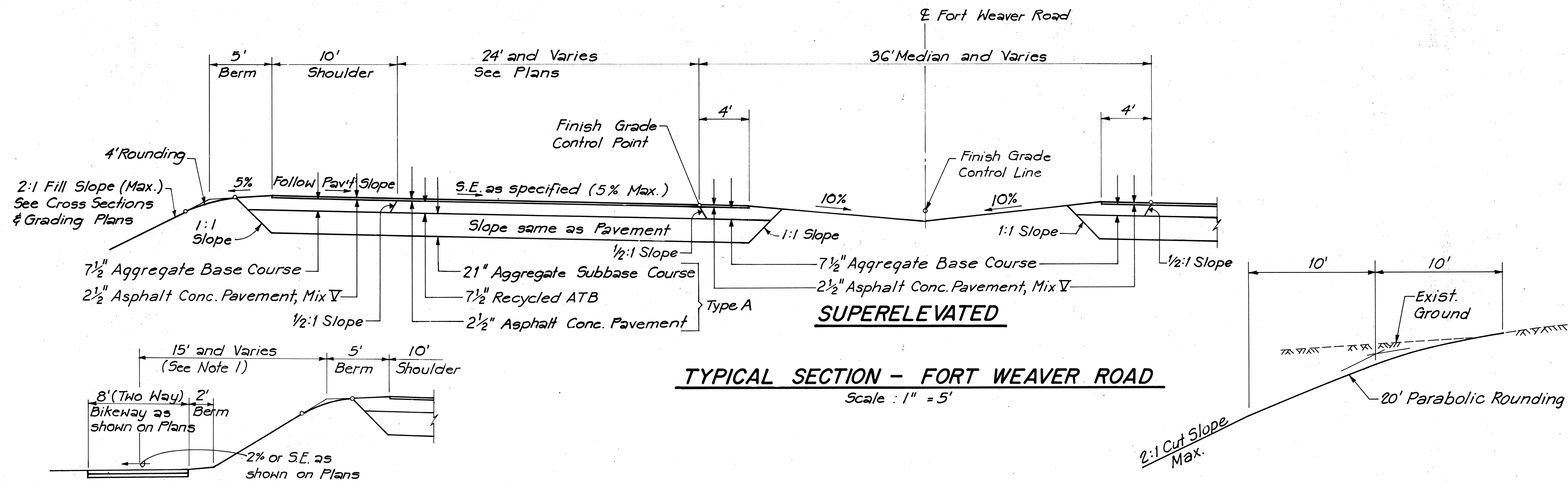
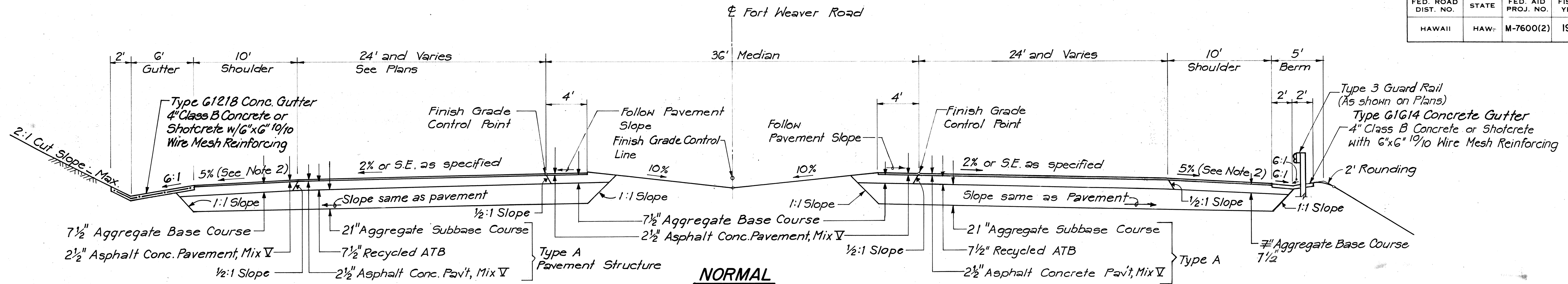


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	3	244



TYPICAL SECTION - FORT WEAVER ROAD

Scale: 1" = 5'

