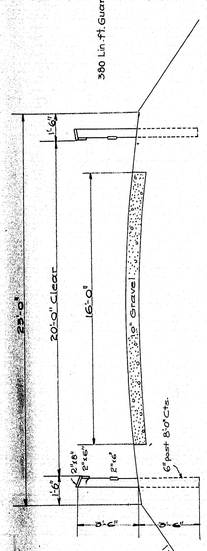
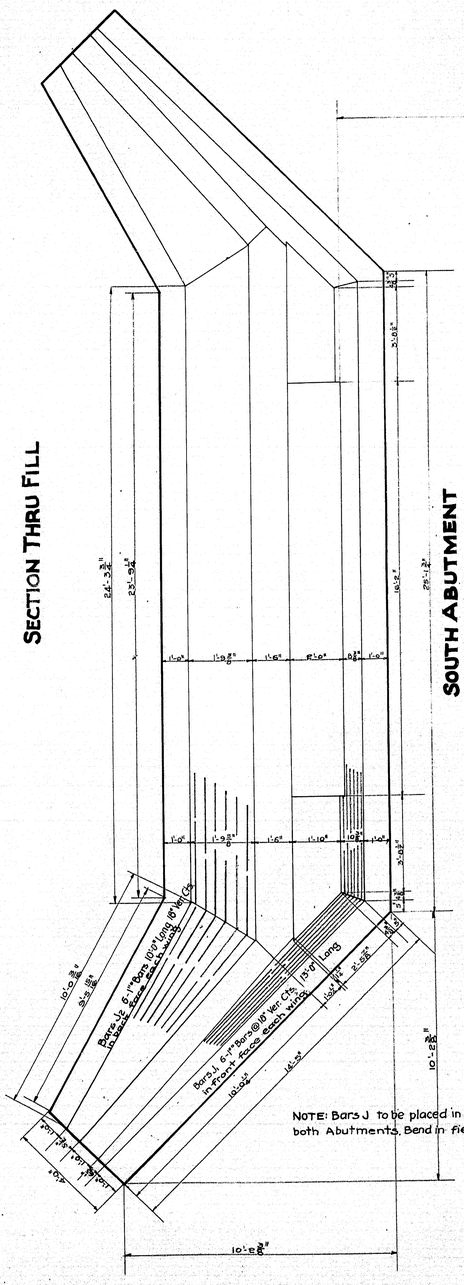
SECTION THRU FILL



SOUTH ABUTMENT



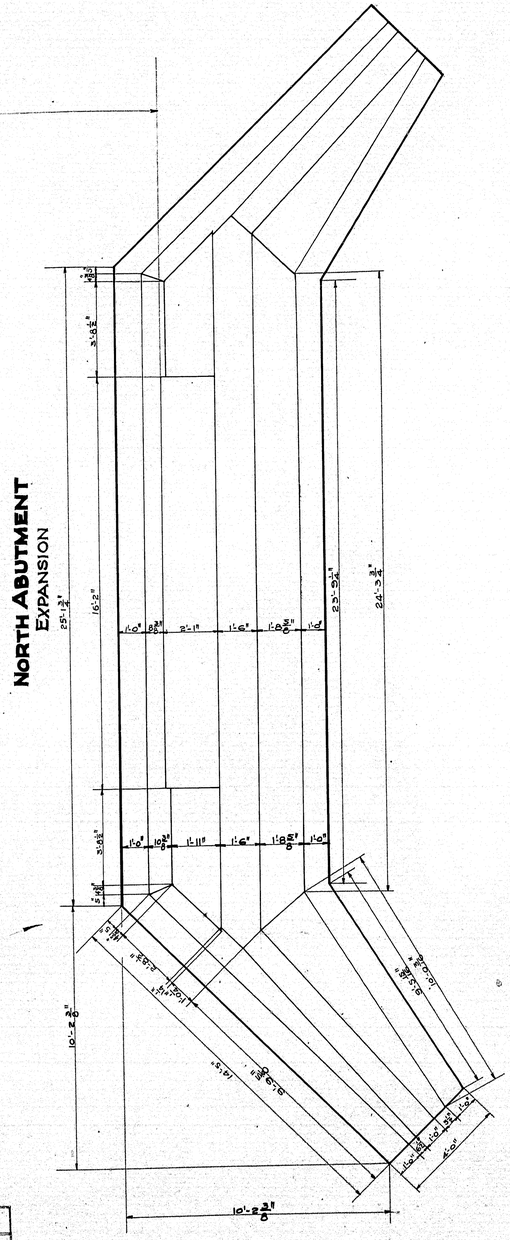
NOTE: Bars J to be placed in corners both Abutments, Bend in field

