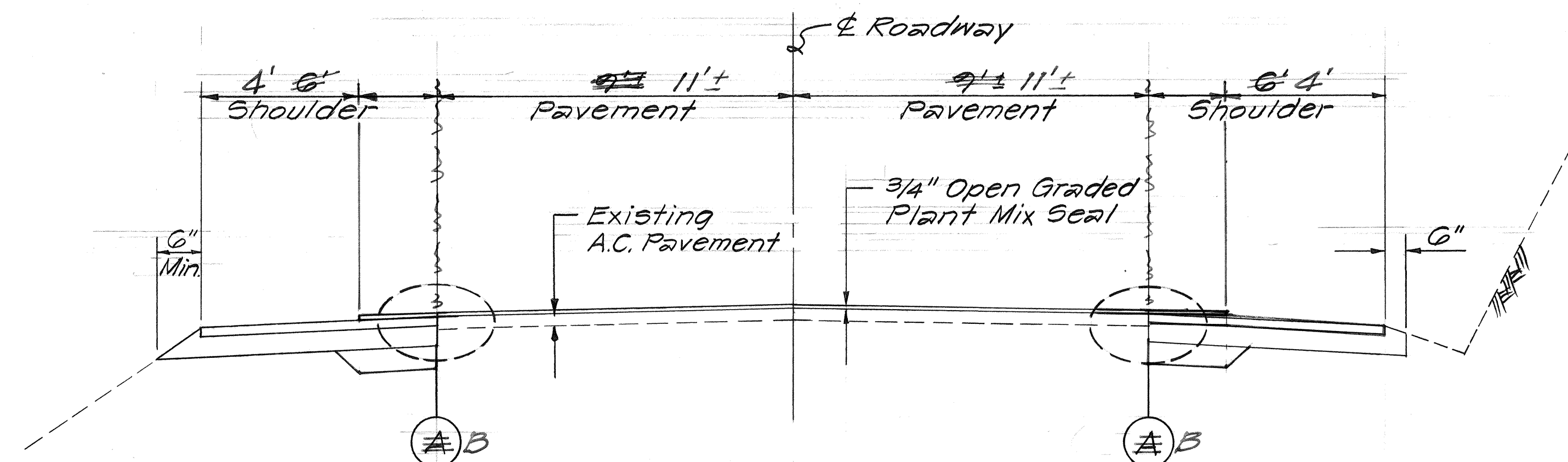
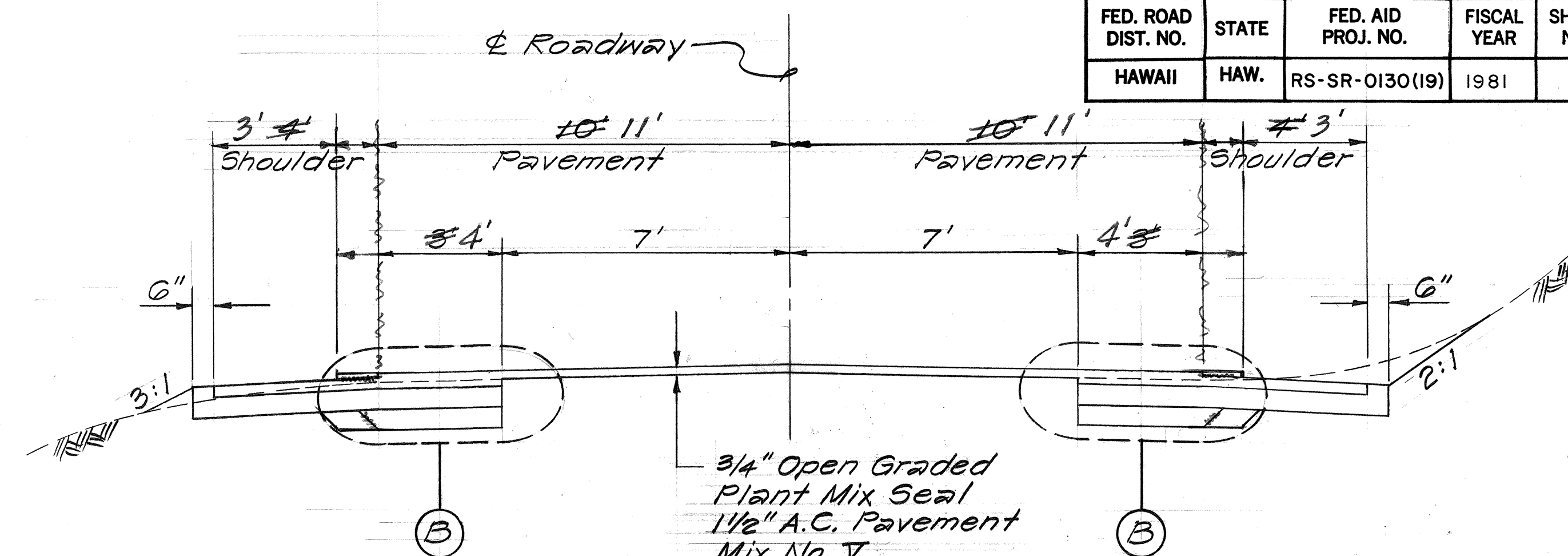


