ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 827	12Z-3, 12BR	WABASH, IL GIBSON, IN	158	129
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	

BRIDGE SHEET S113 OF S114

CONTRACT 94450

Bore Log

Sheet 1 of 3

Date 3/7.11-13/2002

PROJECT FAP 827
ROUTE IL Rt. 15/IN Rt. 64
SECTION 12BR, 12Z-3
COUNTY Wabash - IL / Gibson - IN
STRUCTURE NO. Exist. 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 Harriss Drilling
Checked By SCI

Boring No.: SCI ABUT. 2
Station: 1050+85
Offset: Centerline
Ground Surface El. 390.68

Surface Water Elevation:
Groundwater Elevation
First Encountered: 381.68
Upon Completion: 386.93
After 5 Days:386.51/Collapse:387.01
Mud Rotary Start Elevation: 377.18

Depth (ft) El.	N	Qu t/sf	W %
Topsoil 390.18			
Stiff Brown Moist SILTY CLAY	2		
A-7	4 7	1.95 S	24.1
387.68			
Medium Stiff Brown Moist SILTY CLAY, some SAND	2		
A-6	3 5	0.33 B	17.6
385.18			
Very Soft Brown Moist SILTY CLAY, some SAND	0		
A-6	0 1	0 P	25.1
382.68			
Very Soft Brown Moist CLAYEY SILT Groundwater	0		
A-4	1 1	0.20 B	29.6
380.18			
Very Loose Brown Medium to Fine SAND, trace Coarse Sand	0		
A-2	1 2	--	
377.68			
Loose Brown Medium to Fine SAND, trace Coarse Sand	1		
A-2	2 4	--	
	4		
	4 6	--	
372.68			
Loose Brown Coarse to Fine SAND, little Fine Grevel	4		
A-2	3 6	--	
	4		
	5 5	--	

Depth (ft) El.	N	Qu t/sf	W %
	3		
	4 5	--	
	4		
	4 5	--	
360.18	5		
Medium Dense Brown Medium to Fine SAND, trace Coarse Sand and Fine Gravel	4		
A-2	30 4	--	
357.68	5		
Medium Dense Brown Medium to Fine SAND, trace Coarse Sand and Course Gravel	7 10	--	
A-2	6 35 10 11	--	
355.18	5		
Medium Dense Brown Coarse to Fine SAND, trace Fine Gravel	9 12	--	
A-2	6		
352.68	11		
Medium Dense Gray Medium to Fine SAND	40 15	--	
A-2	6		
350.18	10		
Medium Dense Brown Medium to Fine SAND, little Coarse Sand and trace Fine Gravel	5 10	--	
A-2	12		
	7		
	45 11 15	--	

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 anelysis

Bore Log

Sheet 2 of 3

Date 3/7.11-13/2002

PROJECT FAP 827
ROUTE IL Rt. 15/IN Rt. 64
SECTION 12BR, 12Z-3
COUNTY Wabash - IL / Gibson - IN
STRUCTURE NO. Exist. 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 Harriss Drilling
Checked By SCI

Boring No.: SCI ABUT. 2
Station: 1050+85
Offset: Centerline
Ground Surface El. 390.68

Surface Water Elevation:
Groundwater Elevation
First Encountered: 381.68
Upon Completion: 386.93
After 5 Days:386.51/Collapse:387.01
Mud Rotary Start Elevation: 377.18

Depth (ft) El.	N	Qu t/sf	W %
345.18			
Dense Gray Medium to Fine SAND			
A-2	8		
	50 13 20	--	
	9		
	55 18 24	--	
333.68			
Very Dense Gray Medium to Fine SAND, trace Fine Gravel	12		
A-2	60 20 31	--	
328.68			
Medium Dense Brown and Grey Coarse to Fine SAND, trace Fine Gravel and Coal Fregments	6		
A-2	65 12 13	--	
323.68			

Depth (ft) El.	N	Qu t/sf	W %
Medium Dense Brown and Grey Coarse to Fine SAND, trace Fine Gravel, Coarse Gravel, and Coal Fragments	8		
A-2	70 12 13	--	
318.68			
Medium Dense Brown and Grey Coarse to Fine SAND, trace Fine Gravel	8		
A-2	75 9 15	--	
310.68	80		
Medium Dense Grey Coarse to Fine SAND, trace Fine Gravel			
A-2	7		
	85 7 9	--	
	90		

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 anelysis

Bore Log

Sheet 3 of 3

Date 3/7.11-13/2002

PROJECT FAP 827
ROUTE IL Rt. 15/IN Rt. 64
SECTION 12BR, 12Z-3
COUNTY Wabash - IL / Gibson - IN
STRUCTURE NO. Exist. 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 Harriss Drilling
Checked By SCI

Boring No.: SCI ABUT. 2
Station: 1050+85
Offset: Centerline
Ground Surface El. 390.68

Surface Water Elevation:
Groundwater Elevation
First Encountered: 381.68
Upon Completion: 386.93
After 5 Days:386.51/Collapse:387.01
Mud Rotary Start Elevation: 377.18

Depth (ft) El.	N	Qu t/sf	W %
300.18			
Hard Gray Moist CLAY, trace Gravel	11		
A-7	20 55 27	4.56 B	18.6
290.68	100		
Hard Gray Moist SILTY CLAY, some Fine to Medium Sand			
A-4	17		
	20 105 35	1.75 P	18.3
110			

Depth (ft) El.	N	Qu t/sf	W %
Installed SPT Split Spoon in uncased boring at 113.5 feet. Sloughed materials encountered on bottom - drove casing to 114.5 feet.			
276.18			
Gray Clayey SHALE	115 50		
	50/2.5" 50/1.5"	4.22 S	12.5
Refer to the Rock Core Log for additional information.			
	120		
	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 anelysis

DESIGNED	CDF
CHECKED	ADD
DRAWN	CDF
CHECKED	ADD

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450
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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