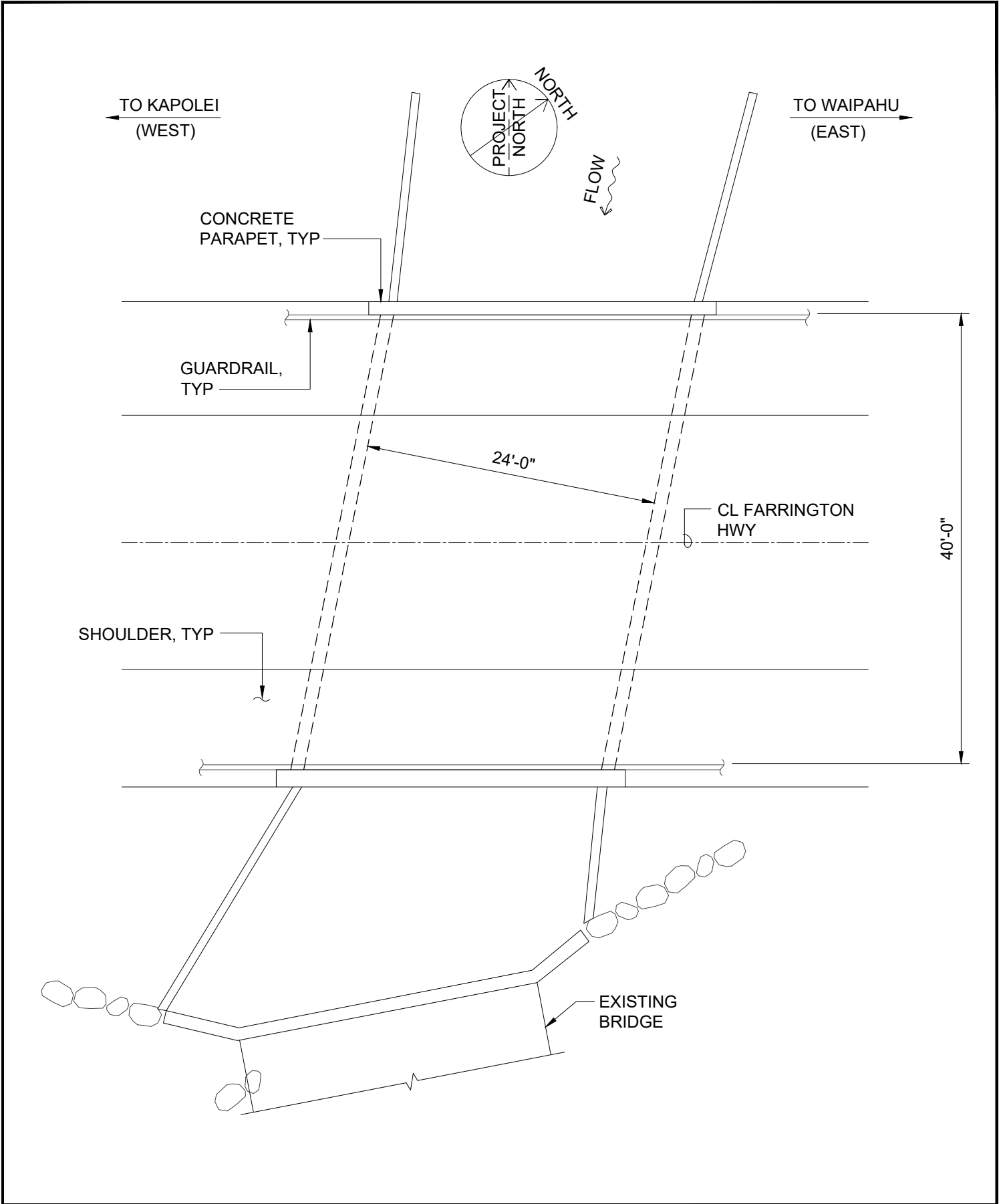


APPENDIX B:

FIGURES



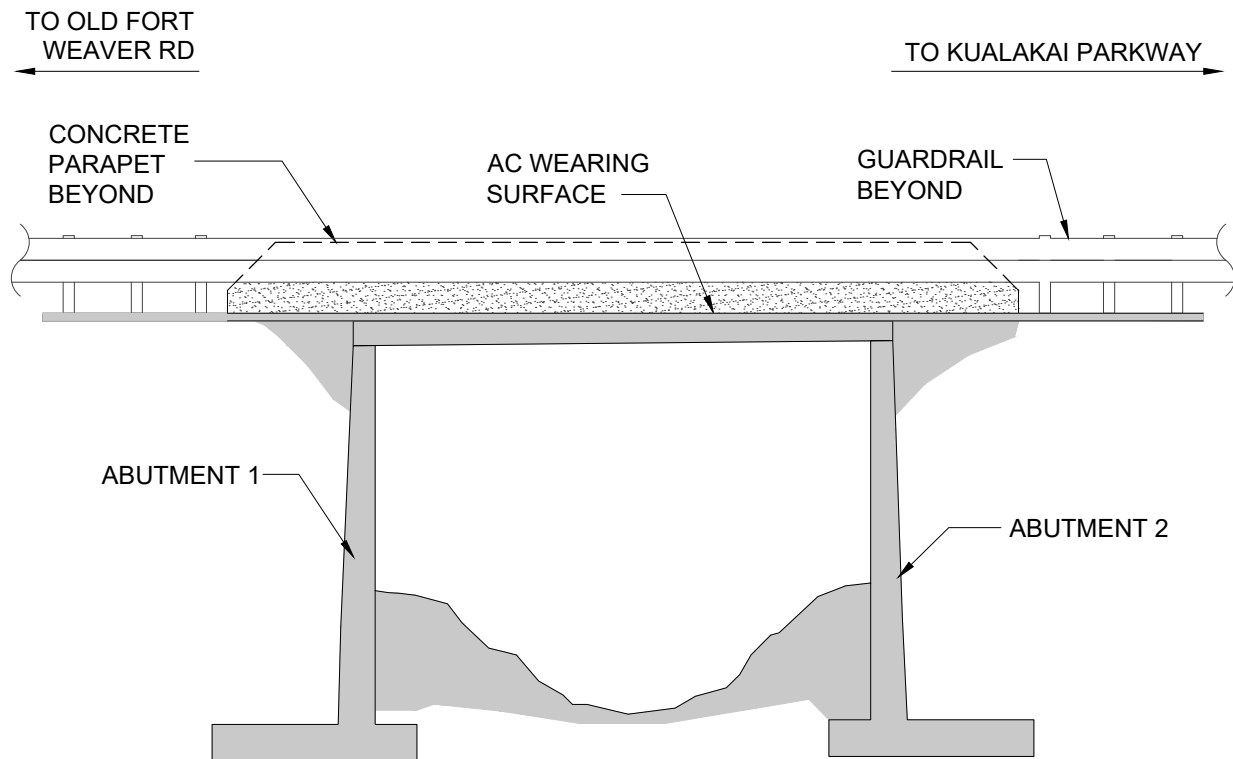
BRIDGE PLAN

NOT TO SCALE

Bridge Name: FARRINGTON HIGHWAY BRIDGE NO. 1 OVER KALO'I GULCH

City Bridge No. 923

Structure No. 003923001100001



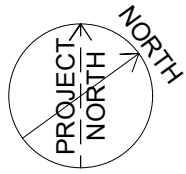
TRANSVERSE SECTION

NOT TO SCALE

Bridge Name: FARRINGTON HIGHWAY BRIDGE NO. 1 OVER KALOI GULCH

City Bridge No. 923

Structure No. 003923001100001



FLOW
↓

SOUNDINGS DATUM
REFERENCE POINT
ELEVATION = 0.00

-13.87 -15.73 -17.93 -15.55 -12.33

NOTE:
ELEVATION 0.00 IS TAKEN AT TOP
OF RAILING DIRECTLY ABOVE LEFT
ABUTMENT (LOOKING
DOWNSTREAM) IN-LINE WITH FACE
OF BREASTWALL.

