

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

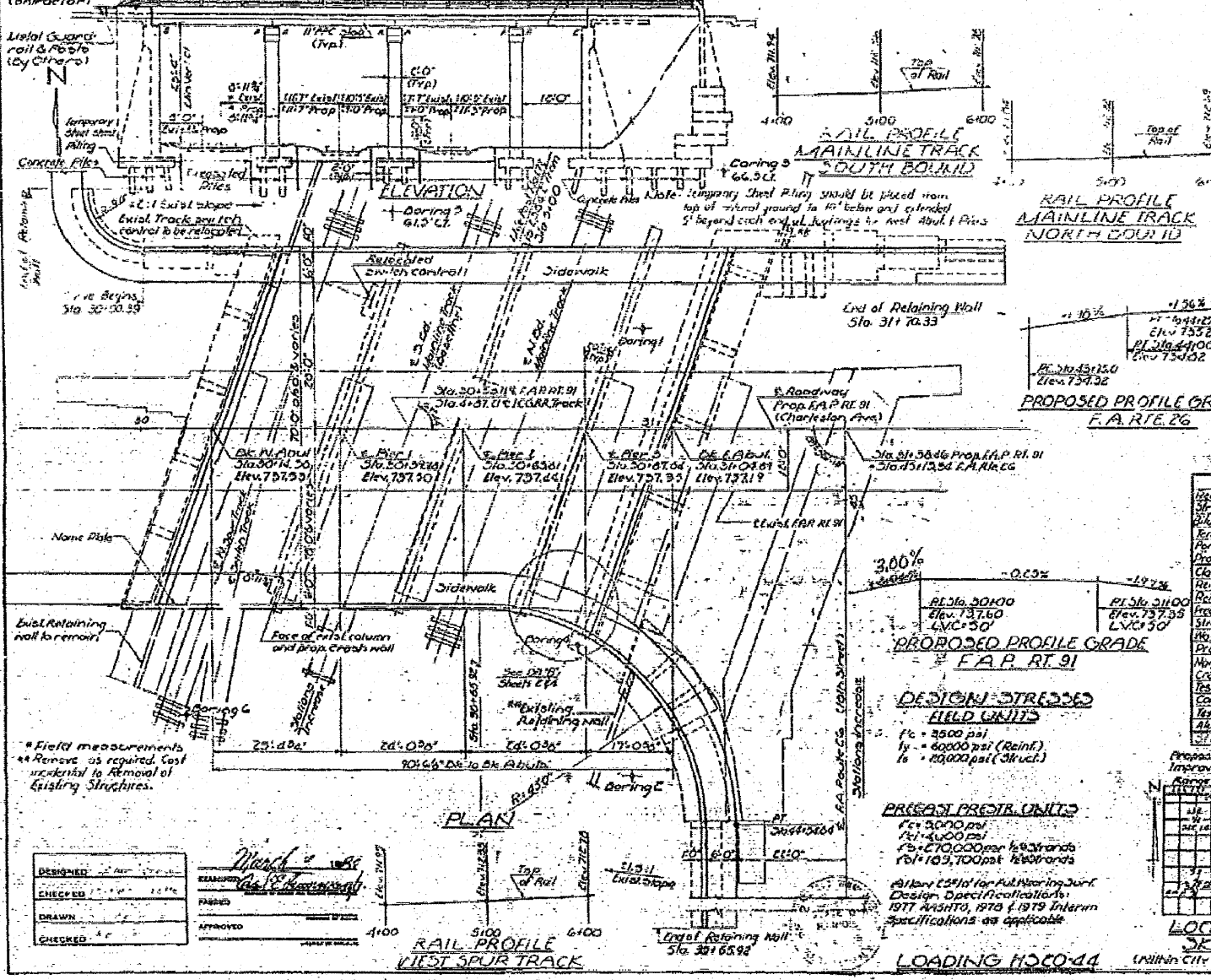
DATE	NO.	BY	REVISION

PROJECT NO. 11
SHEET NO. 11

ALL 3/2 corner Top of ICGRR retaining wall near SE corner of Charleston Ave bridge Elev. 716.11
Existing Structure #0120014 built in 1919, 1930, as I.C. Railroad Bridge 12x3, Station 30+71.4 and
widened in 1940 as U.S. Route 24, Section 14 VD, Station 30+71.15 5' spans RC deck girder super-
structure on RC closed abutments and RC column pier. Contractor shall remove exist structure
Road to be closed during construction. No salvage (Existing Structure 1940) face to face of
abutments and 45'0" will cut. See sheet #10 for Sec. Thru

GENERAL NOTES

See Proposal for Boring Data.
All structural steel shall be shop painted with two coats of
basic lead silico chromate paint.
The contractor shall drive one concrete test pile each in a
permanent location of West Abutment and one timber test pile at Pier 3
as directed by the Engineer before ordering the remainder of piers.
The top surface of the beams shall be finished in accordance
with Article 505.06 of the Standard Specification except that the
surface shall not be roughened by brooming, the finished surface
shall be free of depressions or high spots with sharp corners,
and the top edge of keys shall be rounded or chamfered
to a minimum of 1/4".
Protective Coat shall not be applied to surfaces to which
Waterproofing Membrane System is applied.
Reinforcement bars shall conform to the requirements of
A.S.T.M. A-31 or A-36 Grade 60.