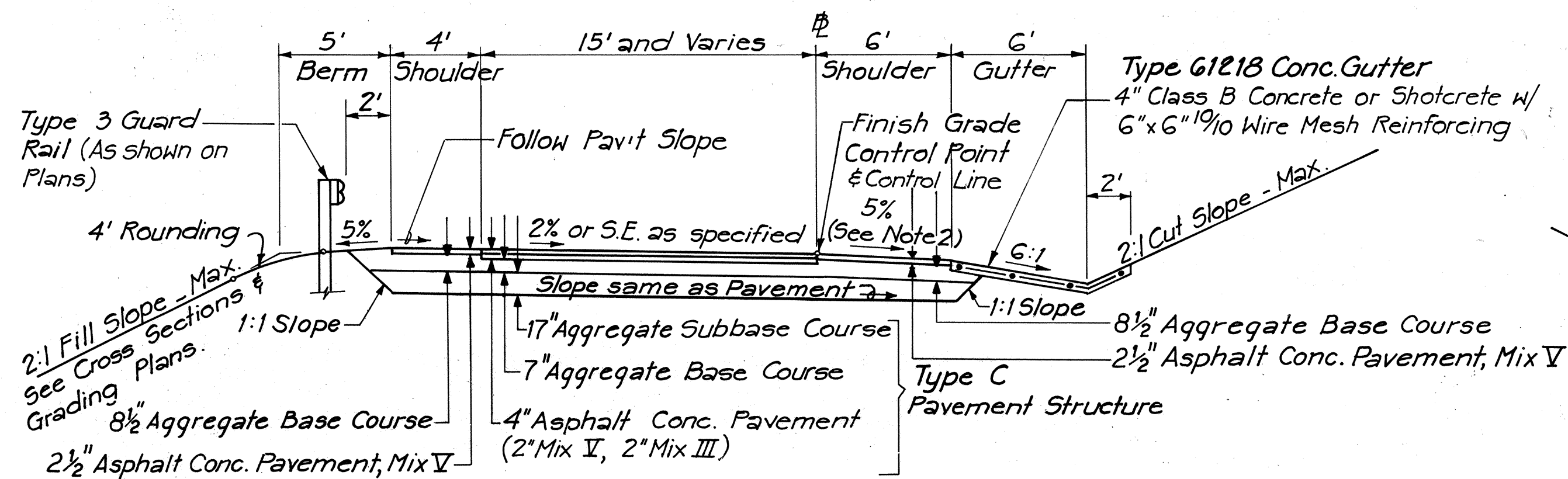
TOP-OF-CUT ROUNDING DETAIL

Scale: 1" = 5'

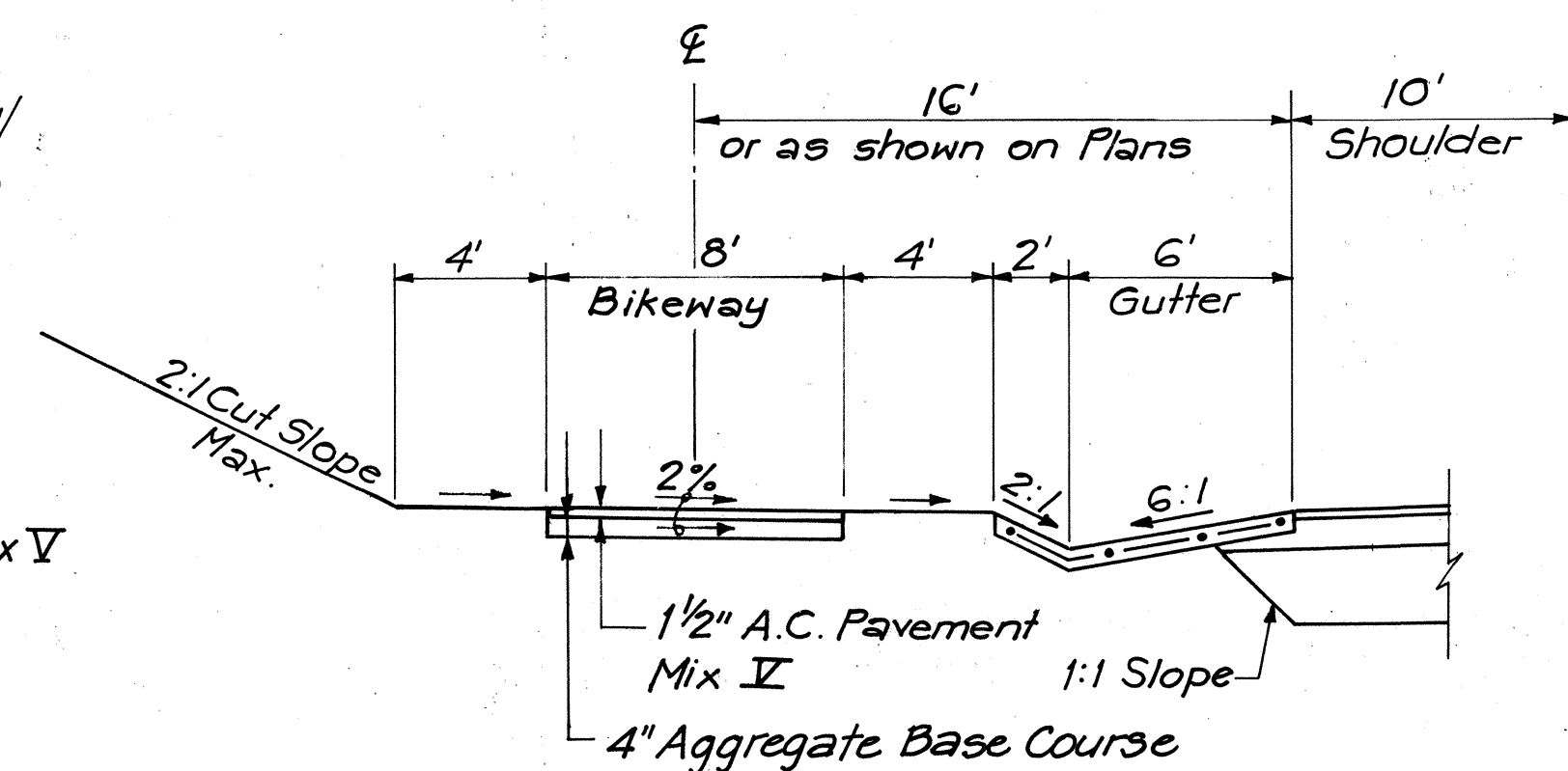
TYPICAL SECTION NOTES:

1. Bikeways shall be located at or outside the toe of slope in areas where the roadway is on fill. See Alignment Plans for Bikeway Geometry.
2. Shoulder slope at normal sections shall be 5%. On the low side of superelevated sections, when pavement slope towards shoulder exceeds 5%, then the shoulder slope shall be continuous with the pavement slope. On the high side of superelevated sections, shoulder slope shall be continuous with the pavement slope when slope equals or exceeds 0%. The transition from normal shoulder slope of 5% to 0% shall coincide with the pavement crown runoff length.
3. Median Turn Lanes in normal sections shall slope toward the centerline at a rate of 1.5%. Transitions from through pavement normal slope to median turn lane slope shall take place smoothly over the length of the taper. Inside shoulders for Median Turn Lanes shall have the same slopes as the Turn Lanes.
4. Subgrade cross-slope shall be the same as that of the Pavement.
5. For Typical Section for Detour Pavement, see Sheet No. 78.
6. For Notes on Pavement Superelevation, see sheet No. 14.
7. ~~Median Slopes between Stations 196+00 and 204+50 will be the same as the pavement cross slope (2%) in lieu of the normal 10% scale section.~~

N.I.C.



Scale: 1" = 5'



Scale: 1" = 5'



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS AND DETAILS

FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD

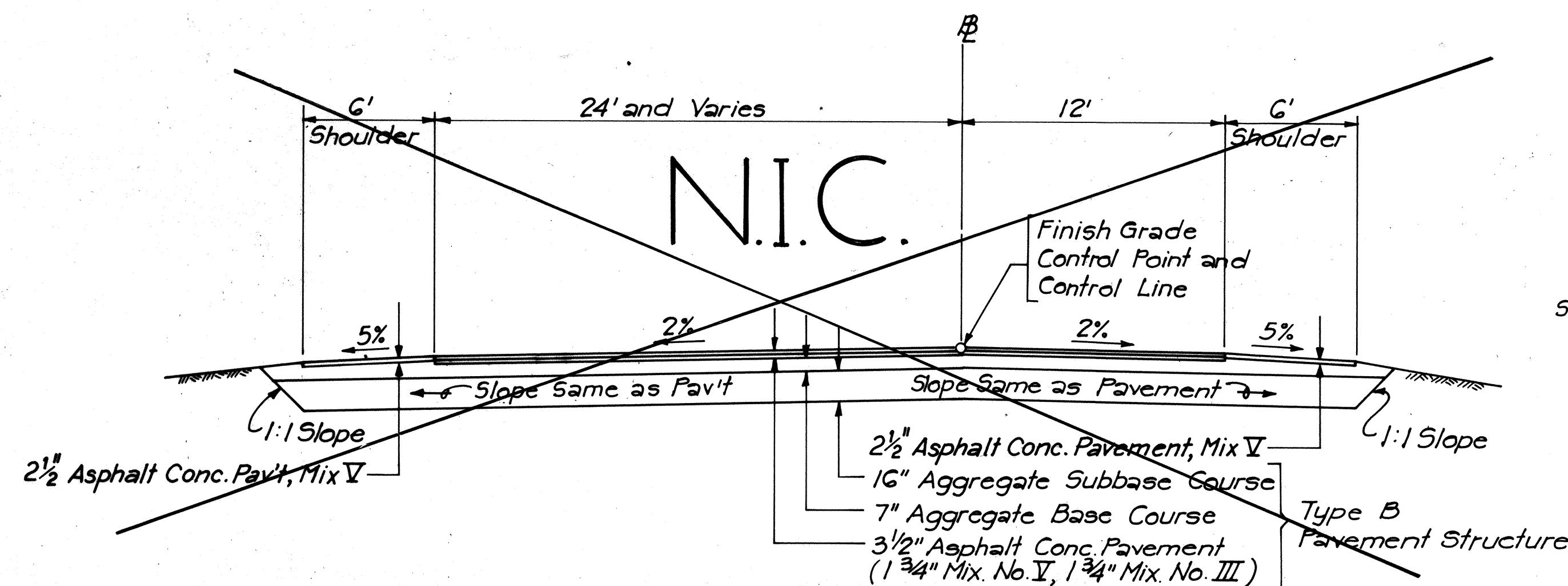
SCALE: AS SHOWN DATE: SEPT 1979

SHEET NO. 1 OF 2 SHEETS

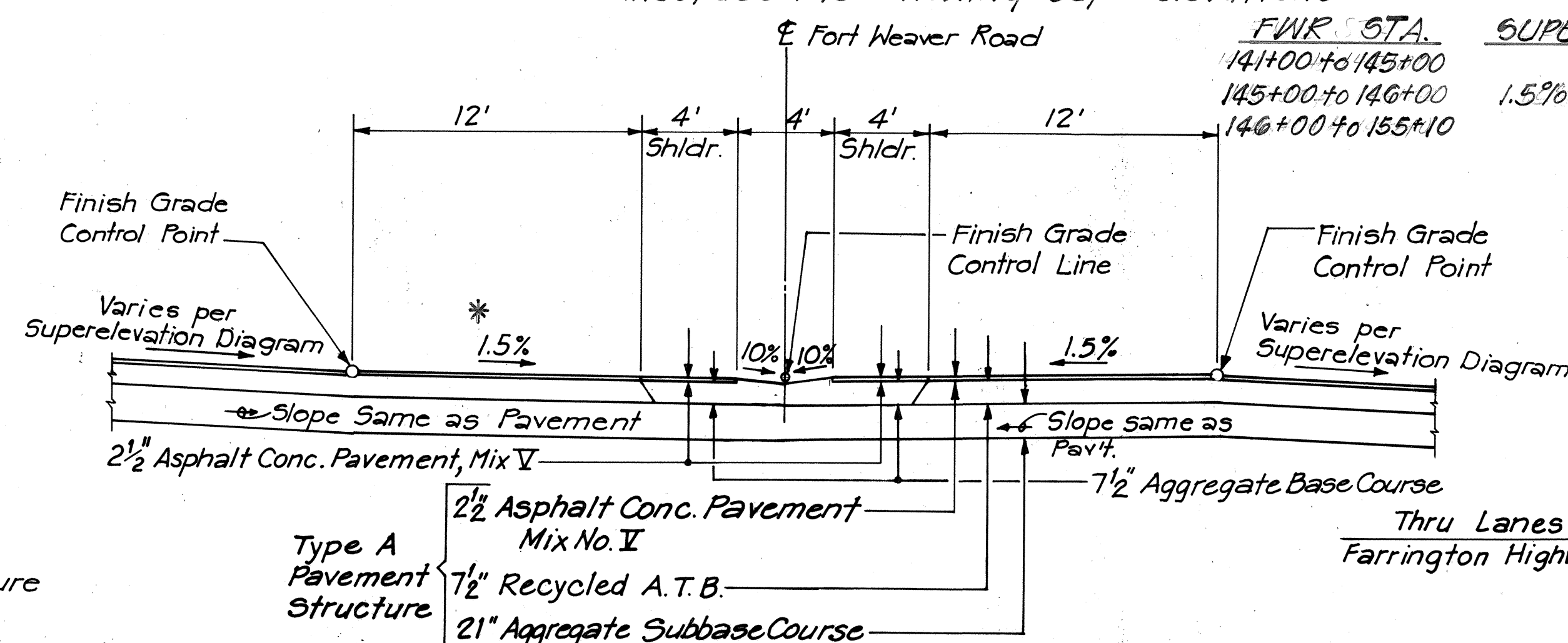
*For the Northbound Fort Weaver Road (FWR) Median Turn Lanes, use the following superelevations

