

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11W-3,RS-8,*	TAZEWELL	442	249

*11BR-1, 11BR-2

DATE	SECTION	COUNTY	NO. SHEETS	SHEET NO.
11/24	11BR	Tazewell	16	8

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

FOR INFORMATION ONLY

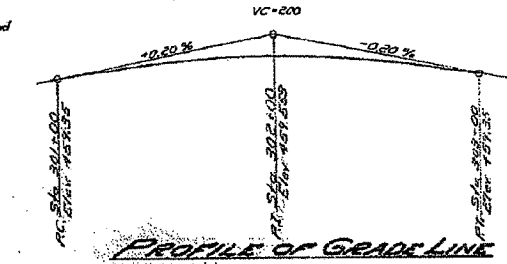
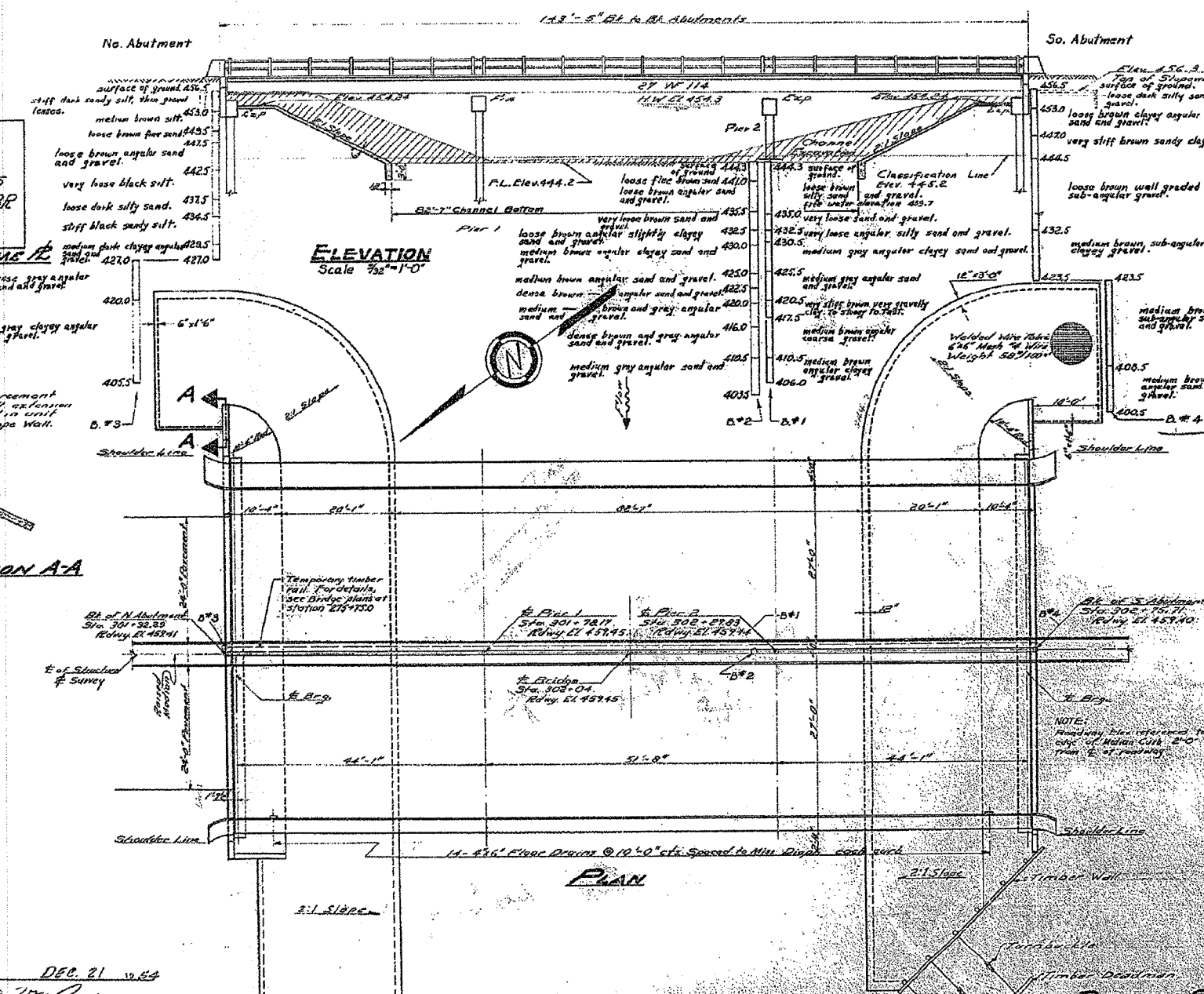
24' "30' Chiseled East End North Abutment
Railroad Bridge 125' R.R. Sta. 301+55 Elev. 458.59
CASTING STRUCTURE: R.C. Column, P. Spans @ 40/4;
Rely 8' Face to Face of curb, Concrete Abutments
in piles. The Bridge Contractor shall remove
existing structure upon completion of East End
of Bridge No. 3494