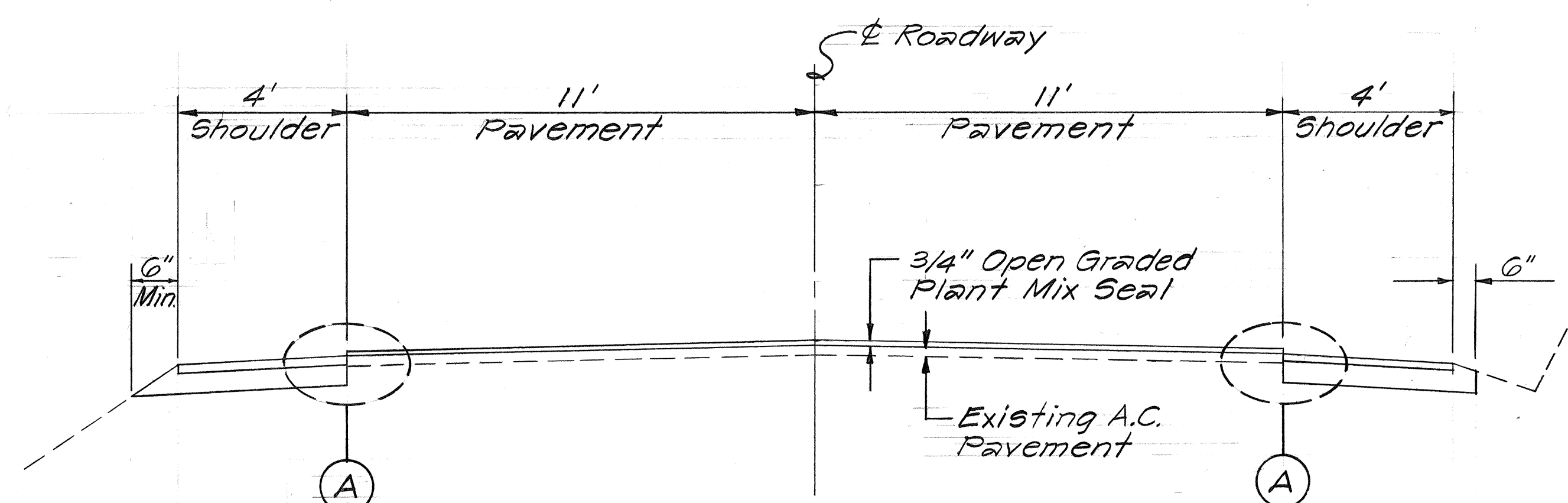
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-SR-0130(19)	1981	6	18



