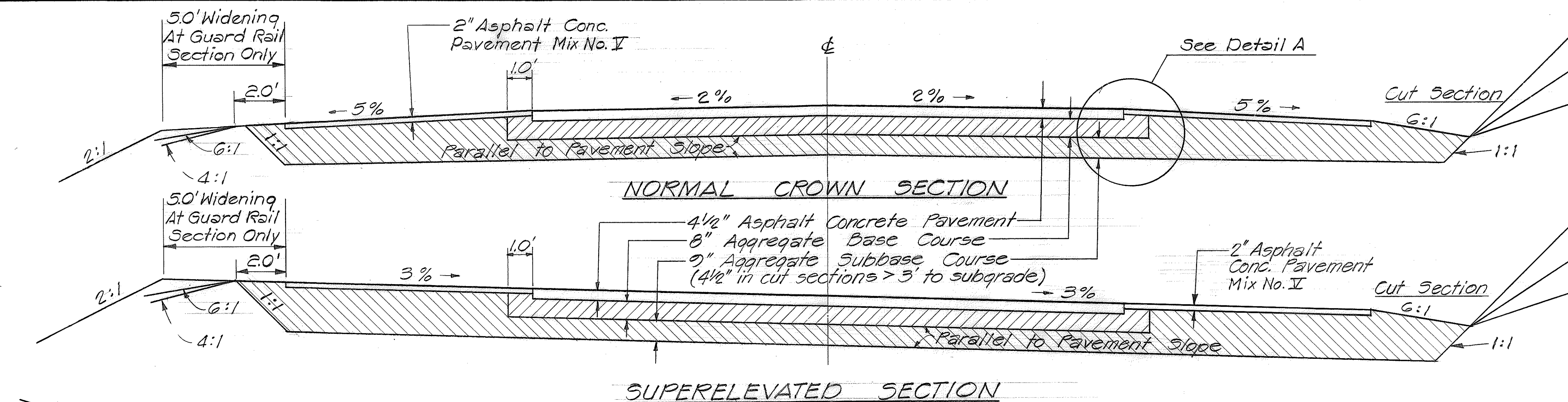
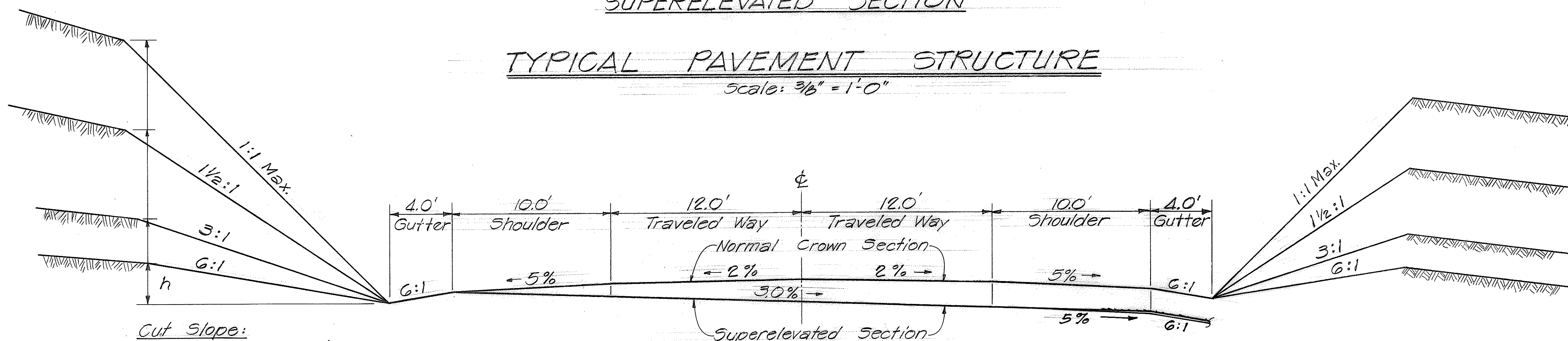


