and the second of the second o			Distr:	ict Ni	F OF TRANSPORTATION ne Materials		oring	Foundat Log	-10H	
Old F 3 Over Branch to Li						-		of 1		
Route. old IL Rte 13 Structure Number: 100-0065							Date:10/22/2008			
Section 6B Sounty: Williamson		Bored By: Rich Moberly Checked By: Rob Graeff								
Souncy: Williamson	. LOUA1	Lion: C	rab Or	anaro.		ed By:	Rob Gr	aeff		
Boring No 1-S	D	В			Surf Wat Elev: 476.2	ם	В			
Station 15' W West Abut	E P	L	-		Ground Water Elevation when Drilling 459.7	E	L			
Offset 4' S CL	T	w	Qu		At Completion	P	O W	Qu		
Ground Surface 481.7Ft	H	S	tsf	W%	At: Hrs:	Н	S	tsf	W%	
Asphalt and Concrete					Loose to Medium, very moist,		7			
200	. 10 . 10.0 . 10				brown and grey, Sand with		3			
480.2					Clay layers and seams					
Medium, very moist, grey and brown, Silty Clay Loam A-4		1			454.7 Medium, very moist, grey, Clay			Washed	3'	
	_	2	0.8B	21	A7-6	-	1 1	0.7B	21	
		1			-		1	9		
					<u>.                                    </u>	Ja 0	2 12402 1	TO THE SAME	A <sup>t</sup>	
	5.0	1			Stiff, moist, grey, Clay A7-6	20.5				
	0.0	1	0.88	21	Still, Illoist, gley, Glay A7-b	30.0	<u>1</u> 3	1.2B	20	
		2					3	1.60	:20	
171 7					-i				4 10 - 196	
Soft, very moist to wet, brown,		WH			449.7 Cored 32.1 to 37.1 feet		400/4"	D-6	r	
Silty Clay Loam A-6		WH	0.4B	21	40% Rec; 8% RQD		100/1	Refusa	1	
		1	47-24-313-	5554.5						
472.2					Hard, dry, grey, Limestone with					
Stiff, moist, brown mottled grey,	10.0	1			Clay Shale layers	35.0				
Silty Clay to Silty Clay Loam A-6		2	1.2B	18	-	35.0				
		3			_					
469.7	_				444.7	-				
Stiff, moist, brown, Clay to Silty		1			Cored 37.1 to 42.1 feet					
Clay A7-6		3	1.9B	21	100% Rec; 75% RQD					
		4								
467.2					Hard, dry, grey, Limestone					
Stiff, moist, brown, Sand Loam	15.0	4				40.0				
to Loam A-4		14	1.98	21						
		18			1					
464.7	20.00				439.7	BC200-001	1			
Very stiff, moist, grey, Silty Clay		2	3F 3T	No Triumpioni, A	1000					
Loam A-4	-	5	2.9B	15	Bottom of hole = 42.1 feet		]			
	-	6		1101-1-1-1-1	4	1	-			
					Free water observed at 22.0 feet	·	-			
	20.0	1			Elevation referenced to BM @	45.0	d			
		4	2.5B	16	SE Wingwall = 481.0					
		5		<del></del>	To convert WAR well as a talking					
459.7					To convert "N" values to "N60" multiply by 1.25	3-4-				
Medium, moist, brown, fine Sand		1			The state of the s	-	1			
with Clay layers _		6	0.68	19						
		10				-	4		16	
-					1		1			
456.7	25.0	1	25-1			50.0	ol .			

Boring Log District Nine Materials Sheet 1 of 1 Note: Note: 13 Structure Number: 100-0065 Date: 10/23/2008 Bored By: Rich Moberly Section 6B Checked By: Rob Graeff County: Williamson Location: Crab Orchard Surf Wat Elev: 476.2 D 3oring No 2-S Ground Water Elevation 474.2 Station 15' E East Abut when Drilling \_ 0 Qu tsf Offset 6' N CL At Completion W W% Ground Surface 481.2Ft Stiff to very stiff, moist, grey, Asphalt and Concrete Clay A7-6 479.7 Medium, moist, grey, Silt Loam A-4 0.9B 476.7 Soft, very moist, grey, Silt Loam 0.3B to Silty Clay Loam A-4 WH 450.2 WH Hard, dr. gr, Limestone 474.2 Bottom of hole = 30.6 feet Very soft, very moist, grey, WH Silty clay Loam A-6 WH 0.2B WH Free water observed at 7.0 feet Elevation referenced to BM @ 35.0 Stiff, moist, brown mottled grey, Clay A7-6 SE Wingwall = 481.0 10.0 1.1B 4 To convert "N" values to "N60" multiply by 1.25 469.2 Stiff, moist, grey mottled brown, 1.8B Silty Clay A-6 466.7 Stiff, moist, grey mottled brown, Silty Clay A-6 with Sand layers 1.1B 20 464.2 Stiff to very stiff, moist, grey, Clay A7-6 1.5B 2.3B 1.7B 3

ILLINOIS DEPARTMENT OF TRANSPORTATION

Bridge Foundation

tsf

1.9B

1.8B

100/1" Refusal

W%

Coombe-Bloxdorf P.C. -CIVIL ENGINEERS--STRUCTURAL ENGINEERS--LAND SURVEYORS-

ō

W

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Design Firm License No. 184-002703 COUNTY TOTAL SHEET NO.
WILLIAMSON 19 14 USER NAME = \_CFC\_ DESIGNED - GJB REVISED FILE NAME = SECTION **BORING LOGS** STATE OF ILLINOIS .\1002023-78090-004-borings.dgn CHECKED мсв REVISED 13B 6B-1 **STRUCTURE NO. 100–2023** PLOT SCALE = 0:1.999200 ':" / IN. DRAWN MML REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 78090 SHEET NO. 4 OF 4 SHEETS CB PROJECT NO Ø8Ø55-15 PLOT DATE = 12/23/2011 CHECKED REVISED MCB