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	4	244

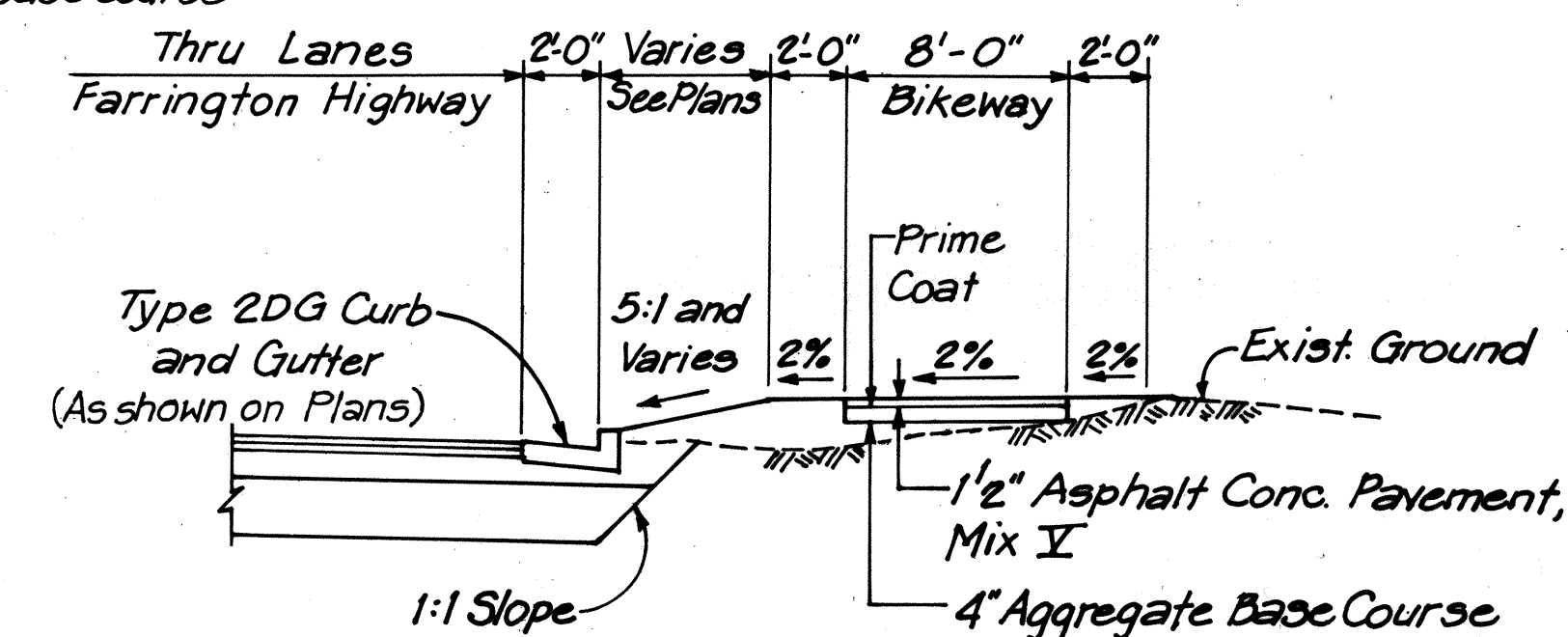
FWR STA. SUPERELEV.
141+00 to 145+00 1.5%
145+00 to 146+00 1.5% to 1.0% Transition
146+00 to 155+10 1.0%



