

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 627	(1)BR	LASALLE	69	44
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #66556

**Illinois Department of Transportation**  
Division of Highways  
District 3, Ottawa

### SOIL BORING LOG

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Date 7/15/03

ROUTE FAP 627(IL 71) DESCRIPTION Structure over Vermilion River near Jonesville LOGGED BY Gordon Banson

SECTION 1BR LOCATION SW 14, SEC. 24, TWP. 33N, RNG. 1E, 3rd PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-0029 Exist. Station 25+60

BORING NO. 6 SHELBY TUBE Station 27+61 Offset 0.00ft Ground Surface Elev. 438.10 ft

DEPTH (ft)	SOIL DESCRIPTION	REMARKS
0	Medium brown well graded Sand	
14	Very dense brown subangular poorly graded Gravel (continued)	
19	Medium brown well graded Sand and Gravel	
26	Dense brown subangular poorly graded Gravel	
26	End of Boring	
37	Very dense brown subangular poorly graded 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 T208)  
BBS, form 137 (Rev. 8-99)

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Date 7/15/03

ROUTE FAP 627(IL 71) DESCRIPTION SHELBY TUBE SAMPLES FROM PIER 3 ON VERMILION RIVER NEAR OGLESBY LOGGED BY IDOT-BW

SECTION 1BR LOCATION SW 14, SEC. 24, TWP. 33N, RNG. 1E, 3rd PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-0029 Exist. Station 25+60

BORING NO. 7 SHELBY TUBE Station 25+03 Offset 19.70ft LT Ground Surface Elev. 460.30 ft

DEPTH (ft)	SOIL DESCRIPTION	REMARKS
0	AUGERED Brown SAND & COARSE GRAVEL	
25	THIS BORING CORRESPONDS TO ORIGINAL BORING # 1, STA. 25+00, PIER 3	
452.80	TUBE # 1 PUSHED 27.5" RECOVERED 8"	
460.30	TUBE # 2 PUSHED 27.5" RECOVERED 25"	
447.50	TUBE # 3 PUSHED 27" RECOVERED 26"	
445.30	TUBE # 4 PUSHED 27.5" RECOVERED 26"	
442.80	TUBE # 5 PUSHED 27.5" RECOVERED 27.5"	
440.30	End of Boring	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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Date 7/15/03

ROUTE FAP 627(IL 71) DESCRIPTION SHELBY TUBE SAMPLES FROM PIER 2 ON VERMILION RIVER NEAR OGLESBY LOGGED BY IDOT-BW

SECTION 1BR LOCATION SW 14, SEC. 24, TWP. 33N, RNG. 1E, 3rd PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-0029 Exist. Station 25+60

BORING NO. 8 SHELBY TUBE Station 24+54 Offset 21.00ft RT Ground Surface Elev. 458.50 ft

DEPTH (ft)	SOIL DESCRIPTION	REMARKS
0	AUGERED Black LOAM with GRAVEL AND TRASH with SILTY CLAY	
24	THIS BORING CORRESPONDS TO ORIGINAL BORING # 2, STA. 24+45, PIER 2	
453.50	TUBE # 1 PUSHED 27" RECOVERED 20.5"	
451.00	TUBE # 2 PUSHED 27" RECOVERED 22.5"	
448.50	TUBE # 3 PUSHED 27" RECOVERED 22"	
446.00	TUBE # 4 PUSHED 27" RECOVERED 26.5"	
443.50	TUBE # 5 PUSHED 27" RECOVERED 26"	
441.00	TUBE # 6 PUSHED 27" RECOVERED 27"	
438.50	End of Boring	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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### SOIL BORING LOG

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Date 7/15/03

ROUTE FAP 627(IL 71) DESCRIPTION SHELBY TUBE SAMPLES FROM PIER 1 ON THE VERMILION RIVER NEAR OGLESBY LOGGED BY IDOT-BW

SECTION 1BR LOCATION SW 14, SEC. 24, TWP. 33N, RNG. 1E, 3rd PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-0029 Exist. Station 25+60

BORING NO. 9 SHELBY TUBE Station 23+43 Offset 20.00ft RT Ground Surface Elev. 460.50 ft

DEPTH (ft)	SOIL DESCRIPTION	REMARKS
0	AUGERED LOAM with GRAVEL	
23	THIS BORING CORRESPONDS TO ORIGINAL BORING # 3, STA. 23+34, PIER 1	
456.50	AUGERED Black CLAY LOAM with Coarse GRAVEL Pieces	
455.50	TUBE # 1 PUSHED 27.5" RECOVERED 24.5"	
453.00	TUBE # 2 PUSHED 27.5" RECOVERED 23.5"	
450.50	TUBE # 3 PUSHED 27.5" RECOVERED 22"	
448.00	TUBE # 4 PUSHED 27.5" RECOVERED 28.5"	
445.50	TUBE # 5 PUSHED 27.5" RECOVERED 25.5"	
443.00	End of Boring	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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SOIL BORING LOGS  
F.A.P. ROUTE 627 - SECTION (1)BR  
LASALLE COUNTY  
STATION 26+61.50  
STRUCTURE NO. 050-0242