

** 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	440
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

SHEET NO. 6
7 SHEETS

Contract No. 68205

CLAUDE H. HURLEY COMPANY																								
BORING LOG					BORING NO. CB-471																			
PROJECT NO. 3-869-D					PROJECT FAP 315 (IL 336) SECTION 24, 31, 32																			
LOCATION CULVERT 14+467.5 36.3mL					LOCATION IDOT JOB NO. P-94-011-98																			
DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES					DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES																			
DATE OF DRILLING: STARTED 3-28-00 COMPLETED 3-28-00 SURFACE ELEVATION 183.69					DATE OF DRILLING: STARTED 3-28-00 COMPLETED 3-28-00 SURFACE ELEVATION 183.69																			
DRILLED BY R. HOWARD					LOGGED BY D. ANDERSON																			
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	W %	γ _d Kgpm ³	GROUNDWATER DATA			DRILLING METHOD														
							DATE	DEPTH	HOUR	RIG TYPE	CME-850	AUGER TYPE-DEPTH	0.18m HSA-8.7m											
183.39	DK BR SILTY CLAY LOAM, A-6 H/ FIBERS	2 2 4	AU	135	22	-	DD	3-28	1.7	-	AAR	3-28	1.6	0h	CASING TYPE-DEPTH	-								
182.32	DK BR & RD BR TO BLK & RD BR SILTY LOAM, A-4	1 1 1		65	29	-	3-31	1.5	3d	SAMPLER TYPE	AU-SS-NX													
182.01	RD BR & GR SILTY CLAY LOAM, A-6	1		21	-	-	CLASSIFICATION			Depth			N Bp0.15m			Qu KPa			W %			γ _d Kgpm ³		
181.56	BR & GR SILTY LOAM, A-4	1		22	-	-	DK GR & RD BR CLAY SHALE				22	-	11	-										
181.25	BR & GR SILTY CLAY LOAM, A-6	4 5 7		115	26	-	176.19	BLK COAL			48	-	22	-										
180.49	RD BR & GR CLAY, A-6	2 3 5		170	22	-	175.92	BLK COAL SHALE			60	-	22	-										
178.97	BL GR SILTY CLAY, A-7-6	2 5 8		515	22	-	175.46																	
178.20	GR SILTSTONE	12 50 96		-	11	-																		
177.44	GR SANDY SHALE	16 32 48		-	10	-																		
176.68																								

CLAUDE H. HURLEY COMPANY																								
BORING LOG					BORING NO. CB-472																			
PROJECT NO. 3-869-D					PROJECT FAP 315 (IL 336) SECTION 24, 31, 32																			
LOCATION CULVERT 14+474.8 11.7mL					LOCATION IDOT JOB NO. P-94-011-98																			
DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES					DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES																			
DATE OF DRILLING: STARTED 3-24-00 COMPLETED 3-24-00 SURFACE ELEVATION 183.62					DATE OF DRILLING: STARTED 3-24-00 COMPLETED 3-24-00 SURFACE ELEVATION 183.62																			
DRILLED BY R. HOWARD					LOGGED BY D. ANDERSON																			
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	W %	γ _d Kgpm ³	GROUNDWATER DATA			DRILLING METHOD														
							DATE	DEPTH	HOUR	RIG TYPE	CME-850	AUGER TYPE-DEPTH	0.18m HSA-9.9m											
183.32	DK BR SILTY CLAY LOAM, A-6 H/ FIBERS	2 2 4	AU	170	25	-	DD	3-24	4.0	-	AAR	3-24	2.3	0h	CASING TYPE-DEPTH	-								
182.40	DK BR & RD BR TO BLK & RD BR SILTY LOAM, A-4	1 1 1		65	29	-	3-27	1.5	3d	SAMPLER TYPE	AU-SS													
180.42	BR & GR SAND, A-2-4	1 1 1		20	-	-	CLASSIFICATION			Depth			N Bp0.15m			Qu KPa			W %			γ _d Kgpm ³		
178.56	DK GR CLAY SHALE	8 11 24		270	19	-	DK GR & RD BR CLAY SHALE				8	-	20	-										
177.37	GR SANDY SHALE	22 58 120		400	9	-	176.15				30	-	19	-										
176.61							173.68	END OF BORING			46	-	19	-										

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 474+85.25
STRUCTURE NO. 055-2501



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