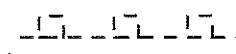
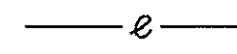
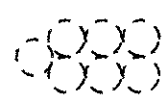
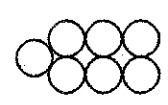
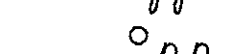
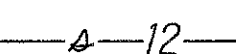
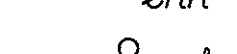
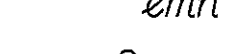
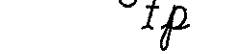
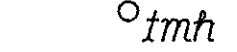
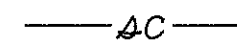
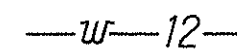
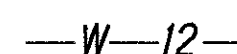
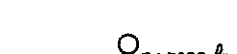
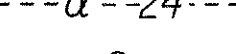
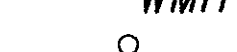
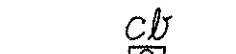
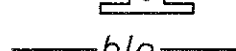
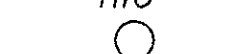
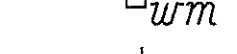
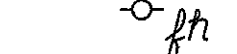
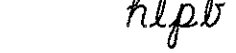
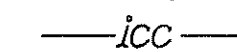
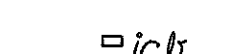
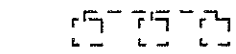
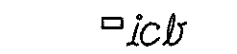
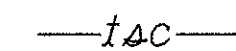
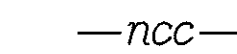
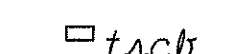
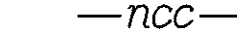
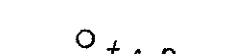
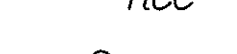
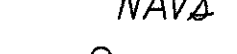
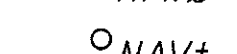
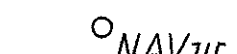
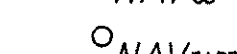


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	24	76

LEGEND

	Reconstruction Areas		New Guardrail
	Resurfacing Limits		Existing Guardrail
	Existing Electrical Line		Exist. Inertial Barrier (Sand Barrels)
	Existing Joint Pole		New Inertial Barrier (Sand Barrels)
	Existing Power Pole		New Inertial Barrier (GREAT)
	Existing Electric Handhole		Existing Sewer Line
	Existing Electric Manhole		Existing Sewer Manhole
	Existing Telephone Pole		Existing 6" Gas Line
	Existing Telephone Manhole		Existing Gas Valve
	Existing Signal Corps Line		Existing Gas Manhole
	Existing 12" Water Line		Existing Monument
	New 12" Water Line		Adjusted Monument
	Existing Water Manhole		Existing 24" Drain Line
	Adjusted Water MH Frame/Cover		Existing Storm Drain Manhole
	Existing Water Air Valve		Adjusted Storm Drain MH Frame/Cover
	Existing Water Valve		Existing Drop Inlet
	Adjusted Water Valve		Existing Catch Basin
	Existing Water Meter		Existing Highway Lighting Conduit
	Existing Fire Hydrant		Existing Highway Lighting Standard
	Existing Irrigation Controller Conduit		Existing Highway Lighting Pull Box
	Existing Irrigation Control Box		Adjusted Highway Lighting Pull Box
	Existing Navy Communication Cable		Existing Loop Detectors
	Existing Navy Electric Manhole		Existing Traffic Signal Conduit
	Existing Navy Joint Manhole		Existing Traffic Signal Control Box
	Existing Navy Sewer Manhole		Existing Traffic Signal Pole
	Existing Navy Telephone Manhole		Existing Traffic Signal Pullbox
	Existing Navy Water Manhole		Existing Traffic Sign
	Existing Navy Water Valve		
	Adjusted Navy Water Manhole		
	Adjusted Navy Water Valve		
	Existing Navy Electric Line		
	Existing Navy Joint Line		
	Existing Navy Sewer Line		
	Existing Navy Telephone Line		
	Existing Navy Water Line		
	Existing Army Communication Cable		
	Existing Air Force Water Valve		
	Adjusted Air Force Water Manhole		
	Adjusted Air Force Water Valve		
	Existing Air Force Water Line		
	Existing Fuel Line		
	Adjusted Non-Potable Water Manhole		
	Adjusted Non-Potable Water Valve		

LEGEND FOR AS-BUILT POSTINGS

	Squiggly line for as-built deletion
	Double line for as-built deletion
	"X" for as-built deletion
Roadway	Text for as-built posting

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LEGEND

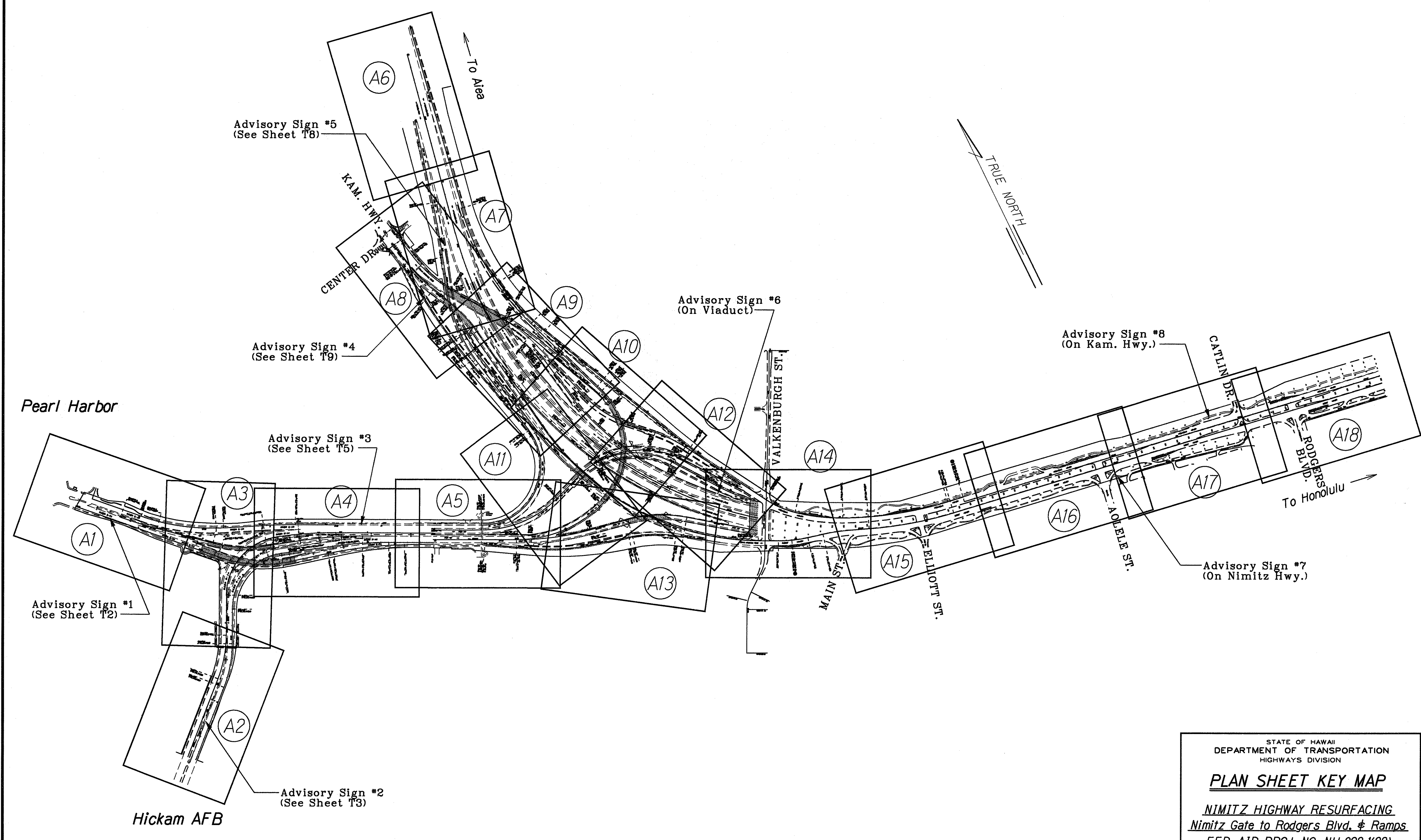
NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: As Shown