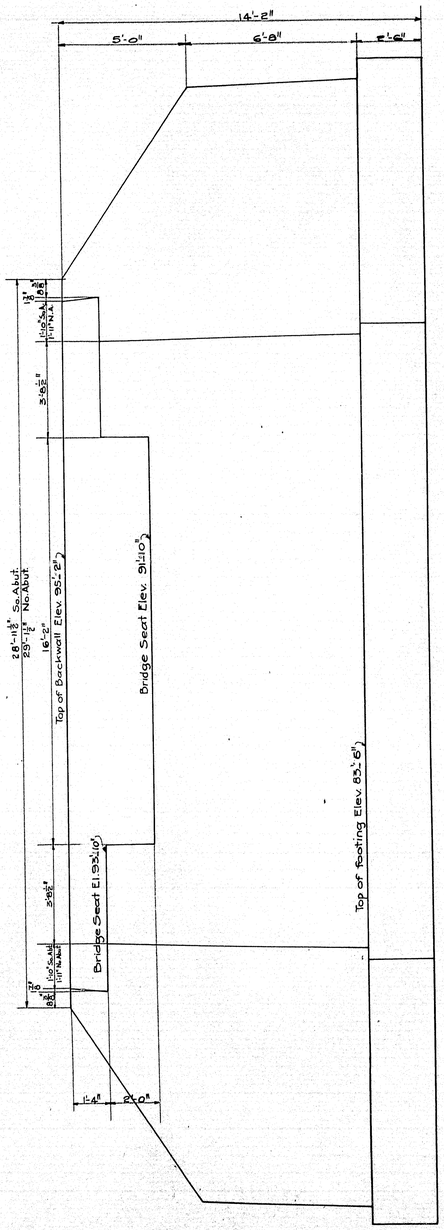
Flow

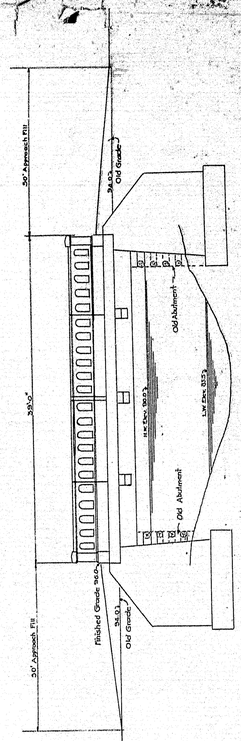
STEEL SCHEDULE

Mark	Size	No. Rqd.	Length A	Location
J_1	1" ⊕	24	15'-0"	Wings
J_2	1" ⊕	24	10'-0"	"