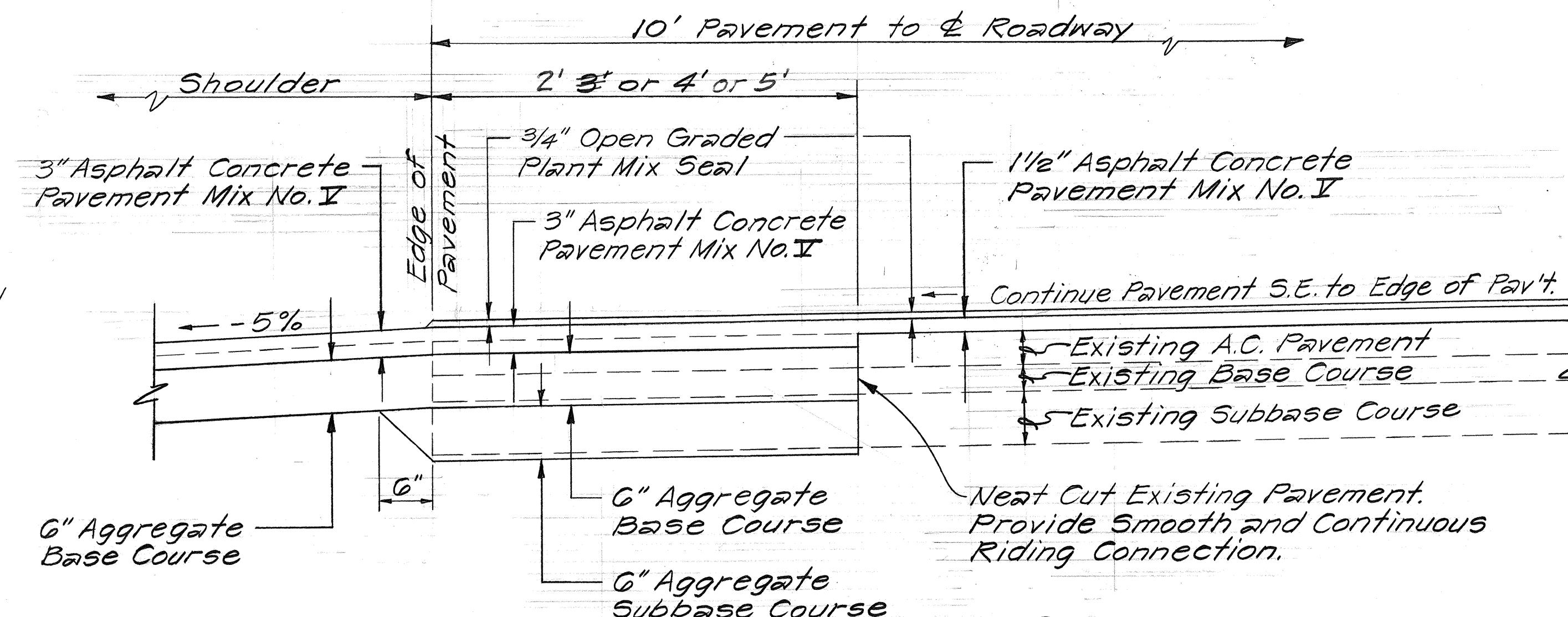
TYPICAL SECTION
STA. 0+00 to STA. 72+00
Scale: 3/8"=1'-0"



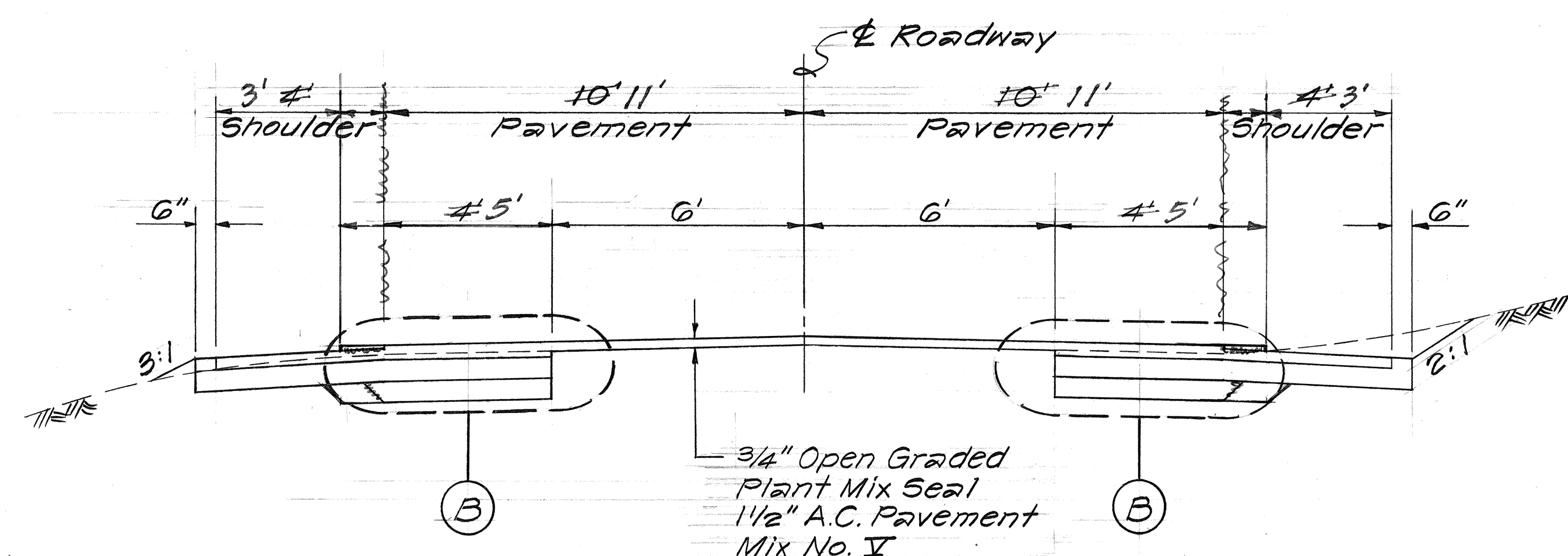
TYPICAL SECTION
STA. 190+50 to STA. 237+00
Scale: 3/8"=1'-0"



