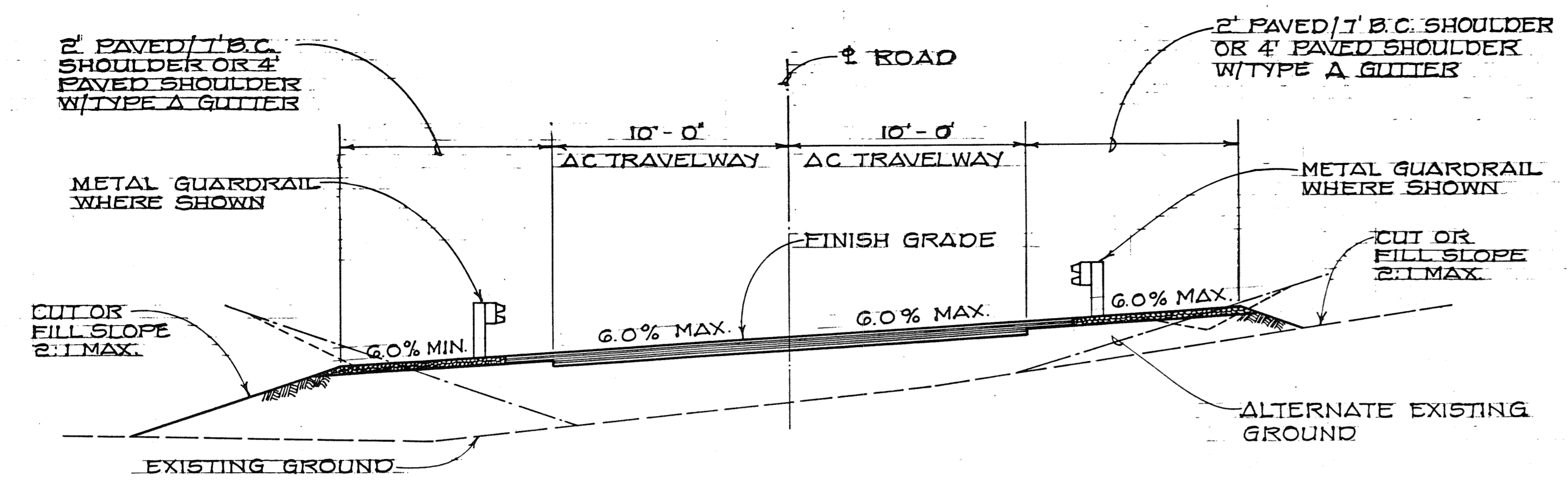
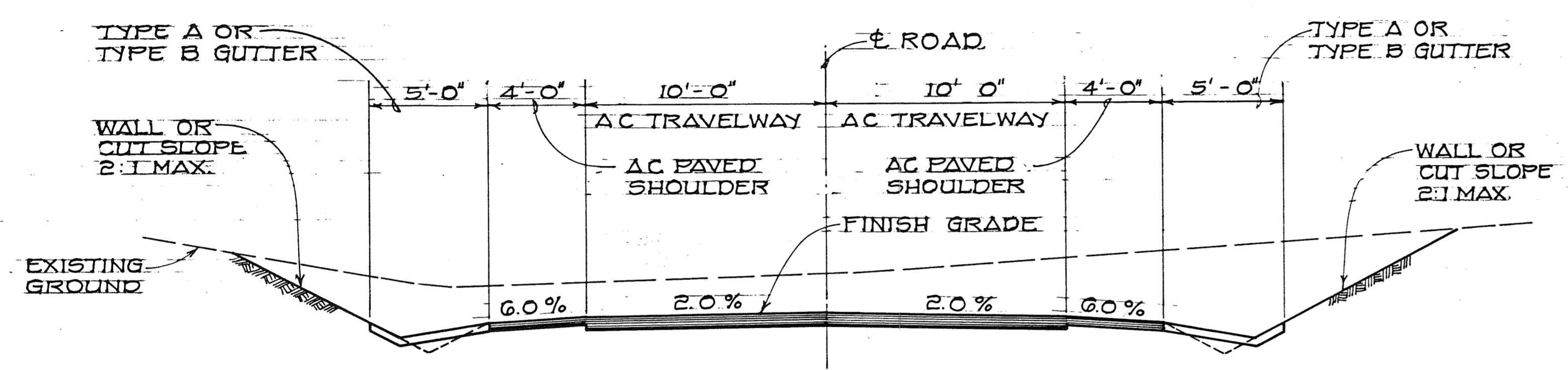