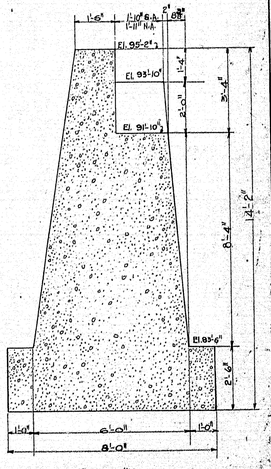
NORTH ABUTMENT
EXPANSION







GENERAL ELEVATION



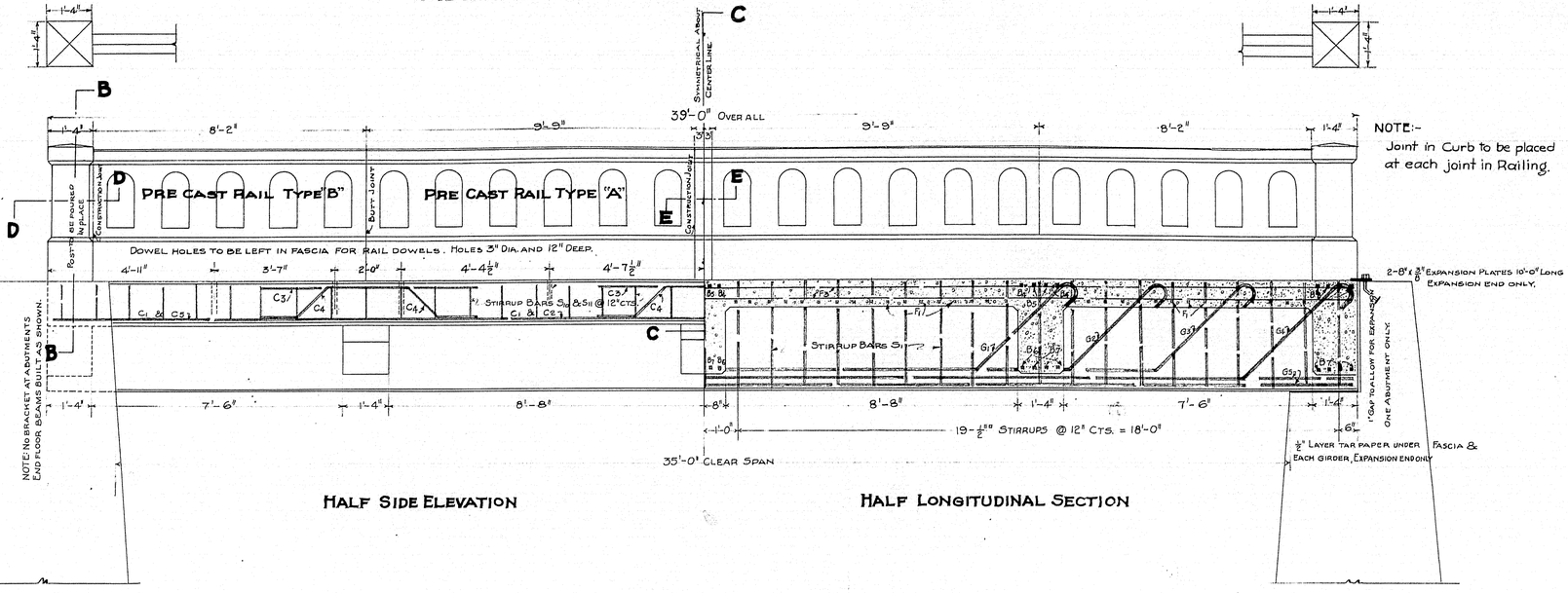
MAIN ABUTMENT SECTION

Adopted by resolution of Joint Board. June 24, 1919.
Frank A. Peabody . . . Chairman Joint Board
Approved June 24, 1919.
Frank D. Sargent . . . Chief Engineer State Highway Comm.
Submitted for approval. June 23, 1919.
R. B. Jones . . . Bridge Engineer

MAINE HIGHWAY COMMISSION
PLAN OF
KINGMAN ROAD BRIDGE
OVER THE
MACWAHOC STREAM
IN THE TOWN OF
MACWAHOC, AROOSTOOK CO., ME.
Drawn June 20, 1919 — General Bridge Plan
1-149

0 1 2 3 4 5 INCHES

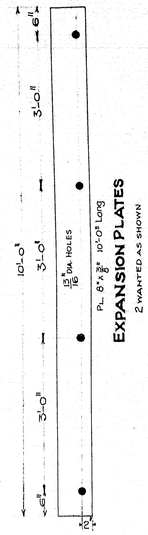
NOTE: FOR RAIL DETAILS SEE ATTACHED PLANS.



