CONTRACT: 72F02
SHEET 23 OF 27

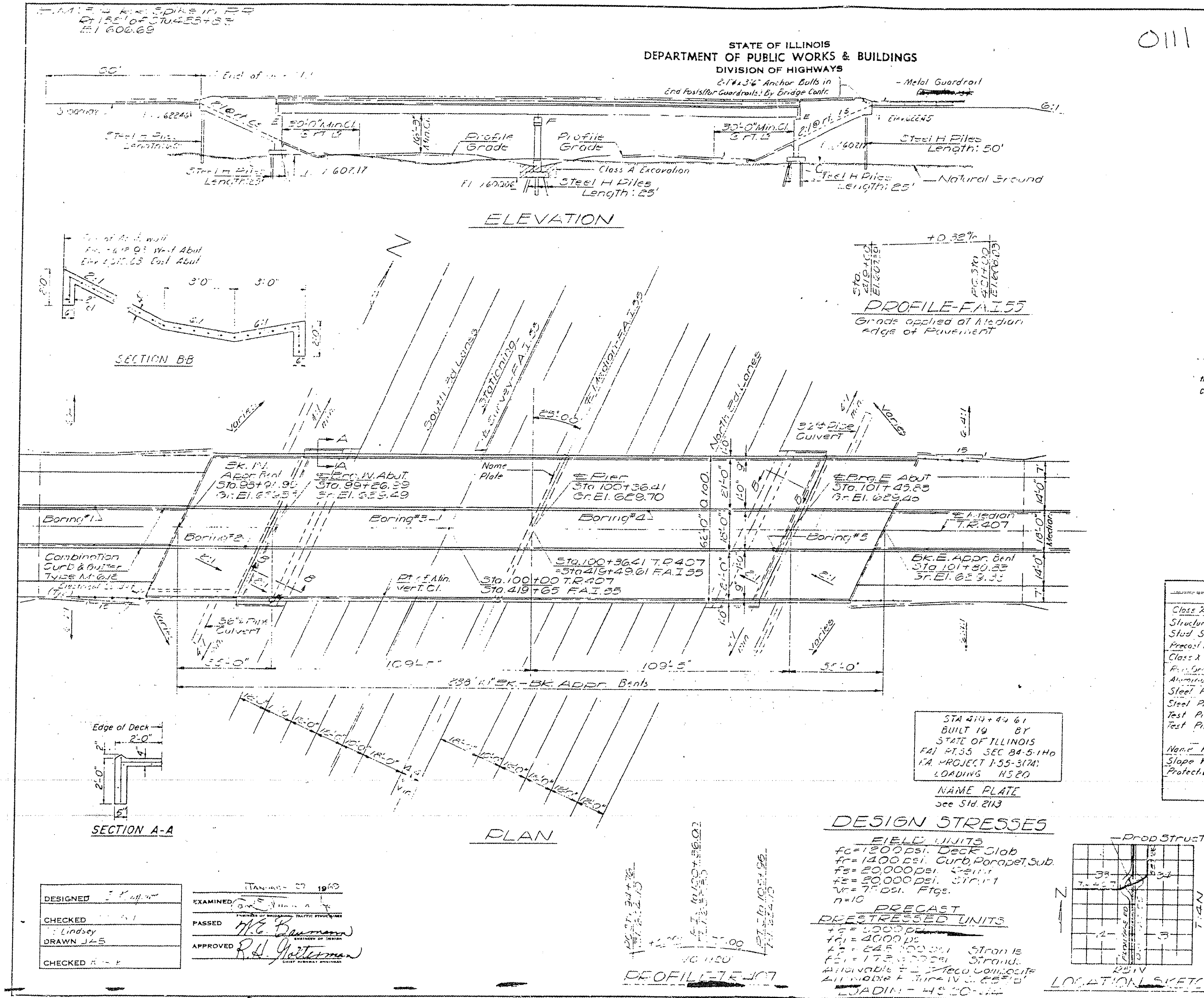
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

0111

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	SANGAMON	460	106

SHEET NO. 1 / 1 SHEETS

*84-5-1, 1HB, 1VHB



GENERAL NOTES

All reinforcement bars shall be lapped 24 diameters unless otherwise shown.

[illegible]

The Basic Lead Silico Chromate paint system shall be used for shop and field painting of structural steel.

Field welding of construction accessories will not be permitted to the bottom flange of beams or girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.

Anchor bolts shall be set before bolting diaphragms over supports.

Slope wall shall be reinforced with welded wire fabric 6"x 6" mesh, weighing 58# per 100 sq. ft.

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

The Contractor shall drive 2 steel test piles in permanent location, one @ W. Approach Bent, and one at the Pier as directed by the Engineer before ordering the remainder of piles.

Class A Excavation for structure includes excavation for slope wall.

The concrete rail section above the mandatory construction joint at the top of the slab shall be constructed of Class X Concrete, except the aggregates shall conform to the requirements of Handrail Concrete.

Calculated weight of Structural Steel = 45,510 lb.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Class "A" Excavation for Structure	Cu. Yds.		104	104
Structural Steel	Lump Sum	Lump Sum		Lump Sum
Stud Shear Connectors	Each	2808		2808
Precast Prestressed Conc. I Beams (36")	Lin. Ft.	580.5		580.5
Class X Concrete	Cu. Yds.	561.2	428.0	989.2
Reinforcement Bars	Lbs.	128,990	37,100	166,090
Aluminum Railing	Lin. Ft.	535		535
Steel Piles (8 BP36)	Lin. Ft.		2175	2175
Steel Piles (10 BP42)	Lin. Ft.		1040	1040
Test Piles (Steel) (8BP36)	Each		1	1
Test Piles (Steel) (10BP42)	Each		1	1
Name Plates	Each		1	1
Slope Wall (4")	Sq. Yds.		392	392
Protective Coat	Sq. Yds.	2100		2100

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PROJECT I-55-3 (74) 83

GENERAL PLAN & ELEVATION
T.R. 407 OVER F.A.I. 55
F.A.I. ROUTE 55
SECTION 84-5-1HB
SANGAMON COUNTY
STATION 419+49.61

FOR INFORMATION ONLY

EXISTING PLANS, SN 084-0111
VARIOUS ROUTES
D6REHAB BDGE PAINTING 2012
MENARD, SANGAMON COUNTIES