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-1(14)	1982	2	214



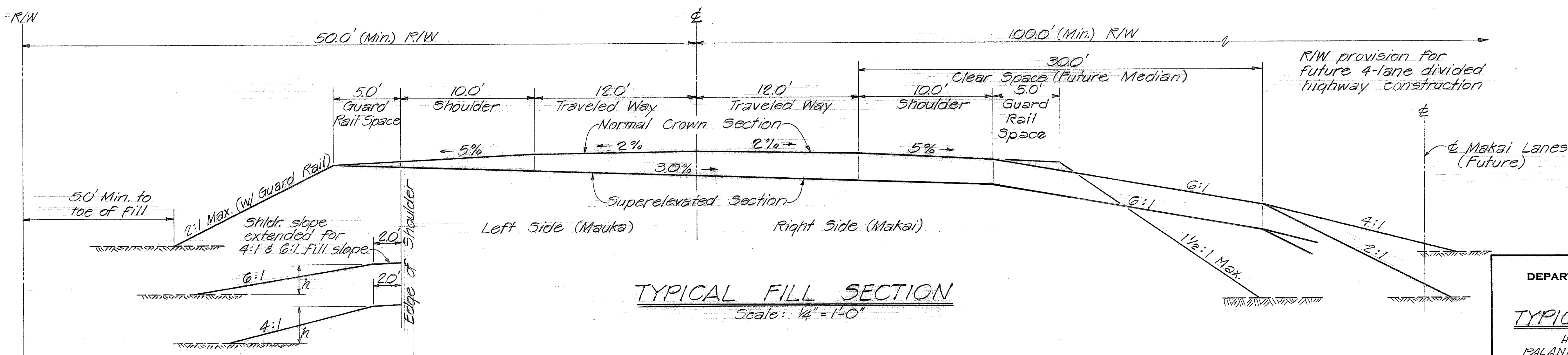
TYPICAL PAVEMENT STRUCTURE

Scale: 3/8" = 1'-0"



TYPICAL CUT SECTION

Scale: 1/4" = 1'-0"



TYPICAL FILL SECTION

Scale: 1/4" = 1'-0"

- NOTES**
- For future 4-lane divided highway construction, depress makai lanes & elevation 54' x pavement slope from mauka lanes & elevation to save on fill required (import borrow anticipated), simplify Se transitioning for 4-lane section and side road connections in superelevated sections.
 - Excess embankment material shall be used to construct fill sections along the future south bound lanes of the anticipated 4-lane divided highway as directed by the Project Engineer.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