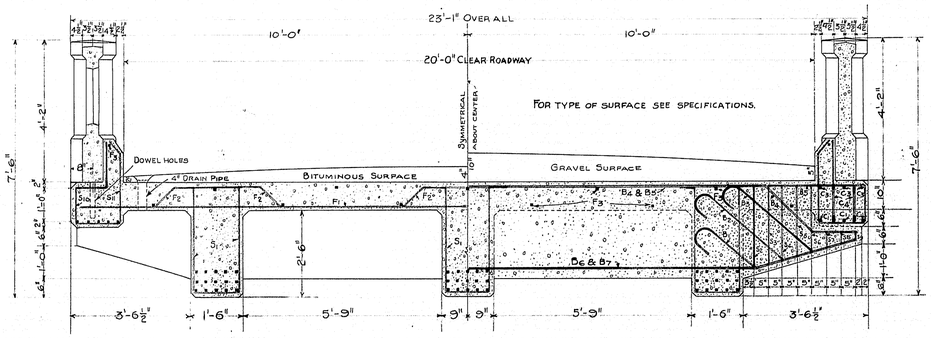
HALF SIDE ELEVATION

HALF LONGITUDINAL SECTION

NOTE:-
Joint in Curb to be placed at each joint in Railing.

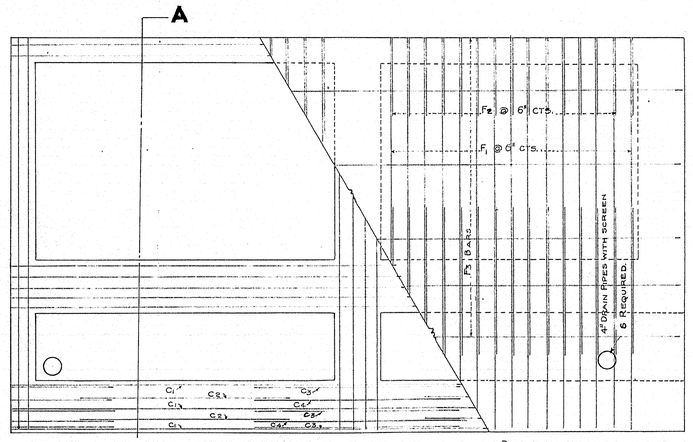


EXPANSION PLATES
2 WANTED AS SHOWN



HALF SECTION A-A

HALF SECTION THRU CROSS-BEAMS

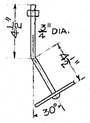


SLAB REMOVED SHOWING GIRDER AND CROSS-BEAM STEEL

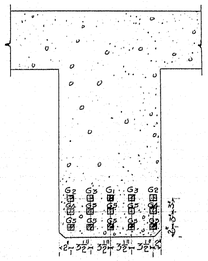
PART PLAN SHOWING SLAB STEEL.

A

ONE QUARTER FLOOR PLAN

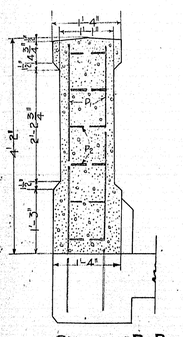


ANCHOR BOLTS
8 WANTED AS SHOWN
WITH NUT AND STD. PL WASHER

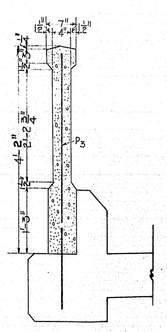


ENLARGED DETAIL
MAIN GIRDER

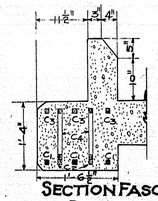
A				
MARK	SIZE	NO. REQUIRED	A	LOCATION
F1	⅜ø	64	22'-10"	SLAB
F3	2ø	13	38'-0"	"
G5	1¼ø	24	38'-8"	GIRDERS
D7	1¼ø	14	15'-8"	CROSS-BEAMS
C5	2½ø	8	7'-3½"	FASCIA
C3	2½ø	18	6'-4½"	"
C2	2½ø	8	5'-7½"	"
C1	2½ø	6	38'-9"	"
P1	1¼ø	16	5'-2"	END POSTS
P3	1¼ø	2	5'-0"	INT POSTS
P5	1¼ø	6	22'-8"	CROSS-BEAMS
D8	1¼ø	8	22'-9"	END FLOOR BEAMS