Date: May, 1994

SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	25	76

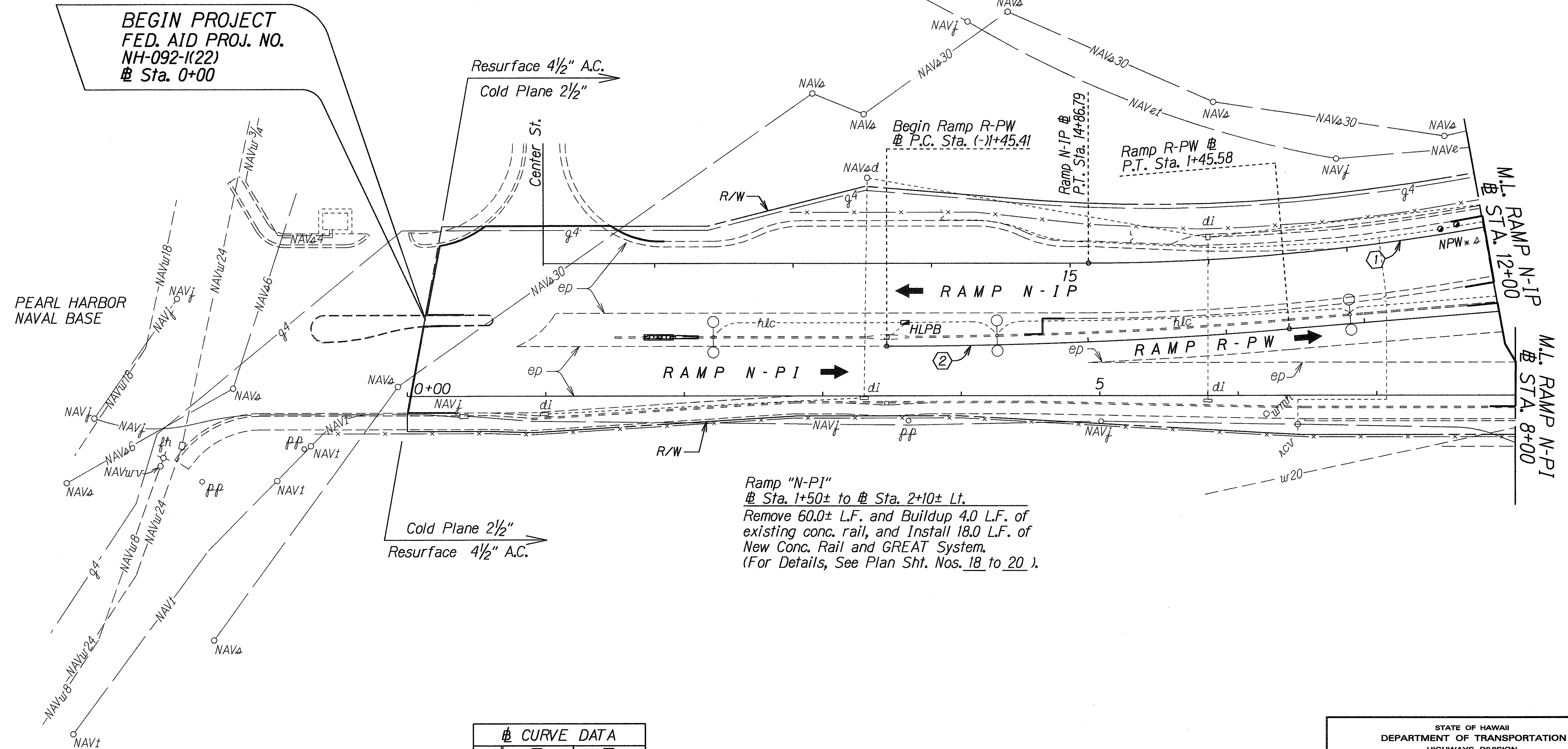


ORIGINAL PLAN	DATE
DESIGNED BY	6/20/94
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLAN SHEET KEY MAP
NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)
Scale: 1"= 600' Date: May, 1994
SHEET No. 1 OF 1 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	26	76



Ramp "N-PI"
 @ Sta. 1+50± to @ Sta. 2+10± Lt.
 Remove 60.0± L.F. and Buildup 4.0 L.F. of
 existing conc. rail, and Install 18.0 L.F. of
 New Conc. Rail and GREAT System.
 (For Details, See Plan Sht. Nos. 18 to 20).

CURVE DATA		
	①	②
Δ	22°45'00"	4°45'49"
R	1600.00'	3500.00'
T	321.89'	145.58'
Lc	635.30'	290.99'
C	631.13'	290.91'
S.E.	.044 ft/ft	.015 ft/ft

SURVEY PLOTTED BY	DATE
DRAWN BY	4/2/94
TRACED BY	
NOTES BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN

NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

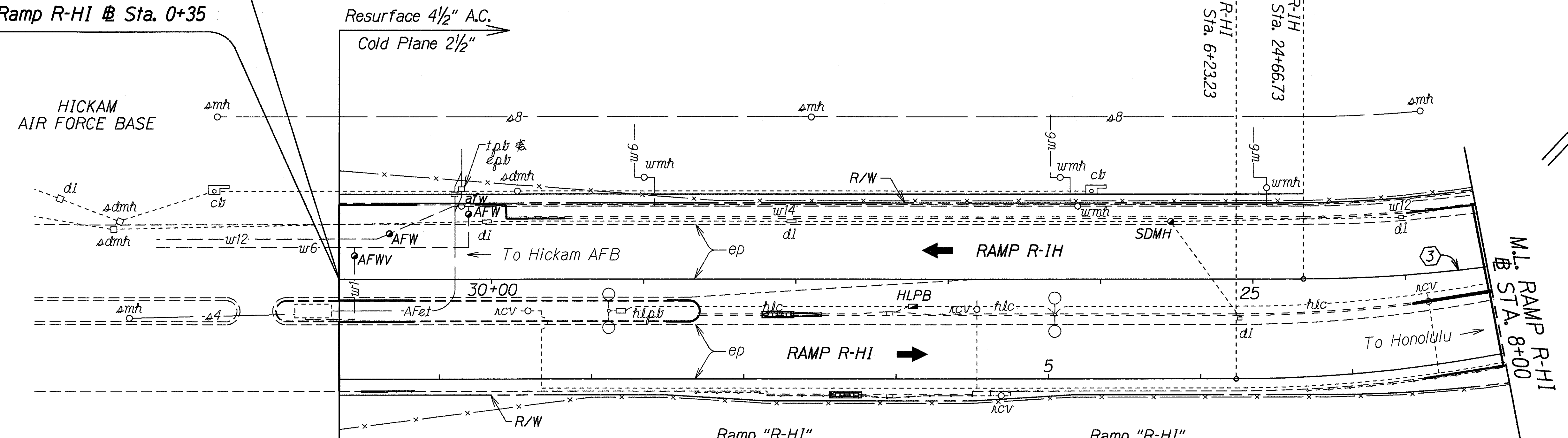
Scale: 1" = 40' Date: May, 1994

SHEET No. 26 OF 18 SHEETS

(SEE SHEET NO. A3)

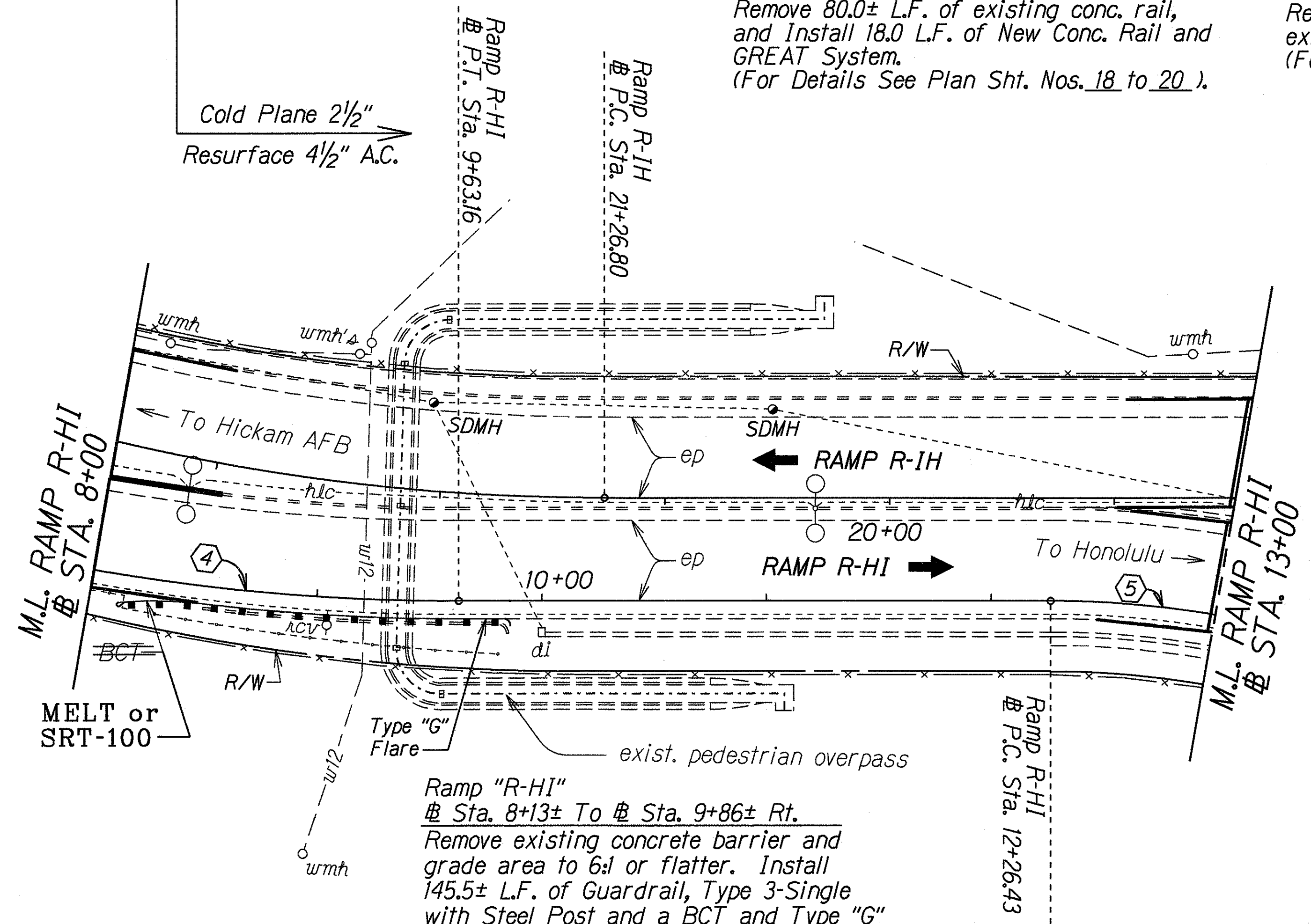
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	27	76

PROJECT LIMITS
 RAMP R-IH @ Sta. 31+00
 Ramp R-HI @ Sta. 0+35



Ramp "R-HI"
 @ Sta. 2+75± to @ Sta. 3+55± Lt.
 Remove 80.0± L.F. of existing conc. rail,
 and Install 18.0 L.F. of New Conc. Rail and
 GREAT System.
 (For Details See Plan Sht. Nos. 18 to 20).

Ramp "R-HI"
 @ Sta. 3+15.1± to @ Sta. 3+77.1± Lt.
 Remove 62.0± L.F. and Buildup 20.0± L.F. of
 existing conc. rail, and Install GREAT System.
 (For Details See Plan Sht. Nos. 18 to 20).



Ramp "R-HI"
 @ Sta. 8+13± To @ Sta. 9+86± Rt.
 Remove existing concrete barrier and
 grade area to 6:1 or flatter. Install
 145.5± L.F. of Guardrail, Type 3-Single
 with Steel Post and a BCT and Type "G"
 Flare. Removal of existing concrete
 barrier and grading shall be considered
 incidental to Item No. 606.3110.

