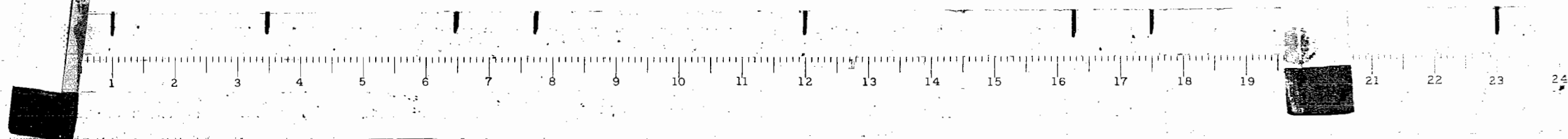


RT. SB1-7

SEC. E-1



INDEX OF SHEETS

Sheet No.	Title	Page
2	Special Bridge Design Sta. 62+00	Sheet 1 of 4
3	"	"
4	"	"
5	"	"
6	Standard 1173	"

SUMMARY OF QUANTITIES

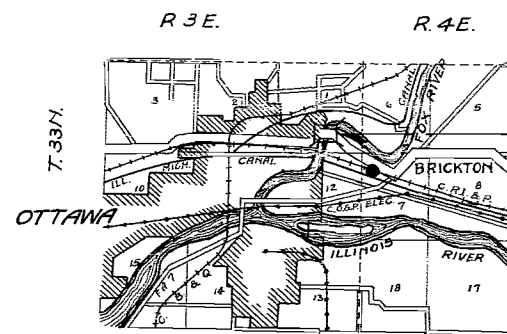
746.8	Cu. Yds. Class A Concrete
727.2	Cu. Yds. Class B Concrete
69.6	Cu. Yds. Class X Concrete
187460	Lbs. Reinforcing Steel
8040	Lbs. Rockers and Plates
1700	Lbs. Structural Steel (Expansion)
1	Each Name Plate

ROUTE 7, SECTION E-1, LA SALLE COUNTY

1 R.C. Deck Girder Bridge 6 Spans @ 60' 0" at Sta. 62+00 a point near the NW Corner of the SW 1/4 of the SE 1/4 of Sec. 1, T. 33 N., R. 3 E., of the 3rd. P.M.

SUMMARY OF CONCRETE

	Class A	Class B	Class X
1 Special Bridge Design Sta. 62+00	746.8 Cu. Yds.	727.2 Cu. Yds.	69.6 Cu. Yds.



