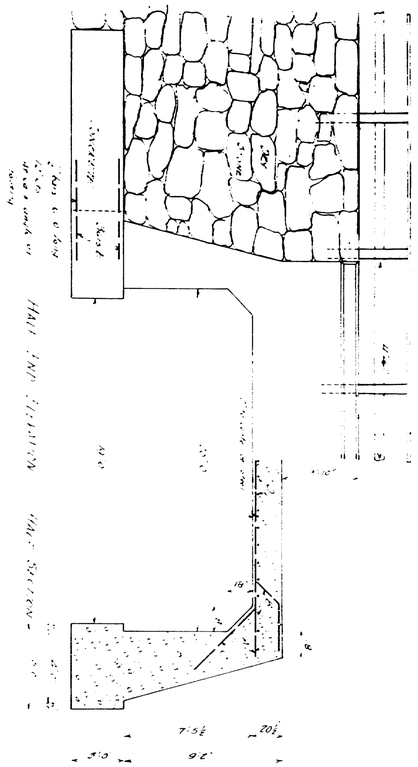
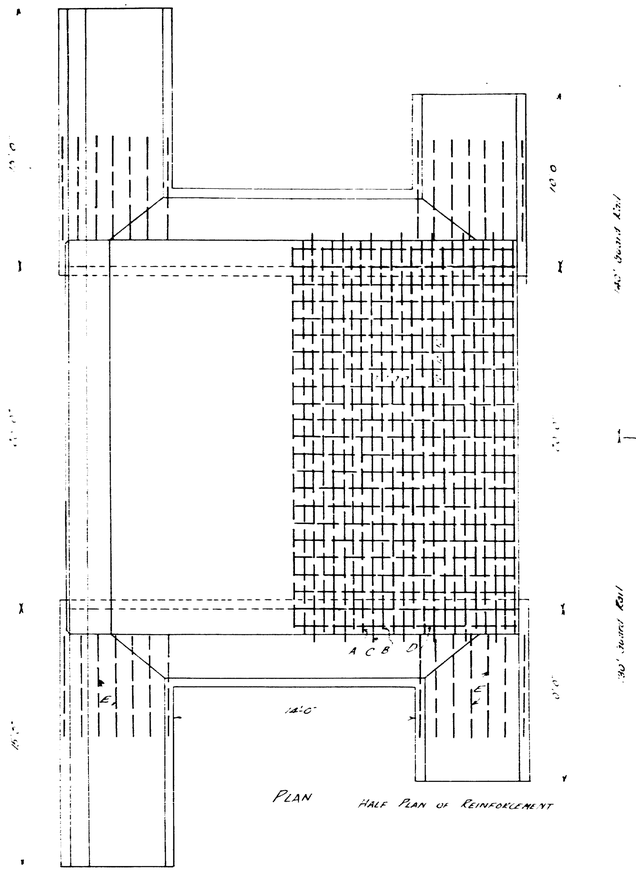


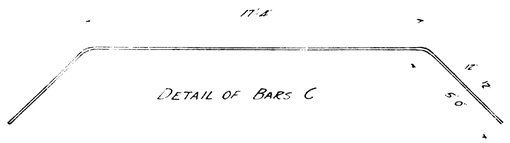



PLAN

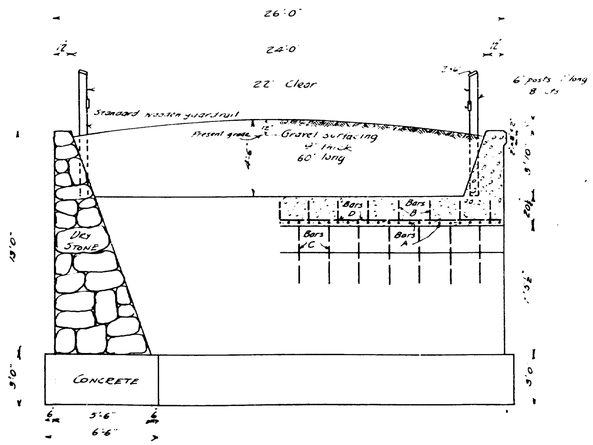
HALF PLAN OF REINFORCEMENT

| List of Steel | | | | |
|---|---|---|---|---|
| Bars | No. | Size | Length | Weight |
| A | 6 | 1" □ | 23'-6" | 1212# |
| B | 6 | 1" □ | 23'-5" | 1215# |
| C | 4 | 1" □ | 23'-4" | 1300 |
| D | 25 | ½" □ | 23'-6" | 499 |
| Total weight of steel | | | | 4552# |
| Concrete reinforcement square ft. | | | | |
| E | 36 | ½" □ | 6'-0" | 36 |