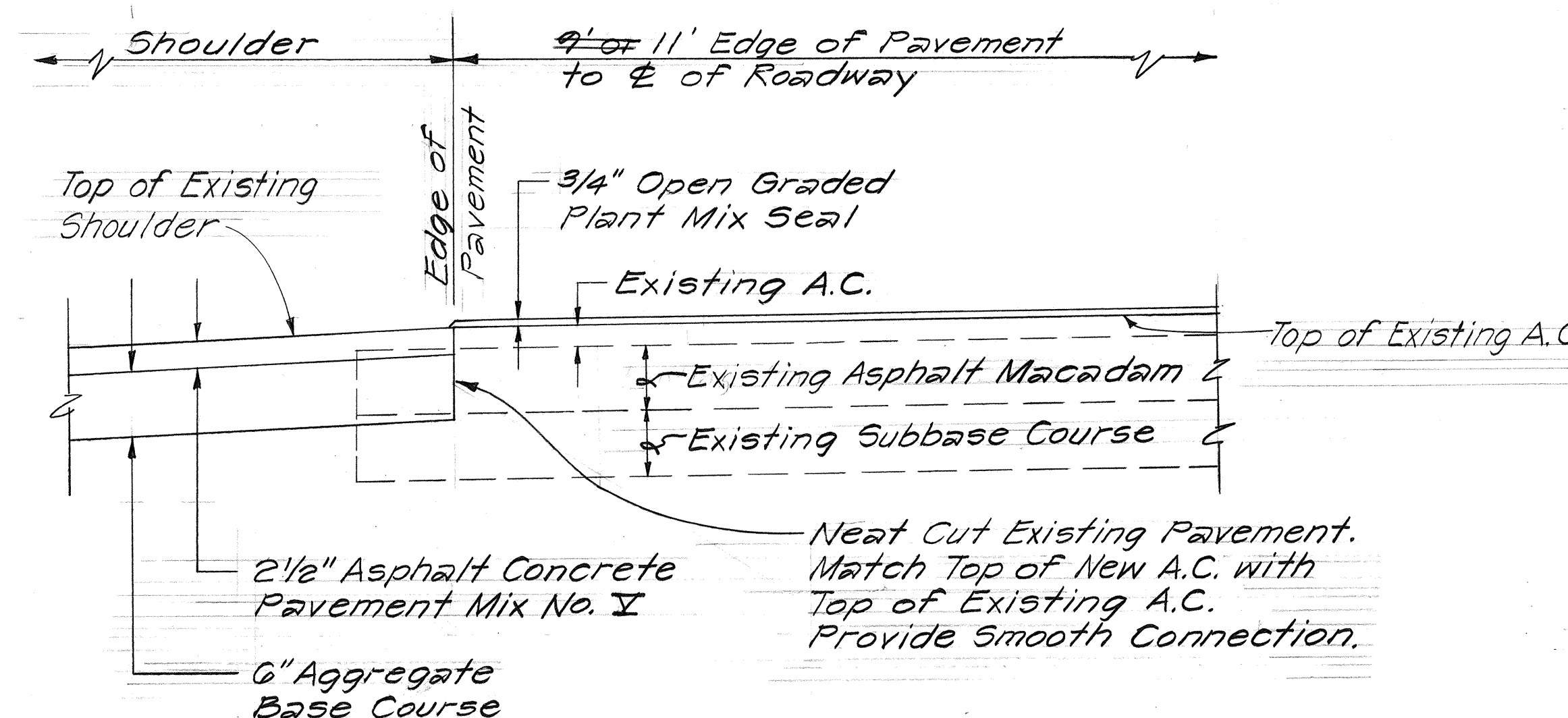
TYPICAL SECTION
STA. 72+00 to STA. 133+00
Scale: 3/8"=1'-0"