	CURVE DATA		
	③	④	⑤
Δ	20°48'30"	20°48'30"	8°52'00"
R	936.00'	936.00'	430.00'
T	171.86'	171.86'	372.92'
Lc	339.93'	339.93'	614.40'
C	338.07'	338.07'	563.46'
S.E.	.063 ft/ft	.063 ft/ft	.08 ft/ft

DESIGNED BY	DATE
DRIVEN BY	6/11/97
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN

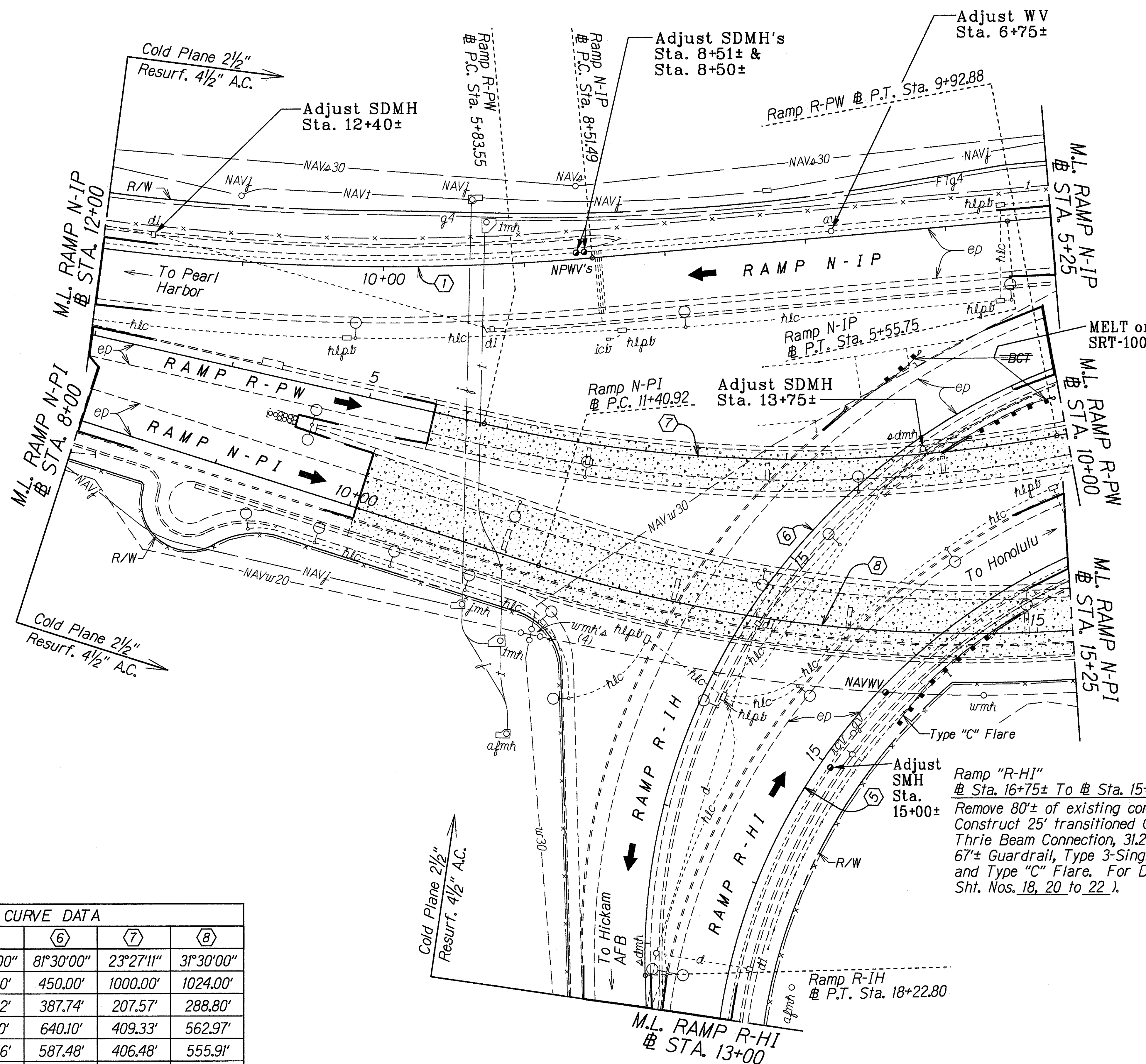
NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1" = 40' Date: May, 1994
 SHEET No. A2 OF 18 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	28	76

(SEE SHEET NO. A1)



Ramp "R-IH"
Sta. 13+65± To # Sta. 12+77± Lt.
Remove 80'± of existing concrete structure.
Construct 25' transitioned Concrete Rail with
Thrie Beam Connection, 31.25' Thrie Beam,
12.5' Guardrail, Type 3-Single with Steel Post
and a BCT. For Details see Plan Sheet
Nos. 18, 20 to 22).

Ramp "R-IH"
Sta. 14+31± To # Sta. 13+43± Rt.
Remove 81'± of existing concrete structure.
Construct 25' transitioned Concrete Rail with
Thrie Beam Connection, 31.25' Thrie Beam,
12.5' Guardrail, Type 3-Single with Steel Post
and a BCT. For Details see Plan Sheet
Nos. 18, 20 to 22).

Ramp "R-HI"
Sta. 16+75± To # Sta. 15+57± Rt.
Remove 80'± of existing concrete structure.
Construct 25' transitioned Concrete Rail with
Thrie Beam Connection, 31.25' Thrie Beam,
67'± Guardrail, Type 3-Single with Steel Post
and Type "C" Flare. For Details see Plan
Sht. Nos. 18, 20 to 22).

# CURVE DATA					
	①	⑤	⑥	⑦	⑧
Δ	22°45'00"	81°52'00"	81°30'00"	23°27'11"	31°30'00"
R	1600.00'	430.00'	450.00'	1000.00'	1024.00'
T	321.89'	372.92'	387.74'	207.57'	288.80'
Lc	635.30'	614.40'	640.10'	409.33'	562.97'
C	631.13'	563.46'	587.48'	406.48'	555.91'
S.E.	.044 ft/ft	.08 ft/ft	.08 ft/ft	.06 ft/ft	.06 ft/ft

(SEE SHEET NO. A2)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. # Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1"= 40'
Date: May, 1994
SHEET No. A3 OF 18 SHEETS

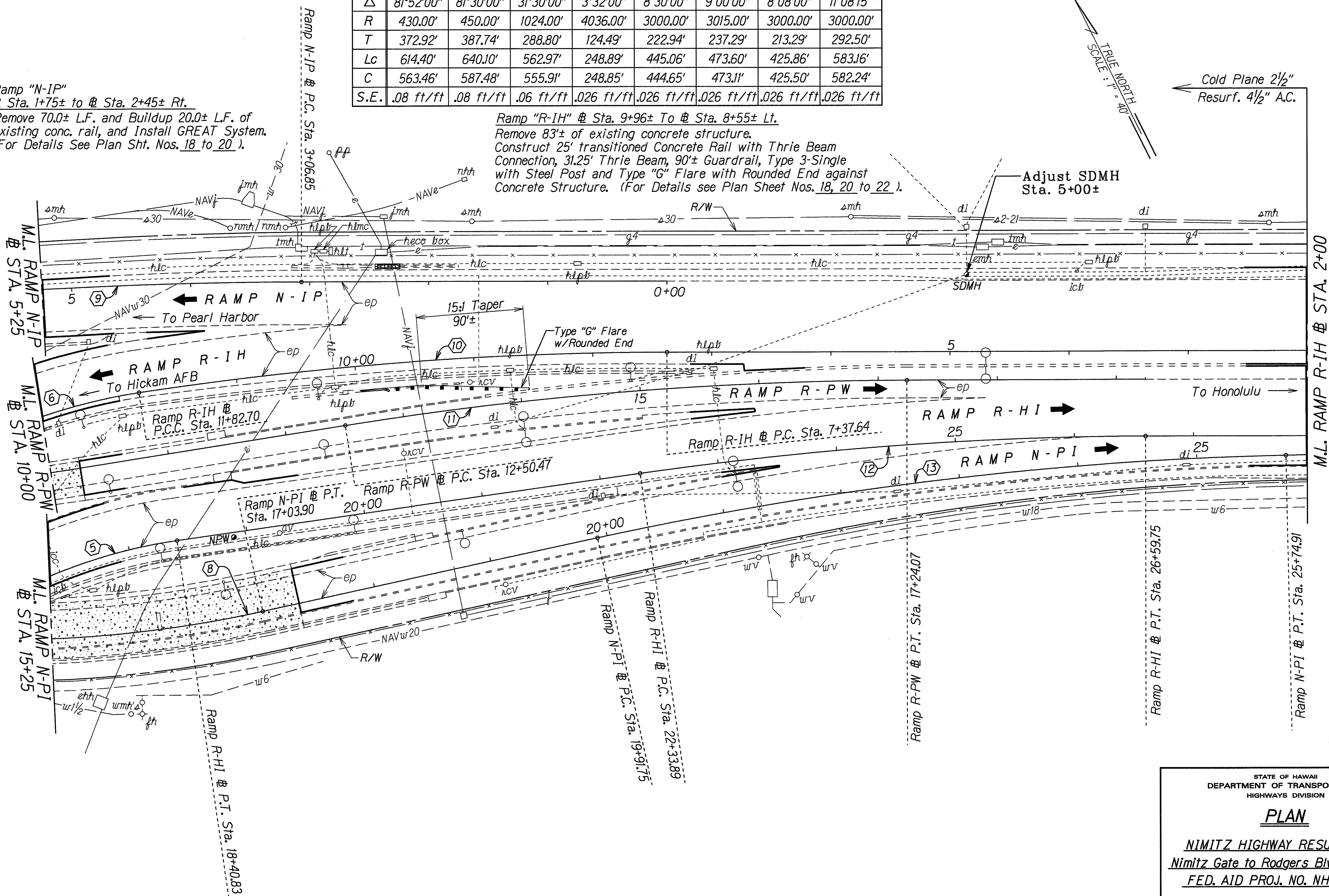
"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	29	76

CURVE DATA								
	5	6	8	9	10	11	12	13
Δ	81°52'00"	81°30'00"	31°30'00"	3°32'00"	8°30'00"	9°00'00"	8°08'00"	11°08'15"
R	430.00'	450.00'	1024.00'	4036.00'	3000.00'	3015.00'	3000.00'	3000.00'
T	372.92'	387.74'	288.80'	124.49'	222.94'	237.29'	213.29'	292.50'
Lc	614.40'	640.10'	562.97'	248.89'	445.06'	473.60'	425.86'	583.16'
C	563.46'	587.48'	555.91'	248.85'	444.65'	473.11'	425.50'	582.24'
S.E.	.08 ft/ft	.08 ft/ft	.06 ft/ft	.026 ft/ft	.026 ft/ft	.026 ft/ft	.026 ft/ft	.026 ft/ft

Ramp "N-IP"
 @ Sta. 1+75± to @ Sta. 2+45± Rt.
 Remove 70.0± L.F. and Buildup 20.0± L.F. of
 existing conc. rail, and Install GREAT System.
 (For Details See Plan Sht. Nos. 18 to 20).