DETAIL OF BARS B




DETAIL OF BARS C




HALF ELEVATION

HALF SECTION

Slab Class "A" Concrete 1-2-4
Abutments and footings
Class "B" Concrete 1-2½-5
End walls Dry stone masonry

NOTE: SEE "PLAN FOR EXTENSION UPSTREAM SIDE, JULY, 1941"

Adopted by resolution of Joint Board July 11, 1917
H. H. Cram
Chairman of Joint Board

Approved July 11, 1917
Frank D. Sargent
Chief Engineer, State Highway Comm

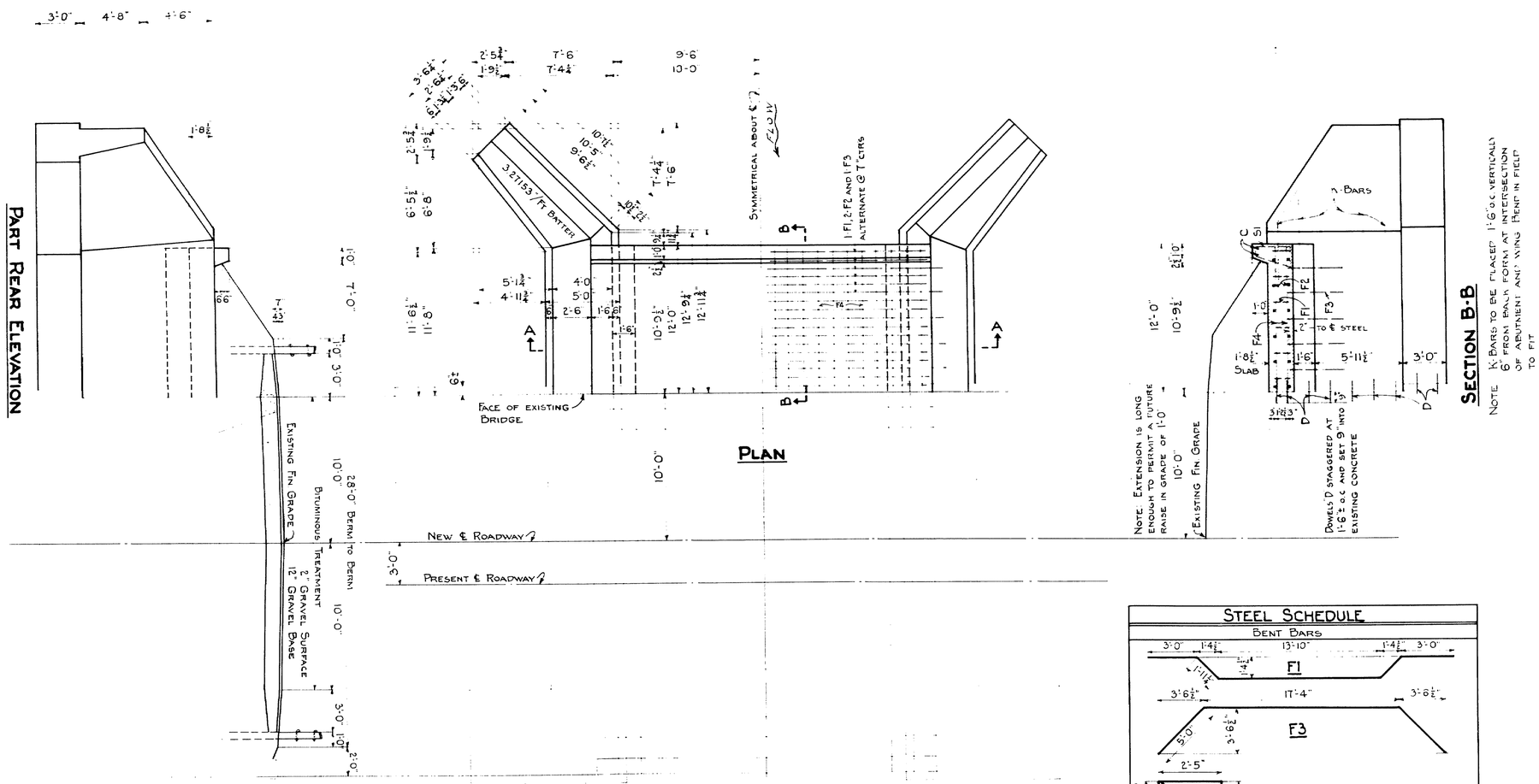
Submitted for approval June 26, 1917.
L. D. Jones
Bridge Engineer.

