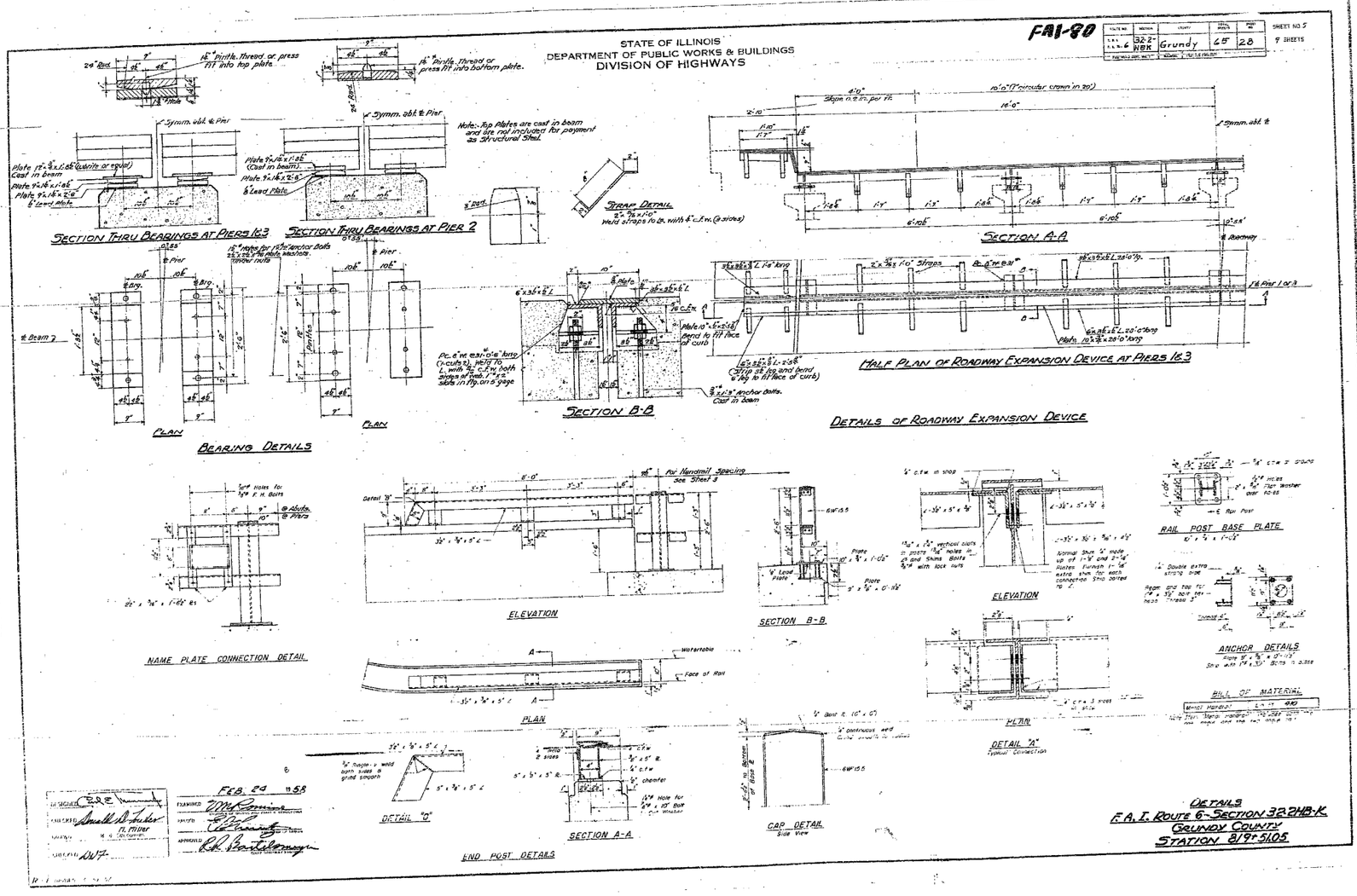
For Info Only

FAI-80

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 6	32-2-HBK	Grundy	65	28

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS



FEB. 24 1958

DESIGNED
CHECKED
DRAWN
CHECKED

EXAMINED
PASSED
APPROVED

Details
F.A.I. Route 6-Section 32.2HB-K
Grundy County
Station 819+51.05

FAI-80

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 6	32-2-HBK	Grundy	65	25

SHEET NO 2 9 SHEETS

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

Boring No. 1

Boring located at Station 20+46, 10 Ft Rt Centerline

Elevation	Blows per 6"	Elevation	Blows per 6"	
		590.0		
		589.0	10	Qu-1.68
		588.0		Medium gray silt interbedded with thin stiff clay lenses.
Surface of Ground. 608.7		586.5	14	Qu-1.92
Stiff black silty clay.		585.5		
606.5		584.5	11	Stiff gray silty clay till. Qu-1.72
		583.5		
Hard brown mottled clay till. Qu-5.55	10	582.5	28	Qu-2.90
	12	580.5		
Very stiff brown and gray silty sandy clay. Qu-2.36		579.0	25	Qu-2.74
		578.0		Very stiff gray clay till.
Dense brown poorly graded subangular small gravel.	33	576.5	21	Lost Sample
		575.5		
Qu-6.09	26	574.0	26	Qu-2.94
		573.0		
Hard gray clay till. Qu-5.49	25	571.5	35	Qu-4.98 Hard gray clay till.
		570.5		
Qu-4.13	21	569.0	35	Qu-5.20
		568.0		

