

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

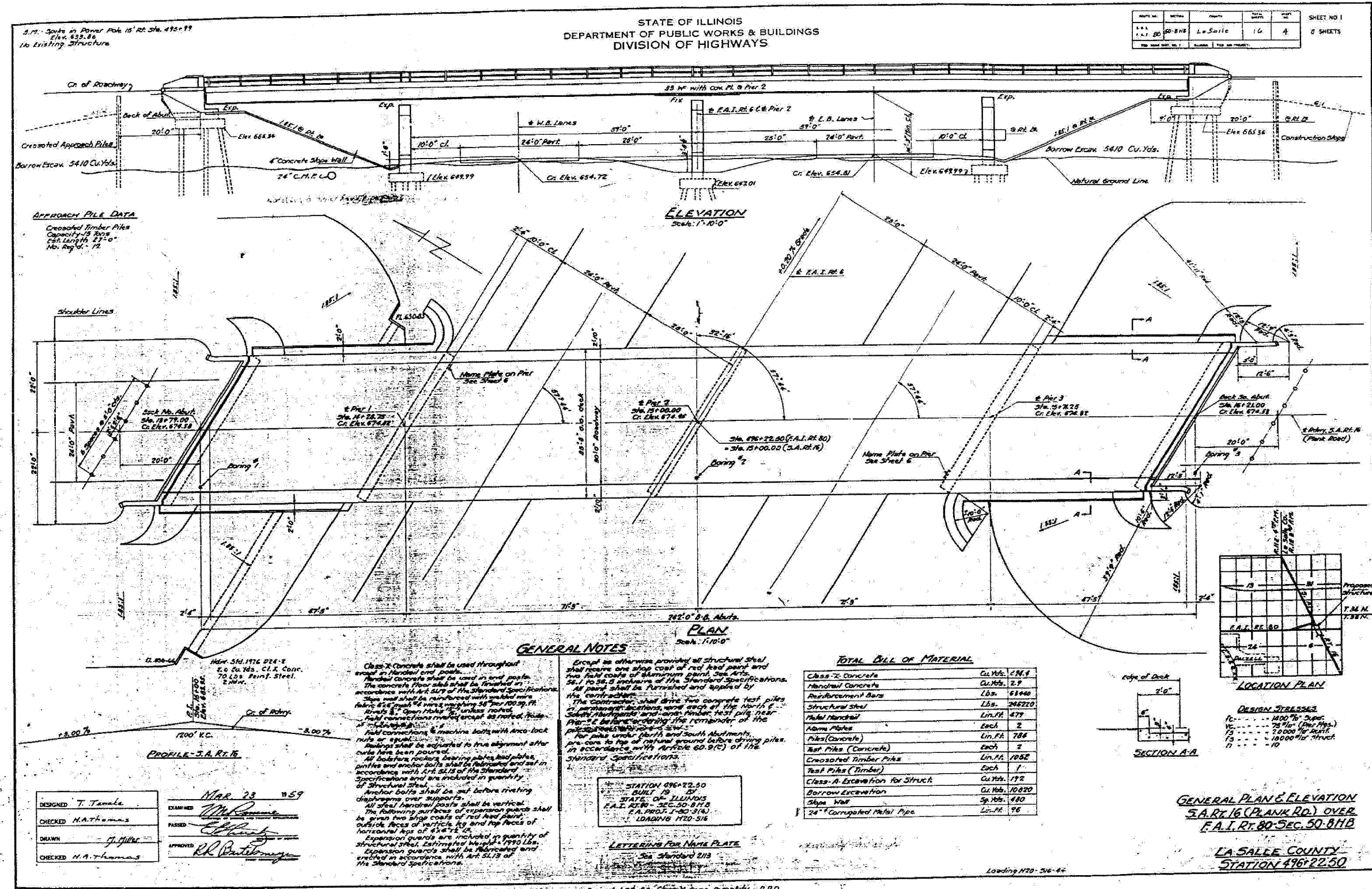
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 80	50-8HBR	LASALLE	143	88
FED. ROAD DIST. NO. 7	SUB. PROJ.	FED. AID PROJECT		

Contract # 66645

DATE	BY	REVISION	NO.	DATE
10-28-59	L. S. Williams		16	

SHEET NO 1
OF SHEETS

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



APPROACH PILE DATA
Crossed Timber Piles
Capacity 15 Tons
Can Length 27'-0"
No. Piles - 12

ELEVATION
Scale: 1"=10'-0"

PLAN
Scale: 1"=10'-0"

GENERAL NOTES

Class X Concrete shall be used throughout except in hand laid and potholes. And concrete shall be used in and under. The concrete floor slab shall be finished in accordance with Art. 517 of the Standard Specifications. Steel reinforcement shall be furnished and applied by the contractor. The contractor shall drive two concrete test piles at each abutment and one at the North E. Side abutment and one timber test pile near Pier C before starting the remainder of the project. For pile under North and South Abutments, pre-cast to top of natural ground before driving piles. In accordance with Article 60.9(C) of the Standard Specifications. Anchor bolts shall be set before riveting diaphragms over supports. All steel structural parts shall be vertical. The following surfaces of expansion joints shall be given two shop coats of red lead paint: outside faces of vertical leg and top faces of horizontal legs of 4" x 4" x 1/2". Expansion guards are included in quantity of structural steel. Estimated Weight 1,990 Lbs. Expansion guards shall be fabricated and erected in accordance with Art. 51.13 of the Standard Specifications.

TOTAL BILL OF MATERIAL

Class X Concrete	Cu Yds.	124.9
Hand laid Concrete	Cu Yds.	2.7
Reinforcement Bars	Lbs.	68,440
Structural Steel	Lbs.	248,220
Steel Hand laid	Lin. Ft.	479
Alum. Plates	Each	2
Piles (Concrete)	Lin. Ft.	786
Test Piles (Concrete)	Each	2
Test Piles (Timber)	Each	1
Crossed Timber Piles	Lin. Ft.	1,052
Class A Excavation for Struct	Cu Yds.	172
Borrow Excavation	Cu Yds.	10,020
Slope Wall	Sq. Yds.	480
24" Corrugated Metal Pipe	Lin. Ft.	96

DESIGN STRESSES

- 10 - 1400 lbs. Super.
- 15 - 75 lbs. (Dist. Pile)
- 15 - 1,000 lbs. for North
- 15 - 1,000 lbs. for South
- 10 - 10

GENERAL PLAN & ELEVATION
S.A.R.T. 16 (PLANK RD.) OVER
F.A.I. RT. 80 - SEC. 50-811B

LASALLE COUNTY
STATION 496+22.50

DESIGNED T. Tamm
CHECKED N.A. Thomas
DRAWN J. Hill
CHECKED N.A. Thomas

Mar 23 1959
EXAMINED [Signature]
PASSED [Signature]
APPROVED R.R. [Signature]

STATION 496+22.50
BUILT 19 59
STATE OF ILLINOIS
F.A.I. RT. 80 - SEC. 50-811B
F.A. PROJ. 1-80-31A
LOADING H20-516

LETTERING FOR NAME PLATE
See Standard D13
Scale: 1/2"=1'-0"

Revised 1-28-60 - Class X Conc. quantity R.P.D.

FOR INFORMATION ONLY

EXISTING PLANS - 1959
PLANK ROAD OVER
FAI ROUTE 80 (I-80)
SECTION 50-8HBR
LASALLE COUNTY
STATION 3886+74.90
STRUCTURE NO. 050-0249