Ramp "R-IH" @ Sta. 9+96± To @ Sta. 8+55± Lt.
 Remove 83'± of existing concrete structure.
 Construct 25' transitioned Concrete Rail with Thrie Beam
 Connection, 31.25' Thrie Beam, 90'± Guardrail, Type 3-Single
 with Steel Post and Type "G" Flare with Rounded End against
 Concrete Structure. (For Details see Plan Sheet Nos. 18, 20 to 22).



DATE	5/17/94
SURVEY PLOTTED BY	M. H. H.
DRAWN BY	M. H. H.
DESIGNED BY	M. H. H.
CHECKED BY	M. H. H.
ORIGINAL PLAN	NOTE: WORK DONE BY M. H. H.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN
 NIMITZ HIGHWAY RESURFACING
 Nimitz Gate to Rodgers Blvd. & Ramps
 FED. AID PROJ. NO. NH-092-1(22)

Scale: 1"= 40'
 Date: May, 1994
 SHEET No. A4 OF 18 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	30	76

Ramp "WN"
Cold Plane
Shldr. Taper

Ramp "WN"
Resurf. 2" A.C.

Ramp "EN"	
$\frac{1}{4}$ P.C. Sta. 3+64.32 $\frac{1}{4}$ o/s=36.0' (L.) =	
End Ramp "WN"	
$\frac{1}{4}$ P.T. Sta. 35+60.75	

exist.
pedestrian
overpass

Ramp "NW"
Sta. 51+22.91
o/s=35' (Rt.)=
Begin Ramp "NS"
Sta. 0+00

Ramp "NE"
to Sta. 1+38± to Sta. 2+63± Rt.
Remove 62.75± L.F. of existing
guardrail and Install 62.75± L.F. of
New Guardrail, Type 3-Single with
Steel Posts and BCT.

Ramp "NS"
Cold Plane 3 1/2"
Resurface 5 1/2" A.C.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN
NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1" = 40' Date: May, 1994

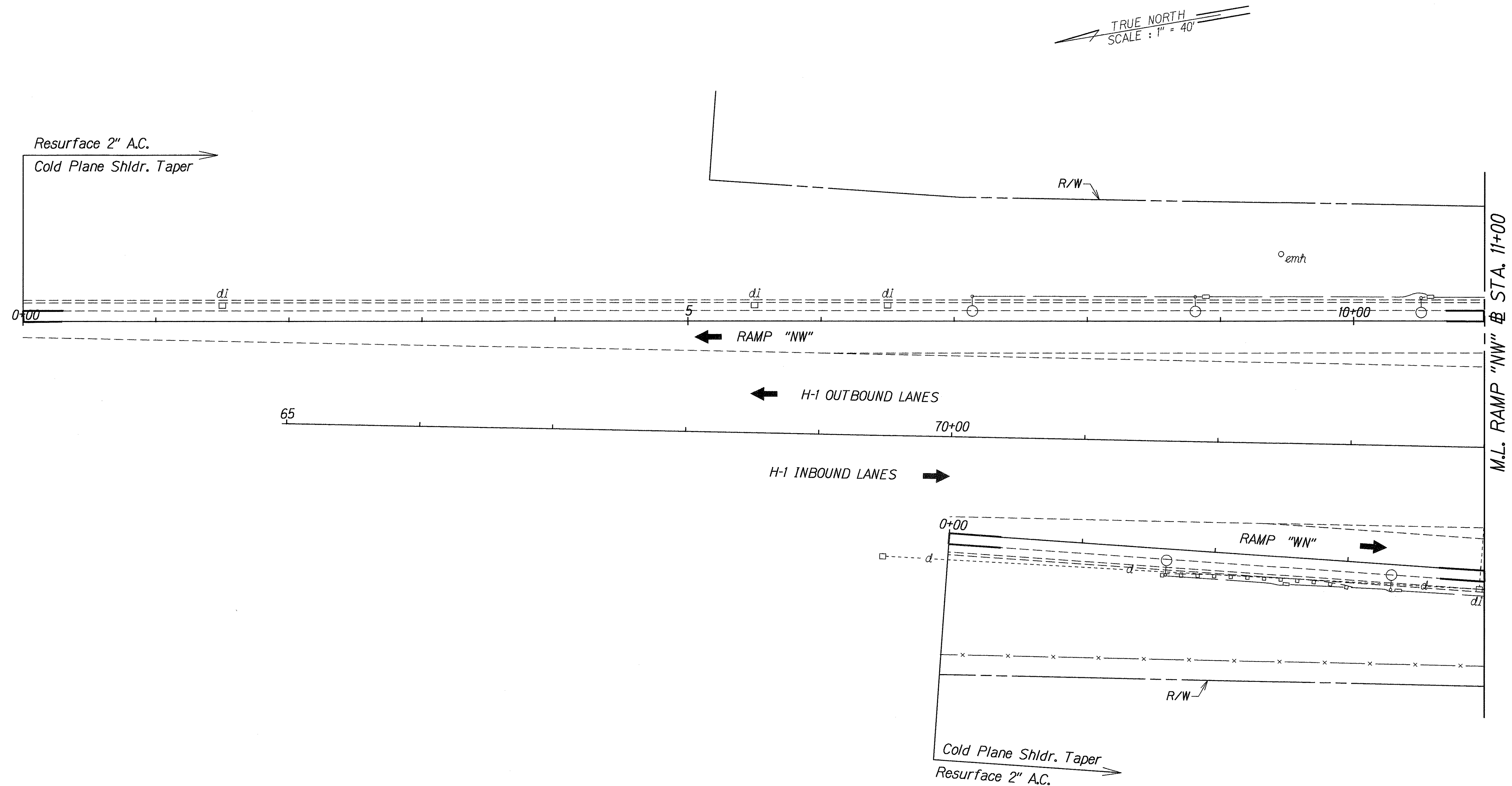
SHEET No. A5 OF 18 SHEETS

(SEE SHEET NO. A11)

"AS-BUILT"

30

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	31	76



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
dd3/mpe	L. M. M. M. M.	4/2/94
NE/mj/psd	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

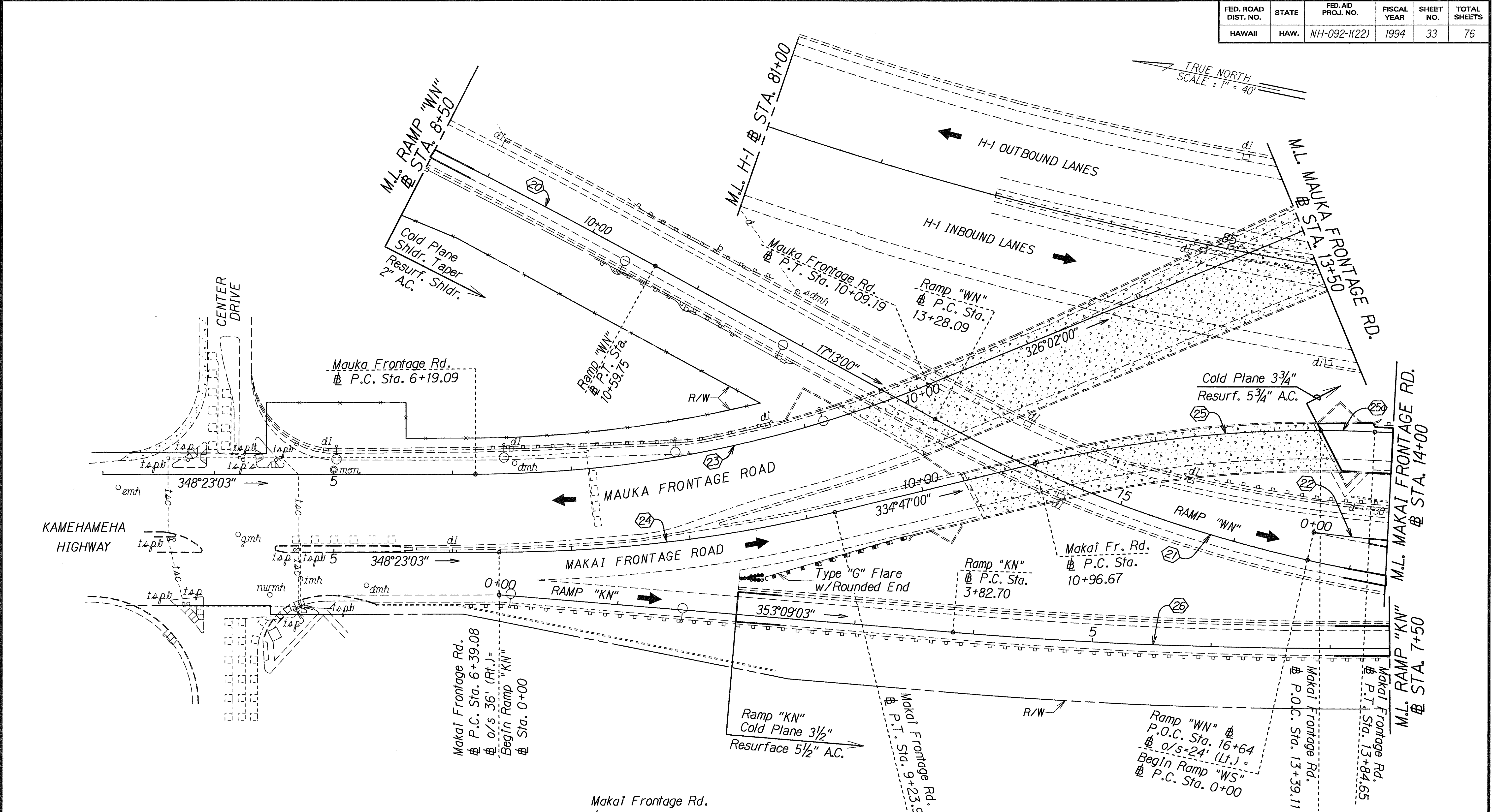
PLAN

NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1" = 40' Date: May, 1994

SHEET No. A6 OF 18 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	33	76



CURVE DATA								
	20	21	22	23	24	25	25a	26
Δ	3°28'00"	16°01'55"	7°43'26"	22°21'03"	13°36'03"	13°53'27"	2°36'33"	7°13'03"
R	7000.00'	1200.00'	1200.00'	1000.00'	1200.00'	1000.00'	1000.00'	4000.00'
T	211.83'	168.99'	81.00'	197.56'	143.10'	121.82'	22.77'	252.27'
Lc	423.53'	335.77'	161.77'	390.10'	284.86'	242.44'	45.54'	503.88'
C	423.47'	334.68'	161.65'	387.63'	284.19'	241.85'	45.53'	503.54'
S.E.		.053 ft/ft	.053 ft/ft	.05 ft/ft	.035 ft/ft	.05 ft/ft	.05 ft/ft	.02 ft/ft

Makai Frontage Rd.
Sta. 8+50± to 9+75± Rt.
Remove 75± L.F. of existing guardrail
and Install 12.5± L.F. of New Guardrail,
Type 3-Double Nested with Steel Posts
(For Detail, See Plan Sheet No. 15); 112.5±
L.F. of New Guardrail, Type 3-Single with
Steel Posts with Type "G" Flare; and Inertial
Barrier (For Details, See Plan Sheet No. 16).