TO KAPOLEI
(WEST)

CL FARRINGTON
HWY

ABUTMENT 2 BELOW

ABUTMENT 1 BELOW

TO WAIPAHU
(EAST)

-15.63 -16.84 -17.05 -14.43 -11.98

EXISTING
BRIDGE

KEY
0.00
↑
ELEVATION
IN FEET

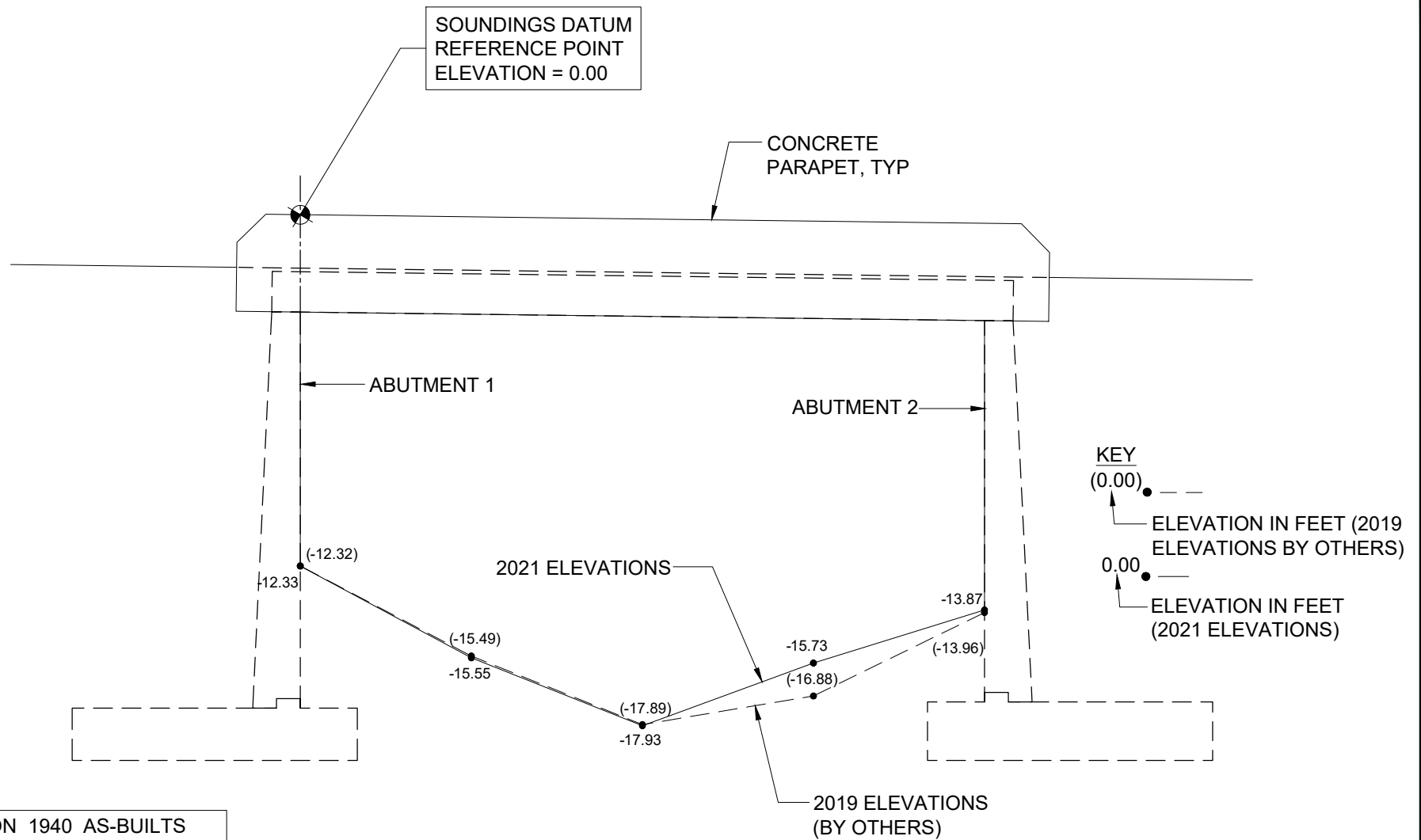
BRIDGE PLAN - SOUNDINGS

NOT TO SCALE

Bridge Name: FARRINGTON HIGHWAY BRIDGE NO. 1 OVER KALOI GULCH

City Bridge No. 923

Structure No. 003923001100001



BASED ON 1940 AS-BUILTS
BOTTOM OF SPREAD
FOOTING ELEVATION:

ABUTMENT 1 = -19.15
ABUTMENT 2 = -19.15

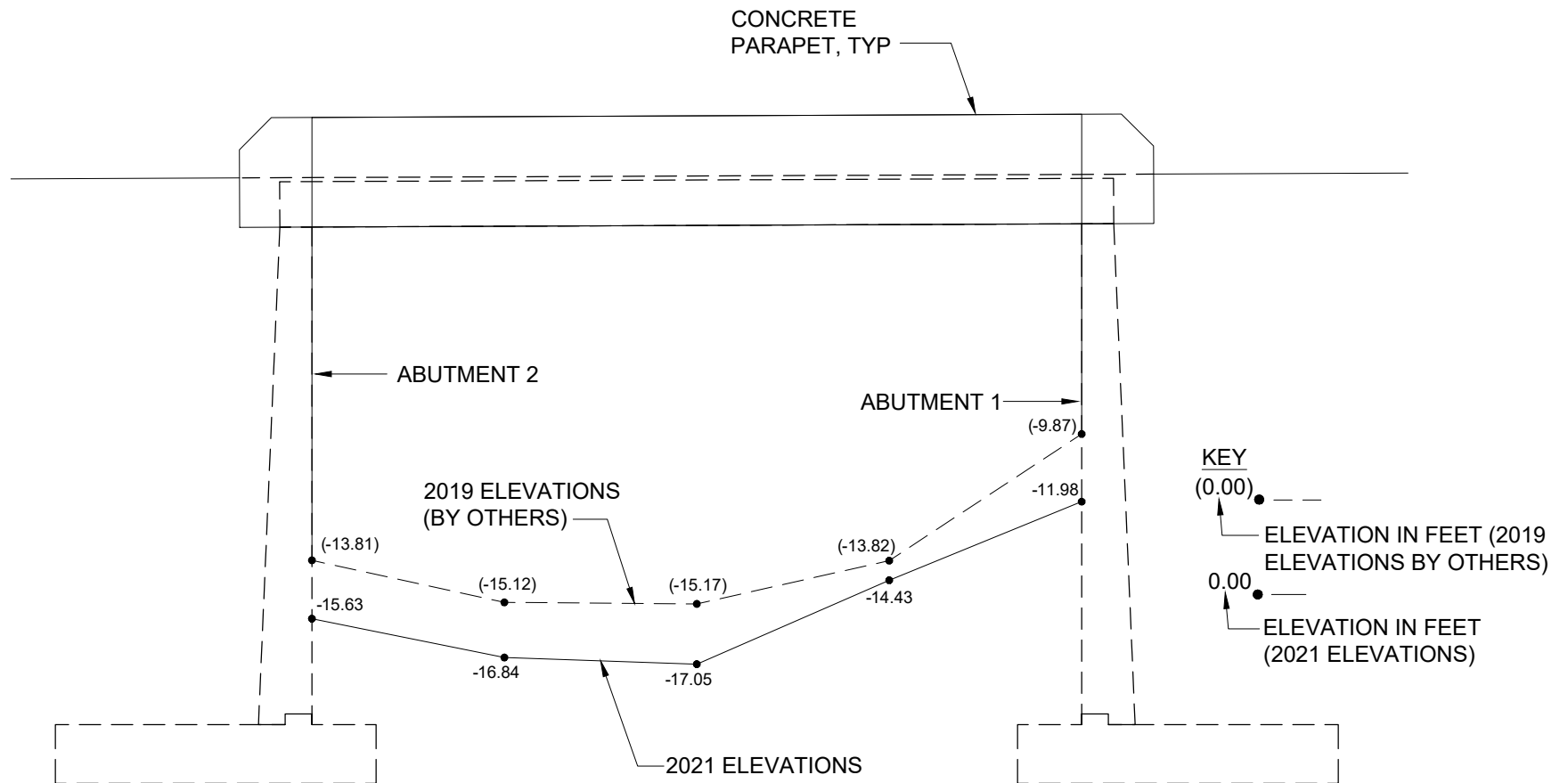
UPSTREAM ELEVATION - SOUNDINGS

NOT TO SCALE

Bridge Name: FARRINGTON HIGHWAY BRIDGE NO. 1 OVER KALO'I GULCH

City Bridge No. 923

Structure No. 003923001100001



BASED ON 1940 AS-BUILTS
BOTTOM OF SPREAD
FOOTING ELEVATION:

ABUTMENT 1 = -20.77
ABUTMENT 2 = -20.77

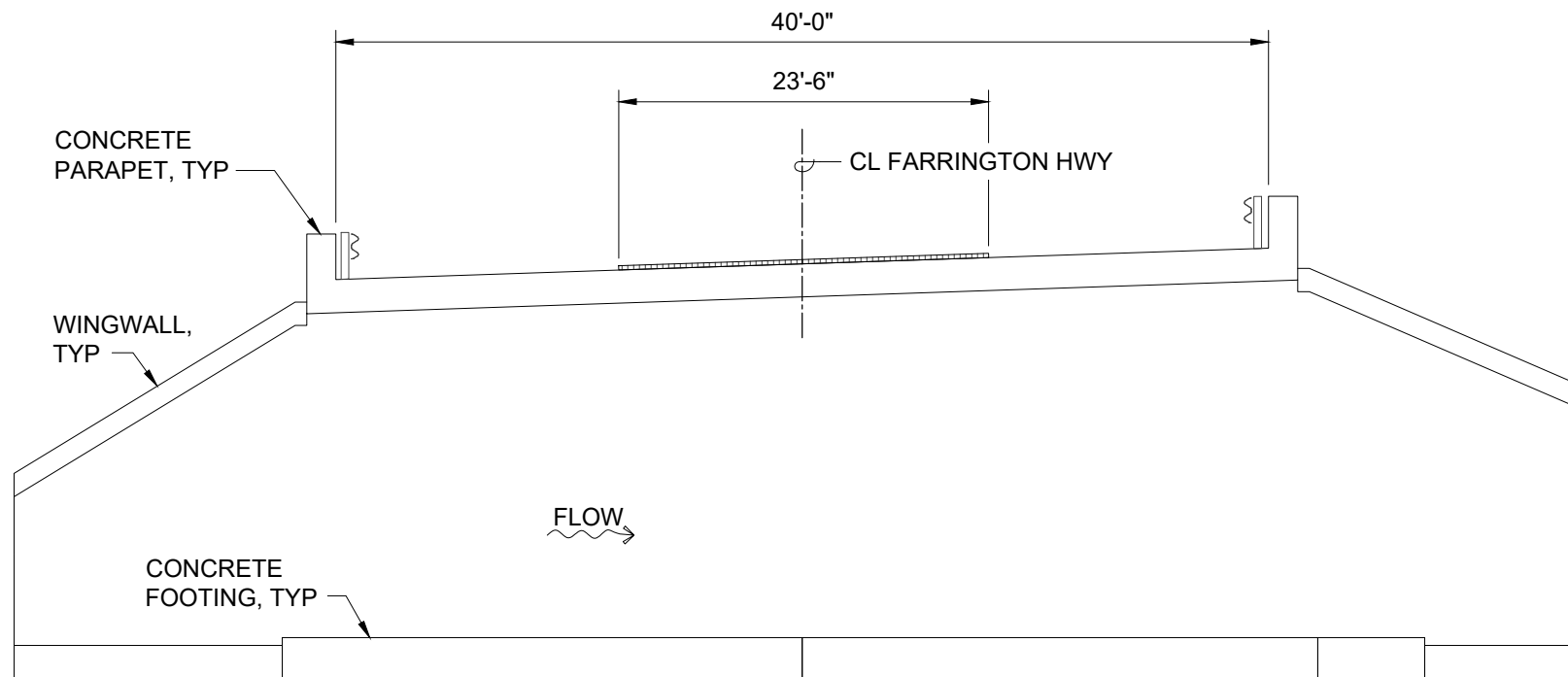
DOWNSTREAM ELEVATION - SOUNDINGS

NOT TO SCALE

Bridge Name: FARRINGTON HIGHWAY BRIDGE NO. 1 OVER KALO'I GULCH

City Bridge No. 923

Structure No. 003923001100001



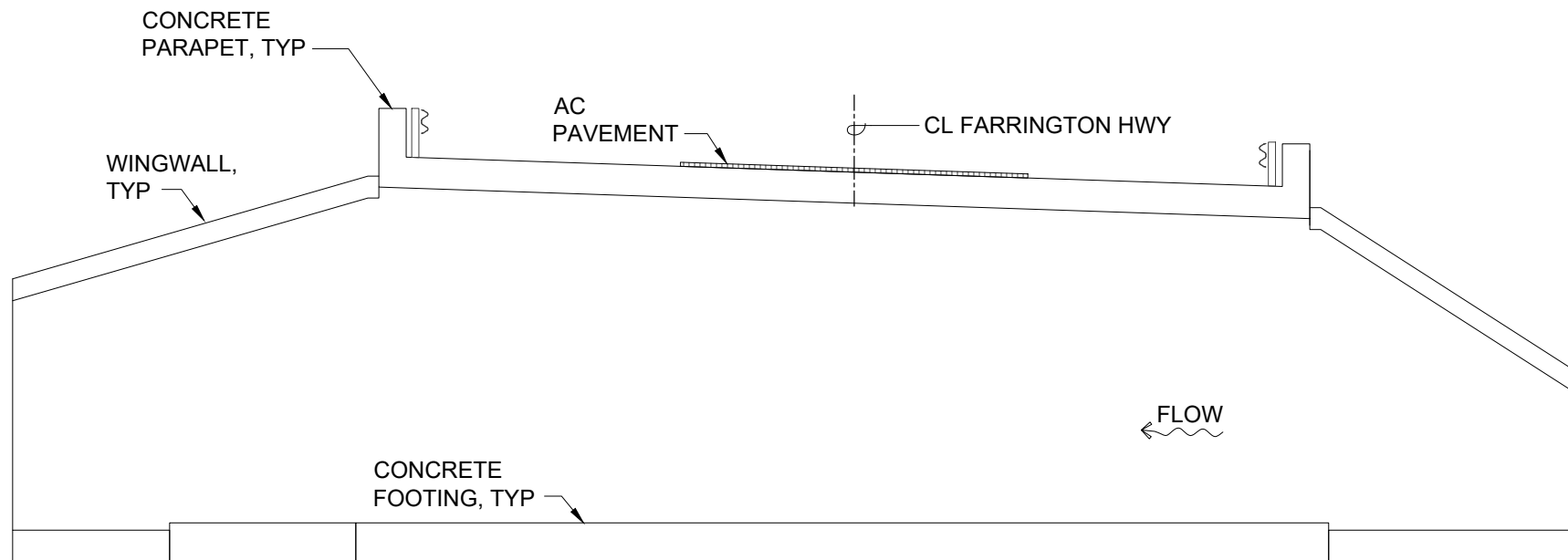
ABUTMENT 1 ELEVATION

NOT TO SCALE

Bridge Name: FARRINGTON HIGHWAY BRIDGE NO. 1 OVER KALOI GULCH

City Bridge No. 923

Structure No. 003923001100001



ABUTMENT 2 ELEVATION

NOT TO SCALE

Bridge Name: FARRINGTON HIGHWAY BRIDGE NO. 1 OVER KALOI GULCH

City Bridge No. 923

Structure No. 003923001100001