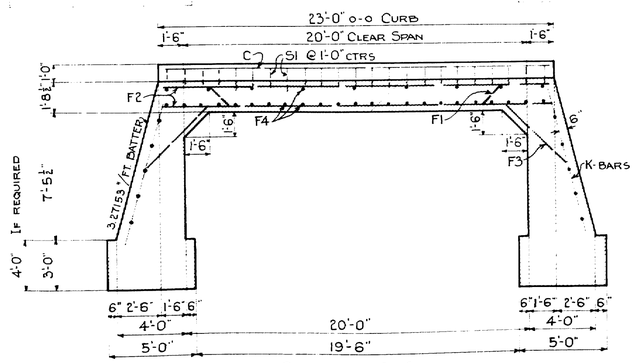
STATE HIGHWAY COMMISSION
BRIDGE OVER
PUMP BOX BROOK
IN THE TOWN OF
SHAPLEIGH, YORK Co, MAINE

JUNE 23, 1917 GENERAL BRIDGE LAW

3-30 2387-1

0 1 2 3 4 5 INCHES



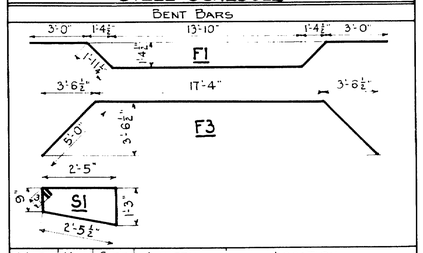




SECTION A-A

NOTE: IF FIELD CONDITIONS REQUIRE IT, THE FOOTINGS MAY BE INCREASED TO 4'-0".

## STEEL SCHEDULE

BENT BARS




| MARK | No. | SIZE | LENGTH | LOCATION |
|---|---|---|---|---|
| F1 | 7 | 1"□ | 23'-8½" | SLAB |
| F3 | 7 | 1"□ | 27'-4" | " |
| S1 | 23 | ⅜"φ | 7'-4½" | CURB |

STRAIGHT BARS

| MARK | No. | SIZE | LENGTH | LOCATION |
|---|---|---|---|---|
| F2 | 14 | 1"□ | 22'-8" | SLAB |
| F4 | 32 | ½"□ | 11'-8" | " |
| C | 2 | ½"φ | 22'-6" | CURB |
| D | 60 | 1"φ | 1'-6" | NEW CONCRETE TO OLD |
| K | 12 | ¾"φ | 8'-0" | ABUT. + WINGS |

DIMENSIONS TO ℄ OF STEEL

PLAN: Hamilton
CHECK: Rev. 7-24-41

| | |
|---|---|
| TOWN | 16-24 |
| BRIDGE | 3637 |

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

# SHAPLEIGH BRIDGE
OVER
# PUMP BOX BROOK
IN THE TOWN OF
# SHAPLEIGH-YORK CO.

BRIDGE EXTENSION DETAILS
SHEET 1 OF 1 AUGUSTA, MAINE JULY, 1941.

40-181

0 1 2 3 4 5 INCHES