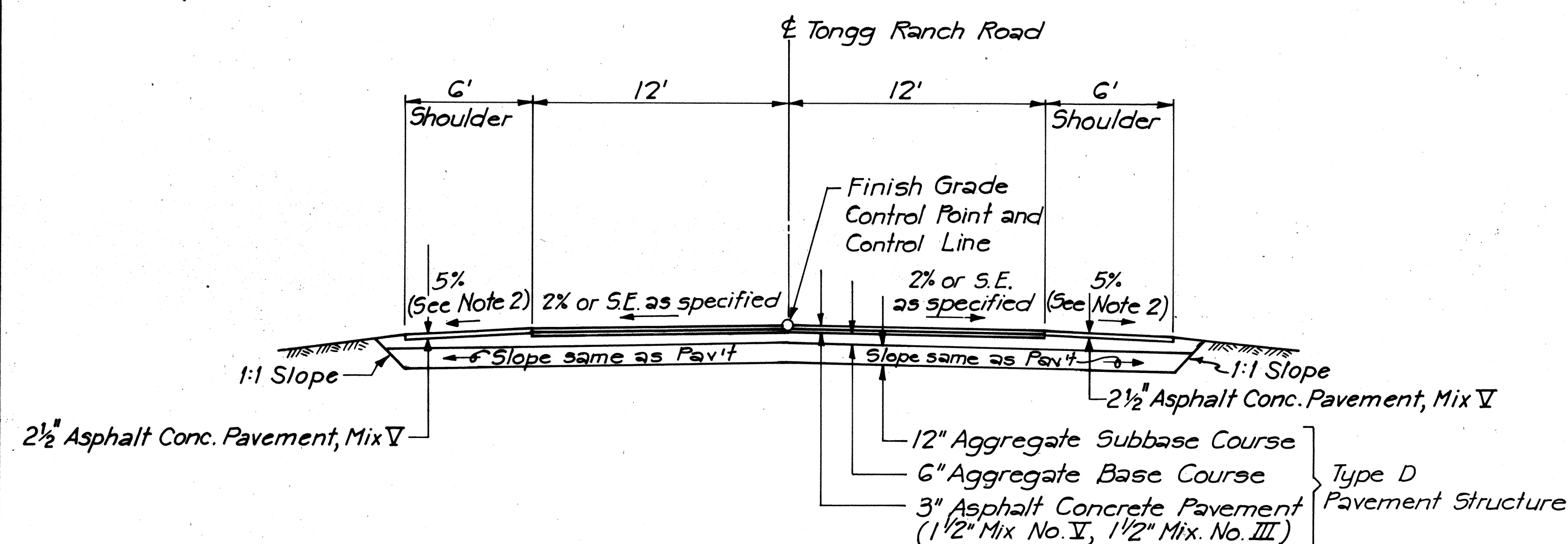
RENTON ROAD
Scale: 1" = 5'



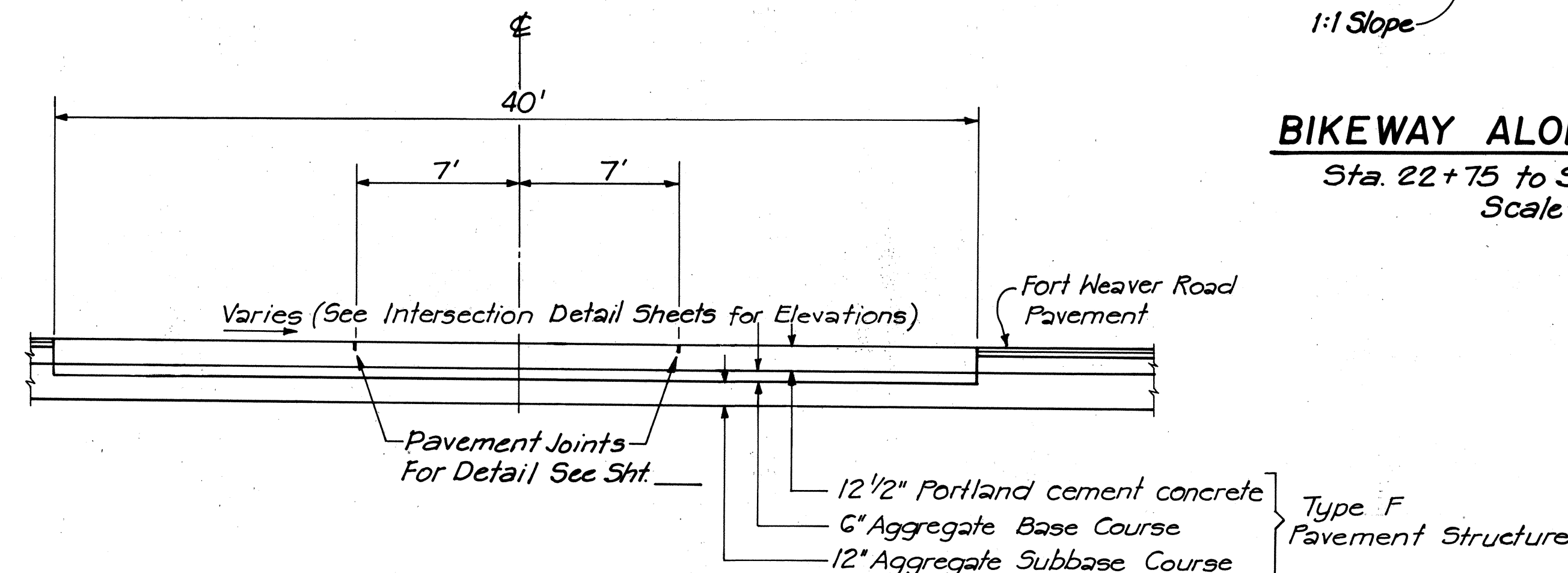
MEDIAN TURN LANE ON SUPERELEVATED SECTION
Scale: 1" = 5'