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1"= 40'
Date: May, 1994

SHEET No. A8 OF 18 SHEETS

ORIGINAL PLAN	DATE	4/23/94
SURVEY PLOTTED BY	DESIGNED BY	J. Ha
TRACED BY	CHECKED BY	N. [Signature]
NOTE BOOK	QUANTITIES BY	
	CHECKED BY	

CURVE DATA (27)	
Δ	15°39'30"
R	1878.75'
T	258.33'
Lc	513.44'
C	511.85'
S.E.	.037 ft/ft

CURVE DATA	
Δ	12°23'00"
R	1000.00'
T	108.49'
Lc	216.13'
C	215.71'
S.E.	.06 ft/ft

Ramp "NK"
Sta. 1+05± to Sta. 1+18± Lt.

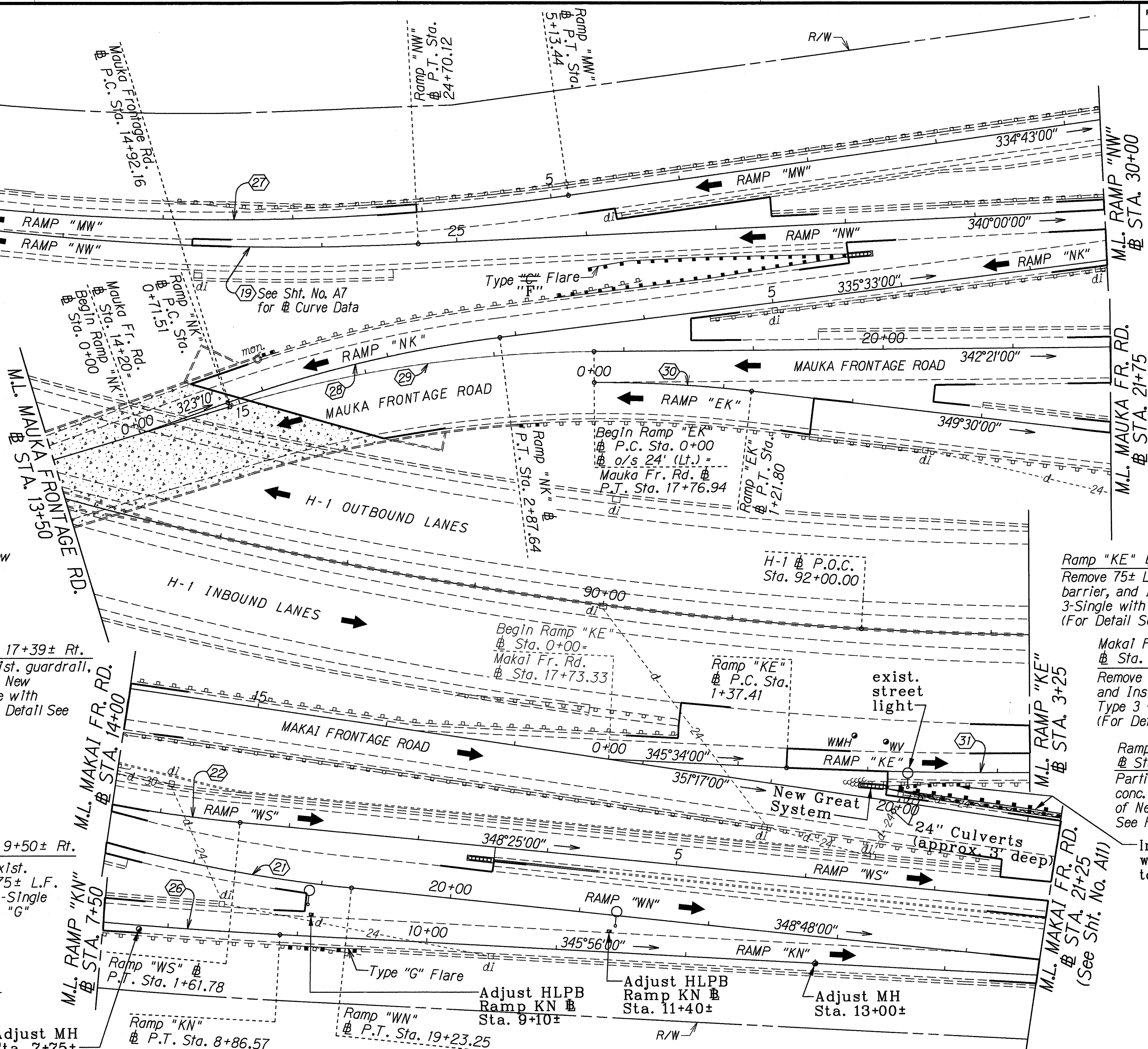
Remove 12.5± L.F. of exist. guardrail, and Install 12.5± L.F. of New Type 3-Double Nested Guardrail w/Steel Posts (For Detail See Plan Sht. No. 15).

Mauka Frontage Rd.
Sta. 17+20± to Sta. 17+39± Rt.
Remove 18.75± L.F. of exist. guardrail, and Install 18.75± L.F. of New Guardrail, Type 3 - Single with Rubrail on Steel Posts (For Detail See Plan Sht. No. 15).

Ramp "KN"
Sta. 8+87± to Sta. 9+50± Rt.
Remove 62.75± L.F. of exist. guardrail, and Install 62.75± L.F. of New Guardrail, Type 3-Single with Steel Posts with Type "G" Flare.

See Sht. No. A8 for Curve Data

Adjust MH Sta. 7+75±



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	34	76

TRUE NORTH
SCALE: 1" = 40'

Ramp "NW"
Sta. 26+00± to Sta. 28+19± Rt.
Install 219± L.F. of New Guardrail, Type 3-Single w/Steel Posts w/Type "G" Flare and GREAT System. (For Detail See Plan Sheet No. 16).

Ramp "NK"
Sta. 3+37± to Sta. 5+81± Lt.
Remove 62.75± L.F. of exist. guardrail, and Install 244± L.F. of New Guardrail, Type 3-Single w/Steel Posts and GREAT System. (For Detail See Plan Sheet No. 16).

CURVE DATA	
Δ	7°09'00"
R	976.00'
T	60.98'
Lc	121.80'
C	121.72'

Ramp "KE" Sta. 1+80± to Sta. 2+75± Rt.
Remove 75± L.F. of existing guardrail and inertial barrier, and Install 60± L.F. of New Guardrail, Type 3-Single with Steel Posts and GREAT System (For Detail See Plan Sheet No. 17).

Makai Frontage Rd.
Sta. 19+55± to Sta. 23+13± Lt.
Remove 62.75 L.F. of existing guardrail, and Install 323.75 L.F. of New Guardrail, Type 3 - Single with Steel Posts. (For Detail see Plan Sheet No. 17).

Ramp "WN"
Sta. 20+30± to Sta. 21+10± Lt.
Partially Remove 80.3± L.F. of existing conc. barrier and Reconstruct 80.3± L.F. of New Conc. Barrier. (For Details See Plan Sht. No. 18 to 20).

Install New Guardrail, Type 3-Single w/Steel Posts further into the median to avoid damaging exist. 24" culvert

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

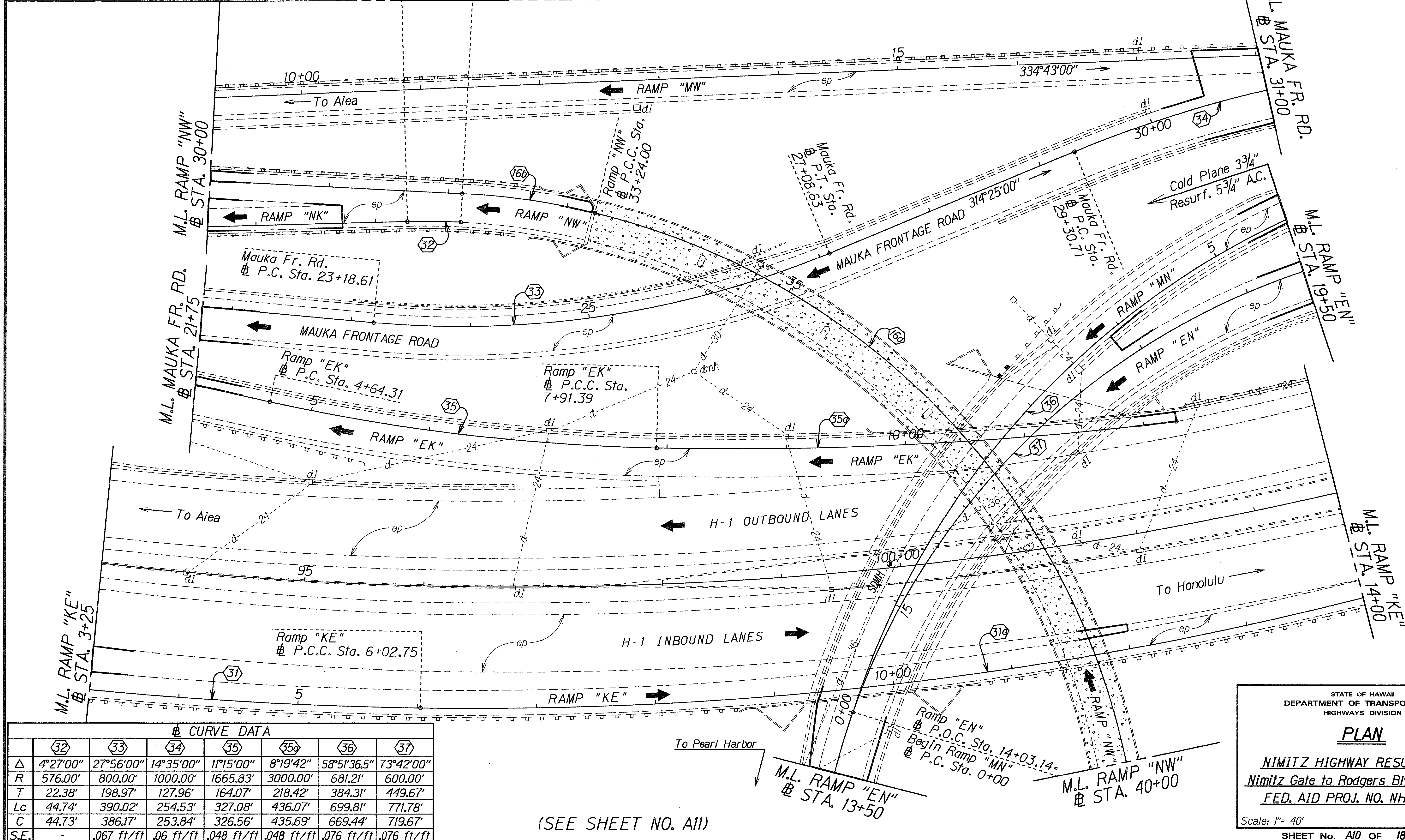
NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1" = 40'
Date: May, 1994
SHEET No. A9 OF 18 SHEETS

