

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 627	(1)BR	LASALLE	69	42
FED. ROAD DIST. NO. 7	B.L.D.G.S.	FED. AID PROJECT-		

Contract #66556

SHEET NO. 25

31 SHEETS

Illinois Department of Transportation  
Division of Highways  
District 3, Ottawa

### SOIL BORING LOG

Page 1 of 1  
Date 7/58

ROUTE FAP 627(IL 71) DESCRIPTION Structure over Vermillion River near Jonesville LOGGED BY William Carter

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. 3 Station 23+34 Offset 0.00ft Ground Surface Elev. 463.40 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER	TEMPERATURE (°F)	PERCENTAGE (%)	UNCONSOLIDATED COMPRESSION STRENGTH (UCS) (psi)	SOIL TYPE
0	Gravel and Cinder Fill					
481.50	Stiff brown Silty Clay					
431.50	Very stiff gray Clay Till (continued)					
431.50	Hard gray shaley Clay					
23						
4						
10						
444.50	Dense brown subangular Gravel with layers of stiff brown Silty Clay					
441.50	Stiff brown Silty Clay					
439.50	Stiff gray Clay Till					
418.70	Gray Shale					
436.50	Very stiff gray Clay Till					
413.50						

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 T206)  
BBS, form 137 (Rev. 8-99)

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Division of Highways  
District 3, Ottawa

### SOIL BORING LOG

Page 1 of 3  
Date 7/58

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

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. 4 Station 22+58 Offset 0.00ft Ground Surface Elev. 463.60 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER	TEMPERATURE (°F)	PERCENTAGE (%)	UNCONSOLIDATED COMPRESSION STRENGTH (UCS) (psi)	SOIL TYPE
0	Stiff dark brown Silty Clay					
27	Very stiff mottled Clay (continued)					
454.50	Stiff dark brown very stoney Silty Clay (To stoney to test)					
434.90	Slightly weathered gray Shale					
461.50	Very stiff yellow limy stoney Clay					
428.50						
444.50	Very stiff mottled Clay					

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Date 7/58

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

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. 4 Station 22+68 Offset 0.00ft Ground Surface Elev. 463.60 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER	TEMPERATURE (°F)	PERCENTAGE (%)	UNCONSOLIDATED COMPRESSION STRENGTH (UCS) (psi)	SOIL TYPE
2	Loose Brown/Black Fine Sand/Coarse Gravel					
4						
4						
6						
399.10	Medium Brown Loamy Fine Sand/Coarse Gravel					
4						
9						
6						
4						
8						
15						
3						
5						
5						
6						
0						
5						
7						
10						
11						
8						
10						
13						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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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. 4 Station 22+58 Offset 0.00ft Ground Surface Elev. 463.60 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER	TEMPERATURE (°F)	PERCENTAGE (%)	UNCONSOLIDATED COMPRESSION STRENGTH (UCS) (psi)	SOIL TYPE
7	Medium Brown Loamy Fine Sand/Coarse Gravel (continued)					
14						
12						
10						
4						
10						
11						
379.10	Dense Brown Fine Sand/Coarse Gravel					
10						
12						
28						
21						
15						
18						
374.10	Fractured Limestone & Gray Brown Weathered Shale					
15						
10						
12						

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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