BIKEWAY ALONG RAMP 'A'
Sta. 22+75 to Sta. 25+28.70
Scale: 1" = 5'



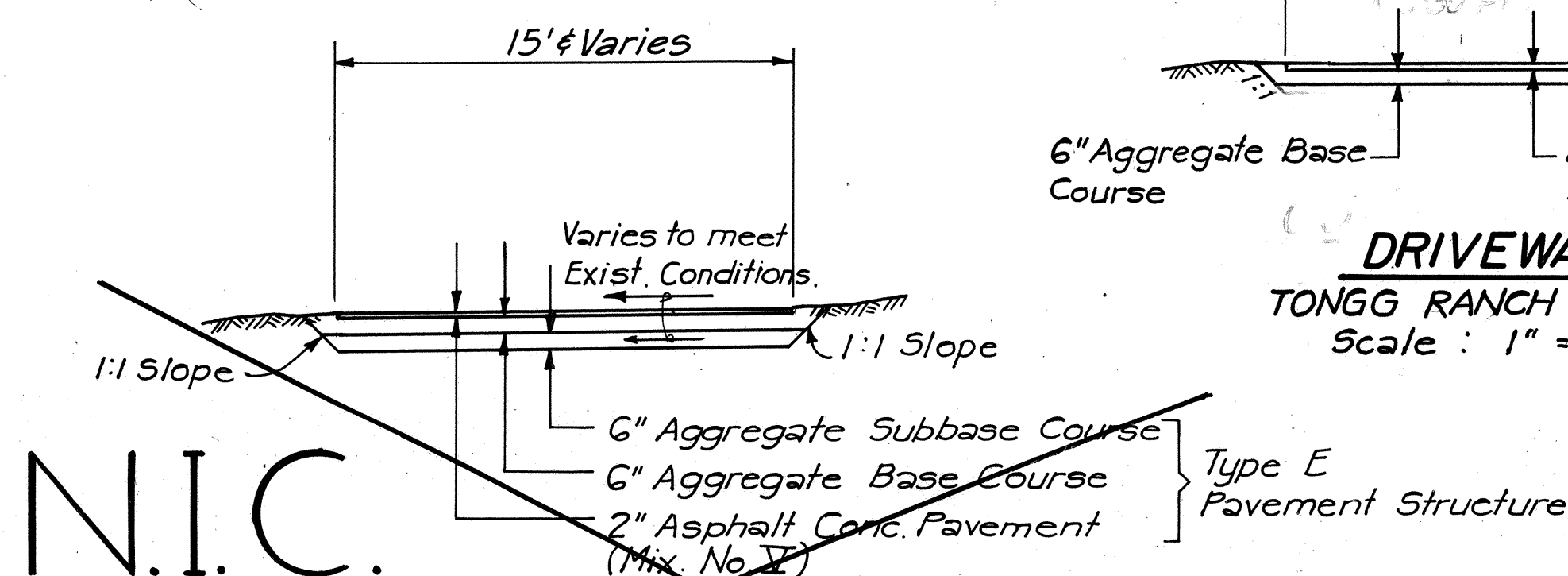
N.I.C. ARIZONA TONGG RANCH ROAD
(Tongg Ranch Rd. Sta. 15+53.17 to Sta. 28+25±)
Scale: 1" = 5'