HBR FAP ROUTE 11
PALANI RD. TO KILOHANA SUB'D.
PROJECT NO. F-011-1(14)
NORTH KONA, HAWAII

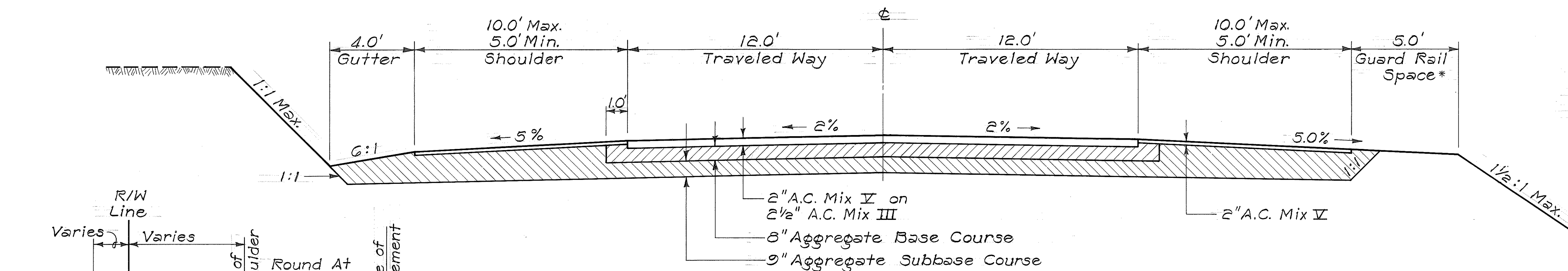
Scale: As Shown Date: Apr. 1982

SHEET NO. OF SHEETS

KUAKUHI RLY. DESIGN

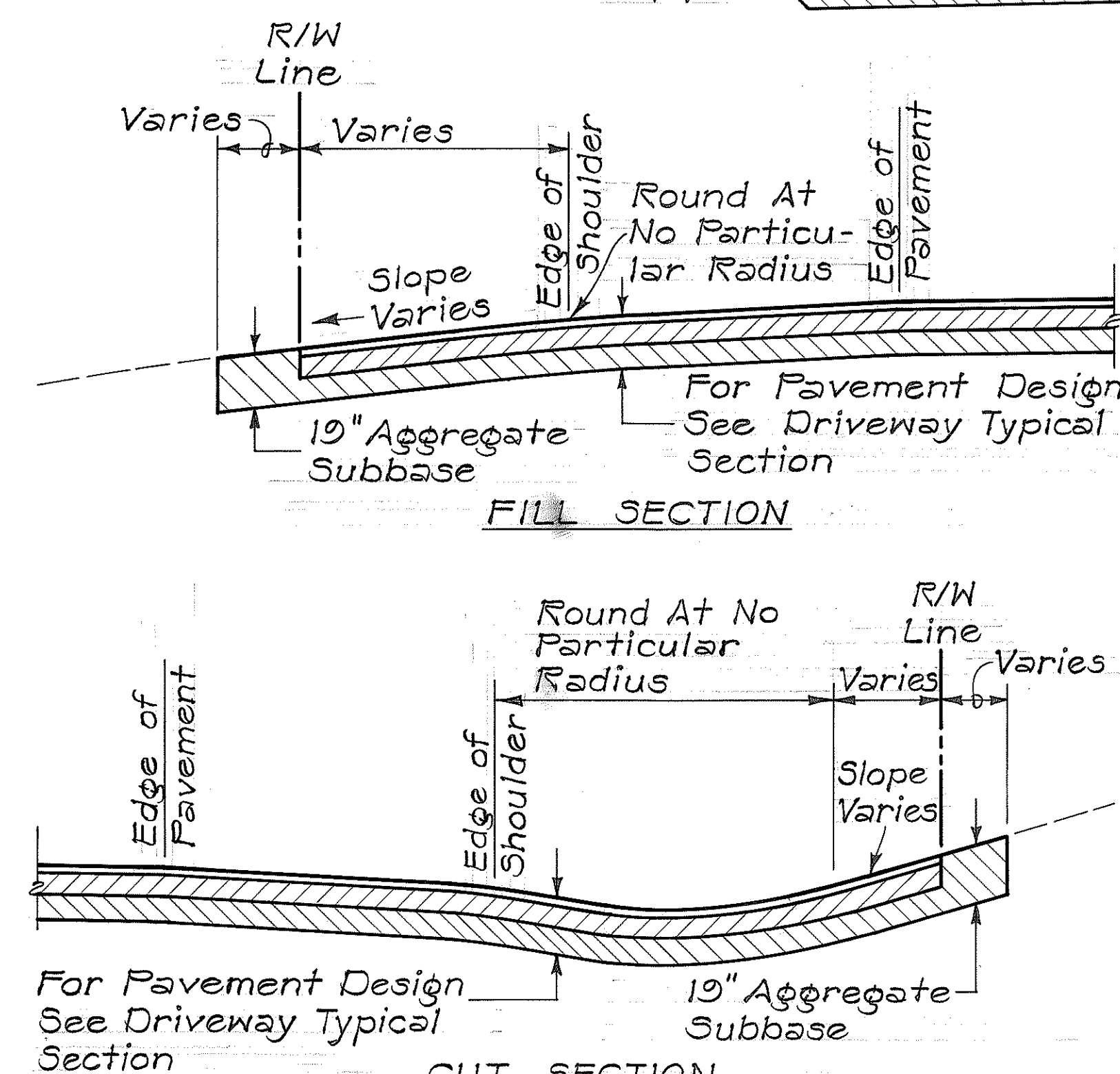
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-1(14)	1982	3	214

*NOTE
5.0' Widening to be provided for guard rail section only. Subbase shall be extended to edge of embankment for guard rail sections only.