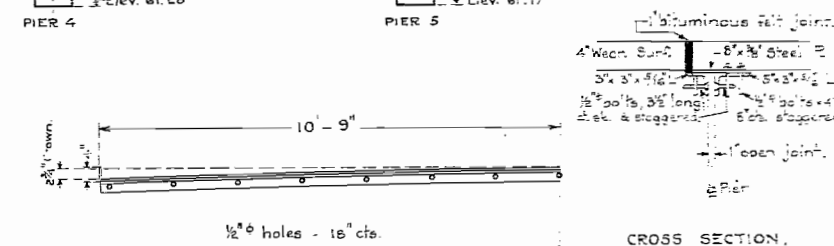
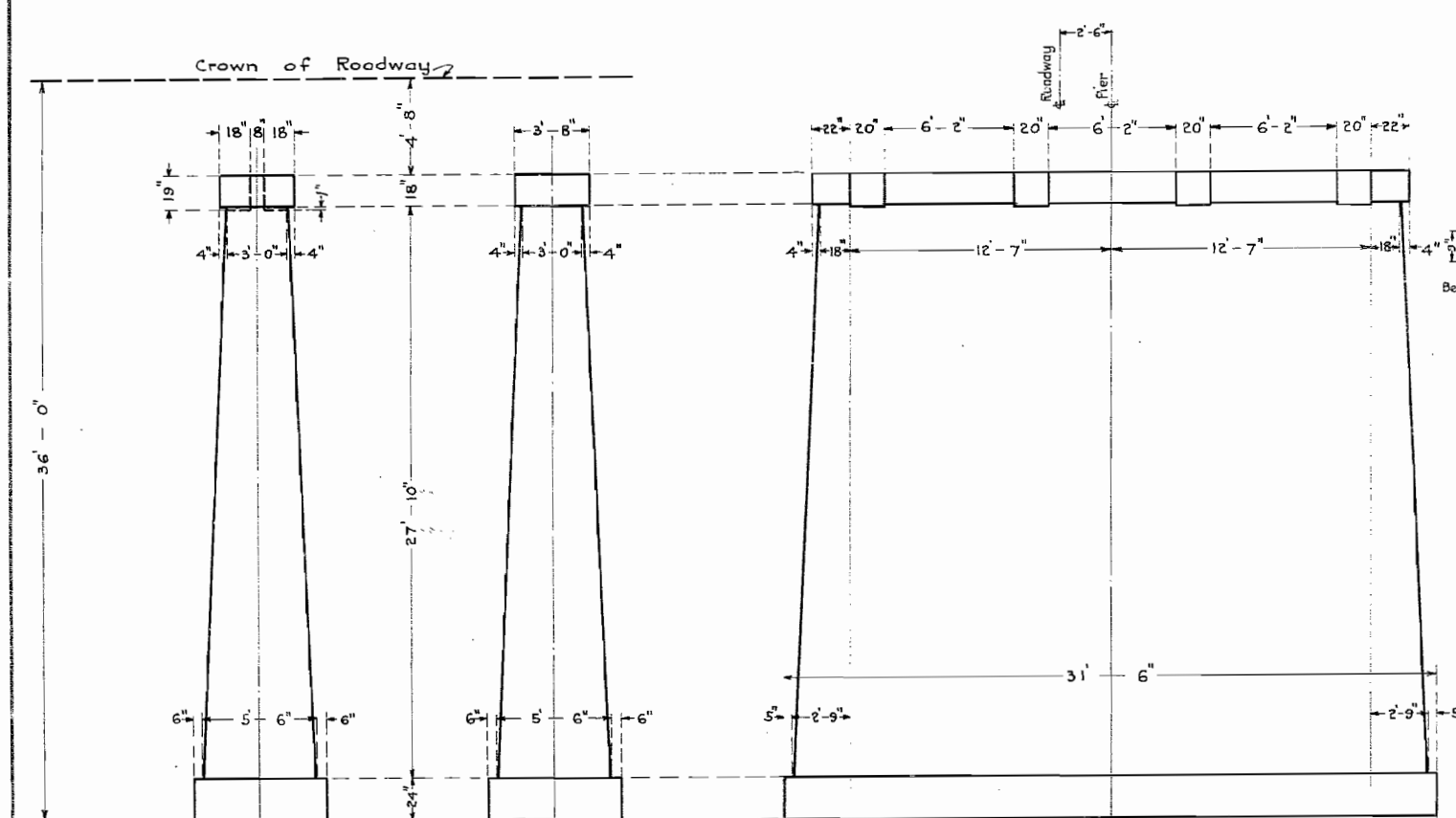
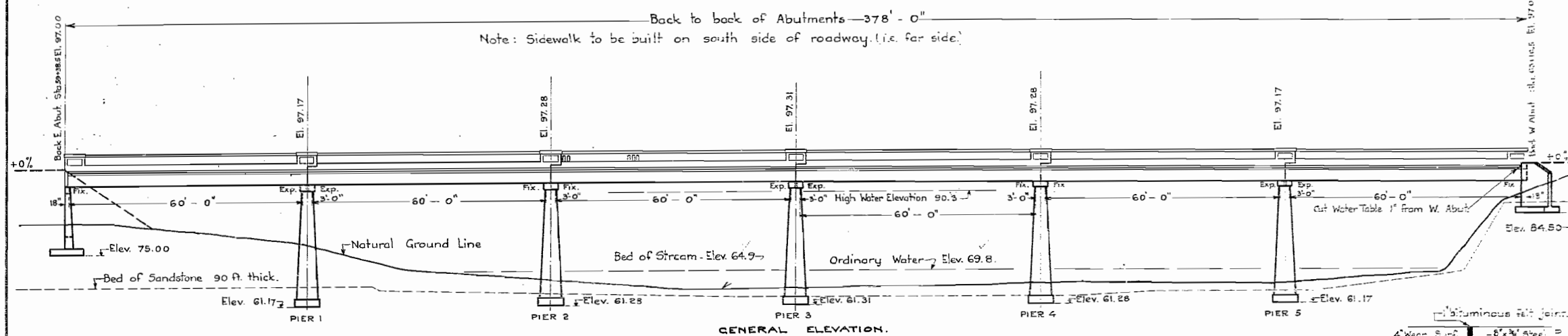
Sec. E-1 Includes 1 R.C. Deck Girder Bridge
6 Spans @ 60' 0" of Sta. 62+00

