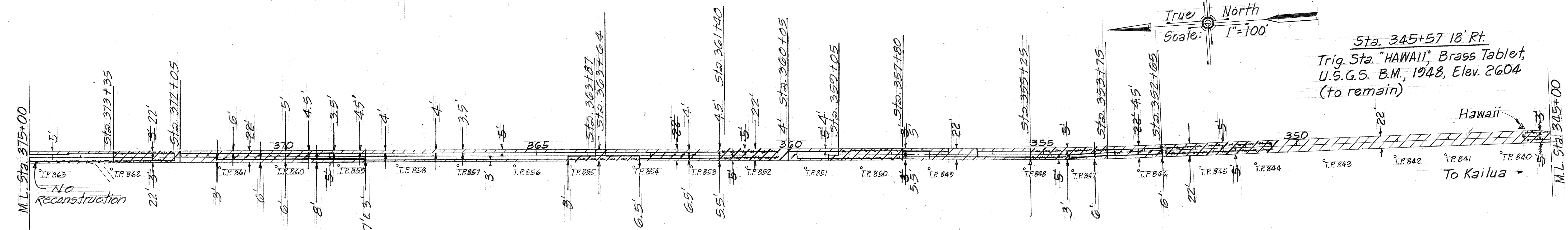
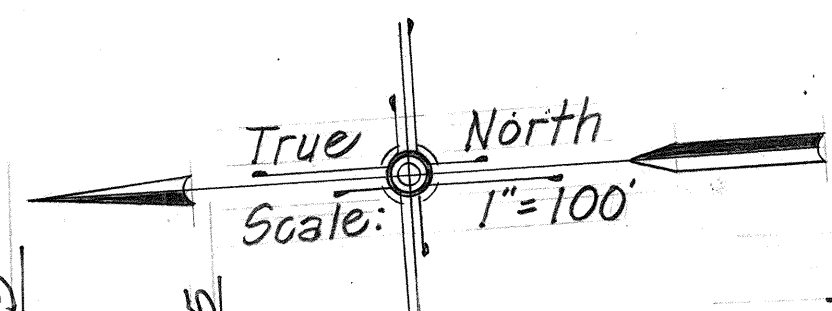
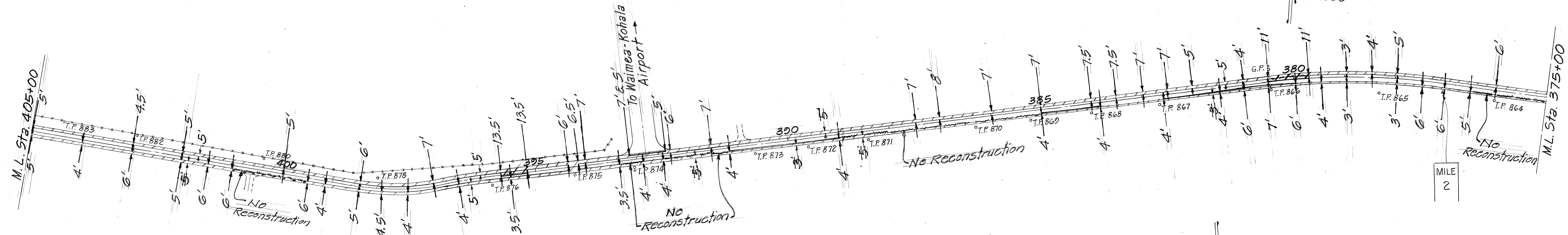
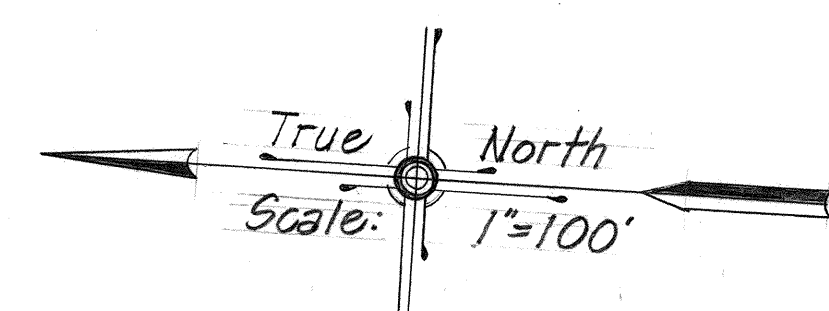
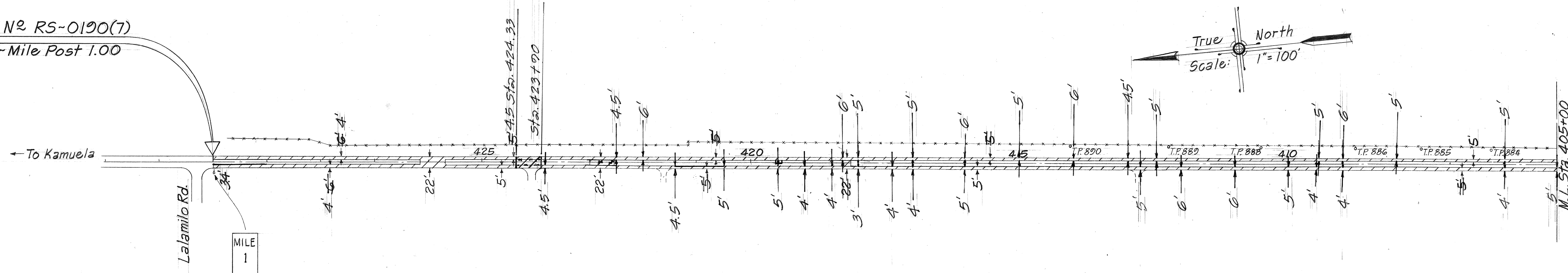
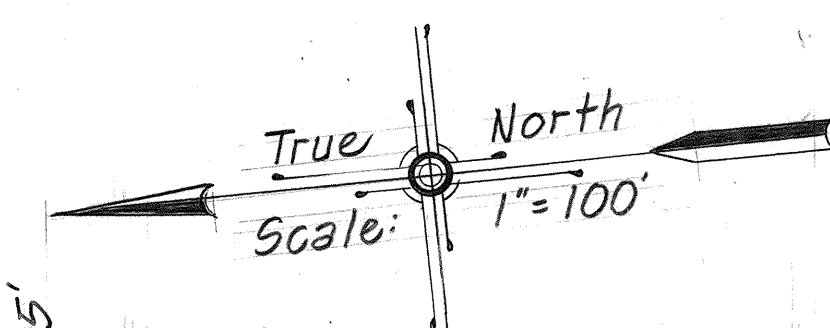