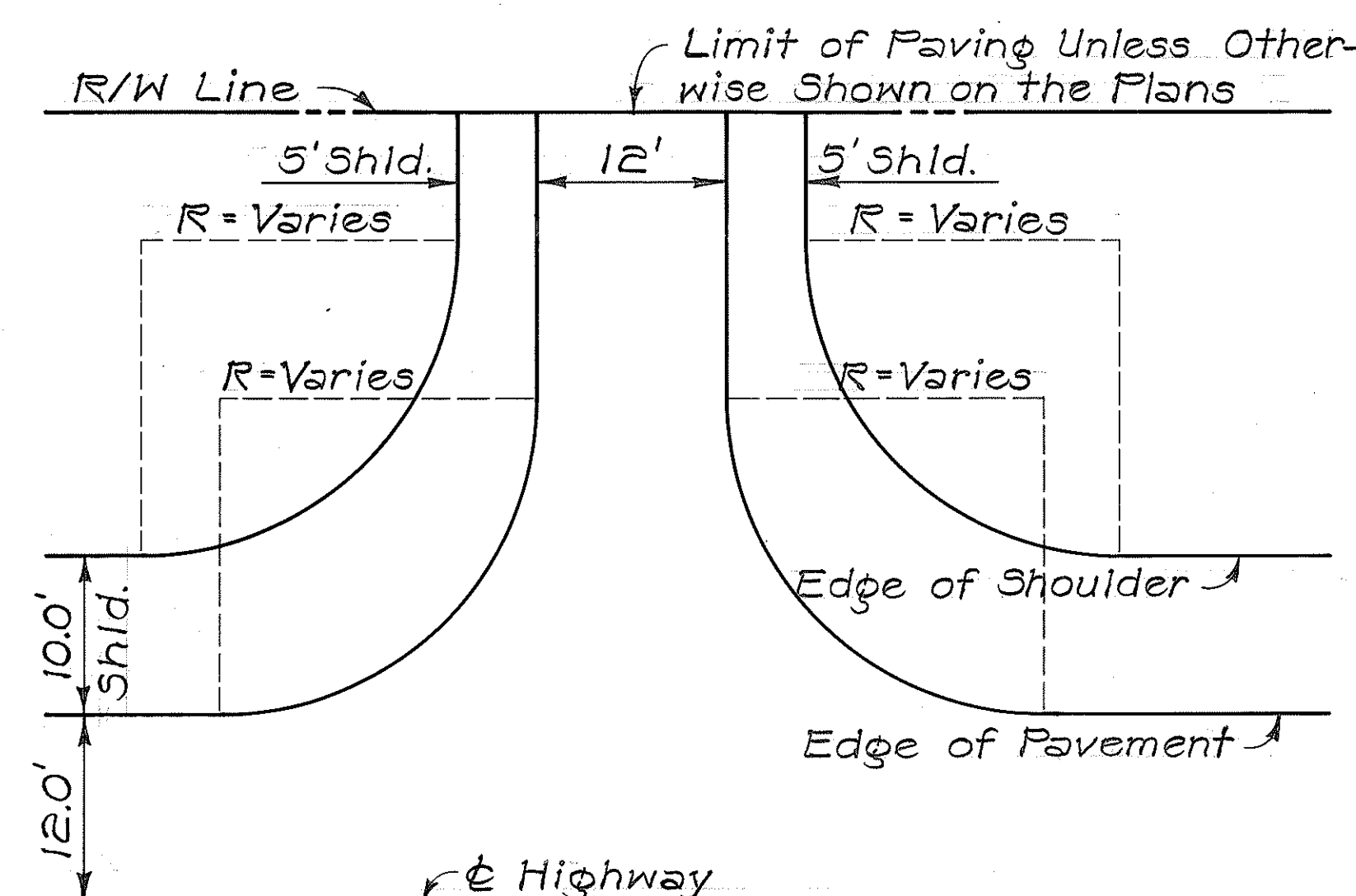
TYPICAL SECTION FOR TWO LANE SIDE ROADS

Scale: 3/8" = 1'-0"



