

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	62
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

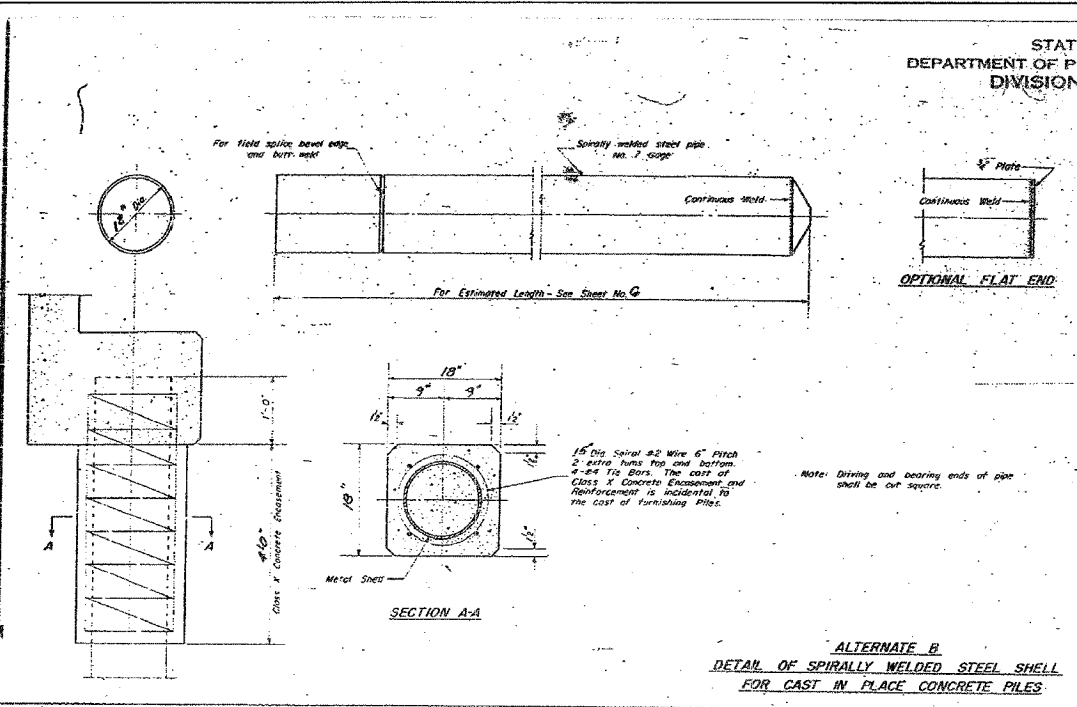
SHEET NO. B35  
OF 35 SHEETS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

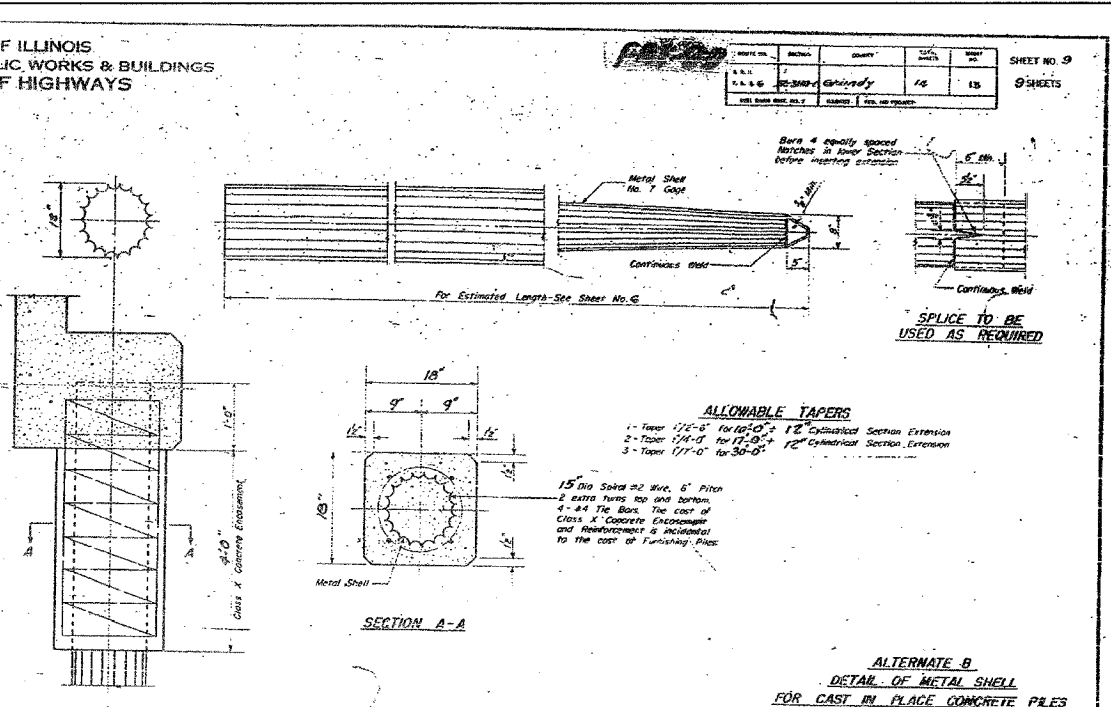
STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10
1	1	1	1	1	1	1	1	1	1

