ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 827	12Z-3, 12BR	WABASH, IL GIBSON, IN	158	126
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	

BRIDGE SHEET S110 OF S114

CONTRACT 94450

Bore Log

Sheet 1 of 3

Date 2/28, 3/1,5,6/2002

PROJECT	FAP 827	DESCRIPTION	Wabash River Crossing
ROUTE	IL Rt. 15/IN Rt. 64	LOCATION	T1S, R12W, Section 26, SW 1/4
SECTION	12BR, 12Z-3	DRILL METHOD	CME 750/Hollow stem auger/wash bore
COUNTY	Wabash - IL / Gibson - IN	HAMMER TYPE	Automatic Hammer
STRUCTURE NO.	Exist. 093-0014 Prop. 093-0021	Drilled By	Harriss Drilling
		Checked By	SCI

Boring No.: B-118
Station: 1048+45
Offset: 25' Right
Ground Surface El. 390.90

Surface Water Elevation:
Groundwater Elevation
First Encountered: 381.90
Upon Completion: 382.75
After 48 Hours:383.90/Collapse:379.48
Mud Rotary Start Elevation: 377.40

Description	Depth (ft) El.	N	Qu t/sf	W %
Medium Stiff Brown, Moist SILTY CLAY, trace Brick - FILL				
A-6		2 2 3	1.25 P	28.2
	387.90			
Medium Stiff Brown, Moist CLAYEY SILT, some Sand				
A-4	5	2 3 4	0.5 P	23.9
	385.40			
Very Soft Brown, Wet CLAYEY SILT, little Sand				
A-4		0 1 1	--	27.7
	382.90			
Loose Brown Medium to Fine SAND				
Groundwater ▽				
A-2	10	0 2 2	--	
	380.40			
Loose Brown Fine SAND, some Silt				
A-2		2 1 3	--	
	377.90			
Medium Dense Brown Fine SAND, some Silt				
A-2	15	3 4 6	--	
	375.90			
Medium Dense Brown Coarse to Fine SAND, some Fine Gravel				
A-1-b	20	7 6 5	--	
		4 6 7	--	
		5 5 4	--	

Description	Depth (ft) El.	N	Qu t/sf	W %
Medium Dense Brown and Gray Coarse to Fine SAND, some Fine Gravel				
A-2	25	3 3 7	--	
	360.40			
Medium Dense Brown Medium to Fine SAND, trace Fine Gravel				
A-2 (determined by laboratory analysis)	35	7 10 13	--	
	355.40			
Medium Dense Brown Coarse to Fine SAND, some Fine Gravel				
A-1-b	40	6 10 11	--	
	350.40			
Medium Dense Brown and Gray Coarse to Fine SAND, some Fine Gravel				
A-2	45	5 7 8	--	
		6 8 14	--	

Standard Penetration Test (N-value) - Blows per foot to drive 2-inch O.D. split spoon sampler 12-inches with a 140# Hammer falling 30-inches. Failure Type: B-Bulge; S-Shear; P-Penetrometer Test; E-Estimated
Qu - Unconfined Compressive Strength (t/sf)
W - water content (percentage of oven dry weight - %)
AASHTO Designations are estimated unless otherwise noted and determined by laboratory analysis

Bore Log

Sheet 2 of 3

Date 2/28, 3/1,5,6/2002

PROJECT	FAP 827	DESCRIPTION	Wabash River Crossing
ROUTE	IL Rt. 15/IN Rt. 64	LOCATION	T1S, R12W, Section 26, SW 1/4
SECTION	12BR, 12Z-3	DRILL METHOD	CME 750/Hollow stem auger/wash bore
COUNTY	Wabash - IL / Gibson - IN	HAMMER TYPE	Automatic Hammer
STRUCTURE NO.	Exist. 093-0014 Prop. 093-0021	Drilled By	Harriss Drilling
		Checked By	SCI

Boring No.: B-118
Station: 1048+45
Offset: 25' Right
Ground Surface El. 390.90

Surface Water Elevation:
Groundwater Elevation
First Encountered: 381.9
Upon Completion: 382.75
After 48 Hours:383.90/Collapse:379.48
Mud Rotary Start Elevation: 377.4