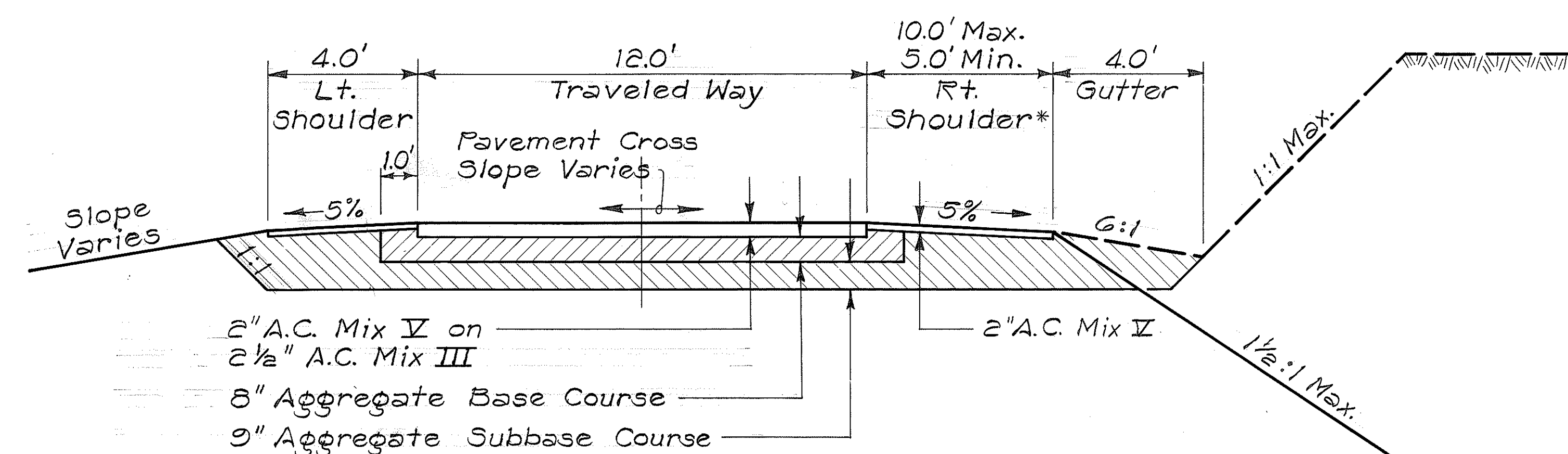
TYPICAL SECTIONS OF DRIVEWAY CONNECTIONS

Scale: 1/4" = 1'-0"



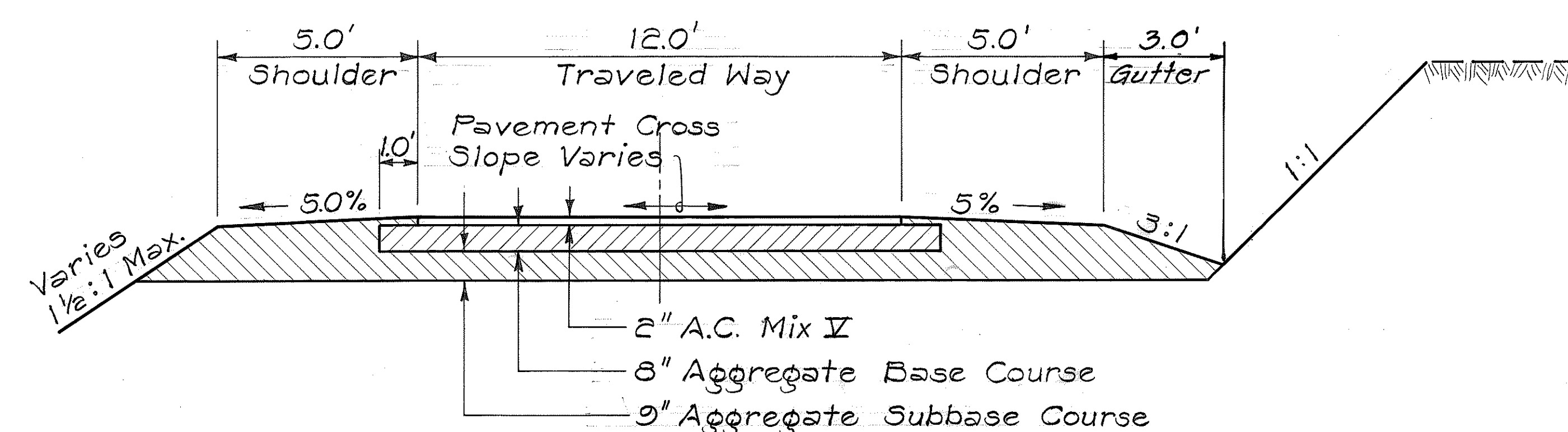
TYPICAL DRIVEWAY

Scale: 1" = 10'



TYPICAL SECTION FOR SINGLE LANE SIDE ROADS

Scale: 3/8" = 1'-0"



TYPICAL SECTION FOR DRIVEWAYS

Scale: 3/8" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL SECTIONS OF
SIDE ROADS & DRIVEWAYS
HBR FAP ROUTE 11
PALANI RD. TO KILOHANA SUB'D
PROJECT NO. F-011-1(14)
NORTH KONA, HAWAII
Scale: As Shown Date: Apr. 1982
SHEET NO. OF SHEETS