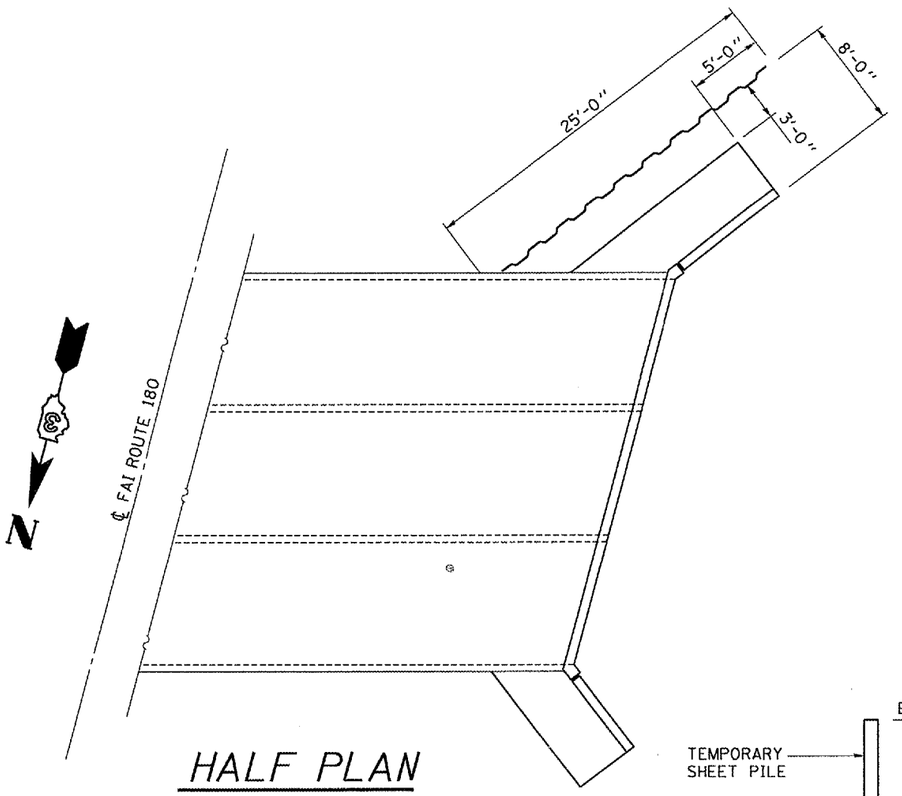
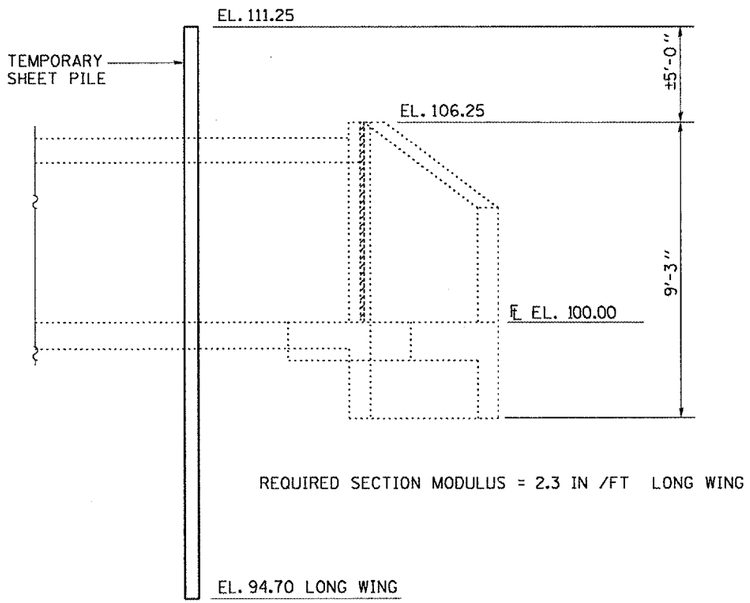
CONTRACT NO. 66733

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
180	106-1I	BUREAU	10	6
FED. ROAD DIST. NO.	ILLINOIS			



HALF PLAN



REQUIRED SECTION MODULUS = 2.3 IN /FT LONG WING

ELEVATION

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 1

Date 4/6/07

ROUTE FAI 180 (I-180) DESCRIPTION IL 180 over stream LOGGED BY Larry Myers

SECTION 06-1 LOCATION SE 1/4, SEC. 7, TWP. 16N, RNG. 10E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 006-2000
Station 157+00

BORING NO. 1 SW Quad
Station 156+76
Offset 49.00ft Rt
Ground Surface Elev. 98.91 ft

Surface Water Elev. 89.39 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 81.4 ft ▼
Upon Completion 74.9 ft ▽
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, brown, Sand and Gravel and black, Silty Clay Loam- fill			
98.91			
Very stiff, brown, gray, and black Silty Clay Loam/Silty Clay- fill	3		
	3 4	3.5 P	16.2
-5	4		
	4 5	3.6 P	15.7
91.91			
Stiff, brownish gray, Sandy Clay Loam Till- fill	2		
	2 3	2.0 P	14.6
89.41			
Stiff, gray, Loam and loamy, Gravel	2		
-10	2 5	1.8 P	22.5
86.91	4		
Very stiff, gray, Silty Clay Loam Till with thin Sand seams Free Water @ 17.5'	5 6	2.5 P	16.0
-15	5		
	7 11	3.1 B	13.4
▼	7		
	8 12	3.4 S	13.5
-20	4		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	6 11	3.4 S	13.6
76.91	4		
Very stiff, gray, Silty Clay Loam with thin Sand seams Free Water @ 17.5' *(continued)*			
Very stiff, brown, Silty Clay Loam Till	7 10	3.3 S	12.2
* Elevation of CL of NBL set at 100' ▽			
-25	4		
	7 10	3.3 S	12.6
	4		
	7 15	3.5 S	12.6
-30	4		
	8 11	3.3 S	12.2
-35	5		
	7 9	3.1 B	14.1
62.91			
End of Boring			
-40			

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)

BILL OF MATERIAL
LONG WING

TEMPORARY SHEET PILE	SQ. FT.	414

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY SHEET PILE

FAI ROUTE 180 (I-180) SECTION (06-1)I
STA. 157+00
BUREAU COUNTY
S.N. 006-2000

Date: 10/30/2007
c:/projects/main08/cm316/details.dgn

\dab00036\tsl\details.dgn 12/3/2007 8:17:18 AM