

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 627	(1)BR	LASALLE	69	40
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #66556

SHEET NO. 23

31 SHEETS

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

**SOIL BORING LOG** Page 1 of 3 Date 7/158

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, RING. 1E, 3rd PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-0029 Exist. 050-0242 Prop.  
Station 26+60

BORING NO. 1  
Station 26+00  
Offset 0.00ft  
Ground Surface Elev. 459.80 ft (ft) (ft) (ft) (%)

SOIL DESCRIPTION	DEPTH (ft)	UCS (psi)	Failure Mode	Penetration (ft)	SPT (blows)
Medium brown subangular well graded Gravel	0-4				
Soft brown Sandy Clay (continued)	4-9			0.5	
	9-26				
	26-43			0.5	
Loose brown Silty Sand and occasional Gravel	43-48				
Very dense brown subangular well graded Gravel	48-63				
Soft brown Silty Clay	63-70				
Dense brown subangular Gravel	70-83				
	83-84				
	84-85				
	85-86				
	86-87				
	87-88				
	88-89				
	89-90				
	90-91				
	91-92				
	92-93				
	93-94				
	94-95				
	95-96				
	96-97				
	97-98				
	98-99				
	99-100				

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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**SOIL BORING LOG** Page 2 of 3 Date 7/158

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Offset 0.00ft  
Ground Surface Elev. 459.80 ft (ft) (ft) (ft) (%)

SOIL DESCRIPTION	DEPTH (ft)	UCS (psi)	Failure Mode	Penetration (ft)	SPT (blows)
Very dense brown subangular poorly graded Gravel (continued)	67-68				
	68-69				
	69-70				
	70-71				
	71-72				
	72-73				
	73-74				
	74-75				
	75-76				
	76-77				
	77-78				
	78-79				
	79-80				
	80-81				
	81-82				
	82-83				
	83-84				
	84-85				
	85-86				
	86-87				
	87-88				
	88-89				
	89-90				
	90-91				
	91-92				
	92-93				
	93-94				
	94-95				
	95-96				
	96-97				
	97-98				
	98-99				
	99-100				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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BORING NO. 1  
Station 26+00  
Offset 0.00ft  
Ground Surface Elev. 459.80 ft (ft) (ft) (ft) (%)

SOIL DESCRIPTION	DEPTH (ft)	UCS (psi)	Failure Mode	Penetration (ft)	SPT (blows)
Medium Brown Loamy Fine Sand/Coarse Gravel (continued)	7-14				
	14-12				
	12-4				
	4-4				
	4-6				
	6-395.30				
Medium Brown Loamy Fine Sand/Coarse Gravel	395.30-65				
	65-4				
	4-8				
	8-6				
	6-4				
	4-15				
	15-6				
	6-21				
	21-15				
	15-18				
	18-370.80				
Fractured Limestone & Gray Brown Weathered Shale	370.80-90				
	90-15				
	15-369.10				
Borehole continued with rock coring.	369.10-10				
	10-12				
	12-100				

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BBS, form 137 (Rev. 8-99)

SOIL BORING LOGS  
F.A.P. ROUTE 627 - SECTION (1)BR  
LASALLE COUNTY  
STATION 26+61.50  
STRUCTURE NO. 050-0242