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0190(7)	1986	3	28

BEG. PROJECT N^o RS-0190(7)
Sta. 430+00 - Mile Post 1.00



Sta. 345+57 18' Rt.
Trig. Sta. "HAWAII", Brass Tablet,
U.S.G.S. B.M., 1948, Elev. 2604
(to remain)

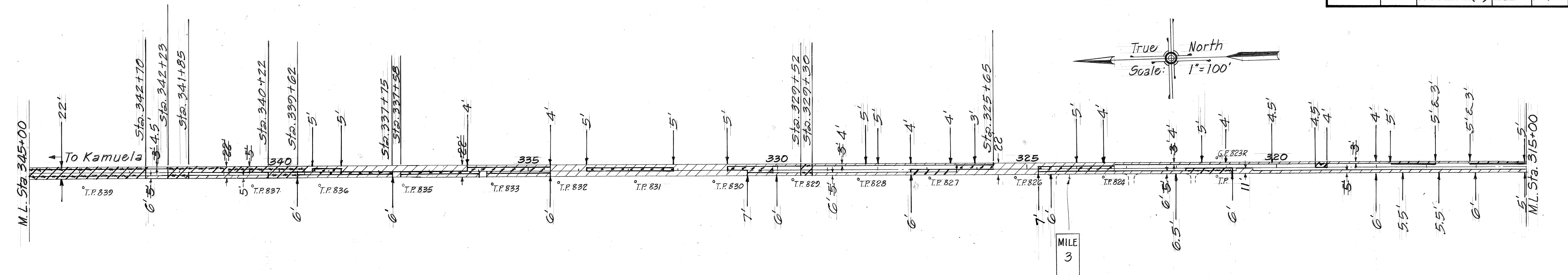
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

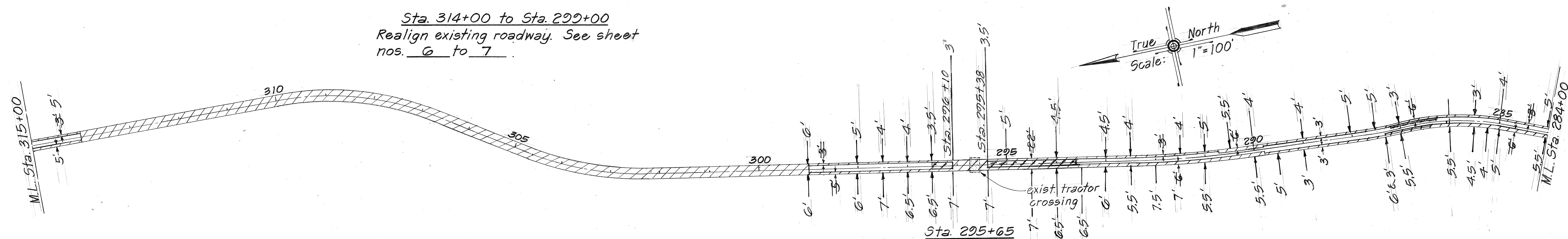
**GENERAL LAYOUT PLAN &
RECONSTRUCTION LOCATIONS**
MAMALAHOA HIGHWAY RESURFACING
WAIMEA TO KAMAKOHA BRIDGE NO. I
PROJECT N^o RS-0190(7)

