

** 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	447
PER. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT-		

Contract No. 68205

CLAUDE H. HURLEY COMPANY												
BORING LOG					BORING NO. CB-478							
PROJECT NO. 3-869-D					PROJECT FAP 315 (IL 336) SECTION 24, 31, 32							
LOCATION CULVERT 14+751.3 26.7mL					IDOT JOB NO. P-94-011-98							
DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES					MCDONOUGH COUNTY, ILLINOIS							
DATE OF DRILLING: STARTED 3-29-00 COMPLETED 3-29-00					SURFACE ELEVATION 183.94							
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		
183.64	DK BR SILTY CLAY LOAM, A-6 W/ ROOTS & FIBERS	1	AU	-	82	-	DD	3-29	1.4	-	CME-850	
		2		65	29	-	AAR	3-29	2.0	0h	AUGER TYPE-DEPTH 0.18m HSA-8.8m	
		3						3-31	1.8	2d	CASING TYPE-DEPTH - SAMPLER TYPE AU-SS	
182.57	BR & GR SILTY LOAM, A-6	1		95	23	-	CLASSIFICATION					
		1		30	22	-	Elev	Depth	N Bp0.15m	Qu KPa	W %	γd Kgpm ³
182.26	BR & GR SANDY LOAM, A-2-4	1					GR CLAY SHALE	34				
		2						62		8		
		3						100/0.02m				
181.50	RD BR & GR SANDY LOAM, A-2-4	1										
		2										
		3										
		4										
180.74	RD BR, BR & GR CLAY LOAM, A-6	2										
		5		315	27	-						
		6										
179.98	RD BR & DK GR SILTY CLAY LOAM, A-6	6		345	23	-						
179.67	GR CLAY SHALE	18		585	8	-						
		25										
179.22	RD BR & GR CLAY SHALE	5										
		10										
178.91	BR, RD BR & GR CLAY SHALE	19										
178.45	BR, RD BR & GR SILTSTONE	29			7	-						
		50										
		51										
177.69	GR CLAY SHALE	24			9	-						
		74										
		100/0.05m										

CLAUDE H. HURLEY COMPANY												
BORING LOG					BORING NO. CB-479							
PROJECT NO. 3-869-D					PROJECT FAP 315 (IL 336) SECTION 24, 31, 32							
LOCATION CULVERT 14+744.0 6.8mL					IDOT JOB NO. P-94-011-98							
DRILLING CONTRACTOR WESTERN ENVIRONMENTAL SERVICES					MCDONOUGH COUNTY, ILLINOIS							
DATE OF DRILLING: STARTED 3-29-00 COMPLETED 3-29-00					SURFACE ELEVATION 183.93							
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		
183.63	DK BR SILTY CLAY LOAM, A-6 W/ ROOTS & FIBERS	1	AU	-	22	-	DD	3-29	1.4	-	CME-850	
		2		155	27	-	AAR	3-29	1.8	0h	AUGER TYPE-DEPTH 0.18m HSA-8.9m	
		3						3-31	1.8	2d	CASING TYPE-DEPTH - SAMPLER TYPE AU-SS	
182.56	BR & GR SILTY LOAM, A-6	1		65	28	-	CLASSIFICATION					
		2					Elev	Depth	N Bp0.15m	Qu KPa	W %	γd Kgpm ³
182.25	BR & GR SANDY LOAM, A-2-4	1					GR CLAY SHALE	42				
		2						100/0.06m			13	
		3										
181.49	RD BR & GR SANDY LOAM, A-2-4	1			16	-						
		2										
		3										
180.73	BL GR SILTY CLAY LOAM, A-6	0		155	25	-						
		2										
		3										
179.21	BR & GR GRAVELLY SAND, A-1-a	0										
		2										
		3										
178.44	GR CLAY SHALE	4		355	17	-						
		7										
177.96	BLK COAL	17			11	-						
177.68	GR CLAY SHALE	10			10	-						
		17										
		32										

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

STS CONSULTANTS
111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph(309)678-8464
FAX(309)678-5445
IL Design Firm Reg. No. 184-001518