DETAIL (B)
Scale: 1"=1'-0"



TYPICAL SECTION
STA. 133+00 to STA. 190+50
Scale: 3/8"=1'-0"



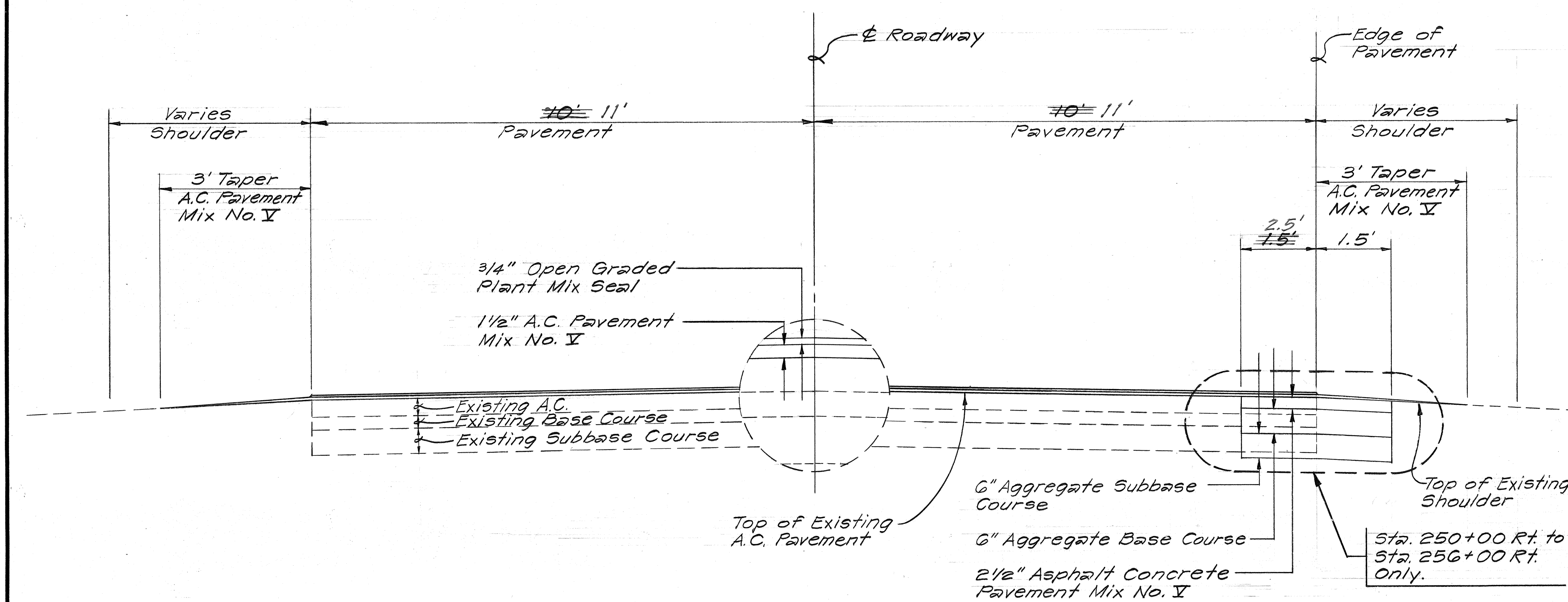
DETAIL (A)
Scale: 1"=1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
PAHOA-KALAPANA ROAD
RESURFACING
F.A. PROJ. NO. RS-SR-0130(19)
Scale as noted
SHEET NO. 1 OF 2 SHEETS