Scale: As Noted Date: Feb. 1986
SHEET No. 1 OF 3 SHEETS

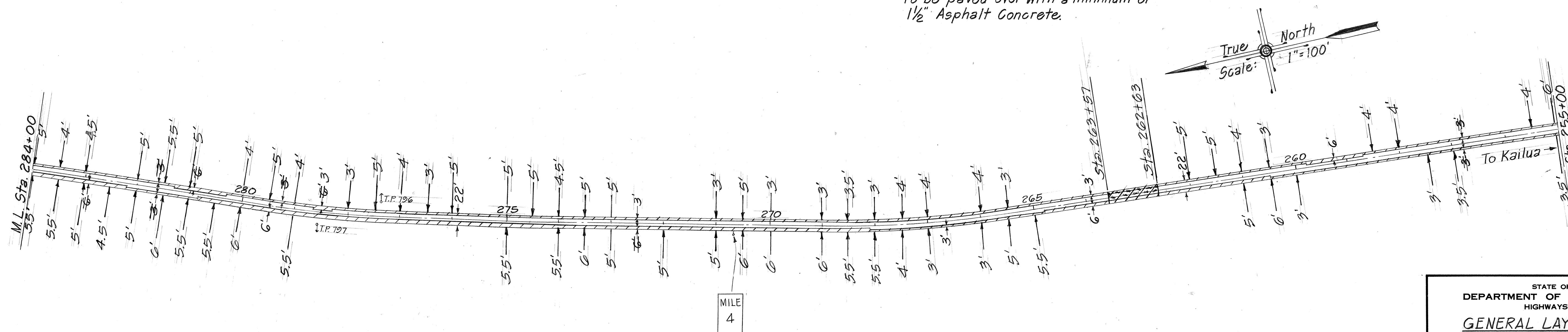
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0190(7)	1986	4	28



Sta. 314+00 to Sta. 299+00
Realign existing roadway. See sheet
nos. 6 to 7.



Sta. 295+65
Existing tractor crossing to remain and
to be paved over with a minimum of
1 1/2" Asphalt Concrete.



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL LAYOUT PLAN &
RECONSTRUCTION LOCATIONS

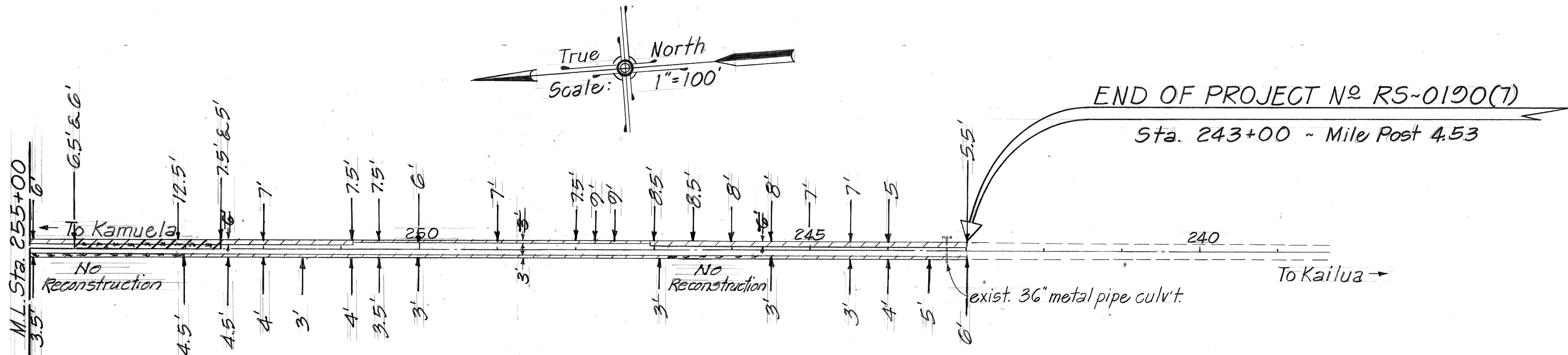
MAMALAHOA HIGHWAY RESURFACING
WAIMEA TO KAMAKOHA BRIDGE NO.1

PROJECT NO RS-0190(7)

