

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 338	114R-1	WILL	355	274
SHEETS				

Contract # 62416

**Wang Engineering, INC.**  
Consulting Geotechnical and Environmental Engineers  
wangeng3@wangeng.com  
1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

**BORING LOG RW3-6**  
WEI Job No.: 790-05-01  
Client: **TransSystems Corporation**  
Project: **RT 59 (FAP 338) Reconstruction, IDOT D-91-123-02**  
Location: **T35N R9E, Will County, Illinois**

Datum: NGVD  
Elevation: 595.86 ft  
North: 1770152.60 ft  
East: 1021082.44 ft  
Station: 3048+11.77  
Offset: 20.44 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	CU (tsf)	Moisture Content (%)
595.86	2-inch thick ASPHALT --PAVEMENT--	0					595.86	Very dense, gray, gravelly LOAM	10	10	NP	9	
595.86	4-inch thick CONCRETE RUBBLE --BASE COURSE--	1	4	4			595.86	--WEATHERED BEDROCK--	11	11	NP	6	
595.86	6-inch thick CONCRETE --PAVEMENT--	2	5	5			597.3	Boring terminated at 28.58 ft	30				
595.86	12-inch thick CRUSHED STONE --BASE COURSE--	3	6	6	1.50	21							
595.86	6-inch thick CONCRETE Stiff to very stiff, black and gray CLAY --FILL--	4	7	7	2.75	26							
595.86	Very stiff to hard, gray CLAY, with silt interbeds	5	8	8	2.75	23							
595.86		10	9	9	4.51	22							
595.86		15	10	10	4.51	22							
595.86	Medium dense to very dense, gray SILT	16	11	11	NP	11							
595.86		20	12	12	NP	19							
595.86		25	13	13	NP	22							
595.86	Stiff, gray, gravelly SANDY CLAY LOAM	26	14	14	1.72	18							
595.86	Dense, gray SANDY GRAVEL	27	15	15	NP	5							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-17-2003	Complete Drilling	04-17-2003	While Drilling	▽	20.50 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME-75 ATV	At Completion of Drilling	▽	16.00 ft	
Driller	K&J	Logger	J. Kasnick	Checked by	N. Davis	Time After Drilling	NA
Drilling Method	3.25 ID HSA; Boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

**Wang Engineering, INC.**  
Consulting Geotechnical and Environmental Engineers  
wangeng3@wangeng.com  
1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

**BORING LOG RW3-7**  
WEI Job No.: 790-05-01  
Client: **TransSystems Corporation**  
Project: **RT 59 (FAP 338) Reconstruction, IDOT D-91-123-02**  
Location: **T35N R9E, Will County, Illinois**

Datum: NGVD  
Elevation: 595.02 ft  
North: 1770078.82 ft  
East: 1021086.22 ft  
Station: 3047+38.22  
Offset: 24.17 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	CU (tsf)	Moisture Content (%)
594.52	2-inch thick ASPHALT --PAVEMENT--	0					594.52	Very dense, gray, gravelly LOAM	10	10	NP	9	
594.52	4-inch thick CONCRETE RUBBLE --BASE COURSE--	1	1	1			594.52	--WEATHERED BEDROCK--	11	11	NP	6	
594.52	6-inch thick CONCRETE --PAVEMENT--	2	2	2			597.3	Boring terminated at 28.58 ft	30				
594.52	12-inch thick CRUSHED STONE --BASE COURSE--	3	3	3	4.02	27							
594.52	6-inch thick CONCRETE Hard, brown and gray CLAY with interbedded silt lenses	4	4	4	4.26	27							
594.52		5	5	5	4.16	25							
594.52		10	6	6	4.16	25							
594.52	Medium dense to very dense, gray SILT to SILTY LOAM	15	7	7	NP	16							
594.52		20	8	8	NP	17							
594.52		25	9	9	NP	19							
594.52	Very stiff, gray SILTY CLAY	26	10	10	2.00	27							
594.52	--WEATHERED BEDROCK--	27	11	11	NP	5							
594.52	Boring terminated at 19.83 ft	30											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-17-2003	Complete Drilling	04-17-2003	While Drilling	▽	15.50 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME-75 ATV	At Completion of Drilling	▽	14.50 ft	
Driller	K&J	Logger	J. Kasnick	Checked by	N. Davis	Time After Drilling	NA
Drilling Method	3.25 ID HSA; Boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

DESIGNED	SLC
CHECKED	MDS
DRAWN	MDS
CHECKED	SLC

**BORING LOGS III**  
RETAINING WALL ALONG IL ROUTE 59  
F.A.P. ROUTE 338 SECTION 114R-1  
WILL COUNTY  
STATION 3047+20.51 TO STATION 3051+44.64  
STRUCTURE NO. 099-W016

**TranSystems**  
8051 PERIMETER DRIVE, SUITE 1025  
SCHMIDT, IL 60173-5098  
TEL: (847) 600-3000  
FAX: (815) 605-9510

S:\Users\jcasnick\Documents\2002\STRUCTURAL\Sheets\blawall3.sht