

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 22	05-00907-00-BR	CHAMPAIGN	36	12
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

**GENERAL NOTES**

Class MS or SI Concrete shall be used in the Piers and Abutments.

Boring Data is shown only as a guide to bidders in estimating soil conditions which may be encountered during construction.

Masonry material salvaged from the existing structure shall not be reused and shall be disposed of off site by the Contractor.

Riprap required to meet the limits shown on the plan shall be paid for as Riprap and shall be grouted. See Special Provisions.

Reinforcement bars shall conform to the requirements of AASHTO M-31, M-41, or M-53, Grade 60.

Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. Adjustments shall be made either by grinding the surface or by shimming the bearing. Two 1/2" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims.

The contractor shall drive 3 test piles in a permanent location, one at each abutment and 1 at pier #2 as directed by the Engineer before ordering the remainder of piles.

All construction joints shall be bonded.

**BORING DATA**

N - Standard Penetration Test - Blows per foot to drive 2" O.D.

Split Spoon Sampler 12" with 140 lb. hammer falling 30"

Qu - Unconfined Compression Strength - Tons/Sq.Ft.

Mc - Water Content - Percentage of oven dry weight - %

D - Depth

P - Penetrometer

B - Bulge Failure

S - Shear Failure

E - Estimated Value

PLAN	DATE	BY			
	SURVEYED	PLOTTED	CHECKED	DATE	BY
NOTE BOOK NO.	STRUCTURE NOTATIONS CHKD				

PROFILE	DATE	BY			
	SURVEYED	PLOTTED	CHECKED	DATE	BY
NOTE BOOK NO.	STRUCTURE NOTATIONS CHKD				

Surface 701.1

D	N	Qu	Mc	Soil Description
-	-	15		2" Oil & Chip over 5" 3" crushed stone
5				Dark brown and brownish-gray mixed silty CLAY (CL) Fill
10	3.6B	23		
7.0'				
8	1.4S	23		Brown and gray mottled silty CLAY (CL)
9.5'				
10				Brown clayey SILT (ML)
12.0'				
10				Brown sandy CLAY (SC)
15				Poor recovery at 15 ft. Possible cobble
17.0'				
14		16		
20				Brown fine to medium SAND (SP) Wet
23.0'				
25				
25		12		
30				Brown fine to coarse SAND (SW) Wet
30	17	14		
35				
35	24	9		
40				
40	27	14		END OF BORING 41.5'

BORING NO. B-1  
Sta. 11+59, 9' Rt.

Surface 700.6

D	N	Qu	Mc	Soil Description
-	-	19		6" 2" Oil & Chip over 6" 4" crushed stone
5				Dark brown and brownish-gray mixed silty CLAY (CL) Fill
7		16		
11	5.2B	18		
9.5'				
9		18		
10				Gray clayey SILT (ML)
12.0'				
10	8	.6S	16	
17		18		
15				Gray fine to coarse clayey SAND (SC) Wet
13		19		
15		15		
19.5'				
20	11	13		Brown fine to medium SAND (SP) Wet
23.0'				
25				
25	19	15		
30				Brown fine to coarse SAND (SW) Wet
30	19	9		
35				
35	23	8		
40				
40	20	6		END OF BORING 41.5'

BORING NO. B-2  
Sta. 8+47, 9' Lt.

BORING LOGS AND NOTES  
SECTION: 05-00907-00-BR  
CHAMPAIGN COUNTY  
STATION 10+00