LAYOUT
Approximate Scale 1 in. = 1 mi.

STATE OF ILLINOIS DEPARTMENT OF PUBLIC WORKS AND BUILDINGS DIVISION OF HIGHWAYS	
SUBMITTED	6-29-26 M. J. Fleming EST. 1000
EXAMINED	6-29-26 W. J. L. L. L.
APPROVED	6-29-26 H. J. L. L. L.
APPROVED	6-29-26 H. J. L. L. L.
APPROVED	6-29-26 H. J. L. L. L.

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

BOND ISSUE ROUTE NO.	COUNTY	SEC.	TOTAL SHEETS	SHEET NO.	SHEET NO.
7	LASALLE	E-1	6	2	1 SHEETS



DETAIL OF EXPANSION DEVICE TO BE USED OVER PIERS 1, 3 & 5

BILL OF MATERIALS - TOTAL.

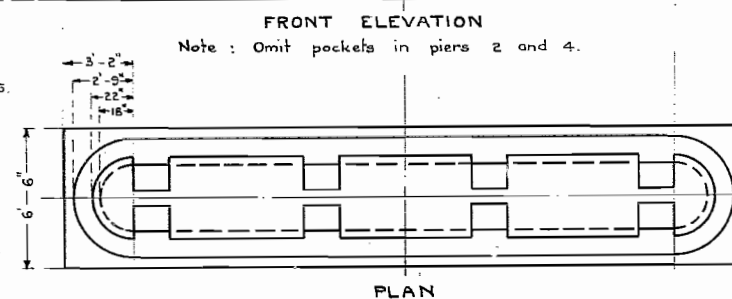
Item	Superstr.	Abutments	Piers	Totals
Class A Concrete cu. yds.	682.2	64.6		746.8
Class B Concrete cu. yds.			727.2	727.2
Class X Concrete cu. yds.	69.6			69.6
Reinforcing Steel lbs.	182,460	5,000		187,460
Structural Steel (Expansion) lbs.	1,700			1,700
C.I. Rockers & Steel Plates. lbs.	8,040			8,040
Name Plate	One.			One.