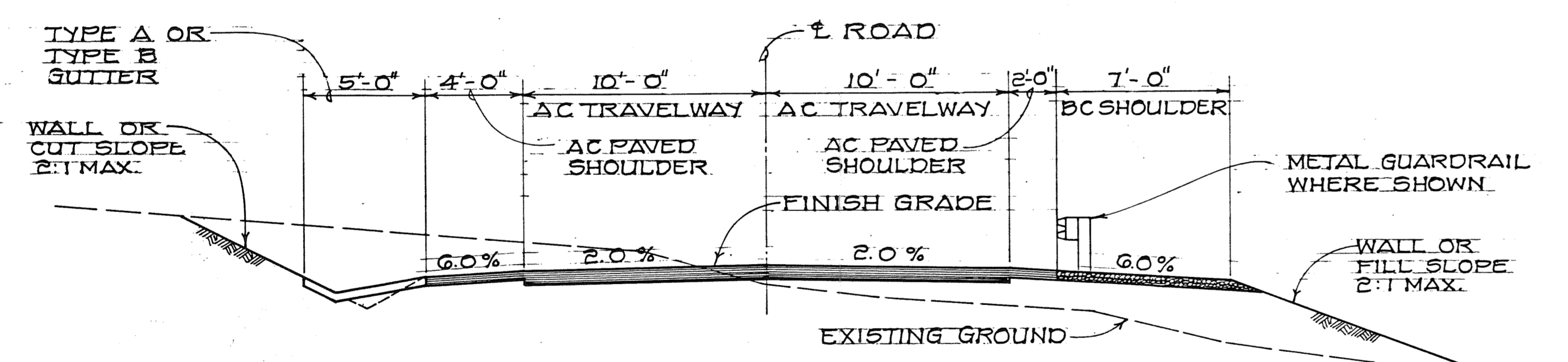
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.			8	53



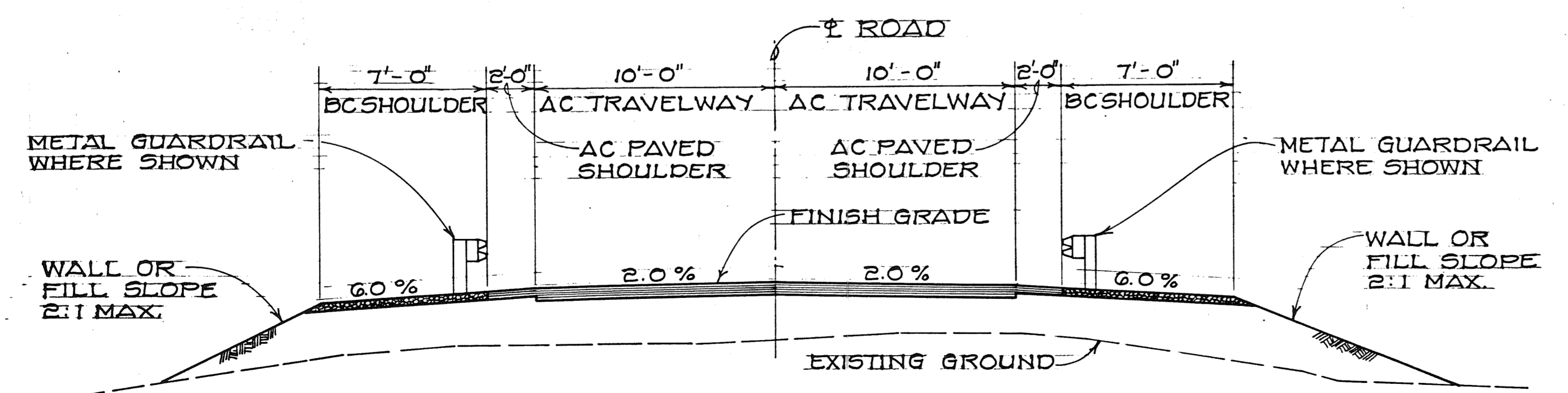
SECTION A
SCALE: 1/4" = 1'-0"



