

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-15VB-1 & 2	MADISON	149	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SHEET NO. 35

36 SHEETS

Contract #76634

**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Page 1 of 2 Date 6/3/02

ROUTE FAP 310 DESCRIPTION IL 255 over Railroad Tracks LOGGED BY Larry Ford

SECTION 60-15VB-1.2 LOCATION SEC. 23, TWP. 6N, RNG. 10W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 060-0310  
Station

BORING NO. RR-SB 4  
Station 39+151  
Offset 16.00m RT CL  
Ground Surface Elev. 187.04 m

DEPTH (m)	BLOW COUNT (150 mm)	UCS (kPa)	MOISTURE (%)	Soil Description		
				Depth (m)	UCS (kPa)	Moisture (%)
				Surface Water Elev.		
				Stream Bed Elev.		
				Groundwater Elev.:		
				First Encounter	182.8 m	
				Upon Completion		
				After Hrs.		
185.8				Brown and Gray Silt LOAM with some RR Balast (Fill)		
				Gray SAND		
				Gray Clay LOAM		
				Brown and Gray Silty CLAY		
				Gray and Brown Clay LOAM		
				Gray Silty CLAY		
				Brown and Gray Clay LOAM		

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, from 137 (Rev. 8-99)

**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Page 2 of 2 Date 6/3/02

ROUTE FAP 310 DESCRIPTION IL 255 over Railroad Tracks LOGGED BY Larry Ford

SECTION 60-15VB-1.2 LOCATION SEC. 23, TWP. 6N, RNG. 10W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 060-0310  
Station

BORING NO. RR-SB 4  
Station 39+151  
Offset 16.00m RT CL  
Ground Surface Elev. 187.04 m

DEPTH (m)	BLOW COUNT (150 mm)	UCS (kPa)	MOISTURE (%)	Soil Description		
				Depth (m)	UCS (kPa)	Moisture (%)
				Surface Water Elev.		
				Stream Bed Elev.		
				Groundwater Elev.:		
				First Encounter	182.8 m	
				Upon Completion		
				After Hrs.		
				Gray Silty CLAY (continued)		
				Gray and Brown Clay LOAM (continued)		
				Brown SAND		
				See Gradation @ 19.5 m (64.5 ft)		
				Brown and Gray Clay LOAM		
				End of Boring		
				Gray and Brown Clay LOAM		

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, from 137 (Rev. 8-99)

\$\$\$DATE\$\$\$  
 \*DATE-TIME\*  
 P:\00Files\000024\Railroad-Bridge\SN060-0310\SoilBor\Ings.dgn  
 \*REF\*  
 \*REF\*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SOIL BORING LOGS**

FAP ROUTE 310  
SECTION 60-15VB-2  
MADISON COUNTY