STANDARD	COMPUTED	_____
	CHECKED	_____
	DRAWN	_____
	CHECKED	_____
SPECIAL	ASSEMBLED	H.C. Adams
	CHECKED	P.S. Johnson

EXAMINED May 4, 1926
H. F. Birch
BRIDGE ENGINEER

PASSED [Signature]
ENGINEER OF DESIGN

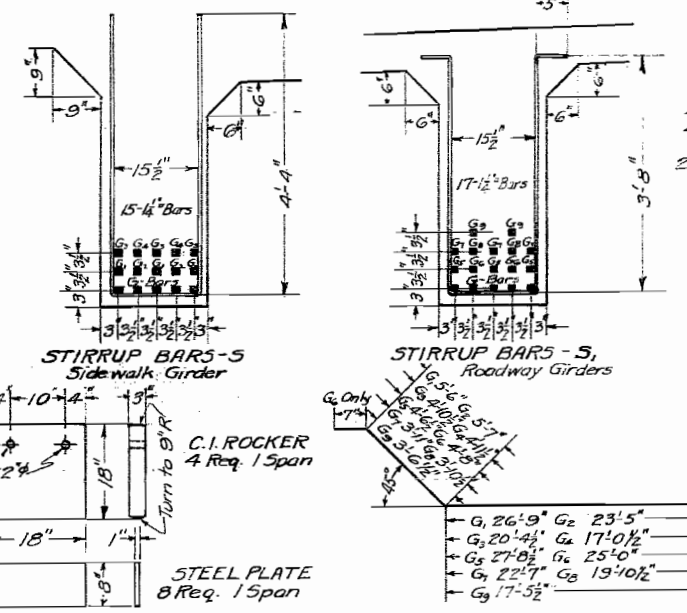
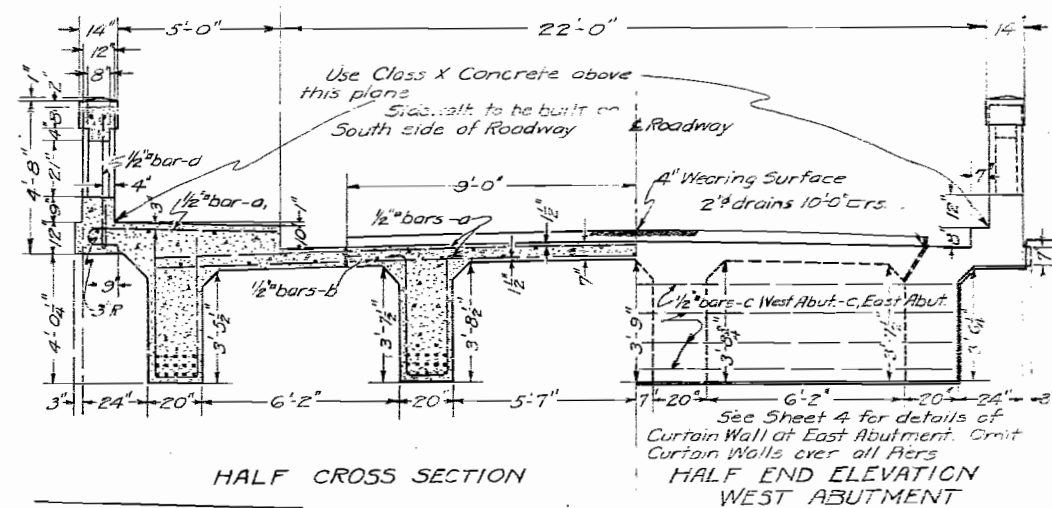
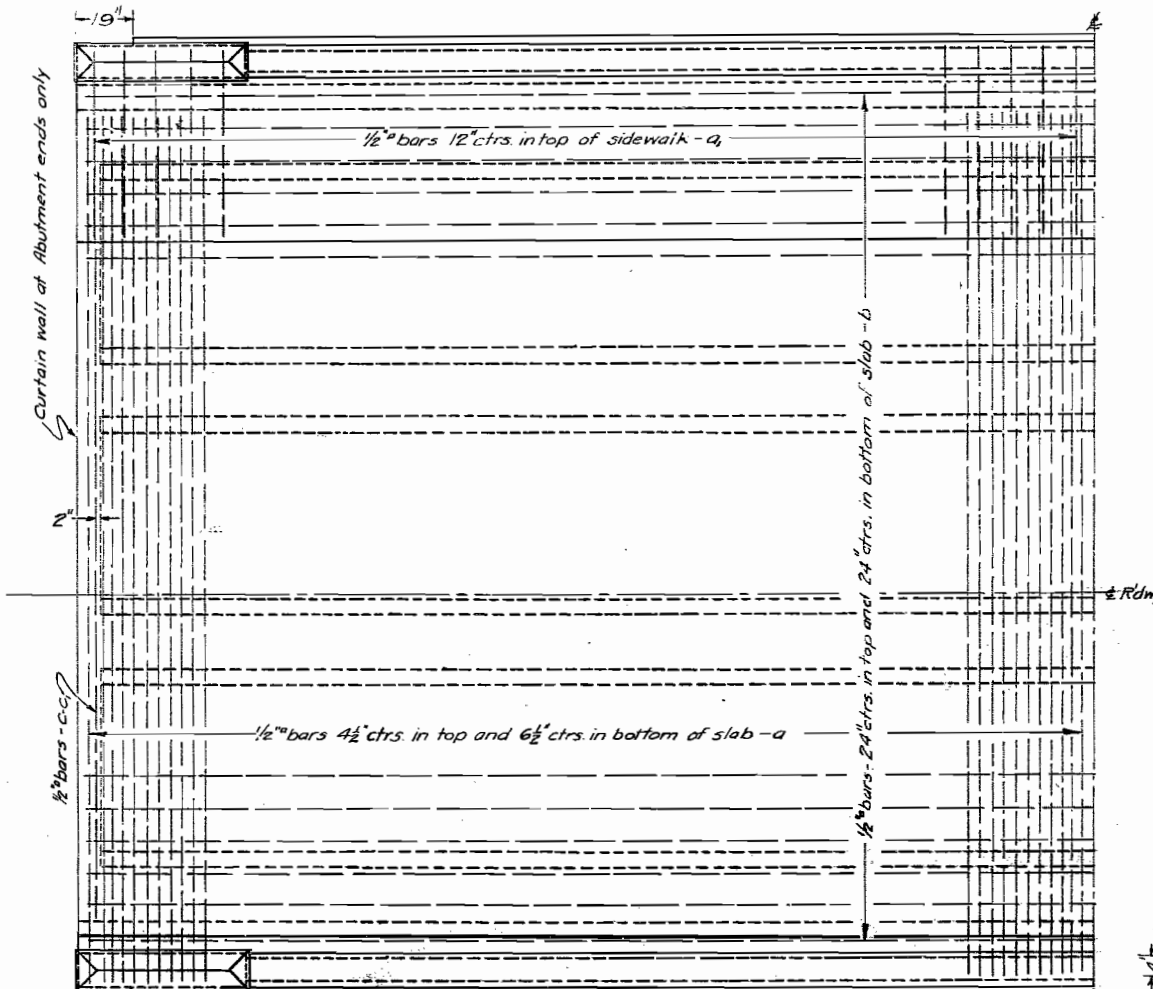
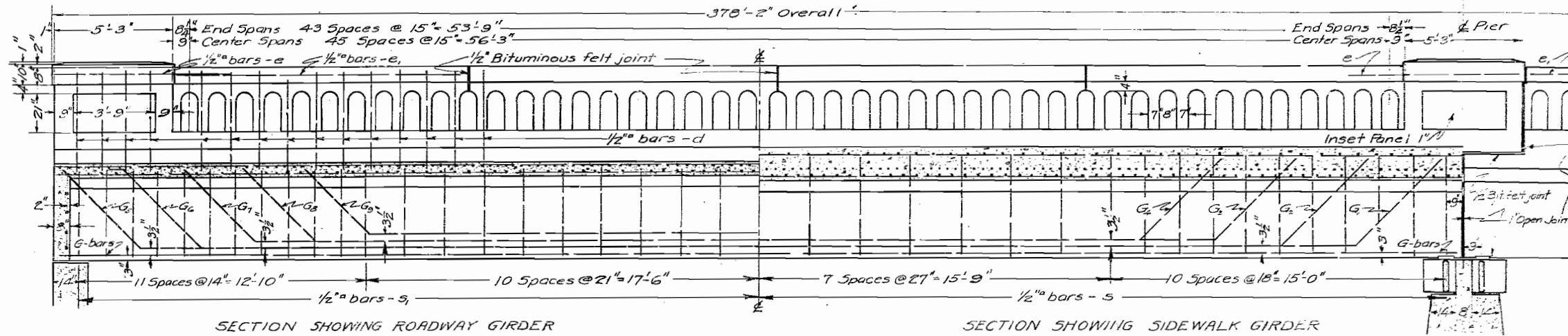
APPROVED Frank T. Reed
CHIEF HIGHWAY ENGINEER