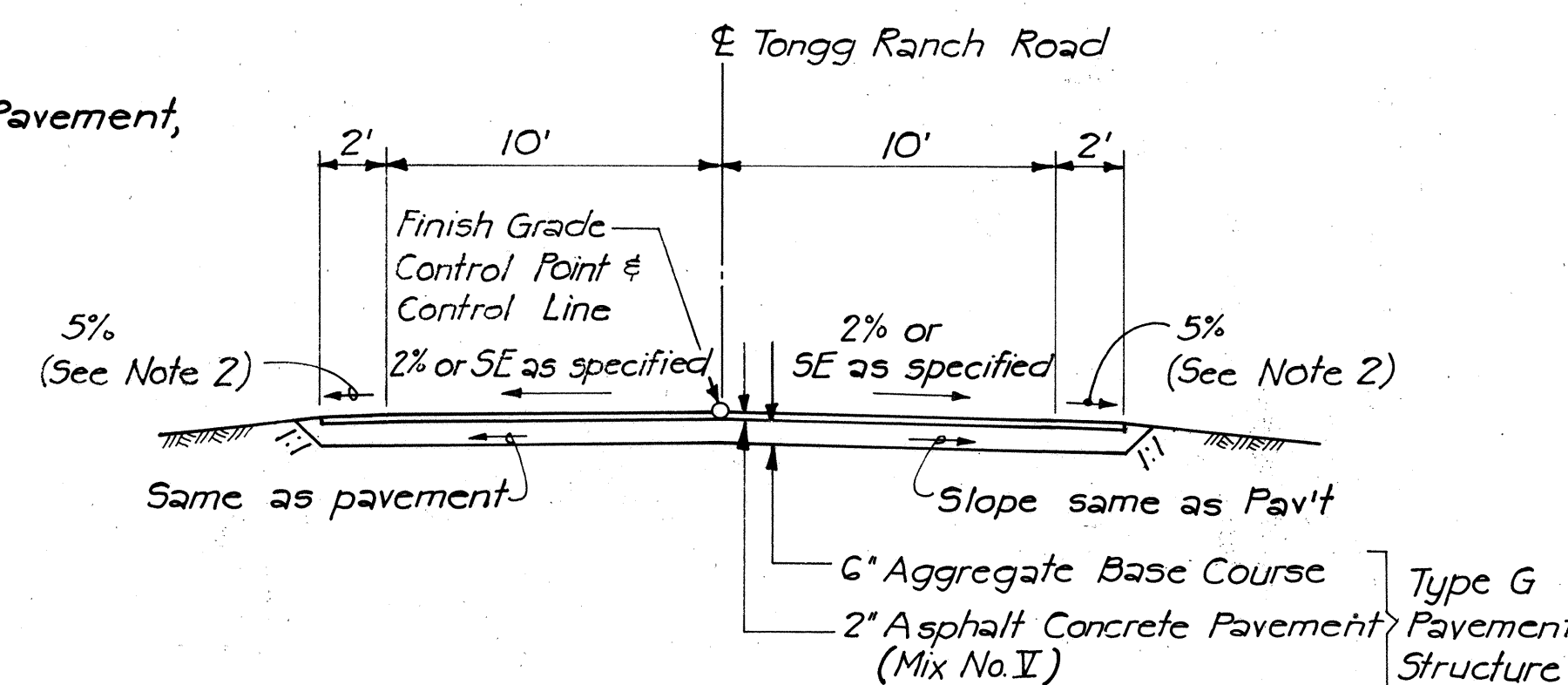
CANE HAUL ROAD CROSSINGS
Fort Weaver Road Sta. 112+50 & Sta. 175+10
Scale: 1" = 5'

TYPE	PAVEMENT		TABLE	
	ASPHALT CONCRETE PAVEMENT	AGG. BASE COURSE	AGG. SUBBASE COURSE	
A	MIX III	MIX V	7 1/2" (A.T.B.)	21"
B	1 3/4"	1 3/4"	7"	16"
C	2"	2"	7"	17"
D	1 1/2"	1 1/2"	6"	12"
E	-	2"	6"	6"
F	*	*	6"	12"
G	-	2"	6"	-

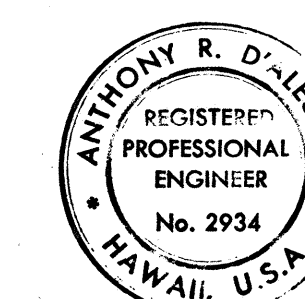
* 12 1/2" Portland Cement Concrete
See Typical Section
A.T.B. = Asphalt Treated Base



DRIVEWAY TONGG RANCH ROAD
Scale: 1" = 5'



TONGG RANCH ROAD
(Sta. 10+00 to Sta. 14+69.17)
Scale: 1" = 5'



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A.R.D.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS AND DETAILS

**FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD**

SCALE: AS SHOWN DATE: SEPT 1979
SHEET NO. 2 OF 2 SHEETS