"AS-BUILT"

CURVE DATA				
	(66)	(66)	(31)	(31)
Δ	78°14'30"	10°45'30"	7°35'00"	15°46'35"
R	600.00'	600.00'	3515.87'	3000.00'
T	487.97'	56.50'	233.01'	415.65'
Lc	819.35'	112.66'	465.34'	826.05'
C	757.15'	112.50'	465.00'	823.44'
S.E.	.08 ft/ft	.08 ft/ft	.048 ft/ft	.048 ft/ft

Diagram illustrating a survey line with a bearing of 40° and a scale of $1'' = 40'$. A right-angle symbol is shown at the end of the line, labeled R/W .



# CURVE DATA							
	(32)	(33)	(34)	(35)	(35)	(36)	(37)
Δ	4°27'00"	27°56'00"	14°35'00"	11°15'00"	8°19'42"	58°51'36.5"	73°42'00"
R	576.00'	800.00'	1000.00'	1665.83'	3000.00'	681.21'	600.00'
T	22.38'	198.97'	127.96'	164.07'	218.42'	384.31'	449.67'
Lc	44.74'	390.02'	254.53'	327.08'	436.07'	699.81'	771.78'
C	44.73'	386.17'	253.84'	326.56'	435.69'	669.44'	719.67'
S.E.	-	.067 ft/ft	.06 ft/ft	.048 ft/ft	.048 ft/ft	.076 ft/ft	.076 ft/ft

(SEE SHEET NO. A11)

(SEE SHEET NO. A12)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

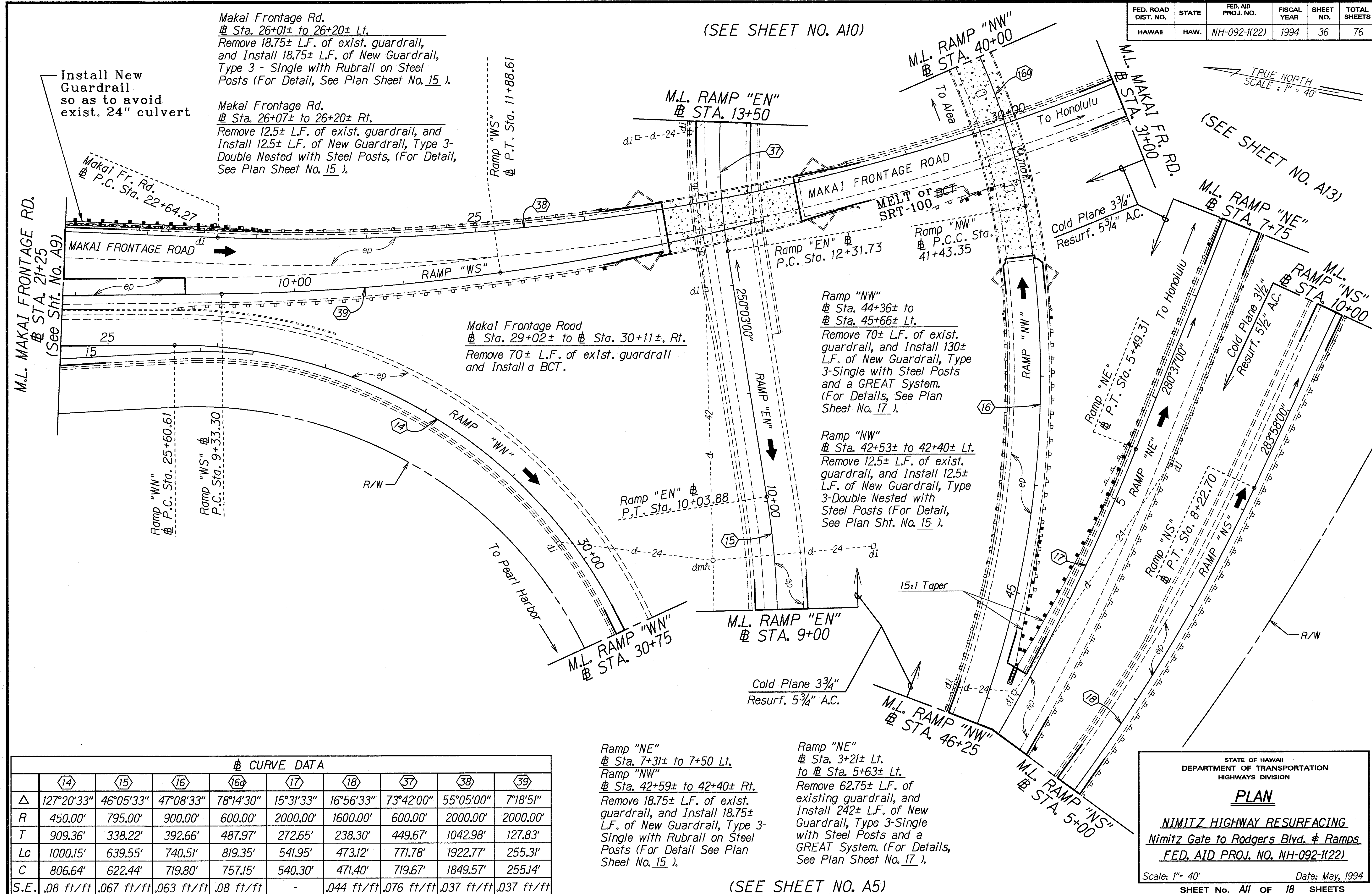
PLAN

NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1"= 40' Date: May, 1994

SHEET No. *A10* OF *18* SHEETS

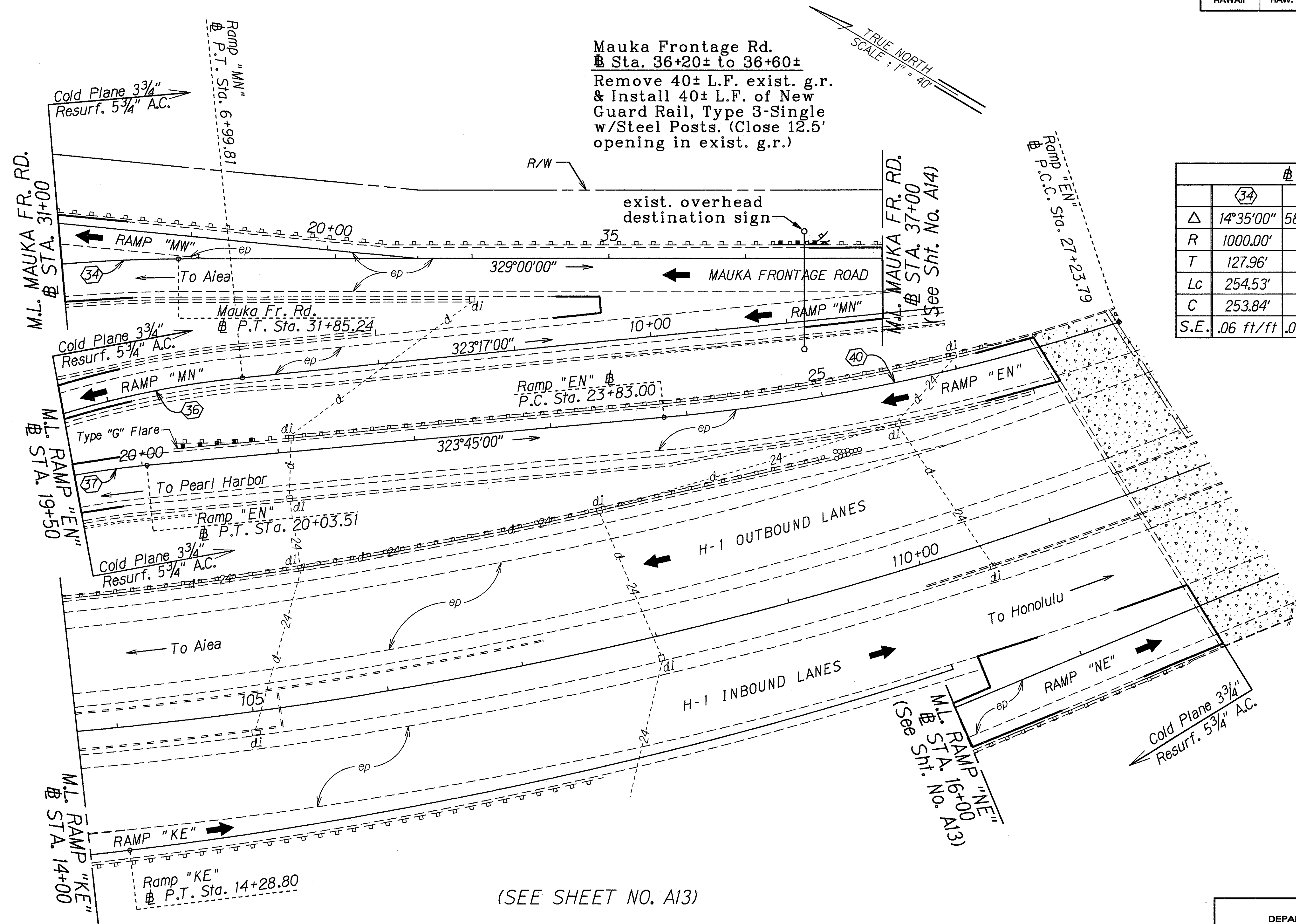
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	36	76



"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	37	76

(SEE SHEET NO. A10)



CURVE DATA				
	34	36	37	40
Δ	14°35'00"	58°51'36.5"	73°42'00"	13°08'00"
R	1000.00'	681.21'	600.00'	1486.78'
T	127.96'	384.31'	449.67'	171.15'
Lc	254.53'	699.81'	771.78'	340.80'
C	253.84'	669.44'	719.67'	340.05'
S.E.	.06 ft/ft	.076 ft/ft	.076 ft/ft	.048 ft/ft

(SEE SHEET NO. A13)

Ramp "EN"
Sta. 20+25± to Sta. 20+88± Lt.
Remove 62.75± L.F. of existing guardrail
and Install 62.75± L.F. of New Guardrail,
Type 3-Single with Steel Posts and with
Type "G" Flare.