Sta. 62+00
S.B.I. Route 7, Sec. E-1,
La Salle County.

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

ROAD ISSUE
COUNTY
SEC. SHEETS
SHEET NO. 2
4 SHEETS



BILL OF MATERIAL ONE SPAN

Bars	No.	Size	Length
a	284	1/2"	26'-6"
a	63	1/2"	74'-0"
b	84	1/2"	22'-6"
c	1	1/2"	22'-6"
c	1	1/2"	29'-0"
d	98	1/2"	6'-0"
e	1	1/2"	7'-6"
e	16	1/2"	13'-0"
f	20	1/2"	62'-6"
g	3	1/2"	64'-6"
g	2	1/2"	58'-0"
g	3	1/2"	50'-6"
g	2	1/2"	44'-0"
g	9	1/2"	64'-6"
g	6	1/2"	60'-6"
g	9	1/2"	53'-0"
g	6	1/2"	47'-6"
g	6	1/2"	42'-0"
s	35	1/2"	10'-0"
s	129	1/2"	9'-6"

Reinforcing Steel - Lbs. 36410
Class A Conc. - Cu. Yds. 113.7
Class X Conc. - Cu. Yds. 11.6
C.I. Rockers - Lbs. 1010
Steel Plates - Lbs. 330

COMPUTED - R.S. Johnson
CHECKED - T.W. Schroeder
DRAWN - R.S. Johnson
CHECKED - R.S. Johnson
SPECIAL ASSEMBLED -
CHECKED -

EXAMINED May 4, 1926
H.F. [Signature]
BRIDGE ENGINEER
PASSED [Signature]
ENGINEER OF DESIGN
APPROVED [Signature]
CHIEF HIGHWAY ENGINEER

HALF PLAN

Class A Concrete to be used except as noted. Proportions 1:2 1/4
Class X Concrete to be used in rail above levels noted on plans. Proportions 1:2:3 1/2

Surface of plates adjacent to rockers to be planed. Rockers and plates to be given two coats of Sublimed Blue Lead Paint.

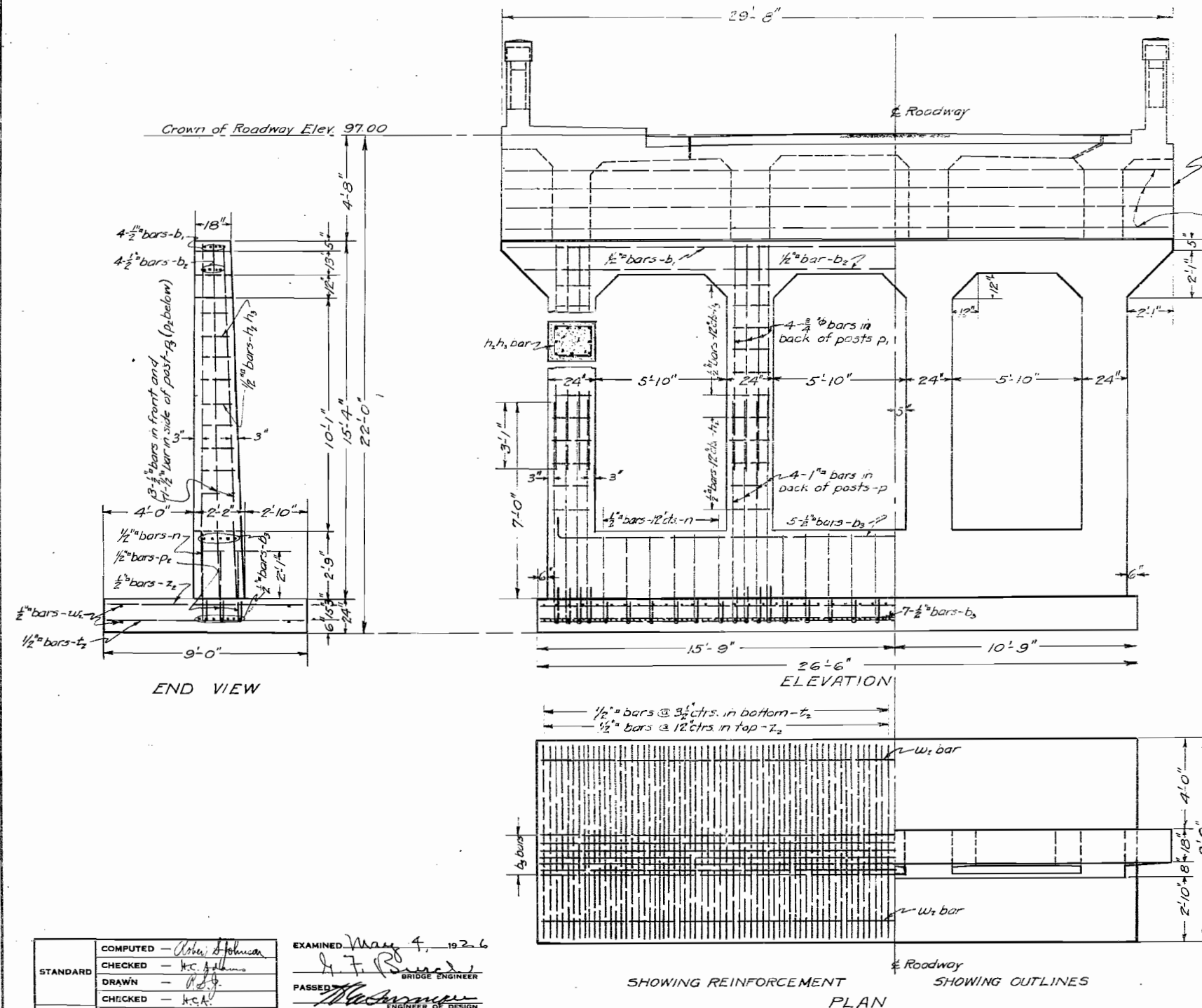
DETAILS OF GIRDER BARS G₁ to G₉ Inclusive.

