

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	SHEET NO.
F.A.P. 315	55-2	McDONOUGH	10/25	514
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT-		

Contract # 68205

Illinois Department of Transportation
Division of Highways

SOIL BORING LOG Page 1 of 2 Date 6/12/00

ROUTE FAP 315 (IL 336) DESCRIPTION IL 336 Macomb to Carthage LOGGED BY

SECTION 24.31.32 LOCATION SEC. TWP. RNG.

COUNTY McDonough DRILLING METHOD HAMMER TYPE

STRUCT. NO. Station

BORING NO. BBS77 RAMP I Station 21+33
Offset 153.00H L1
Ground Surface Elev. 689.34 ft (H) (/6") (tsf) (%)

SOIL DESCRIPTION	DEPTH (ft)	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	U	M
DK BR TO BLK SILTY CLAY, A-7-6 W/ ROOTS & FIBERS	0-4			28.0						5.2	14.0
BR RD BR & GR SILTY CLAY, A-7-6	4-6			26.0						10	9.1
RD BR & GR SILTY CLAY LOAM, A-6	6-8	2.3	28.0							37	
GR BR & GR CLAY LOAM, A-6	8-10	2	27.0							18	5.7
GR BR & GR SAND A-1-b	10-12	1.1	27.0							14	19.0
GR BR & GR CLAY LOAM, A-6	12-14	4	26.0							38	
GR SAND, A-1-b	14-16		26.0							6	22.0
GR BR & GR CLAY LOAM, A-6	16-18	2	22.0							12	
RD BR & GR CLAY, A-7-6	18-20	1.7	22.0							8	6.4
RD BR & GR CLAY LOAM, A-6	20-22	2	28.0							10	7.0
RD BR & GR CLAY LOAM, A-6	22-24	3	28.0							14	
RD BR & GR CLAY LOAM, A-6	24-26	4	28.0							19	6.3
RD BR & GR CLAY LOAM, A-6	26-28	2	20.0							12	
RD BR & GR CLAY LOAM, A-6	28-30	4	20.0							13	6.1
RD BR & GR CLAY LOAM, A-6	30-32	6	20.0							18	
RD BR & GR CLAY LOAM, A-6	32-34	2	21.0							12	
RD BR & GR CLAY LOAM, A-6	34-36	2	21.0							17	6.7
RD BR & GR CLAY LOAM, A-6	36-38	5	21.0							26	
GR BR & GR CLAY LOAM, A-6	38-40	15	17.0							38	
DK GR SAND, A-2-4	40-42	5	17.0							10	
BR SAND, A-5	42-44	12	14.0							16	6.3
BR SAND, A-5	44-46	13	14.0							20	
GR & BR CLAY LOAM, A-4	46-48	H	19.0							17	12.0
GR & BR CLAY LOAM, A-4	48-50	5	12.0							32	
GR & BR CLAY LOAM, A-4	50-52	10	12.0							34	

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)

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SOIL BORING LOG Page 2 of 2 Date 6/12/00

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BR SAND, A-1-b (continued)	52-54		12.0							5	
BR TO BR & GR CLAY LOAM, A-6	54-56	12	12.0							10	3.8
BR TO BR & GR CLAY LOAM, A-6	56-58	14	12.0							14	
BR & GR SAND, A-1-b	58-60	7	20.0							5	
BR TO BR & GR CLAY LOAM, A-6	60-62	15	20.0							8	4.5
BR TO BR & GR CLAY LOAM, A-6	62-64	28	20.0							12	
BR SAND, A-1-b	64-66	6.7	14.0							624.34	-6
BR SAND, A-1-b	66-68	17	17.0								
BR TO BR & GR CLAY LOAM, A-6	68-70	10	10.0								
BR SAND, A-3	70-72	17	18.0								
BR TO BR & GR CLAY LOAM, A-6	72-74	17	14.0								
GR LOAM, A-6	74-76	17	15.0								
GR LOAM, A-6	76-78	22	15.0								
BL GR CLAY, A-7-6	78-80	5									
BL GR CLAY, A-7-6	80-82	8	3.2	20.0							
BL GR CLAY, A-7-6	82-84	4	3.8	21.0							
BL GR CLAY, A-7-6	84-86	7	3.8	21.0							
GR TO BL GR CLAY LOAM, A-6	86-88	8									
GR TO BL GR CLAY LOAM, A-6	88-90	3	3.4	15.0							
BL GR CLAY, A-7-6	90-92	5									
BL GR CLAY, A-7-6	92-94	8	3.9	18.0							
BL GR CLAY, A-7-6	94-96	12									

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DESIGNED	P.J.L.
CHECKED	W.D.L.
DRAWN	M.G.M.
CHECKED	P.J.L.

BORING LOGS
BURLINGTON NORTHERN
SANTA FE RAILROAD OVER
RAMP I
F.A.P. ROUTE 315 SECT. 55-2
McDONOUGH COUNTY
STATION 21+61.48
STRUCTURE NO. 055-9902
B.N.S.F. LINE SEGMENT 0011
B.N.S.F. BRIDGE NO. 206.13

STS CONSULTANTS
111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph(309)676-8464
FAX(309)676-5445
IL Design Firm Reg. No. 224-001522

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