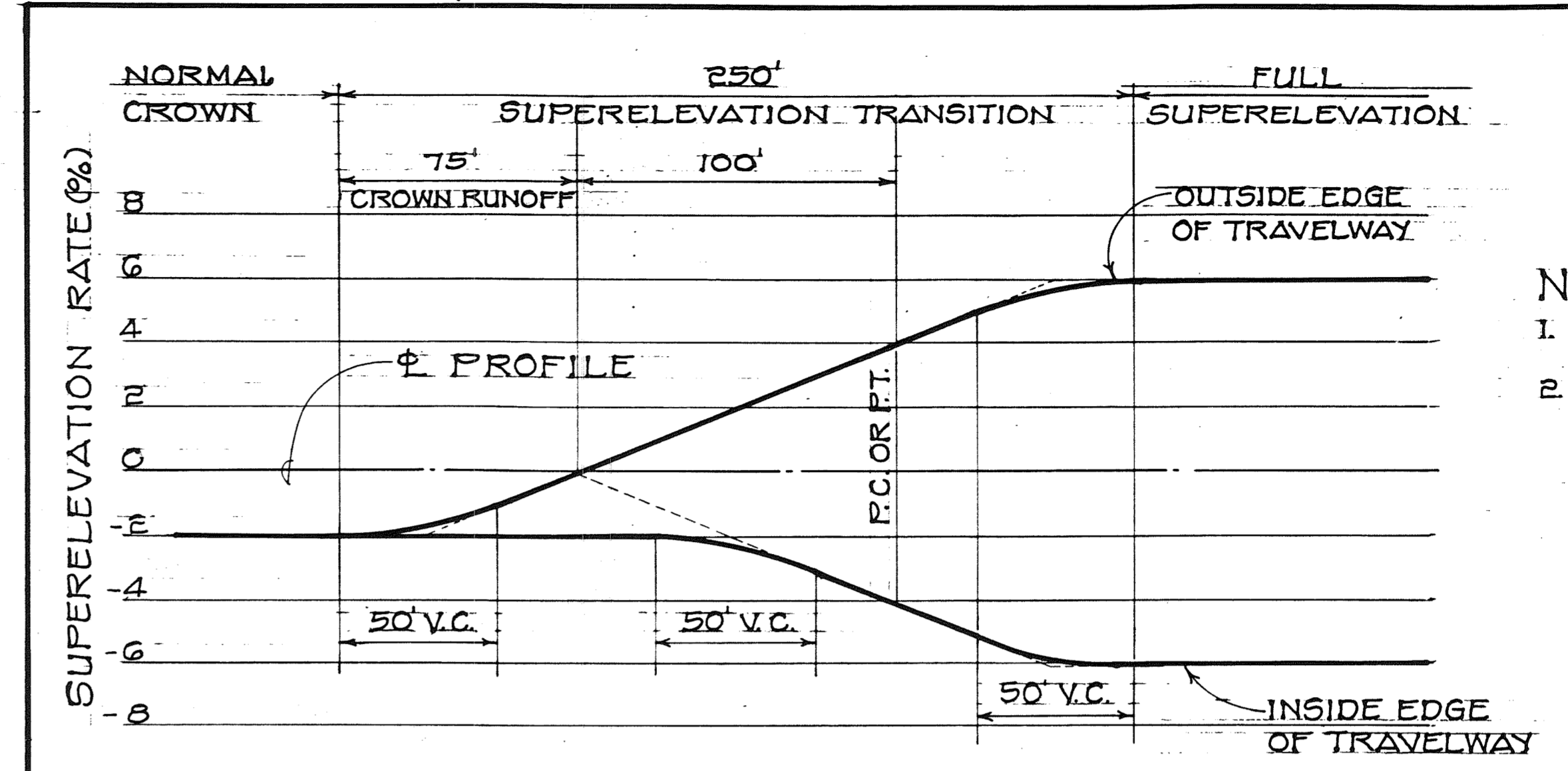
SECTION B
SCALE: 1/4" = 1'-0"



SECTION C
SCALE: 1/4" = 1'-0"