STATION 62+00
STATE BOND ISSUE RTE. 7
SECTION E-1 LASALLE CO.

B.M. Spike in root of 16" stump
Rt. Sta. 63+20 Elev. 83.80

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

BOND ISSUE ROUTE NO.	COUNTY	SEC.	TOTAL SHEETS	SHEET NO.	SHEET NO.
7	LA SALLE	E-1	6	5	4 SHEETS



End view of Superstructure of East Abutment showing c, bars and curtain wall extending out to end of water table

BILL OF MATERIAL
EAST ABUTMENT

Bars	No.	Size	Length
b ₁	8	1/2"	15'-6"
b ₂	8	1/2"	15'-0"
b ₃	12	1/2"	26'-0"
D	16	1/2"	11'-0"
D	16	3/4"	11'-3"
D	20	1/2"	4'-3"
D	20	1/2"	15'-0"
h ₃	20	1/2"	8'-6"
h ₃	24	1/2"	7'-6"
n	18	1/2"	5'-0"
t ₂	91	1/2"	8'-9"
z ₂	27	1/2"	8'-9"
w ₂	4	1/2"	26'-0"

Reinforcing Steel-Lbs. 3010
Class A Concrete-Cu.Yds. 31.7

Class A Concrete to be used throughout. Proportions 1:2 1/2:4
All reinforcing steel to be wired securely in place before concrete is poured.

COMPUTED	— <i>Robert Johnson</i>
CHECKED	— <i>K.C. Johnson</i>
DRAWN	— <i>R.S.B.</i>
CHECKED	— <i>K.C.A.</i>
ASSEMBLED	—
CHECKED	—

EXAMINED *May 4, 1926*
H.F. Brundage
BRIDGE ENGINEER
PASSED *MacArthur*
ENGINEER OF DESIGN
APPROVED *Frank T. Sleet*
CHIEF HIGHWAY ENGINEER

SHOWING REINFORCEMENT
PLAN
SHOWING OUTLINES

STATION 62+00
STATE BOND ISSUE ROUTE 7
SECTION E-1 LASALLE CO.