

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-031 BY	WILL	137	83
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EXISTING BORING B-5

EXISTING BORING B-6

EXISTING BORING B-7

BORING LOG B-5 Page 1 of 1

Client: **Globe Trotters Engineering Corp.**
Project: **I-55 over CSX Transportation R.R.**
Location: **Will County, Illinois**

Datum: NGVD
Elevation: 577.72 ft
North: 1751346.49 ft
East: 1021458.96 ft
Station: 1075+25.00
Offset: 11RT

BORING LOG B-6 Page 1 of 1

Client: **Globe Trotters Engineering Corp.**
Project: **I-55 over CSX Transportation R.R.**
Location: **Will County, Illinois**

Datum: NGVD
Elevation: 550.32 ft
North: 1751270.72 ft
East: 1021480.45 ft
Station: 1076+08.00
Offset: 27RT

BORING LOG B-7 Page 1 of 1

Client: **Globe Trotters Engineering Corp.**
Project: **I-55 over CSX Transportation R.R.**
Location: **Will County, Illinois**

Datum: NGVD
Elevation: 551.09 ft
North: 1751151.92 ft
East: 1021478.37 ft
Station: 1076+73.50
Offset: 27RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
577.7	4-inch thick ASPHALT, 14-inch thick CONCRETE with rebar --PAVEMENT--	0	1	5	NP	11							
576.2	Gravel	4	2	4	NP	18							
575.7	--BASE COURSE-- Sandy Loam, with some gravel, medium dense, moist, brown, with occasional cobble and small boulder	5	3	5	NP	18							
	--FILL--	5	4	16	NP	8							
		10	5	8	NP	9							
566.7	Silty Clay Loam, very stiff, moist, brown, with occasional cobble and small boulder	15	6	13	NP	10							
	--FILL--	16	7	13	NP	13							
563.7	Sandy Loam, with some gravel, medium dense to very dense, moist, brown, with occasional cobble and boulder	16	8	15	NP	10							
	--FILL--	16	9	13	NP	13							
		20	10	12	NP	16							
		25	11	16	NP	7							

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
550.3	Sand, Gravel and Cinders	0	1	6	NP	15							
549.7	--FILL-- Gravel and Clay Loam, medium dense, moist, brown, with trace to some cinders after 2.5'	1	2	8	NP	14							
	--FILL--	1	3	10	NP	14							
		2	4	12	NP	14							
543.8	Clay, stiff, moist, brown	3	5	2	120	22							
542.3	Sand and Gravel, dense, very moist, brown, with occasional cobbles	4	6	7	NP	14							
542.7	Loam, with some gravel, medium to stiff, moist, brown, with occasional cobble and boulder	35	7	19	0.75	15							
539.3	Loam, very stiff, moist, gray	15	8	14	3.60	10							
537.3	Silty Clay, very stiff, moist, gray	15	9	5	2.80	15							
535.3	Fine to Medium Sand, dense, wet, gray, with limestone fragment	15	10	5	NP								
533.3	Limestone, low bedding planes, hard, fine to medium grained, light gray, slightly vuggy, clay filled vertical fracture from 19.7'-20', extremely weathered limestone seams at 21.7', 24.6', 24.8', 25.8'	20	11	50/2"									
	Run#1: REC=74%, RQD=35%												
	Run#2: REC=100%, RQD=63%												

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
551.1	Cinders, Sand and Gravel	0	1	7	NP								
	--FILL--	1	2	5	NP	19							
547.1	Sand and Gravel, loose, moist, brown, trace cinder, with occasional cobble and small boulder	2	3	4	NP	12							
544.6	--POSSIBLE FILL-- Sandy Loam and Gravel, medium dense, moist, brown, with occasional cobble and boulder	3	4	8	NP	15							
540.1	Clay Loam, hard, moist, gray, with occasional cobble and boulder	5	5	4	6.90	10							
536.6	Weathered Limestone	16	6	27	4.50	10							
533.6	Limestone, low bedding planes, hard, fine to medium grained, light gray, slightly vuggy, badly fractured from 17.6'-18.5', 22.5'-22.9', vertical fractures from 22.9'-23.3', 24.2'-24.5'	20	7	1		62							
	Run#1: REC=90%, RQD=62%												
	Run#2: REC=100%, RQD=18%												
526.6		25	8			18							