Boring No. 2

Boring located at Station 20+05, 10 Ft Rt Centerline

Elevation	Blows per 6"	Elevation	Blows per 6"	
		590.0		
		589.0	14	Qu-1.66
		588.0		Medium gray silty inter bedded with thin stiff lenses of clay.
Surface of Ground. 608.9		586.5	11	Lost Sample
Stiff black silty clay.		585.5		
607.0		584.0	18	Stiff gray silty clay till.
Very stiff brown gravelly clay.		583.0		Lost Sample
		582.0		
Medium brown clayey sand and gravel. 24	604.5 604.0	581.5	30	Lost Sample
	603.0	580.5		
Medium gray clay till. Qu-5.98	7	579.0	27	" "
	602.0 601.5	578.0		Very stiff gray clay till.
	600.5 600.0			
Qu-5.50	38	576.5	25	Lost Sample
	599.0	575.5		
Hard gray clay till. Qu-6.62	37	574.0	32	" "
	598.0 596.5	573.0		
Qu-4.98	17	571.5	36	" "
	595.5 594.0	570.5		
Very stiff gray clay till. Lost Sample	14	569.0	23	Qu-3.19
	593.0 592.0 591.5 590.5 590	568.0		

Boring No. 3

Boring located at Station 19+50, 10 Ft Rt Centerline

Elevation	Blows per 6"	Elevation	Blows per 6"	
		590.0		
		589.0	19	Lost sample
		588.0		Medium gray silt interbedded with stiff gray clay lenses.
Surface of Ground. 608.9		586.5	32	Qu-2.53
Stiff black silty clay.		585.5		
607.0				
Medium brown clayey gravel.				
605.0				
Qu-5.92	15	604.0		
		603.0		
Hard brown mottled clay.				
Qu-6.25	31	601.5		
		600.5		
		600.0		
Qu-5.60	31	599.0		
		598.0		
Hard gray clay till. Qu-5.35	21	596.5		
		595.5		
Lost Sample.	20	594.0		
		593.0		
Qu-4.90	37	591.5		
		590.5		
		590.0		

Boring No. 4

Boring located at Station 18+94, 10 Ft Rt Centerline

Elevation	Blows per 6"	Elevation	Blows per 6"	
		589.0		
		588.0	13	Medium gray silt.
		587.5		
Surface of Ground. 608.9		586.5	17	Very stiff gray clay, numerous silt lenses.
Stiff black silty clay.		585.5		Qu-2.33
607.0		584.0	14	Very stiff gray clear clay.
Medium brown clayey gravel.		583.0		Qu-2.36
605.0		582.0		
Very stiff brown silty clay till. Qu-2.53	11	581.5	18	Qu-2.20
	603.0	580.5		Very stiff gray clay till.
	602.5			
Hard brown mottled clay till. Qu-7.68	36	579.0	23	Qu-2.16
	601.5 600.5	578.0		
	600.0			
Qu-5.64	37			
	599.0 598.0			
Qu-4.74	29			
	596.5 595.5			
Hard gray clay till.				
Lost Sample	24			
	594.0 593.0			
" "	35			
	591.5 590.5 590.0			

Boring No. 5

Boring located at Station 18+50, 10 Ft Rt Centerline

Elevation	Blows per 6"	Elevation	Blows per 6"	
		589.5		
		588.0	25	Medium gray silt.
		587.0		
Surface of Ground 609.0		586.5	15	Medium gray silt with thin gray clay lenses.
Black silty clay.		585.5		
607.0		584.0	12	Qu-2.20
Stiff mottled clay.		583.0		
605.0		582.0		
604.0		581.5	13	Qu-2.65 Very stiff gray clay till.
Medium brown silty gravel. 26	603.0	580.5		
	602.0	579.0	18	Lost Sample
Qu-7.27 25	601.5	578.0		
	600.5			
Qu-6.70 25	599.0			
	598.0			
Hard gray clay till.				
Qu-6.41 25	596.5			
	595.5			
Qu-5.39 21	594.0			
	593.0			
Very stiff very sandy gray till. Qu-2.80 22	592.5			
	590.5			

Note: N Blows per foot of penetration of sampling spoon. Hammer Wt 140 lbs. Drop 30"
Qu: Unconfined compressive strength in tons per square foot

DESIGNED
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DRAWN
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FEB 24 1958

EXAMINED
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APPROVED

Boring Data
F.A.I. Rt. 6-Section 32.2HB-K
Grundy County
Station 819+51.05

170
66412