Scale: As Noted Date: Feb. 1986

SHEET No. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0190(7)	1986	5	28



PAVEMENT RECONSTRUCTION SCHEDULE							
Station To Station	Length (Ft.)	Width (Ft.)	Offset From ± To Mid-Point (Ft.)			Left Lane Area (Ft. ²)	Right Lane Area (Ft. ²)
			Lt.	±	Rt.		
430+00-426+15 L/R	385	6	8.0		8.0	2,310	2,310
426+15-425+70	45	22					990
425+70-423+00 L/R	270	5	8.5		8.5	1,350	1,350
423+00-422+55	45	22					990
422+55-418+30 L/R	425	5	8.5		8.5	2,125	2,125
418+30-418+15	15	22					330
418+15-394+35 L/R	2,380	5	8.5		8.5	11,900	11,900
394+35-394+15	20	22					440
394+15-391+50 Lt.	265	5	8.5			1,325	
391+50-389+00 Lt.	250	3	9.5			750	
389+00-388+05 Lt.	95	5	8.5			475	
394+15-374+25 Rt.	1,990	5			8.5		9,950
374+25-372+15 Rt.	210	3			9.5		630
388+05-372+15 Lt.	1,590	3	9.5			4,770	
372+15-369+50	265	22					5,830
369+50-368+40 Lt.	110	5	8.5			550	
368+40-362+75 Lt.	565	3	9.5			1,695	
369+50-362+75 Rt.	675	5			8.5		3,375
362+75-361+80	95	22					2,090
361+80-360+25 L/R	155	5	8.5		8.5	775	775
360+25-359+85	40	22					880
359+85-358+80 Rt.	105	5			8.5		525
358+80-357+25 Rt.	155	3			9.5		465
359+85-357+25 Lt.	206	3	9.5			780	
357+25-356+30	95	22					2,090
356+30-353+60 L/R	270	5	8.5		8.5	1,350	1,350
353+60-352+55	105	22					2,310
352+55-350+50 L/R	205	5	8.5		8.5	1,025	1,025
350+50-345+50	500	22					11,000
345+50-341+10 Rt.	440	3			9.5		1,320
345+50-341+10 Lt.	440	5	8.5			2,200	
341+10-341+00	10	22					220
341+00-339+50 L/R	150	5	8.5		8.5	750	750
339+50-330+10	940	22					20,680
330+10-326+40 Rt.	370	3			9.5		1,110
330+10-326+40 Lt.	370	5	8.5			1,850	
326+40-323+25	315	22					6,930

PAVEMENT RECONSTRUCTION SCHEDULE							
Station To Station	Length (Ft.)	Width (Ft.)	Offset From ± To Mid-Point (Ft.)			Left Lane Area (Ft. ²)	Right Lane Area (Ft. ²)
			Lt.	±	Rt.		
323+25-320+80 Lt.	245	5	8.5			1,225	
320+80-320+50 Lt.	30	11	5.5			330	
323+25-314+00 Rt.	925	3			9.5		2,775
320+50-314+00 Lt.	650	6	8.0			3,900	
314+00-299+00		N E W			C O N S T R U C T I O N		
299+00-296+50 Rt.	250	3			9.5		750
299+00-296+50 Lt.	250	5	8.5			1,250	
296+50-295+75	75	22		0			1,650
295+55-293+60	195	22		0			4,290
293+60-290+70 Rt.	290	3			9.5		870
290+70-289+80 Rt.	90	6			8.0		540
293+60-289+80 Lt.	380	6	8.0			2,280	
289+80-287+20 Rt.	260	3			9.5		780
289+80-286+40 Lt.	340	3	9.5			1,020	
287+20-286+25 Rt.	95	6			8.0		570
286+40-282+20 Lt.	420	6	8.0			2,520	
286+25-281+30 Rt.	495	3			9.5		1,485
282+20-280+85 Lt.	135	3	9.5			405	
281+30-280+30 Rt.	100	6			8.0		660
280+30-278+65 Rt.	165	3			9.5		495
278+65-278+30 Rt.	35	6			8.0		210
280+85-267+10 Lt.	1,375	6	8.0			8,250	
267+10-264+80 Lt.	230	3	9.5			690	
264+80-260+50 Lt.	430	6	8.0			2,580	
278+30-259+80 Rt.	1,850	3			9.5		5,550
259+80-258+70 Rt.	110	6			8.0		600
258+20-253+05 Rt.	565	3			9.5		1,695
253+05-250+85 Rt.	220	6			8.0		1,320
250+85-247+05 Rt.	380	3			9.5		1,140
260+50-243+00 Lt.	1,750	3	9.5			5,250	
247+05-243+00 Rt.	405	6			8.0		2,430
TOTALS						65,680	60,720 60,830

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
NO.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LAYOUT PLAN, RECONSTRUCTION
LOCATIONS & SCHEDULE
MAMALAHOA HIGHWAY RESURFACING
WAIMEA TO KAMAKOHA BRIDGE NO.1
PROJECT NO RS-0190(7)

Scale: As Noted Date: Apr. 1986

SHEET No. 3 OF 3 SHEETS