DATE	07/27/94
SURVEY PLOTTED BY	MM
DRAWN BY	MM
DESIGNED BY	MM
CHECKED BY	MM
ORIGINAL PLAN	MM
NOTE BOOK	MM
QUANTITIES BY	MM
CHECKED BY	MM

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. # Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1"= 40' Date: May, 1994

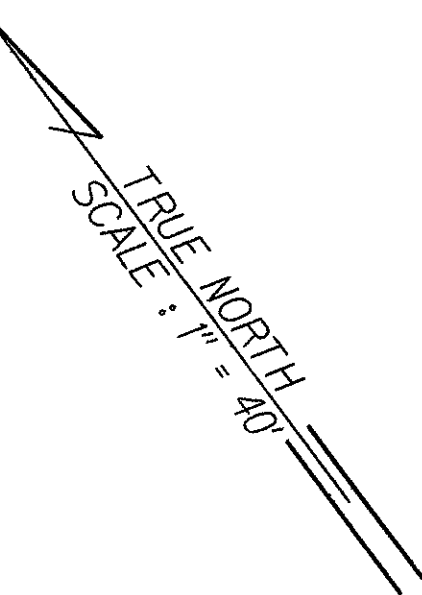
SHEET No. A12 OF 18 SHEETS

"AS-BUILT"

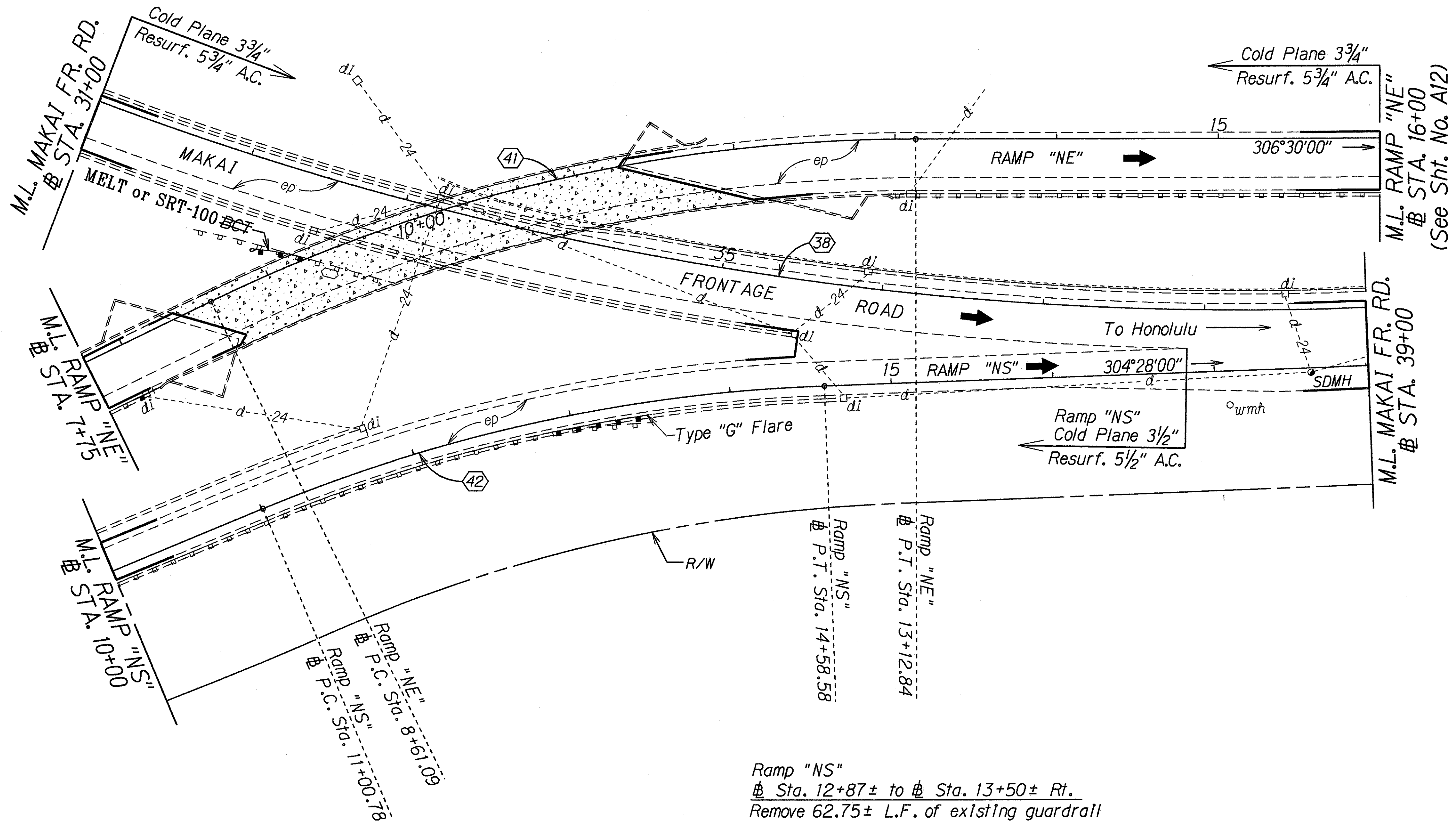
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	38	76

Makai Frontage Road
 Sta. 31+76± to Sta. 33+05± Rt.
 Remove 80± L.F. of existing guardrail
 and Install a BCT.

(SEE SHEET NO. A12)



(SEE SHEET NO. A11)



Ramp "NS"
 Sta. 12+87± to Sta. 13+50± Rt.
 Remove 62.75± L.F. of existing guardrail
 and Install 62.75± L.F. of New Guardrail,
 Type 3-Single with Steel Posts with
 Type "G" Flare.

Ramp "NE"
 Sta. 7+91± to Sta. 8+10± Rt.
 Remove 18.75± L.F. of existing
 guardrail and Install 18.75± L.F.
 of New Guardrail, Type 3-Single
 with Rubrail on Steel Posts.
 (For Detail see Plan Sheet No. 15.)

CURVE DATA				
	38	41	42	
Δ	55°05'00"	25°53'00"	20°30'00"	
R	2000.00'	1000.00'	1000.00'	
T	1042.98'	229.80'	180.83'	
Lc	1922.77'	451.75'	357.79'	
C	1849.57'	447.92'	355.89'	
S.E.	.037 ft/ft	.06 ft/ft	.06 ft/ft	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN

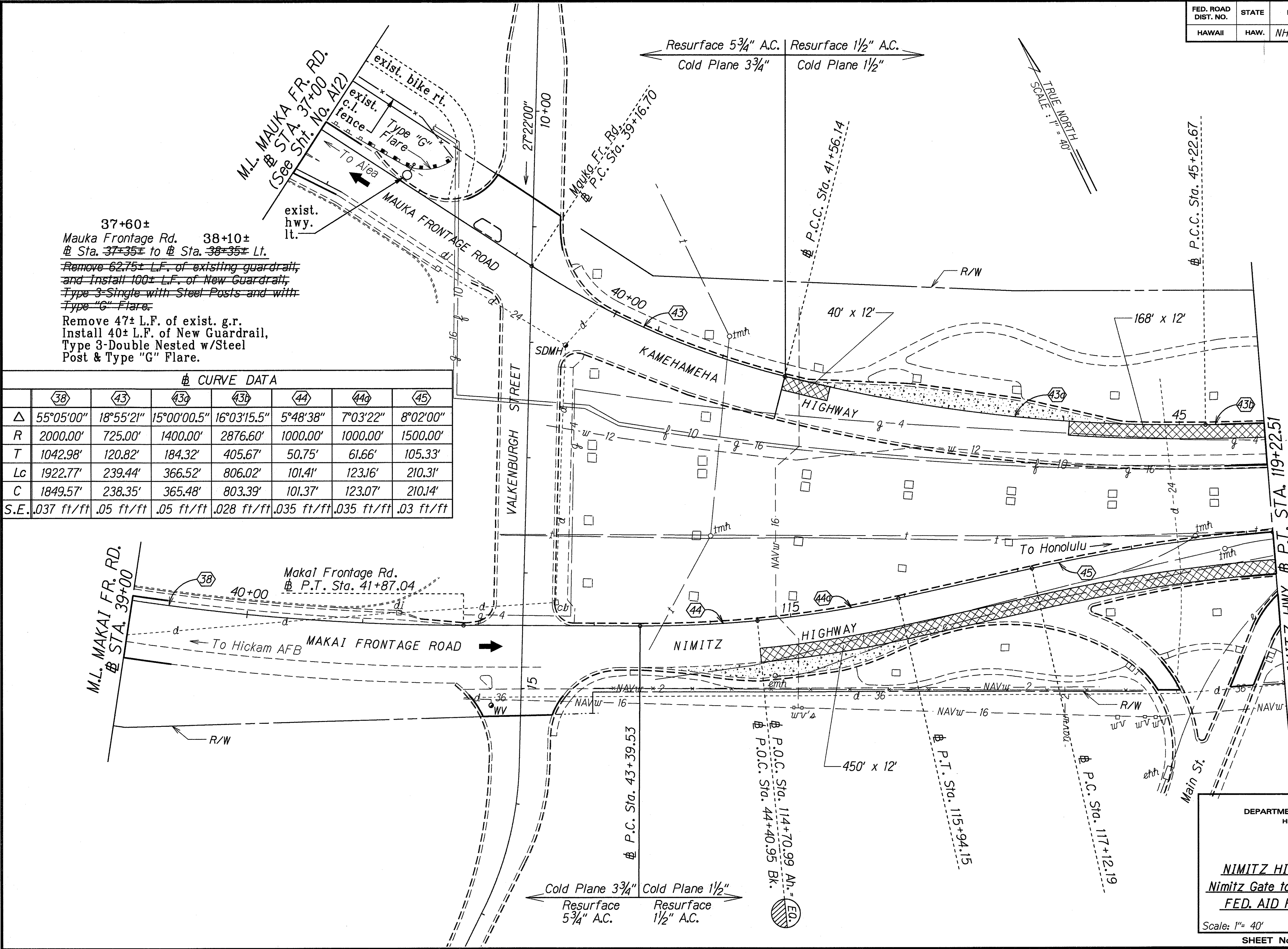
NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1" = 40' Date: May, 1994

SHEET No. A13 OF 18 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	39	76



37+60±
Mauka Frontage Rd. 38+10±
Sta. 37+35± to Sta. 38+35± Lt.
Remove 62.75± L.F. of existing guardrail,
and install 100± L.F. of New Guardrail,
Type 3-Single with Steel Posts and with
Type "G" Flare.
Remove 47± L.F. of exist. g.r.
Install 40± L.F. of New Guardrail,
Type 3-Double Nested w/Steel
Post & Type "G" Flare.