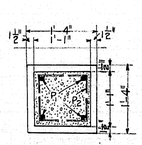
SECTION B-B



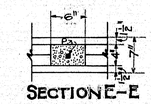
SECTION C-C



SECTION FASCIA AT BRACKET



SECTION D-D



SECTION E-E

—NOTE:— ALL BENDS TO BE OF 3" RADIUS

MARK	SIZE	NO. REQUIRED	A	B	C	D	TOTAL LENGTH	LOCATION
G1	1¼ø	3	16'-10"	2'-7½"	3'-5⅝"	2'-3"	26'-3½"	MAIN GIRDERS
G2	1¼ø	6	22'-0⅜"	2'-7½"	3'-5⅝"	2'-3"	31'-5⅜"	"
G3	1¼ø	6	27'-3⅜"	2'-7½"	3'-5⅝"	2'-3"	36'-8⅜"	"
G4	1¼ø	6	32'-5⅜"	2'-10½"	3'-9⅜"	2'-6"	42'-7⅛"	"

MARK	SIZE	NO. REQUIRED	A	B	C	D	TOTAL LENGTH	LOCATION
F2	⅜ø	192	2'-6"	0'-10⅜"	0'-6"	0'-7⅛"	5'-3"	FLOOR SLAB
C4	2½ø	12	2'-4"	1'-5½"	1'-0"	1'-0"	7'-2½"	FASCIA
B4	1¼ø	6	17'-5⅜"	1'-10⅜"	1'-5"	1'-4"	23'-5½"	BRACKETS

MARK	SIZE	NO. REQUIRED	A	B	C	TOTAL LENGTH	LOCATION
D6	1¼ø	6	16'-7"	2'-11"	3'-2½"	22'-8"	BRACKETS AND CROSS-BEAMS

MARK	SIZE	NO. REQUIRED	A	B	C	TOTAL LENGTH	LOCATION
S1	½ø	117	3'-1½"	1'-4"	0'-6"	8'-7½"	MAIN GIRDERS

MARK	SIZE	NO. REQUIRED	A	B	TOTAL LENGTH	LOCATION
S2	½ø	6	2'-6⅜"	1'-2"	8'-6⅜"	BRACKETS
S3	"	"	2'-4½"	"	8'-3⅜"	"
S4	"	"	2'-3⅜"	"	8'-0⅜"	"
S5	"	"	2'-1⅜"	"	7'-8⅜"	"
S6	"	"	2'-0⅜"	"	7'-6⅜"	"
S7	"	"	0'-6⅜"	"	4'-7⅜"	"
S8	"	"	0'-5⅜"	"	4'-2⅜"	"
S9	"	"	0'-3⅜"	"	4'-0⅜"	"

NOTE: ALL BENDS TO BE OF 3" RADIUS

MARK	SIZE	NO. REQUIRED	A	B	C	D	TOTAL LENGTH	LOCATION
B1	1¼ø	6	3'-0½"	1'-10½"	1'-2⅛"	1'-3½"	6'-2¼"	BRACKETS
B2	"	12	0'-10½"	3'-1½"	1'-10"	2'-6½"	5'-3⅝"	"
B3	"	12	1'-3⅝"	2'-9⅜"	1'-7⅛"	2'-1½"	5'-4¼"	"

MARK	SIZE	NO. REQUIRED	A	B	C	D	E	F	TOTAL LENGTH	LOCATION
S10	½ø	78	1'-11"	1'-4"	1'-2"	0'-6"	0'-3"	0'-7½"	5'-4"	CURB

MARK	SIZE	NO. REQUIRED	A	B	TOTAL LENGTH	LOCATION
S11	½ø	78	1'-3"	0'-11"	2'-2"	CURB

A					
MARK	SIZE	NO. REQUIRED	A	TOTAL LENGTH	LOCATION
P2	½ø	24	0'-10"	0'-10"	END POSTS

STATE OF MAINE
HIGHWAY COMMISION
REINFORCED CONCRETE SUPERSTRUCTURE
35'-0" SPAN

DRAWN 4-30-19
SHEET OF
C.S.35-20
1"=50

0 1 2 3 4 5 INCHES