, Illinois W. & A. FILE NO. 4107

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
See Sheet 1 of 4							
		SS	9 12 17(29)	–	–	–	–
(431.2)							
Medium-Density, Brown, Fine- To Coarse-Grained SAND With Occasional Fine-Grained Gravel	30	SS	7 12 15(27)	–	–	–	–
	34	SS	6 11 13(24)	–	–	–	–
	38	SS	7 13 14(27)	–	–	–	–
	42	SS	6 12 18(30)	–	–	–	–
(413.0)							
Dense, Brown, Fine- To Coarse-Grained SAND With Occasional Fine-Grained Gravel	46	SS	9 14 19(33)	–	–	–	–
(409.1)							
EXPLORATORY BORING DISCONTINUED	50						
461.0 NOTE: Benchmark (100.0) Center Of Existing Bridge Station 10+00	54						

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER FALLING 30 INCHES
SS - SPLIT SPOON SAMPLE
ST - SHELBY TUBE SAMPLE

Qp - CALIBRATED PENETROMETER READING - T.S.F.
Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.
Dd - NATURAL DRY DENSITY - P.C.F.
Mc - NATURAL MOISTURE CONTENT - %

WHITNEY & ASSOCIATES PEORIA, ILLINOIS

BORING 1

HLR
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217-546-3400
P.O. Box 1036
DuQuoin, Illinois 62832
618-790-4637

Account Number 12-91-0014-1
Date: 03/22/06
DESIGNED: S.M.S. CHECKED: S.W.M. DRAWN: D.B.

BORING 1
C.H. 7 / TOWNLINE ROAD
SECTION 03-00016-00-BR
TAZEWELL COUNTY
STR. NO. 090-3237 STATION 10+75