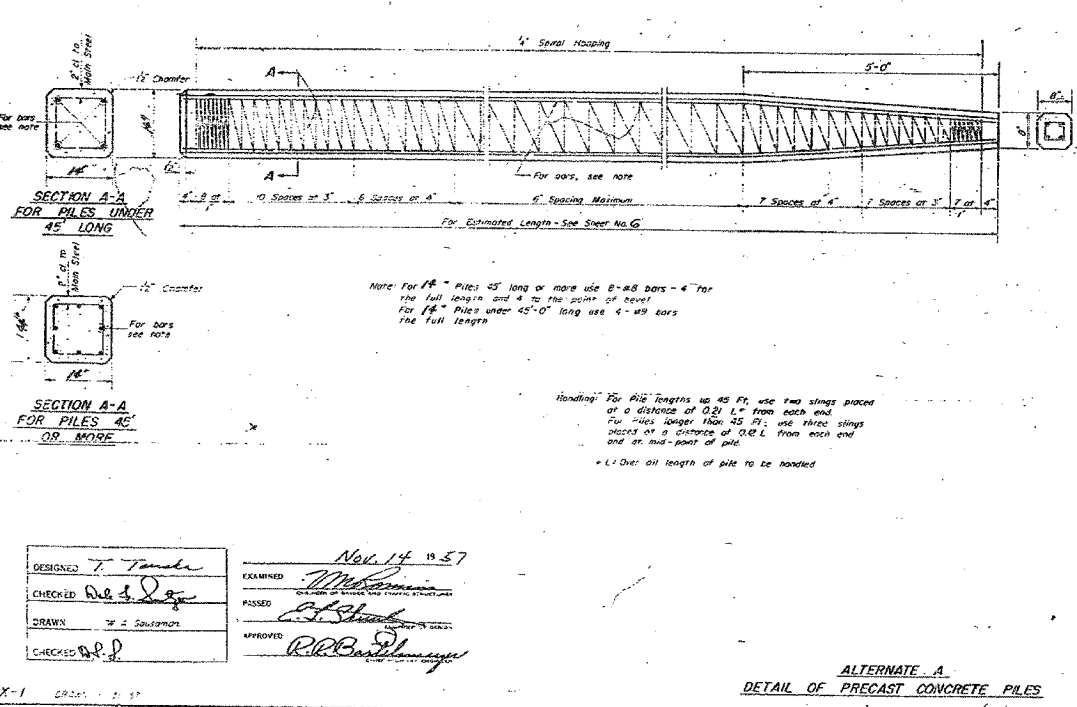
SHEET NO. 9  
OF 9 SHEETS



ALTERNATE B  
DETAIL OF SPIRALLY WELDED STEEL SHELL  
FOR CAST IN PLACE CONCRETE PILES



ALTERNATE B  
DETAIL OF METAL SHELL  
FOR CAST IN PLACE CONCRETE PILES



ALTERNATE A  
DETAIL OF PRECAST CONCRETE PILES

**BOREING DATA**

**BOREING #1**  
Located at Sta. 1116.12 ETC

0-10	Dark silty clay
10-20	Dense brown silty sand and gravel
20-30	Dense gray sandy silt
30-40	Hard gray silty clay fill
40-50	Hard gray sandy clay fill
50-60	Very dense gray sandy fill
60-70	Hard gray clay fill
70-80	Hard gray clay fill with silty lenses

**BOREING #2**  
Located at Sta. 1116.12 ETC

0-10	Stiff black silty clay
10-20	Very stiff and hard silty clay
20-30	Very dense brown poorly sorted subangular gravel
30-40	Very dense gray pebbly silt
40-50	Hard gray very gravelly silt
50-60	Very dense gray pebbly silt
60-70	Hard gray brittle clay fill
70-80	Very dense gray pebbly silt

**BOREING #3**  
Located at Station 1266.12 ETC

0-10	Very stiff and hard clay fill
10-20	Hard gray clay fill
20-30	Dense gray sandy silt
30-40	Very stiff gray sandy clay fill
40-50	Hard gray pebbly clay fill
50-60	Dense gray very sandy silt
60-70	Hard gray clay fill

**BOREING #4**  
Located at Sta. 1162.10 ETC

0-10	Stiff black silty clay
10-20	Stiff brown silty clay
20-30	Dense gray silt
30-40	Very dense gray pebbly silt
40-50	Hard gray brittle clay fill
50-60	Very dense gray pebbly silt

**BOREING #5**  
Located at Sta. 1162.10 ETC

0-10	Stiff black silty clay
10-20	Stiff brown silty clay
20-30	Dense gray silt
30-40	Very dense gray pebbly silt
40-50	Hard gray brittle clay fill
50-60	Very dense gray pebbly silt

Note: N = Blows per foot of penetration of standard cone penetrometer with 140 lbs. C<sub>100</sub> = 12 inches. C<sub>100</sub> = Unconfined compressive strength in tons per square foot.

**FILE DETAILS & BOREING DATA**  
BRIDGE OVER F.A.I. RT. 6  
F.A.I. RT. 6 SEC. 32-113-1  
GRUNDY COUNTY  
STA. 1266 + 04.53 (F.A.I. 6)

FOR INFORMATIONAL  
USE ONLY

DESIGNED: T. Tomlin  
CHECKED: R. J. DeLoach  
DRAWN: W. J. Sauerborn  
CHECKED: R. J. DeLoach

EXAMINED: M. J. ...  
APPROVED: R. B. ...

Nov. 14, 1957

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING PLANS  
F.A.I. 80 (I-80)  
F.A.U. 5974 (ASHLEY ROAD) OVER I-80  
SECTION 32-3HBR-1  
GRUNDY COUNTY  
STATION 110+00.00 STRUCTURE NO. 032-0113  
DESIGNED BY: JML  
DATE: 09/09/05  
DRAWN BY: DJM  
CHECKED BY: MSW