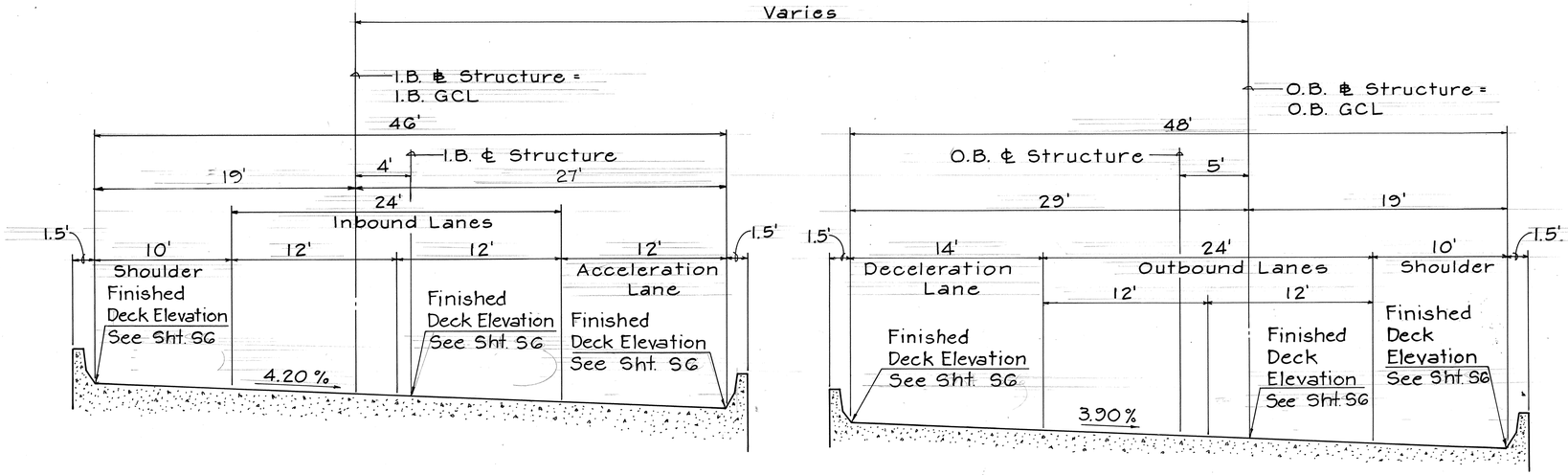
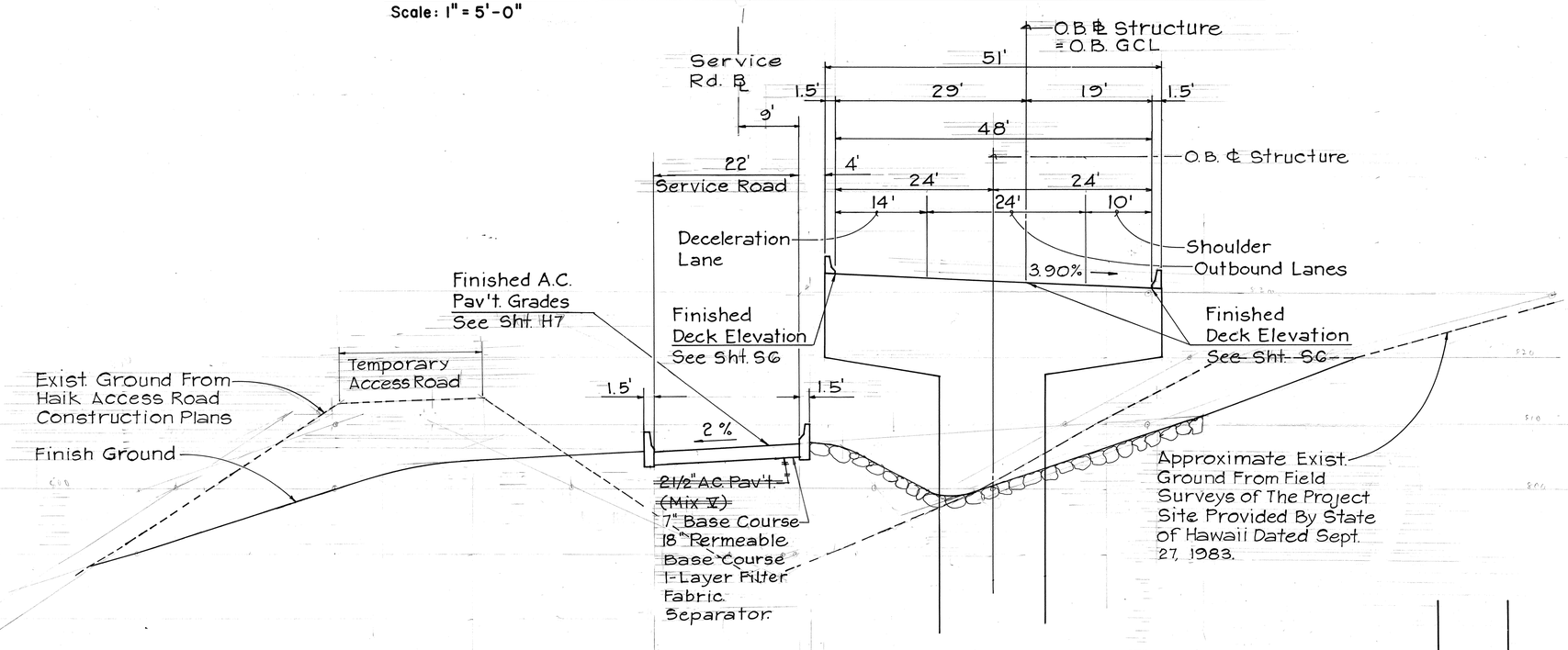
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(52)	1988	6	75



