

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 308	SECTION *	COUNTY ROCK ISLAND	TOTAL SHEETS 210	SHEET NO. 112	SHEET NO. 28 31 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

Contract #64814 * 1(HB,HB-1,VB,HB-2)R

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG Page 1 of 2

Date 4/26/04

ROUTE FAP 308 DESCRIPTION P-92-044-02 IL 92 bridge (Centennial Expressway) over 31st Avenue LOGGED BY C. Jenkins

SECTION 1(HB, HB-1, VB, HB-2)R LOCATION . SEC., TWP., RNG.

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diehdich Automatic

STRUCT. NO. Station 421+14

BORING NO. B-3c Station 421+59
Offset 60.00ft Lt CL Median
Ground Surface Elev. 80.7 ft

Description	D	B	U	M	Surface Water Elev. None ft	Stream Bed Elev. None ft	Groundwater Elev. First Encounter Upon Completion After Hrs.	D	B	U	M	Elev. (ft)	Penetration (blows)	SPT (N value)
MEDIUM tan fine SAND under asphalt shoulder														
MEDIUM gray fine grained SAND														
VERY STIFF black SANDY LOAM with GRAVEL & SAND lenses														
STIFF black SANDY LOAM with GRAVEL & SAND lenses														
MEDIUM black SANDY LOAM with GRAVEL														
STIFF gray SILTY CLAY with SAND lenses and ORGANICS														
MEDIUM tan fine SAND														
LOOSE tan/brown SAND & GRAVEL														

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 T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG Page 2 of 2

Date 4/26/04

ROUTE FAP 308 DESCRIPTION P-92-044-02 IL 92 bridge (Centennial Expressway) over 31st Avenue LOGGED BY C. Jenkins

SECTION 1(HB, HB-1, VB, HB-2)R LOCATION . SEC., TWP., RNG.

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diehdich Automatic

STRUCT. NO. Station 421+14

BORING NO. B-3c Station 421+59
Offset 60.00ft Lt CL Median
Ground Surface Elev. 80.7 ft

Description	D	B	U	M	Surface Water Elev. None ft	Stream Bed Elev. None ft	Groundwater Elev. First Encounter Upon Completion After Hrs.	D	B	U	M	Elev. (ft)	Penetration (blows)	SPT (N value)
Wash														
STIFF gray SILTY CLAY TILL														
Wash														
STIFF gray SILTY CLAY														
STIFF gray/black SILTY LOAM														
VERY DENSE gray weathered LIMESTONE														
Same as above														
Borehole continued with rock coring.														

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 T206)

BBS, from 137 (Rev. 8-99)

t:\2082\structure\20440235B3.dgn

DESIGNED
CHECKED
DRAWN
CHECKED

LOCHNER
H.W. LOCHNER, INC., CHICAGO, ILLINOIS

SOIL BORINGS 3
IL ROUTE 92 (CENTENNIAL EXPRESSWAY)
OVER 31st AVENUE
FAP ROUTE 308 SEC. 1(HB-2)R
ROCK ISLAND COUNTY
STATION 1470+70.31
STRUCTURE NO. 081-0172 (SB)
STRUCTURE NO. 081-0173 (NB)