STATION 30+63.74
SHEET 1-B
STATE OF ILLINOIS
F.A.P. RT. 91 SEC. 19VBR
E.A. PROJ. FR. 91(93)
LOADING H3CO-44
STR. NO. 018-0244
NAME PLATE
(See 5th Ed. 1113)

TOTAL BILL OF MATERIAL

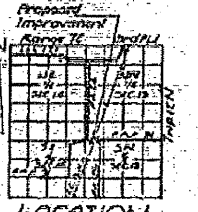
Item	Unit	Super	7/6	7/01
Removal of Existing Structures	Each		2290	2290
Structure Excavation	Cu Yd		48	48
Aluminum Concrete Sealant, Class 1	Gal		4590	4590
Temporary Sheet Piling	Sq Ft		1286	1286
Portland Cement Mortar, Fining Course	Sq Yd		177	177
Protective Coat	Sq Yd		177	177
Class 1 Concrete	Cu Yd		660	1218.5
Reinforcement Bars	Pounds		2770	121360
Reinforcement Bars (epoxy coated)	Pounds		3090	3090
Precast Prestressed Concrete Deck Beams (11' Depth)	Sq Ft		594	594
Structural Steel	Pounds		3590	3590
Waterproofing Membrane System	Sq Yd		546	546
Waterproofing Sealant (S-2)	Gal		194	194
Name Plates	Each		1	1
Crossed Piling 20' to 30' Feet	Lin. Ft.		3152	3152
Test Piles-Timber	Each		1	1
Concrete Piles	Lin. Ft.		3881	3881
Test Pile Concrete	Each		1	1
Aluminum Piling, Type 1	Lin. Ft.		367	367
Steel Sheet Piling	Sq Ft		605	605

DESIGN STRESSES FIELD UNITS

f_c = 3500 psi
f_y = 60000 psi (Reinf.)
f_s = 40000 psi (Struct.)

PRECAST PRESTR. UNITS

f_c = 3000 psi
f_y = 40000 psi
f_s = 40000 psi
f_s = 40000 psi (Reinf.)
f_s = 40000 psi (Struct.)



PROJECT TR-91(93)
GENERAL PLAN AND ELEVATION
F.A.P. RT. 91 OVER ILL. CENT. CO. F.R.R.
F.A.P. ROUTE 91
SECTION 19VBR
COLES COUNTY
STATION 30+63.74
Revised: 8-21-00 R.D.

DESIGNED	BY	DATE
CHECKED	BY	DATE
DRAWN	BY	DATE
CHECKED	BY	DATE

Revised: 2-27-01 R.D.