

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 20	06-00146-00-BR	HENRY	9	9
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

85439

GENERAL NOTES

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. 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.

All construction joints shall be bonded.

Class SI concrete to be used throughout.

All exposed edges shall be chamfered 3/4"

Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42, or M-53, Grade 60.

Bars indicated thus 12 x 4 - #5 etc. indicates 12 lines of bars with 4 lengths per line, bar size #5.

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

BORING NO. B-1

11' W. of W. abut.
15' South of centerline

D	N	Qu	Mc	
				Surface 200.6
				199.9 Aggregate Shoulder
	8	1.5	32.1	
				Tough dark Brown SILTY CLAY LOAM, very moist
5	7	1.5	40.1	
				194.6
	4	0.5	31.7	Soft brown-gray SILTY CLAY LOAM, very moist
				192.1
10	3	0.25	40.3	
				Very soft to soft gray SILTY CLAY, very moist
	3	0.3	48.8	
				185.6
15	3	0.5	25.8	
				Firm gray fine SAND, saturated
	14	--	--	
	14	--	--	
20				24" Blow in at 21'
	12	--	--	
	11	--	--	
25				
	24	--	--	
	29	--	--	
30				
	10	--	--	
35				
	23	--	--	12" Blow-in at 38.5'
40				
				157.6
	8	1.4	29.3	Tough gray CLAY, very moist
45				24" Blow-in at 43.5'
50	9	1.1	32.4	

D	N	Qu	Mc	
				Surface 201.0
50				Tough gray CLAY, very moist
	4	1.5	38.3	
				200.7 Bituminous Pavement
				199.5 Agg. Base Course
5	4	1.25	26.8	
				Tough dark Brown SILTY CLAY LOAM, very moist
				195
	3	0.3	63.3	
				soft to very soft brown-gray SILTY CLAY, very moist
10	3	0.35	32.5	
				142.6
	0	--	--	Firm gray fine SAND, saturated
60				
	24	--	--	18" Blow-in at 63.5'
65				
	22	--	--	
70				
	28	--	--	END OF BORING
75				

BORING NO. B-2

6' E. of E. Abut.
12' N. of centerline

D	N	Qu	Mc	
				Surface 201.0
50				Tough to stiff gray CLAY, very moist
	4	1.5	38.3	
				200.7 Bituminous Pavement
				199.5 Agg. Base Course
5	4	1.25	26.8	
				Tough dark Brown SILTY CLAY LOAM, very moist
				195
	3	0.3	63.3	
				soft to very soft brown-gray SILTY CLAY, very moist
10	3	0.35	32.5	
				186
	3	0.25	51.5	
				Firm to dense gray fine SAND, saturated
15	4	0.25	27.9	
				186
	16	--	--	
	17	--	--	
20				24" Blow in at 21'
	16	--	--	
				24" Blow in at 23.5'
	16	--	--	
25				
	33	--	--	
	46	--	--	
30				
	17	--	--	18" Blow-in at 33.5'
35				
	17	--	--	
40				
	11	1.27	30.9	Tough to stiff gray CLAY, very moist
45				158
50	10	1.33	32.5	

D	N	Qu	Mc	
50				Tough to stiff gray CLAY, very moist
	14	1.5	57.2	
55				
	14	0.7	30.7	141
60				Firm gray fine SAND, saturated
				36" Blow-in at 63.5'
	15	--	--	
65				
	14	--	--	24" Blow-in at 68.5'
70				END OF BORING

SHEET TITLE
BORING LOGS AND NOTES
& DETAILS