TYPICAL SUPERELEVATION SECTION FOR HAIKU VALLEY BRIDGES
I.B. STA. 257 + 60 TO STA. 261 + 60 AND O.B. STA. 258 + 00 TO STA. 259 + 00

Scale: 1" = 5'-0"



TYPICAL SECTION
O.B. STA. 258 + 15 TO STA. 259 + 00

Scale: 1" = 10'

- EARTHWORK CONT.

14. PROTECTION SHALL BE PROVIDED PROMPLY AFTER FINAL SLOPE GRADING. FILL SLOPES PROTECTED WITH AN APPROVED EROSION CONTROL MATTING SHALL BE CONSTRUCTED NO STEEPER THAN 1.5H : 1.0V

15. ENGINEERED FILL CONSTRUCTED ON SLOPES STEEPER THAN 5H:1V SHALL BE BENCHED INTO APPROVED NATURAL SOILS WITHIN HILLSIDE, AND CONSTRUCTED IN UNIFORM HORIZONTAL LIFTS AT THE PROPER DEGREE OF COMPACTION.

16. FILL SLOPE FACES SHALL BE OVERFILLED SLIGHTLY AND TRIMMED BACK DURING FINAL GRADING TO PROVIDE A TIGHT, WELL COMPACTED SLOPE SURFACE.

17. ENGINEERED FILL SUPPORTING STRUCTURES OR ROADWAY SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF ASTM. D1557 MAXIMUM DRY DENSITY. ENGINEERED FILL WHICH WILL NOT SUPPORT STRUCTURES SHALL BE COMPACTED TO 90 PERCENT MAXIMUM DENSITY BY THE SAME TEST.

18. IMPORT MATERIAL FOR ENGINEERED FILL SHALL BE GRANULAR, NON-EXPANSIVE, FREE OF DELETERIOUS MATERIALS, INCLUDING ROCKS AND CLODS GREATER THAN 4 INCHES IN DIMENSION, HAVE A PLASTICITY INDEX OF LESS THAN 10. SAMPLES OF IMPORT SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO THEIR UTILIZATION FOR EVALUATION AND APPROVAL.

19. CINDER AND WEATHERED CINDER SOILS SHALL BE CUT AT PERMANENT SLOPES NO STEEPER THAN 1.5H:1V FOR HEIGHTS OF UP TO 60 FEET WITH ADEQUATE STABILITY. BENCHES SHALL BE PROVIDED AT 15 FOOT INTERVALS TO PROTECT THE SLOPES FROM EROSION. BENCHES SHALL HAVE A MINIMUM WIDTH OF 8 FEET AND SHALL BE SLOPED TO DRAIN THE COLLECTED WATER AWAY FROM CUT SLOPE FACE.

20. EXPOSED CINDER MATERIALS ARE HIGHLY ERODABLE AND WILL REQUIRE PROMPT EROSION PROTECTION UPON COMPLETION OF CUT SLOPES. CARE SHALL BE EXERCISED

(CONT. ON SHT. 11)

DENIS T. SHIU REGISTERED PROFESSIONAL ENGINEER No. 2447-C HAWAII U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Denis T. Shiu

ORIGINAL PLAN | NOTE BOOK No. | SURVEY PLOTTED BY | DRAWN BY | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | DATE

DATE	REVISION
9/27/89	Revised Pavement Structure & Exist./Finish Ground
1/10/89	Revised Sta. 256+60 to 257+60 Typical Superelevation Section

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS

INTERSTATE ROUTE H-3
F.A.I. PROJECT NO. I-H3-1(52).