GENERAL NOTES

Begin Drilling: 11-14-1991 Complete Drilling: 11-14-1991

Drilling Contractor: Drill Rig: D-120

Driller: M. Plumeri Checked by:

Drilling Method:

WATER LEVEL DATA

While Drilling: 36.00 ft

At Completion of Drilling: DRY

Time After Drilling: NA

Depth to Water: NA

GENERAL NOTES

Begin Drilling: 11-11-1991 Complete Drilling: 11-11-1991

Drilling Contractor: Drill Rig: D-120

Driller: M. Plumeri Checked by:

Drilling Method:

WATER LEVEL DATA

While Drilling: 10.50 ft

At Completion of Drilling: DRY

Time After Drilling: NA

Depth to Water: NA

GENERAL NOTES

Begin Drilling: 11-12-1991 Complete Drilling: 11-13-1991

Drilling Contractor: Drill Rig: D-120

Driller: M. Plumeri Checked by:

Drilling Method:

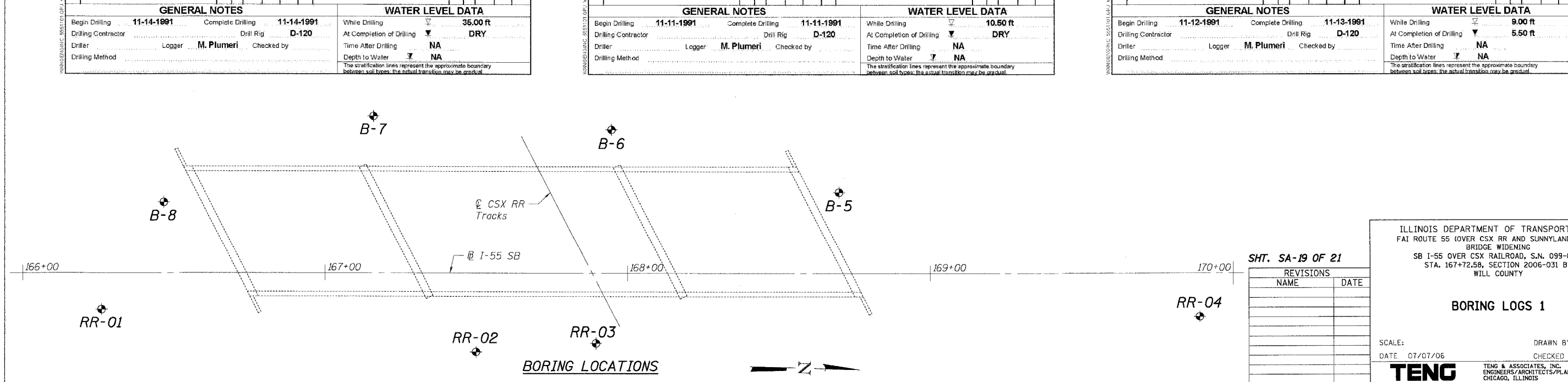
WATER LEVEL DATA

While Drilling: 9.00 ft

At Completion of Drilling: 5.50 ft

Time After Drilling: NA

Depth to Water: NA



SHT. SA-19 OF 21

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (OVER CSX RR AND SUNNYLAND DRAIN)
 BRIDGE WIDENING
 SB I-55 OVER CSX RAILROAD, S.N. 099-0312
 STA. 167+72.58, SECTION 2006-031 BY
 WILL COUNTY

BORING LOGS 1

SCALE: DRAWN BY: MDB
 DATE: 07/07/06 CHECKED BY: MJK

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 07/07/06
 PLOT SCALE = AS CALLED
 USER NAME = JUSER