

ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 827	12Z-3, 12BR	WABASH, IL GIBSON, IN	158	121
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F.H.W.A. REGION		ILLINOIS	PROJECT	

BRIDGE SHEET S105 OF S114 CONTRACT 94450

**Bore Log**

Sheet 2 of 3  
Date 2/11-14/2002



PROJECT FAP 827  
ROUTE IL Rt. 15/IN Rt. 64  
SECTION 12BR, 12Z-3  
COUNTY Wabash - IL / Gibson - IN  
STRUCTURE NO. Exst. 093-0014 Prop. 093-0021

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

Drilled By Harris Drilling  
Checked By SCI

Boring No.	Station	Offset	Depth (ft)	N	Qu (tsf)	W (%)	Description	Depth (ft)	N	Qu (tsf)	W (%)	Surface Water Elevation	
												Groundwater Elevation	
B-114	1043+55.05	Centerline											381.92
			393.42				Medium Silty Brown, Moist SILTY CLAY, little Sand						385.92
			390.42				Soft Brown, Wet CLAYEY SILT, some Sand						384.92
			385.42				Medium Dense Brown Fine to Coarse SAND, trace Fine Gravel						380.92
			362.92				Medium Dense Brown Fine to Coarse SAND, trace Fine Gravel						
			332.92				Soft Brown, Wet SILTY CLAY, little Sand						
			380.42				Soft Brown, Wet CLAYEY SILT, some Sand						
			377.92				Loose Brown Fine SAND						
			375.42				Loose Brown Fine to Medium SAND						
			372.92				Medium Dense Brown Fine to Coarse SAND, some Fine Gravel						

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  
Date 2/11-14/2002



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												Groundwater Elevation	
B-114	1043+55.05	Centerline											381.92
			393.42				Dense Brown and Gray Fine to Medium SAND						385.92
			324.92				Medium Dense Brown and Gray Fine to Medium SAND, trace Fine Gravel						384.92
			321.42				Dense Brown and Gray Fine to Medium SAND, trace Fine Gravel and Coal						380.92
			341.42				Dense Brown and Gray Fine to Medium SAND, trace Fine Gravel						
			362.92				Medium Dense Brown Fine to Coarse SAND, trace Fine Gravel						
			336.42				Medium Dense Brown and Gray Fine to Coarse SAND, little Fine Gravel						
			331.42				Dense Brown and Gray Fine to Coarse SAND, little Fine Gravel						
			313.42				Medium Dense Brown and Gray Fine to Coarse SAND, little Fine Gravel						
			311.42				Dense Brown and Gray Fine to Coarse SAND, little Fine Gravel						
			303.92				Gravelly during drilling from 89.5 to 94.5 feet (El. 303.92 to El. 299.92)						

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Sheet 3 of 3  
Date 2/11-14/2002



PROJECT FAP 827  
ROUTE IL Rt. 15/IN Rt. 64  
SECTION 12BR, 12Z-3  
COUNTY Wabash - IL / Gibson - IN  
STRUCTURE NO. Exst. 093-0014 Prop. 093-0021

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LOCATION T1S, R12W, Section 26, SW 1/4  
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Drilled By Harris Drilling  
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Boring No.	Station	Offset	Depth (ft)	N	Qu (tsf)	W (%)	Description	Depth (ft)	N	Qu (tsf)	W (%)	Surface Water Elevation	
												Groundwater Elevation	
B-114	1043+55.05	Centerline											381.92
			393.42				Soft Gray Clay and Coal were observed in the washed cuttings at approximately 112 feet to 114 feet. Sand was noted in the washed cuttings from approximately 114 to 115 feet.						385.92
			259.92				Gray SHALE						384.92
			277.42				Boring terminated at 116.0 feet						380.92
			324.92				Medium Dense Brown and Gray Fine to Medium SAND, little Fine Gravel						384.92
			321.42				Dense Brown and Gray Fine to Medium SAND, trace Fine Gravel and Coal						380.92
			341.42				Dense Brown and Gray Fine to Medium SAND, trace Fine Gravel						
			362.92				Medium Dense Brown Fine to Coarse SAND, trace Fine Gravel						
			336.42				Medium Dense Brown and Gray Fine to Coarse SAND, little Fine Gravel						
			331.42				Dense Brown and Gray Fine to Coarse SAND, little Fine Gravel						
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			303.92				Gravelly during drilling from 89.5 to 94.5 feet (El. 303.92 to El. 299.92)						

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AASHTO Designations are estimated unless otherwise noted and determined by laboratory analysis

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3:27:04 PM  
9/19/2007

DESIGNED	CDF
CHECKED	ADD
DRAWN	CDF
CHECKED	ADD

**benesch**

alfred benesch & company  
Engineers • Surveyors • Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-665-0450  
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) STA. 1036+27  
WABASH CO., IL. DATE: JUNE 15, 2007