

GENERAL NOTES, FEDERAL AID
PROJECT NO. RS-SR-0130(19)

1. Ruts on the existing roadway pavements shall be filled with a thin layer of leveling course A.C. Pavement Mix No. V prior to resurfacing. This leveling course will be considered as A.C. Pavement Mix No. V and paid for under Item No. 401.0500.
2. The exact limits of weakened pavement areas to be reconstructed will be determined in the field by the Engineer.
3. The depth of excavation for reconstruction of weakened pavement areas shall be 4 inches as shown on the detail. The excavated areas shall be reconstructed with Asphalt Concrete Base Course prior to resurfacing.
4. Additional areas to be reconstructed other than those shown on the plans will be determined by the Engineer.
5. Where a variation in resurfacing thickness occurs on the main thoroughfare, a transition shall be effected with a rate of 25 ft. per inch of difference and from the limits of the thicker to the thinner pavement.
6. Provide smooth transitions at connections to existing pavement at side roads, driveways and Beginning and Ending of Project Limits as directed by the Engineer.
7. All RM-1's are nailed to wood post and set 2' from paved edge of shoulder.

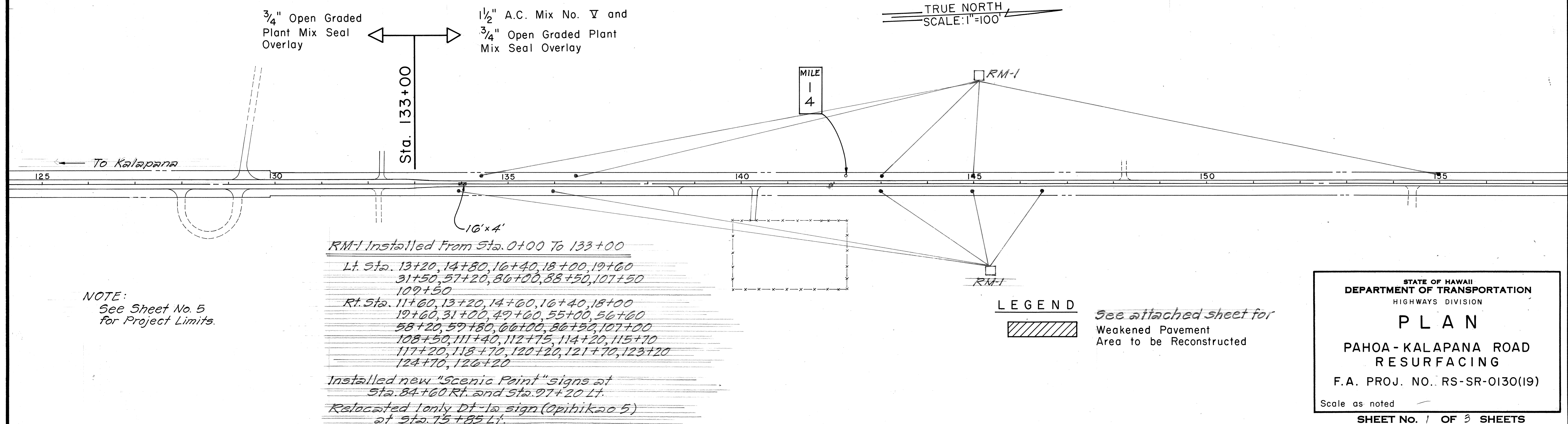
WEAKENED PAVEMENT AREAS

STATION	APPROX. SIZE	AREA SQ. FT.	STATION	APPROX. SIZE	AREA SQ. FT.
133+80	18 x 4	72.00	276+38	50 x 5.5	275.00
187+32	55 x 3	165.00	218+22	5 x 3	15.00
188+67	135.2 x 7	903.32	221+73	85 x 4.5	415.25
190+20	47 x 14	425.50	224+42	108 x 14	2325.75
192+89	47 x 3	141.00	231+25	75.7 x 6	501.20
193+43	22.5 x 4.5	101.25	248+44	60.7	526.40
196+50	87 x 6	343.93	263+77	60.45	270.00
197+55	5 x 5	25.00	267+95	74 x 3	222.00
200+18	59.2 x 6.5	353.00	277+00	13 x 5.25	68.25
203+08	51 x 5.5	280.50	277+12	23 x 11.5	264.50
203+64	53.1 x 5	244.68			
206+07	27.8 x 6	155.11			
206+47	7 x 4	28.00			
220+19	48 x 6.25	252.00			
220+85	15 x 4.5	67.50			
230+31	48 x 7.5	344.00			
233+55	14 x 10.5	147.00			
233+83	38 x 10	380.00			
237+35	17 x 6	100.75			
237+90	141 x 8	1036.00			
240+84	50 x 6	336.00			
241+80	158.5 x 11	1425.63			
243+70.5	18 x 6	108.00			
244+77	197 x 4	788.00			
245+22	200.4 x 8	1766.27			
247+00	150 x 4	600.00			
248+36	78 x 6	502.00			
249+38	33 x 10.5	346.50			
250+50	40 x 6	240.00			
259+00	140 x 5.5	785.50			
266+23	20 x 14.5	290.00			
266+43.1	84.7 x 3.5	297.15			
268+92	307.5 x 7	1917.50			
270+87	70 x 4	280.00			
272+00	40.2 x 7.5	301.50			
272+35	9 x 4.5	41.80			
272+62	100.5 x 10	1026.00			
273+55	84 x 6	546.00			
275+08	57 x 5	276.50			
275+75	22 x 4.5	99.00			