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

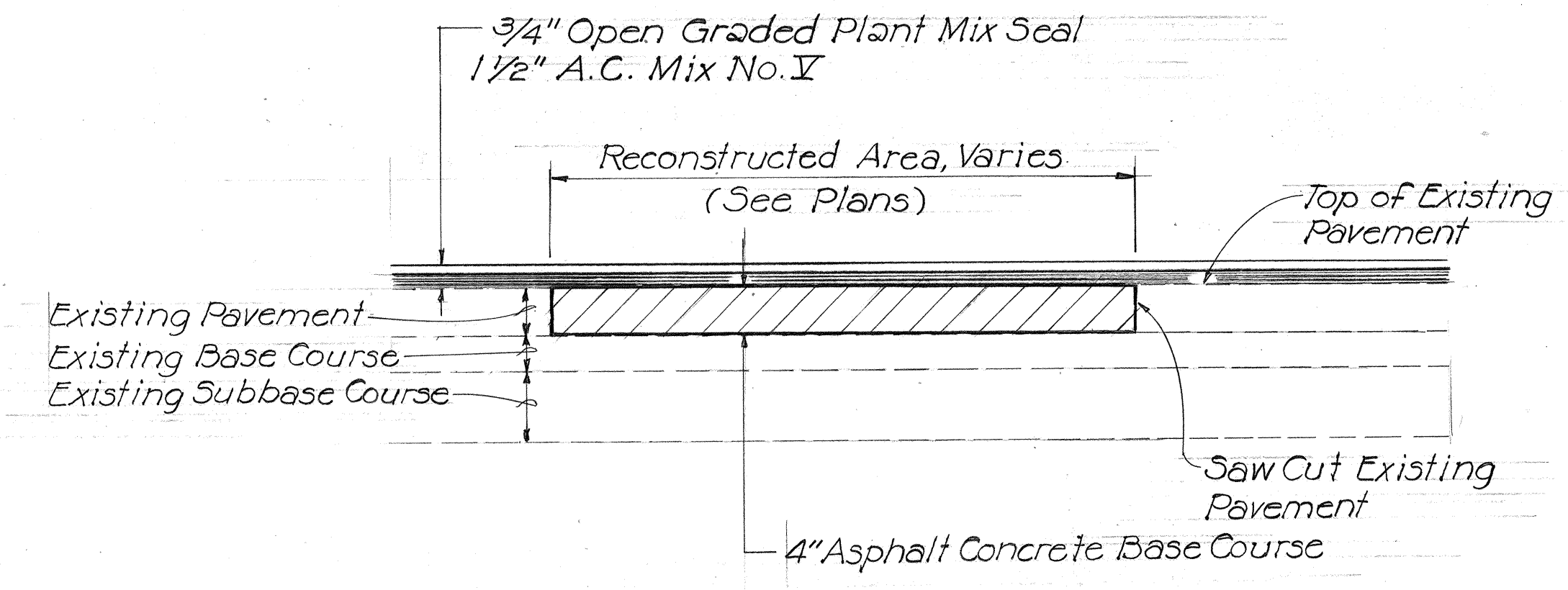
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	R5-5R-0130(19)	1981	7	18



EARTHWORK QUANTITIES

Excavation 10,500 Cu.Yds.
 Embankment 504 Cu.Yds.
 Quantities are approximate and for estimating purposes only. Exact quantities to be determined in the field.
 The above quantities do not include the quantity under Item No. 651.0100-Excavation for Reconstruction of Weakened Pavement Areas.