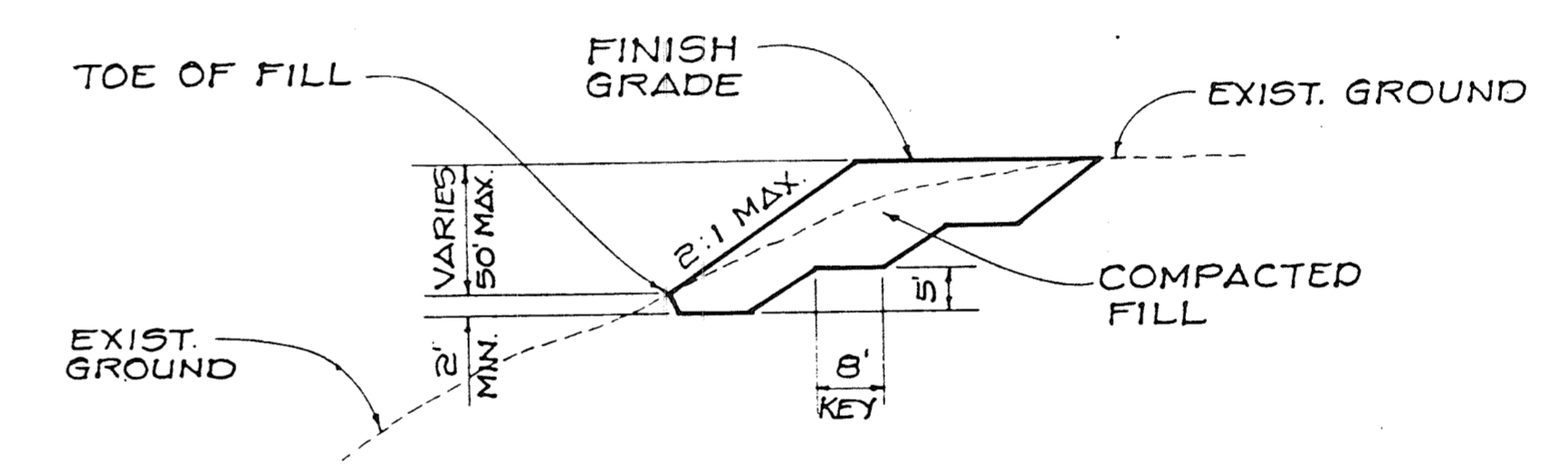


SECTION D
SCALE: 1/4" = 1'-0"



SUPERELEVATION TRANSITION DIAGRAM
SCALE: H: 1" = 40'-0"

- NOTES:~
1. ϕ PROFILE IS THE AXIS OF ROTATION.
 2. WARP SHOULDER SLOPE UNIFORMLY THROUGH LENGTH OF CROWN RUNOFF.



TYPICAL KEY DETAIL
NO SCALE

SECTION SCHEDULE			
MAIN ACCESS ROAD			
STATION	TO	STATION	SECTION
47+00		47+09.20	C
47+09.20		58+00.02	A
58+00.02		83+15.64	C
83+15.64		88+00±	SEE SHEET 13
88+00±		109+50	C
109+50		109+55.34	D
109+55.34		118+84.75	A
118+84.75		129+15	C
129+15		133+00	B
133+00		134+50	C

- NOTES:~
1. FOR TYPICAL PAVEMENT SECTION SEE DETAIL (1) (19)
 2. FOR TYPICAL B.C. SHOULDER SEE DETAILS (6) (24) AND (7) (24)
 3. FOR TYPICAL ROADWAY GUTTER SECTIONS SEE DETAILS (1) (24) AND (2) (24)
 4. FOR TYPICAL DITCH SECTIONS SEE DETAILS (4) (26), (5) (26) AND (6) (26)

SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 DESIGNED BY _____
 CHECKED BY _____
 ORIGINAL PLAN _____
 NOTE BOOK _____
 No. _____

ROYCE S. FUKUNAGA
REGISTERED PROFESSIONAL ENGINEER
No. 2107-C
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROAD SECTIONS

MAUNA KEA OBSERVATORY ACCESS ROAD
PHASE III-B
PROJECT NO. _____
SCALE: AS SHOWN

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Royce S. Fukunaga