

** Special soil treatment involves controlled settlement and consolidation beneath culvert to achieve soil bearing capacity as roadway embankment is placed. See Claude H. Hurley soils report dated December 31, 2001; revised November 25, 2003 for details. Plan as shown incorporates BBS recommendations for soil removal and replacement.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	55-2	MCDONOUGH	1025	448
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

SHEET NO. 7
7 SHEETS

Contract No. 68205

CLAUDE H. HURLEY COMPANY											
BORING LOG					BORING NO. CB-480						
PROJECT NO. 3-869-D					PROJECT FAP 315 (IL 336) SECTION 24, 31, 32						
LOCATION CULVERT 14+738.1 13.9mR					LOCATION MCDONOUGH COUNTY, ILLINOIS						
DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES					DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES						
DATE OF DRILLING: STARTED 3-29-00 COMPLETED 3-29-00					DATE OF DRILLING: STARTED 3-29-00 COMPLETED 3-29-00						
DRILLED BY R. HOWARD					LOGGED BY D. ANDERSON						
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD				
			N Bp0.15m	Qu KPa	W %	γd Kgpm ³	DATE	DEPTH	HOUR	RIG TYPE	
183.45	DK BR SILTY CLAY LOAM, A-6 W/ ROOTS & FIBERS	1	AU	-	22	-	DD	3-29	1.1	-	CME-850
		2		85	27	-	AAR	3-29	2.0	0h	AUGER TYPE-DEPTH 0.18m HSA-8.1m
		3						3-31	1.8	2d	CASING TYPE-DEPTH - SAMPLER TYPE AU-SS
182.07	RD BR & GR SANDY LOAM, A-2-4	2									
181.31	GR SAND A-1-b	3									
180.76	RD BR, BR & GR SILTY CLAY LOAM, A-6	3									
180.55	RD BR, BR & GR SILTY CLAY, A-7-6	4									
179.79	GR, RD BR & BR CLAY SHALE	5									
177.50	DK GRAY COAL SHALE	6									
177.20	GR CLAY SHALE	7									

CLAUDE H. HURLEY COMPANY											
BORING LOG					BORING NO. CB-481						
PROJECT NO. 3-869-D					PROJECT FAP 315 (IL 336) SECTION 24, 31, 32						
LOCATION CULVERT 14+730.5 38.5mR					LOCATION MCDONOUGH COUNTY, ILLINOIS						
DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES					DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES						
DATE OF DRILLING: STARTED 3-29-00 COMPLETED 3-29-00					DATE OF DRILLING: STARTED 3-29-00 COMPLETED 3-29-00						
DRILLED BY R. HOWARD					LOGGED BY D. ANDERSON						
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD				
			N Bp0.15m	Qu KPa	W %	γd Kgpm ³	DATE	DEPTH	HOUR	RIG TYPE	
183.38	DK BR SILTY CLAY LOAM, A-6 W/ ROOTS & FIBERS	1	AU	-	25	-	DD	3-29	1.8	-	CME-950
		2		85	28	-	AAR	3-29	2.3	0h	AUGER TYPE-DEPTH 0.18m HSA-9.2m
		3						3-31	1.8	2d	CASING TYPE-DEPTH - SAMPLER TYPE AU-SS
182.01	DK GR SANDY CLAY LOAM, A-2-4	2									
181.53	RD BR & GR SANDY LOAM, A-2-4	3									
181.25	GR SAND, A-1-b	4									
180.49	RD BR, BR & GR SILTY CLAY LOAM, A-6	5									
179.73	GR SILTY CLAY, A-6 W/ FIBERS	6									
178.97	GR, RD BR & BR WEATHERED SHALE	7									
178.20	GR, RD BR & BR CLAY SHALE	8									
177.44	DK GR COAL SHALE	9									
177.14	BLK COAL	10									
176.68		11									

DESIGNED	LLV
CHECKED	PJL
DRAWN	MGM
CHECKED	LLV

METRIC TO ENGLISH CONVERSIONS

Depth: 1 meter = 3.281 ft.
Unconfined compressive strength, Qu: 100 KPa = 1.04 tons/sq. ft.

BORING LOGS
IL. ROUTE 336 OVER
TRIBUTARY TO KILLJORDAN CREEK
IL. ROUTE 336
F.A.P. ROUTE 315 SECT. 55-2
MCDONOUGH COUNTY
STATION 483+13.49
STRUCTURE NO. 055-2503

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