Locations and Dimensions are located in project quantity book.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-SR-0130(19)	1981	8	18

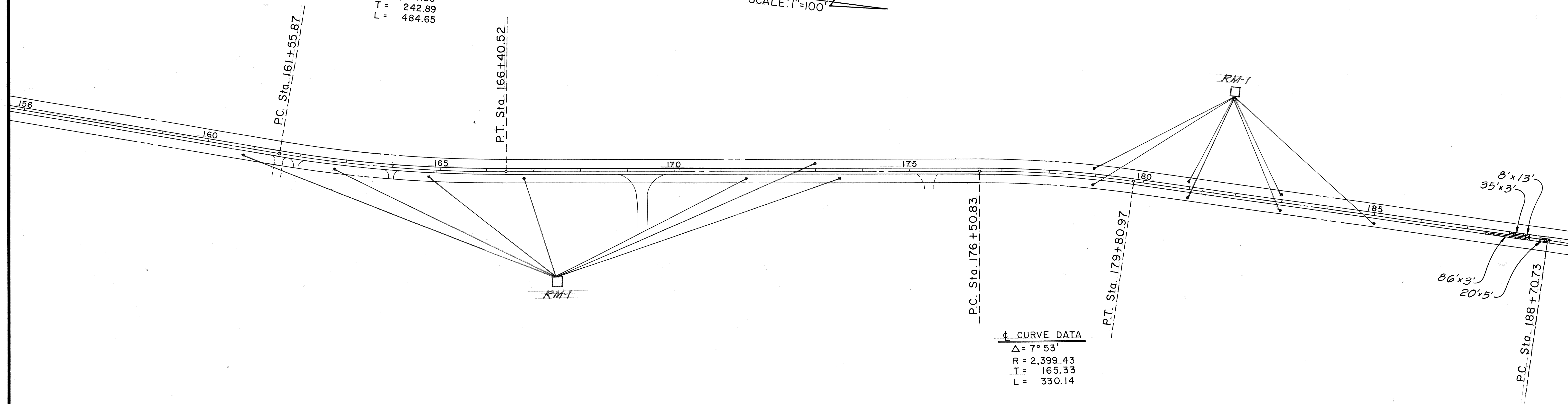
SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTE BOOK	
No.	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-SR-0130(19)	1981	9	18

CURVE DATA
 $\Delta = 9^\circ 35'$
 $R = 2,897.55$
 $T = 242.89$
 $L = 484.65$

TRUE NORTH
 SCALE: 1"=100'

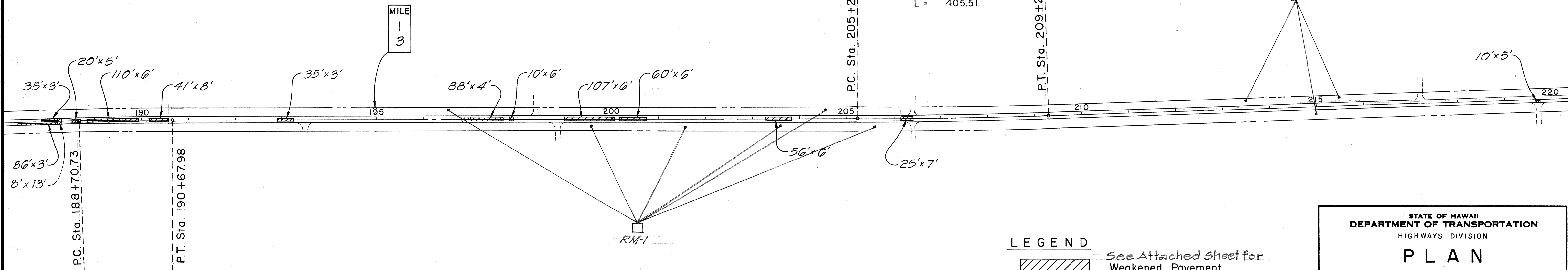


TRUE NORTH
 SCALE: 1"=100'

