

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TO	*	MADISON	420	298
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 60-10K-1, 60-10HB CONTRACT NO. 76709				

Illinois Department of Transportation
Division of Highways
Soils Construction, Inc.

SOIL BORING LOG

Page 1 of 2
Date 4/23/01

ROUTE FAP 586 DESCRIPTION IL 162 over FAI 55/70 @ Troy LOGGED BY Mark Denton

SECTION 60R-2, 37R-1 LOCATION SW 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140#

STRUCT. NO. _____
Station _____

BORING NO. 10 SW Corner Cone
Station 21+11
Offset 109.00R LT
Ground Surface Elev. 564.40 ft (ft) (ft) (ft) (%)

DEPTH (ft)	SOIL TYPE	TESTS	REMARKS
0	Surface Water Elev. _____ ft		
0	Stream Bed Elev. _____ ft		
0	Groundwater Elev.: _____ ft		
0	First Encounter Upon Completion _____ ft		
0	After _____ Hrs. _____ ft		
0	Gray Silty CLAY (Bl)		
0	Gray Clay LOAM (continued)		
0	Brown & Gray Silty Clay LOAM		
0	Brown Silty Clay LOAM with Organics		
0	Gray Silty CLAY		
0	Gray Clay LOAM		
0	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)

Illinois Department of Transportation
Division of Highways
Soils Construction, Inc.

SOIL BORING LOG

Page 2 of 2
Date 4/23/01

ROUTE FAP 586 DESCRIPTION IL 162 over FAI 55/70 @ Troy LOGGED BY Mark Denton

SECTION 60R-2, 37R-1 LOCATION SW 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140#

STRUCT. NO. _____
Station _____

BORING NO. 10 SW Corner Cone
Station 21+11
Offset 109.00R LT
Ground Surface Elev. 564.40 ft (ft) (ft) (ft) (%)

DEPTH (ft)	SOIL TYPE	TESTS	REMARKS
0	Surface Water Elev. _____ ft		
0	Stream Bed Elev. _____ ft		
0	Groundwater Elev.: _____ ft		
0	First Encounter Upon Completion _____ ft		
0	After _____ Hrs. _____ ft		
0	Brown Clay LOAM (continued)		
0	Brown Clay LOAM (continued)		
0	End of Boring @ 71 ft		

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
Soils Construction, Inc.

SOIL BORING LOG

Page 1 of 2
Date 1/28/05

ROUTE 586 DESCRIPTION West Retaining Wall LOGGED BY MHPMK

SECTION 60-10-4HB LOCATION SW 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140-lb Hydraulic

STRUCT. NO. 060-W001
Station _____

BORING NO. SB-15
Station 1352+01
Offset 84.00R Right
Ground Surface Elev. 560.57 ft (ft) (ft) (ft) (%)

DEPTH (ft)	SOIL TYPE	TESTS	REMARKS
0	Surface Water Elev. _____ ft		
0	Stream Bed Elev. _____ ft		
0	Groundwater Elev.: _____ ft		
0	First Encounter Upon Completion _____ ft		
0	After _____ Days _____ ft		
0	Dark Gray-Brown Silty CLAY (continued)		
0	Gray CLAY		
0	Gray SILT		
0	Gray-Brown Clay LOAM		
0	Gray Brown Silty LOAM		
0	Gray SILT		
0	Dark Gray Brown Silty Clay LOAM		
0	Gray-Brown CLAY		
0	Dark Gray-Brown Silty CLAY		

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
Soils Construction, Inc.

SOIL BORING LOG

Page 2 of 2
Date 1/28/05

ROUTE 586 DESCRIPTION West Retaining Wall LOGGED BY MHPMK

SECTION 60-10-4HB LOCATION SW 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140-lb Hydraulic

STRUCT. NO. 060-W001
Station _____

BORING NO. SB-15
Station 1352+01
Offset 84.00R Right
Ground Surface Elev. 560.57 ft (ft) (ft) (ft) (%)

DEPTH (ft)	SOIL TYPE	TESTS	REMARKS
0	Surface Water Elev. _____ ft		
0	Stream Bed Elev. _____ ft		
0	Groundwater Elev.: _____ ft		
0	First Encounter Upon Completion _____ ft		
0	After _____ Days _____ ft		
0	Gray-Brown CLAY (continued)		
0	Gray-Brown Clay LOAM		
0	End of Boring		

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
Soils Construction, Inc.

SOIL BORING LOG

Page 1 of 2
Date 1/28/05

ROUTE 586 DESCRIPTION West Retaining Wall LOGGED BY MHPMK

SECTION 60-10-4HB LOCATION SW 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140-lb Hydraulic

STRUCT. NO. 060-W001
Station _____

BORING NO. SB-16
Station 1350+10
Offset 125.00R Right
Ground Surface Elev. 561.70 ft (ft) (ft) (ft) (%)

DEPTH (ft)	SOIL TYPE	TESTS	REMARKS
0	Surface Water Elev. _____ ft		
0	Stream Bed Elev. _____ ft		
0	Groundwater Elev.: _____ ft		
0	First Encounter Upon Completion _____ ft		
0	After _____ Days _____ ft		
0	Gray-Brown Silty Clay LOAM		
0	Gray CLAY		
0	Gray Silty CLAY		
0	-Dark Gray-Brown below 8.0 Feet		
0	Gray CLAY		
0	Very Dark Gray-Brown Silty Clay LOAM, with Organics		
0	Gray-Brown below 37 Feet		

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
Soils Construction, Inc.

SOIL BORING LOG

Page 2 of 2
Date 1/28/05

ROUTE 586 DESCRIPTION West Retaining Wall LOGGED BY MHPMK

SECTION 60-10-4HB LOCATION SW 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140-lb Hydraulic

STRUCT. NO. 060-W001
Station _____

BORING NO. SB-16
Station 1350+10
Offset 125.00R Right
Ground Surface Elev. 561.70 ft (ft) (ft) (ft) (%)

DEPTH (ft)	SOIL TYPE	TESTS	REMARKS
0	Surface Water Elev. _____ ft		
0	Stream Bed Elev. _____ ft		
0	Groundwater Elev.: _____ ft		
0	First Encounter Upon Completion _____ ft		
0	After _____ Days _____ ft		
0	Gray CLAY (continued)		
0	End of Boring		

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)

NOTE:
1. Structure Number listed on boring logs as 060-W001 is SN 060-W004.

Sht. R-12 of R-14

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL ROUTE 162 OVER I-55/70 IN TROY
F.A.I ROUTE 70 SECTION 60-10K-1, 60-10HB
MADISON COUNTY STA. 18+50 TO STA. 17+00
STRUCTURE NO. 060-W004

BORING LOGS

DATE: 05/20/06
DRAWN: BTO
CHECKED: JAN