Description	Depth (ft) El.	N	Qu t/sf	W %
	345.40			
Medium Dense Brown and Gray Medium to Fine SAND, trace Fine Gravel				
A-2	50	7 13 15	--	
	338.90			
Medium Dense Brown and Gray Medium to Fine SAND				
A-2 (determined by laboratory analysis)	55	6 11 16	--	
	333.90			
Dense Brown and Gray Coarse to Fine SAND, trace Fine Gravel				
A-2	60	6 13 15	--	
	328.90			
Medium Dense, Brown and Gray Coarse to Fine SAND, trace Fine Gravel and Coal				
	65	6 9 11	--	
	323.90			

Description	Depth (ft) El.	N	Qu t/sf	W %
Dense Brown Medium to Fine SAND, trace Fine Gravel				
A-2 (determined by laboratory analysis)	70	10 17 17	--	
	318.90			
Medium Dense Brown Coarse to Fine SAND, little Fine Gravel				
A-2	75	9 9 7	--	
	310.90			
Dense Gray Coarse to Fine SAND, some Silt and little Fine Gravel	80			
A-2	85	10 17 24	--	
	98			

Standard Penetration Test (N-value) - Blows per foot to drive 2-inch O.D. split spoon sampler 12-inches with a 140# Hammer falling 30-inches. Failure Type: B-Bulge; S-Shear; P-Penetrometer Test; E-Estimated
Qu - Unconfined Compressive Strength (t/sf)
W - water content (percentage of oven dry weight - %)
AASHTO Designations are estimated unless otherwise noted and determined by laboratory analysis

Bore Log

Sheet 3 of 3

Date 2/28, 3/1,5,6/2002

PROJECT	FAP 827	DESCRIPTION	Wabash River Crossing
ROUTE	IL Rt. 15/IN Rt. 64	LOCATION	T1S, R12W, Section 26, SW 1/4
SECTION	12BR, 12Z-3	DRILL METHOD	CME 750/Hollow stem auger/wash bore
COUNTY	Wabash - IL / Gibson - IN	HAMMER TYPE	Automatic Hammer
STRUCTURE NO.	Exist. 093-0014 Prop. 093-0021	Drilled By	Harriss Drilling
		Checked By	SCI

Boring No.: B-118
Station: 1048+45
Offset: 25' Right
Ground Surface El. 390.90

Surface Water Elevation:
Groundwater Elevation
First Encountered: 381.9
Upon Completion: 382.75
After 48 Hours:383.90/Collapse:379.48
Mud Rotary Start Elevation: 377.4

Description	Depth (ft) El.	N	Qu t/sf	W %
	300.40			
Dense Brown and Gray Medium to Fine SAND, some Silt				
A-2	95	9 14 18	--	
	290.90			
Dense Gray Coarse to Fine SAND, some Silt and trace Fine Gravel				
A-2	105	19 22 24	--	8.8
	280.90			
Dense Brown Coarse to Fine SAND, little Fine Gravel				
A-2				

Description	Depth (ft) El.	N	Qu t/sf	W %
	115	16 26 33	--	
	273.90			
Driller encountered rock at 117 feet				
Driller advanced boring to 118 feet.				
Gray Clayey SHALE	120			
Refer to the Rock Core Log for additional information.				
	125			
	130			
	135			

Standard Penetration Test (N-value) - Blows per foot to drive 2-inch O.D. split spoon sampler 12-inches with a 140# Hammer falling 30-inches. Failure Type: B-Bulge; S-Shear; P-Penetrometer Test; E-Estimated
Qu - Unconfined Compressive Strength (t/sf)
W - water content (percentage of oven dry weight - %)
AASHTO Designations are estimated unless otherwise noted and determined by laboratory analysis

DESIGNED	CDF
CHECKED	ADD
DRAWN	CDF
CHECKED	ADD

benesch

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312-565-0450
Job No. 3426

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL ROUTE 15/IN ROUTE 64
OVER WABASH RIVER PUBLIC WATERS
FAP 827 SECT 12Z-3, 12BR

SOIL BORING LOGS

SN: 093-0021 (IL)/9502700 (IN)
WABASH CO., IL.

STA. 1036+27
DATE: JUNE 15, 2007

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