TYPICAL SECTION STA. 237+00 to STA. 277+00 STA. 242+50 Scale: 3/4"=1'-0"



TYPICAL SECTION RECONSTRUCTION OF WEAKENED PAVEMENT AREAS

PAVEMENT MARKER SCHEDULE					
STATION		DESCRIPTION	TYPE		
FROM	TO		D	H	J
-0+00	2154 2+80	Passing - Both Sides	6	7	24 28
2154 2+80	7184 3+00	No Passing-L Passing-R	13	14	36 58
7184 3+00	6147 6+40	Passing - Both Sides	14	3	592
6147 6+40	7216 7+70	Passing-L No Passing-R	13	14	36 58
7216 7+70	7310 7+10	Open Opohiki			
7310 7+10	7810 7+80	No Passing-L Passing-R	13	14	36 48
7810 7+80	8212 1+60	Passing - Both Sides	7	10	436 280
8212 1+60	8212 5+60	Passing-L No Passing-R	17	10	20 10 80 40
8212 5+60	8213 2+30	Passing-Both Sides	3	7	8 58
8213 2+30	8213 7+30	No Passing-L Passing-R	17	12	17 12 68 48
8213 7+30	8214 3+00	No Passing - Both Sides	5	14	56
8214 3+00	8214 8+00	Passing-L No Passing-R	11	12	11 13 14 52
8214 8+00	8215 2+00	Passing - Both Sides	10		36 40
8215 2+00	8215 5+30	No Passing-L Passing-R	13	8	14 8 36 32
8215 5+30	8215 7+00	No Passing - Both Sides	16	9	56
8215 7+00	8216 4+20	Passing-L No Passing-R	15	18	16 18 64 72
8216 4+20	8216 9+00	No Passing - Both Sides	8	24	28
8216 9+00	8216 9+50	Open No Passing-L Passing-R	12	12	48
8216 9+50	8217 6+80	No Passing - Both Sides	5	37	
8217 6+80	8218 2+00	No Passing-L No Passing-R	19	13	18 13 72 52
8218 2+00	8218 5+80	No Passing - Both Sides	21	9	
8218 5+80	8219 0+50	Passing-L No Passing-R	12	12	48
8219 0+50	8219 1+90	No Passing-L Passing-R	35	23	23 92
8219 1+90	8220 1+40	Open No Passing-L Passing-R	13	12	48
8220 1+40	8220 8+60	No Passing-L No Passing-R	20	18	18 72
8220 8+60	8221 0+50	Passing-L Both Sides	13	5	12 48 20
8221 0+50	8221 1+50	No Passing-L Passing-R	23	15	24 15 76 60
8221 1+50	8221 1+30	Passing - Both Sides	4	2	12 8
8221 1+30	8222 4+00	Passing-L No Passing-R	19	17	20 17 80 68
8222 4+00	8222 5+80	Passing - Both Sides	4		12 16
8222 5+80	8223 2+20	No Passing-L Passing-R	16	17	16 17 68 24
8223 2+20	8224 2+00	No Passing-L Both Sides	18	24	18 72
8224 2+00	8225 3+70	Passing-L No Passing-R	7	7	28
8225 3+70	8225 7+10	Passing - Both Sides	5	5	16 12
8225 7+10	8226 2+50	No Passing-L Passing-R	5	14	5 14 20 56
8226 2+50	8226 4+60	No Passing - Both Sides	29	12	
8226 4+60	8227 4+40	Passing-L No Passing-R	6	7	7
8227 4+40	8228 2+50	Passing - Both Sides	3	8	8 32
8228 2+50	8229 2+50	No Passing-L Passing-R	13	13	52
8229 2+50	8230 2+70	No Passing - Both Sides	15	42	168
8230 2+70	8231 2+80	Passing-L No Passing-R	8	10	8 10 32 40
8231 2+80	8232 1+10	No Passing - Both Sides	7	5	24
8232 1+10	8233 7+81	No Passing-L Passing-R	13	14	56
8233 7+81	8234 1+62	Passing - Both Sides	42		164
8234 1+62	8235 1+62	Passing-L No Passing-R	10	10	48
8235 1+62	8236 7+72	No Passing - Both Sides	8		
TOTALS			751	254	2492
			767	310	2500

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TYPICAL SECTIONS &
 PAVEMENT MARKER SCHEDULE
 PAHOA - KALAPANA ROAD
 PROJ. NO. ER 4(1) TO PAHOA SCH. JUNG.
 PROJ. NO. R5-5R-0130(19)
 PUNA, HAWAII

Scale: As Shown Date: May 1981
 SHEET NO. 2 OF 2 SHEETS