STATION 302+04
BUILT 195 BY
STATE OF ILLINOIS
S.B.I. RT. 24 SEC. 11-BR
PROJECT F-251 (5)
LOADING H-20-S16
LETTERING FOR NAME R.
See Standard 6113

GENERAL NOTES

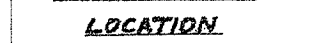
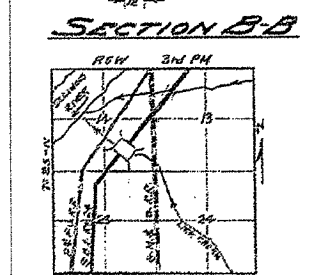
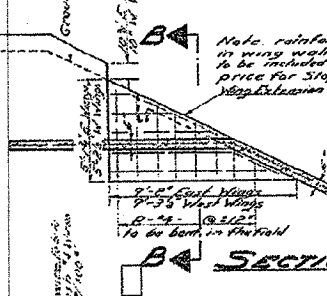
Class Z Concrete shall be used throughout except as noted.
Handrail Concrete shall be used in End Post.
The Concrete Floor Slab shall be poured in one continuous operation between 5' of Struck and Laid, Conch Joints. The Concrete Floor Slab shall be finished in accordance with Article 518(a) of the Standard Specification.
Slope Wall shall be reinforced with welded wire fabric 6"x6" mesh, #4 wires, weighing 50# per 100 sq. ft. Layout of Slope Wall may be varied to suit ground conditions in the field, as directed by the Engineer.
The Contractor shall drive Test Piles in permanent locations as directed by the Engineer before cutting remainder of piles.
Bridge Contractor shall excavate channel to lines shown within the limits of the R.O.W. East end each channel excavation, 200 cubic yds. to be used to backfill abutments and balance to be used in roadway embankment.

Piles 2"x8" Open Holes 9/8", unless noted.
All rollers, rockers, bearing plates, lead plates, pintles and anchor bolts shall be fabricated and set in accordance with Article 514 of the Standard Specification and are included for payment as Structural Steel Est. Wt. 14,660 lbs.
Anchor Bolts shall be set before erecting diaphragms over supports.
Spacers otherwise provided all Structural Steel shall receive one shop coat of red lead paint and two field coats of Aluminum paint. See Article 571 to include of the Standard Specifications.
All paint shall be furnished and applied by the Contractor. Barbed wire shall be used as a guide to the bidders in estimating soil conditions which may be encountered in the work.



TOTAL BILL OF MATERIAL

ITEM	QTY	SUPPLY	SUB.	TOTAL
Class Z Concrete	Cu Yds	247.3	1238	371
Handrail Concrete	Cu Yds	1.6		1.6
Reinforcement Bars	Lbs	45210	3460	48670
Structural Steel	Lbs	237330		237330
Name Plates	Each	one		one
Class A Excavation R. St. Cu Yds				180
Class B Excavation R. St. Cu Yds				100
Removal of Existing Structures Each				one
Channel Excavation	Cu Yds			600
Slope Wall	Sq Yds			890
Metal Handrail	Lbs	286		286
Precast Concrete Piles (24"x24")	Each		164	164
Test Piles	Each		4	4
Temporary Timber Rail	Lbs	144		144
1/2" Stud	Lbs			250
Treated Timber	MBF			1540
Obscured Piles	Unit			180



DESIGNED TO: G. R. 12/14/55 Added Timber Wall
 EXAMINED: [Signature]
 PASSED: [Signature]
 DRAWN: T.D.G. [Signature]
 CHECKED: J.L.L. [Signature]
 DEC. 21 1954

WATERWAY INFORMATION

Drainage Area: 18,900 Ac.
 Channel: 18' wide, 11' deep, cut in bed
 Required Opening: 1000' (35' x 1100')
 Present Opening: 716' (35' x 1100')
 Required Quantity: 1000'

DESIGN STRESSES

12'-1100 Super
 10'-800 50#
 15'-20,000 200#
 15'-20,000 200#
 15'-20,000 200#
 15'-20,000 200#
 Loading H-20-S16-44

GENERAL PLAN & ELEVATION

LICK CREEK BRIDGE
 S.B.I. RT. 24 SECTION 11-BR
 TAZEWELL COUNTY
 STATION 302+04

Revised - 11/24/54 - Added dash between E & B of A in Appendix.