CURVE DATA
 $\Delta = 1^\circ 47'$
 $R = 13,028.33$
 $T = 202.77$
 $L = 405.51$

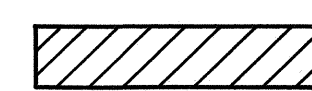
PC Sta. 205+24.01

PT Sta. 209+29.52



CURVE DATA
 $\Delta = 1^\circ 30'$
 $R = 7,535.00$
 $T = 98.63$
 $L = 197.25$

LEGEND



See Attached Sheet for
 Weakened Pavement
 Areas to be Reconstructed

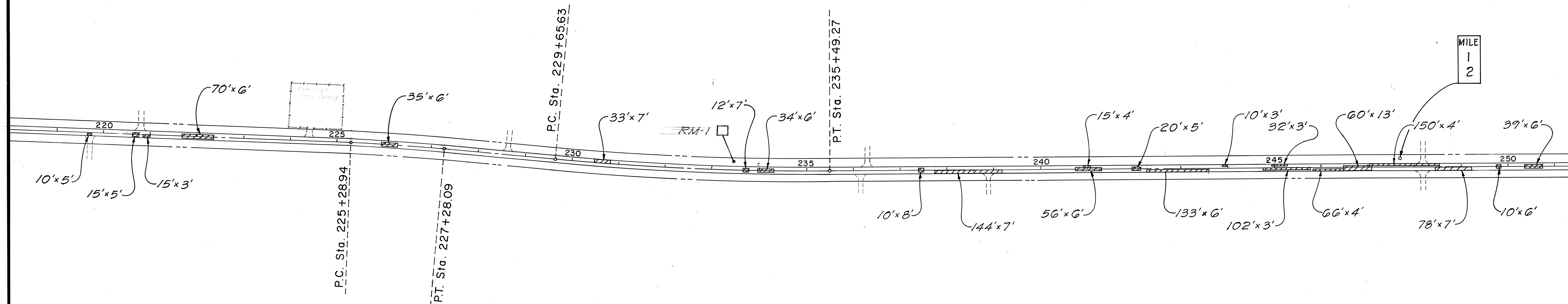
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PLAN
 PAHOA - KALAPANA ROAD
 RESURFACING
 F.A. PROJ. NO. RS-SR-0130(19)
 Scale as noted
 SHEET NO. 2 OF 3 SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-SR-0130(19)	1981	10	18

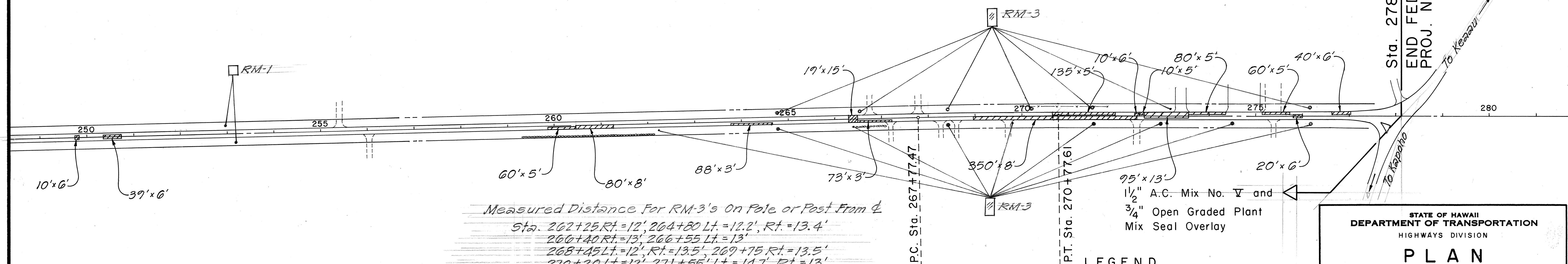
CURVE DATA
 $\Delta = 5^\circ 52'$
 $R = 5,700.00$
 $T = 292.07$
 $L = 583.64$

TRUE NORTH
 SCALE: 1"=100'



CURVE DATA
 $\Delta = 3^\circ 00'$
 $R = 38,035.74$
 $T = 99.60$
 $L = 199.15$

TRUE NORTH
 SCALE: 1"=100'



Measured Distance For RM-3's On Pole or Post From ϕ
 Sta. 262+25 Rt.=12', 264+80 Lt.=12.2', Rt.=13.4'
 266+40 Rt.=13', 266+55 Lt.=13'
 268+45 Lt.=12', Rt.=13.5', 269+75 Rt.=13.5'
 270+20 Lt.=12', 271+55 Lt.=14.7', Rt.=13'
 273+00 Rt.=13.3', 273+20 Lt.=12.7'
 274+60 Rt.=13.6', 276+20 Lt.=14.3', Rt.=14.4'

CURVE DATA
 $\Delta = 1^\circ 18'$
 $R = 13,228.62$
 $T = 150.08$
 $L = 300.15$

LEGEND



See Attached Sheets for
 Weakened Pavement
 Areas to be
 Reconstructed
 • RM-3 on Power Pole
 • RM-3 on Telephone Pole
 • RM-3 on Wooden Post

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PLAN
 PAHOA - KALAPANA ROAD
 RESURFACING
 F.A. PROJ. NO. RS-SR-0130(19)
 Scale as noted
 SHEET NO. 3 OF 3 SHEETS

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