

PLAN
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 DATE: _____
 FILE NAME: _____

Illinois Department of Transportation
SOIL BORING LOG
 Page 1 of 1
 Date: 11/7/02

ROUTE: FAP 103 DESCRIPTION: IL 13/15 from Greenwood Rd. to Deerfield Ct.
 SECTION: 27-1R LOCATION: South West Quarter, SEC. 6, TWP. 15S, RNG. 7W, 3rd PM
 COUNTY: St. Clair DRILLING METHOD: Hollow Stem Auger HAMMER TYPE: 140 lb. Hydraulic

STRUCT. NO.	STATION	DEPTH	SOIL DESCRIPTION	TESTS	REMARKS
N/A	N/A		Surface Water Elev. N/A R		
N/A	N/A		Stream Bed Elev. 511.06 R		
			Groundwater Elev. 494.4 R		
			First Encounter Upon Completion		
			After 28 Days		
			Ground Surface Elev. 516.38 R		
			Gray SILTY CLAY LOAM (continued)		
		1			
		2	0.75 19		
		5	P		
	512.36		Gray-Brown SILTY LOAM		
		4	2.0 8		
		6	2.0 8		
		9	P		
	509.82		Dark Gray-Brown below 5.5 Feet		
		3			
		4	3.0 18		
		5	P		
	507.38		Brown SANDY LOAM		
		3			
		4	N/A 14		
		5			
	504.88		Gray-Brown SAND		
		1			
		2	N/A 18		
		4			
		3			
		2	N/A 26		
		4			
	498.88		Gray-Brown SILTY CLAY LOAM (origenous)		
		1			
		1	N/A 22		
		4			
	497.38		Gray SILTY CLAY LOAM		
		5			
		8	2.61 17		
		10	B/20		

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, from 137 (Rev. 8-99)

Illinois Department of Transportation
SOIL BORING LOG
 Page 1 of 3
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 COUNTY: St. Clair DRILLING METHOD: Hollow Stem Auger HAMMER TYPE: 140 lb. Hydraulic

STRUCT. NO.	STATION	DEPTH	SOIL DESCRIPTION	TESTS	REMARKS
N/A	N/A		Surface Water Elev. N/A R		
N/A	N/A		Stream Bed Elev. 511.06 R		
			Groundwater Elev. 503.4 R		
			First Encounter Upon Completion		
			After 28 Days		
			Ground Surface Elev. 522.36 R		
			Brown SILTY CLAY LOAM (B)		
		2			
		4	1.66 22		
		4	S/20		
	519.36		Dark Gray below 2.0 Feet		
		1			
		2	1.42 24		
		4	B/15		
	516.38		Gray-Brown SILTY LOAM		
		1			
		4	1.66 21		
		5	B/15		
	496.45		Dark Gray-Brown below 25.5 Feet		
		1			
		2	1.66 21		
		4	B/20		
	494.45		Brown Very High Weathered SHALE		
		2			
		2	0.82 22		
		4	B/20		
	491.45		Gray SANDY LOAM		
		2			
		3	0.82 21		
		4	B/20		
	488.45		Dark Gray-Brown, Highly Weathered below 37.0 Feet		
		2			
		3	0.33 28		
		7	B/20		
	504.33		Brown below 19.0 Feet		
		3			
		1	N/A		
		2			

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Illinois Department of Transportation
SOIL BORING LOG
 Page 2 of 2
 Date: 11/14/02

ROUTE: FAP 103 DESCRIPTION: IL 13/15 from Greenwood Rd. to Deerfield Ct.
 SECTION: 27-1R LOCATION: South West Quarter, SEC. 6, TWP. 15S, RNG. 7W, 3rd PM
 COUNTY: St. Clair DRILLING METHOD: Hollow Stem Auger HAMMER TYPE: 140 lb. Hydraulic

STRUCT. NO.	STATION	DEPTH	SOIL DESCRIPTION	TESTS	REMARKS
N/A	N/A		Surface Water Elev. N/A R		
N/A	N/A		Stream Bed Elev. 511.06 R		
			Groundwater Elev. 503.4 R		
			First Encounter Upon Completion		
			After 28 Days		
			Ground Surface Elev. 522.36 R		
			Dark Gray-Brown, Highly Weathered below 37.0 Feet (continued)		
		49			
		50			
	478.36		End of Boring		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer).
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STRUCT. NO.	STATION	DEPTH	SOIL DESCRIPTION	TESTS	REMARKS
N/A	N/A		Surface Water Elev. N/A R		
N/A	N/A		Stream Bed Elev. 511.06 R		
			Groundwater Elev. 503.4 R		
			First Encounter Upon Completion		
			After 28 Days		
			Ground Surface Elev. 522.36 R		
			Dark Gray-Brown, Highly Weathered below 37.0 Feet (continued)		
		2			
		3	1.36 28		
		3	S/10		
	517.70		Dark Gray-Brown below 3.0 Feet		
		3			
		4	1.11 23		
		3	B/20		
	512.70		Dark Gray-Brown SANDY LOAM		
		1			
		2	0.72 19		
		4	B/20		
	510.20		Gray-Brown below 10.5 Feet		
		3			
		4	N/A 17		
	507.20		Brown SAND		
		1			
		2	N/A 20		
	505.20		Brown SANDY CLAY LOAM		
		3			
		4	N/A 28		
	502.20		Gray SILTY CLAY LOAM		
		2			
		3	1.28 16		
		4	B/20		

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL INFORMATION
 SINGLE BOX CULVERT 6X6
 STATION 215+55.78
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.

SCALE: AS NOTED DRAWN BY: CRO
 DATE: June 9, 2004 CHECKED BY: RCY

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