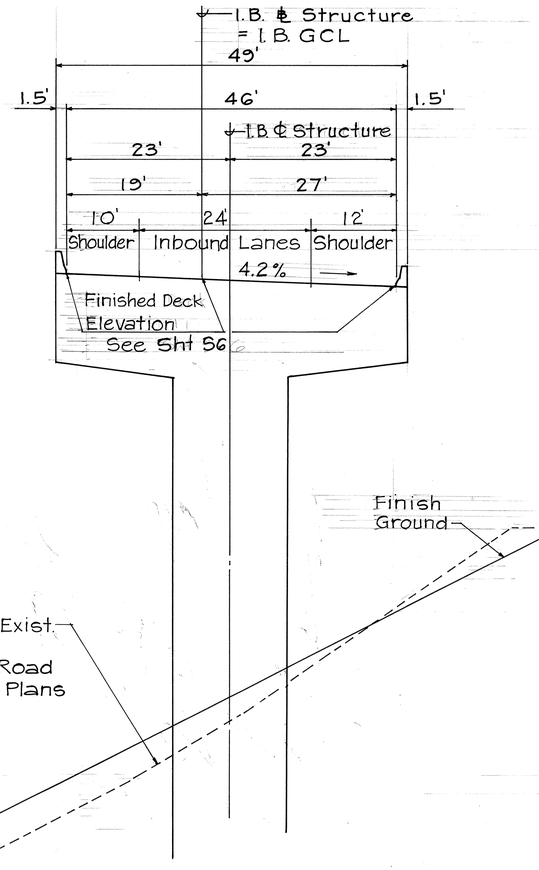
SCALE: AS NOTED DATE: JULY 1988

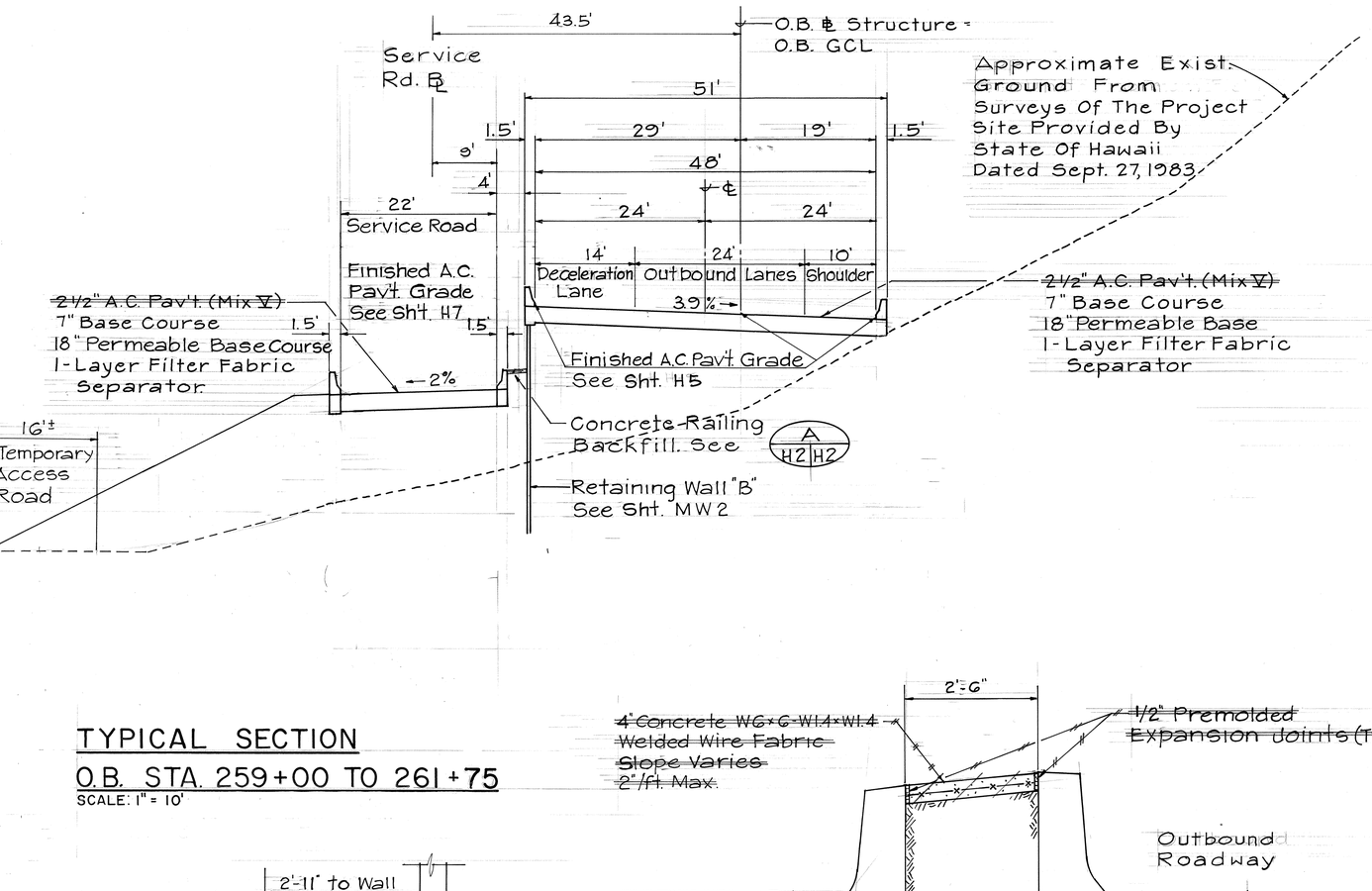
SHEET NO. H-1 OF 8 SHEETS

AS BUILT

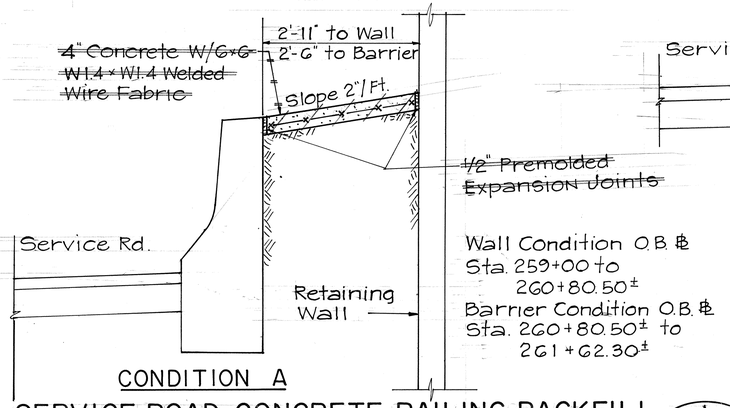
C.O. ADD. 6

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(52)	1988	7	75





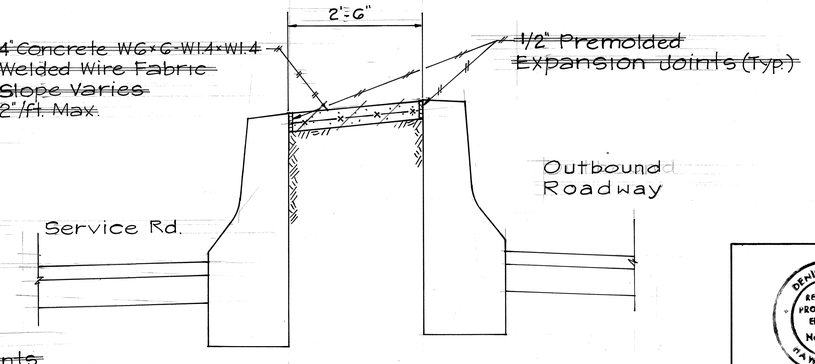
TYPICAL SECTION
O.B. STA. 259+00 TO 261+75
SCALE: 1" = 10'



CONDITION A

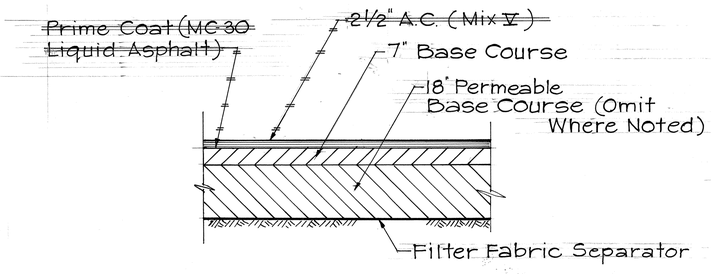
SERVICE ROAD CONCRETE RAILING BACKFILL
SCALE: 3/4" = 1'-0"

A
H2, H4, H2



O.B. ℄ Sta. 261+30± to
261+64.5±

CONDITION B



PAVEMENT STRUCTURE DETAIL
SCALE: 1/2" = 1'-0"

1
H4, H6, H2

DENIS T. SHIU
REGISTERED PROFESSIONAL ENGINEER
No. 2447-C
HAWAII U.S.A.

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Denis T. Shiu

DATE	REVISION
9/27/89	Revised Pavement Structure and Exist./Finish Ground
1/10/89	Added Prime Coat, Premolded Expansion Joints & Dimention. Added Note "Omit Where Noted on Pavement Structure Detail

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS

INTERSTATE ROUTE H-3
F.A.I. PROJECT NO. I-H3-1(52)

SCALE: AS NOTED DATE: JULY 1988

SHEET No. H 2 OF 8 SHEETS

ORIGINAL PLAN | NOTE BOOK | No. | SURVEY PLOTTED BY | DRAWN BY | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | DATE

AS BUILT

C.O. ADD. 7