

ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 827	12Z-3, 12BR	WABASH, IL GIBSON, IN	158	115
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	

BRIDGE SHEET S99 OF S114 CONTRACT 94450

Bore Log

Sheet 1 of 3



PROJECT FAP 827
 ROUTE IL Rt. 15/IN Rt. 64
 SECTION 12BR, 12Z-3
 COUNTY Wabash - IL / Gibson - IN
 STRUCTURE NO. 093-0014

DESCRIPTION Wabash River Crossing
 LOCATION T1S, R12W, Section 26, SW 1/4
 DRILL METHOD CME 750/Hollow stem auger/wash bore
 HAMMER TYPE Cathead

Date 7/23-24/2002

Drilled By Harris Drilling
 Checked By SCI

Boring No. B-110				Station 1036+85				Offset 20' Right			
Ground Surface El. 385.29				Mud Rotary Start Elevation: 365.29							
Depth (ft)	N	Qu (tsf)	W %	Depth (ft)	N	Qu (tsf)	W %	Depth (ft)	N	Qu (tsf)	W %
Stiff Brown Moist SILTY CLAY											
A-7				A-2							
6				3							
8		3.0	26.9	5		--					
8		P		25		9					
								359.79			
				Medium Dense Brown Medium to Fine SAND							
				Medium Dense Brown Medium to Fine SAND, little Fine Gravel							
				A-1-b							
3		2.5	24.6	9		--					
5		P		10		--					
								357.29			
Medium Stiff Brown Moist SILTY CLAY, little Sand											
A-6				A-2							
3		0.25	26.1	10		--					
3		P		15		--					
								354.29			
				Dense Brown Medium to Fine SAND							
				A-2							
2		0.68	30.6	11		--					
3		B		19		--					
10				22		--					
								352.29			
				Dense Brown Medium to Fine SAND							
				A-2							
2		0	30.1	12		--					
2		P		16		--					
								350.29			
Medium Stiff Gray Moist CLAYEY SILT											
A-4				A-6							
2				20		--					
1		0.46	35.5	38		--					
2		B		46		--					
								347.29			
				Very Dense Brown Medium to Fine SAND, trace Fine Gravel							
				A-2							
2				12		--					
3				24		--					
5				40		34					
								342.29			
				Very Dense Brown Medium to Fine SAND							
				A-2							
5				13		--					
10				24		--					
20				46		--					
								364.79			
				Medium Dense Brown Coarse to Fine SAND, trace Fine Gravel							
				A-2							
7				17		--					
10				25		--					
8				45		30					

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 (tsf)
 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



PROJECT FAP 827
 ROUTE IL Rt. 15/IN Rt. 64
 SECTION 12BR, 12Z-3
 COUNTY Wabash - IL / Gibson - IN
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Very Dense Brown and Gray Coarse to Fine SAND, little Fine Gravel											
A-1-b				A-2							
20				20		54	--				
				70		69					
								313.29			
				Hard Gray Moist CLAYEY SILT							
				A-4							
				10		--	25.0				
				20		45					
								305.29			
				Hard Gray Moist SILTY CLAY							
				A-6							
20				20		--					
				38		--					
				60		46					
								323.29			
				Very Dense Brown and Gray Medium to Fine SAND							
				A-3							
				20		--					
				26		--					
				65		38					

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Very Dense Brown Medium to Fine SAND											
A-2				A-2							
				11		50/2"					
				16		--					
				35		59					
								272.29			
				Gray Clayey SHALE							
				50/1"		--	7.2				
				115		50/0.5"					
								271.29			
				Boring terminated at 114 feet							
								285.29			
				Very Dense Medium to Fine SAND, little Fine Gravel							
				A-2							
				40		50/2.5"	--				
				105		50/2.5"					
								305.29			
				Hard Gray Moist SILTY CLAY							
				A-6							
				22		--	26.4				
				26		--					
				85		36					
								323.29			
				Very Dense Brown and Gray Medium to Fine SAND							
				A-3							
				20		--					
				26		--					
				65		38					
								323.29			
				Very Dense Brown and Gray Medium to Fine SAND							
				A-3							
				13		--					
				24		--					
				46		--					
								342.29			
				Very Dense Brown Medium to Fine SAND							
				A-2							
				17		--					
				25		--					
				45		30					

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DESIGNED	CDF
CHECKED	ADD
DRAWN	CDF
CHECKED	ADD

benesch

alfred benesch & company
 Engineers • Surveyors • Planners
 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-566-0460
 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) STA. 1036+27
 WABASH CO., IL. DATE: JUNE 15, 2007