CURVE DATA							
	38	43	43a	43b	44	44a	45
Δ	55°05'00"	18°55'21"	15°00'00.5"	16°03'15.5"	5°48'38"	7°03'22"	8°02'00"
R	2000.00'	725.00'	1400.00'	2876.60'	1000.00'	1000.00'	1500.00'
T	1042.98'	120.82'	184.32'	405.67'	50.75'	61.66'	105.33'
Lc	1922.77'	239.44'	366.52'	806.02'	101.41'	123.16'	210.31'
C	1849.57'	238.35'	365.48'	803.39'	101.37'	123.07'	210.14'
S.E.	.037 ft/ft	.05 ft/ft	.05 ft/ft	.028 ft/ft	.035 ft/ft	.035 ft/ft	.03 ft/ft

ORIGINAL PLAN	DATE	7/18/94
SURVEY PLOTTED BY		
DRAWN BY		
DESIGNED BY		
CHECKED BY		
APPROVED BY		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

NIMITZ HIGHWAY RESURFACING

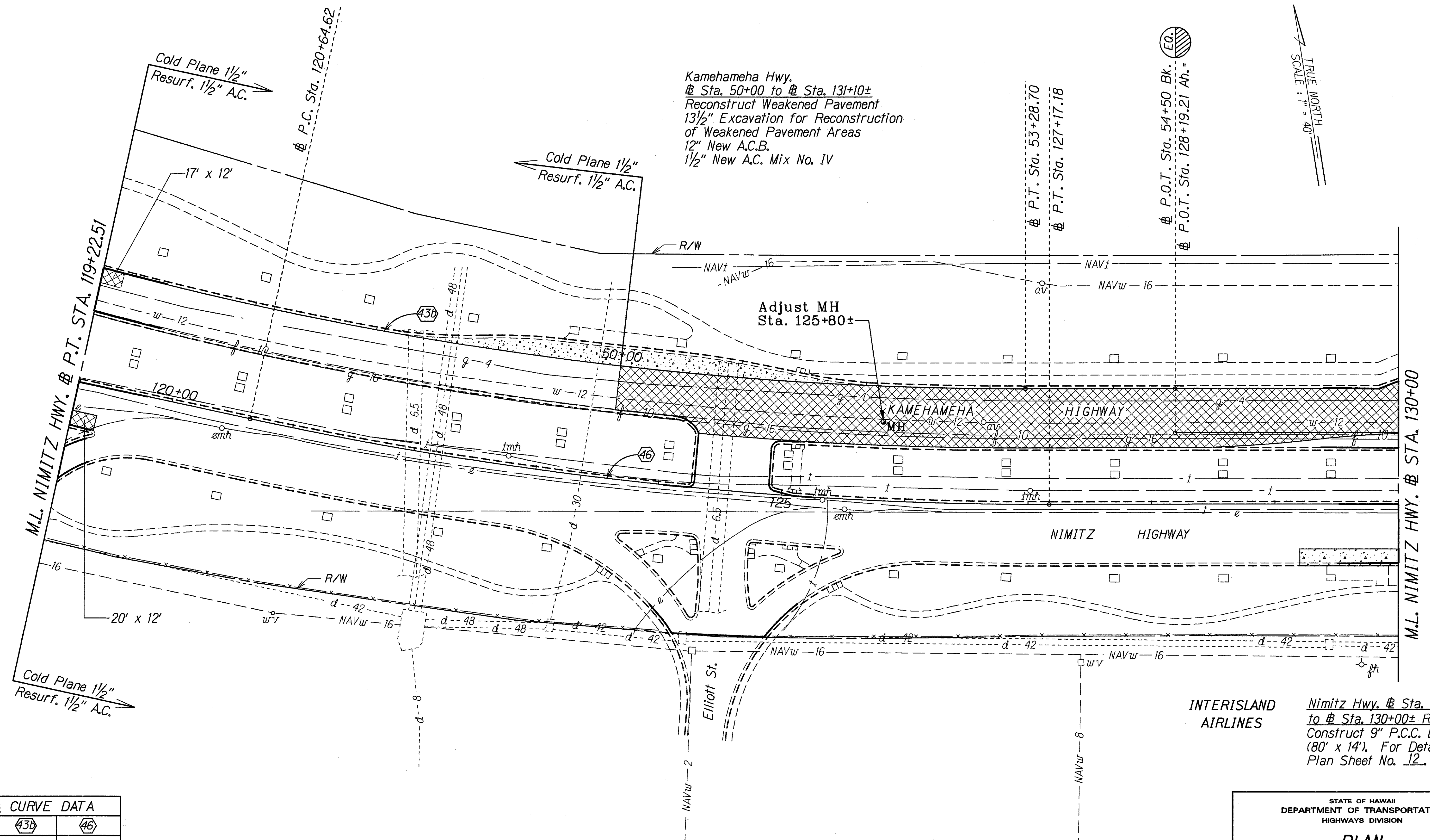
Nimitz Gate to Rodgers Blvd. & Ramps

FED. AID PROJ. NO. NH-092-1(22)

Scale: 1"= 40'
Date: May, 1994

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	40	76



# CURVE DATA		
	(43b)	(46)
Δ	16°03'15.5"	12°20'37"
R	2876.60'	3029.00'
T	405.67'	327.55'
Lc	806.02'	652.56'
C	803.39'	651.30'
S.E.	.028 ft/ft	.026 ft/ft

INTERISLAND AIRLINES
Nimitz Hwy. Sta. 129+20± to Sta. 130+00± Rt.
Construct 9' P.C.C. Bus Pad (80' x 14'). For Details see Plan Sheet No. 12.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. # Ramps
FED. AID PROJ. NO. NH-092-1(22)

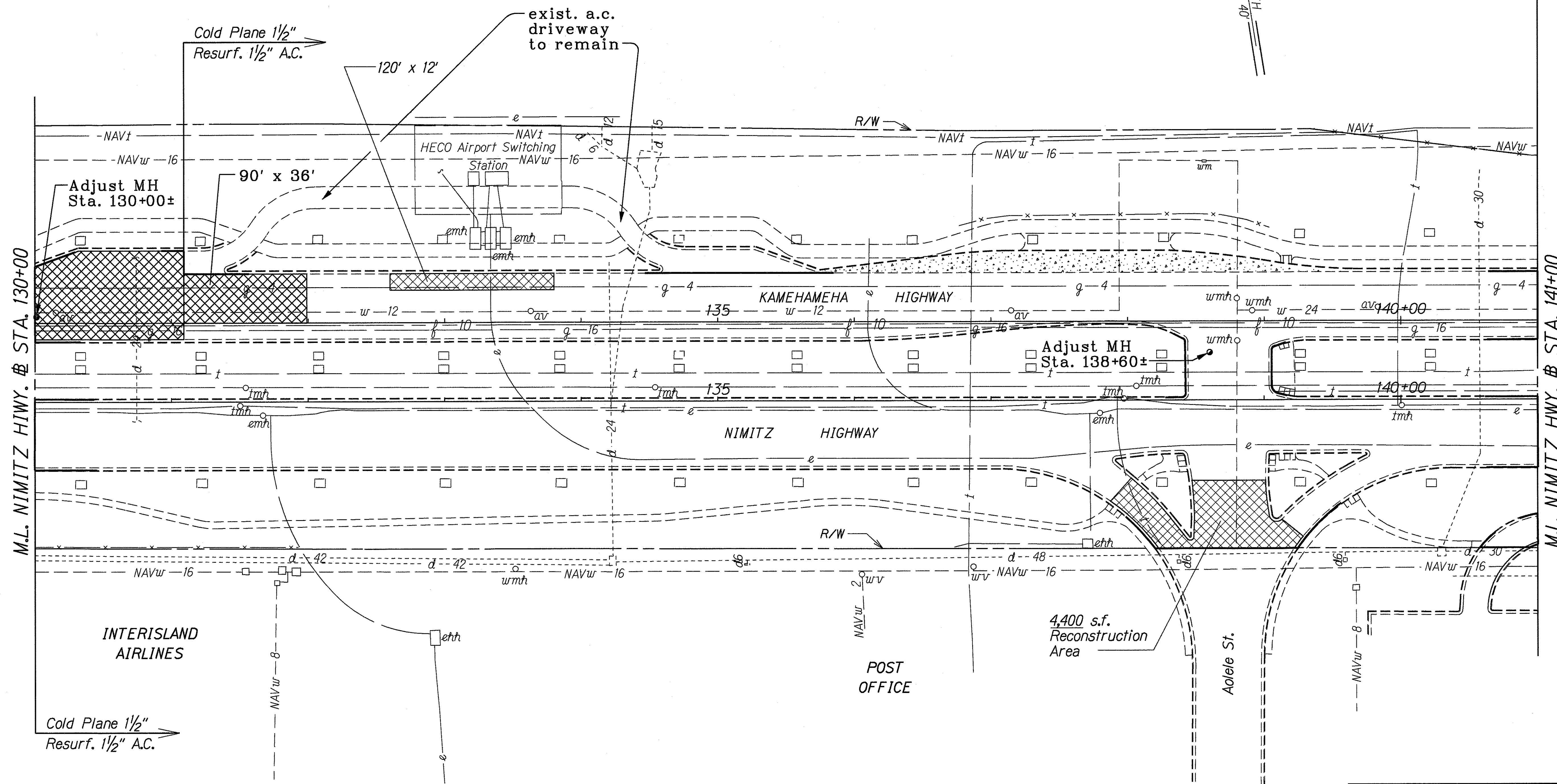
Scale: 1" = 40' Date: May, 1994

SHEET No. A/5 OF 18 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	41	76

TRUE NORTH
SCALE: 1" = 40'



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	5/18/94
dd3/ym	DESIGNED BY	
dd3/ym	QUANTITIES BY	
dd3/ym	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

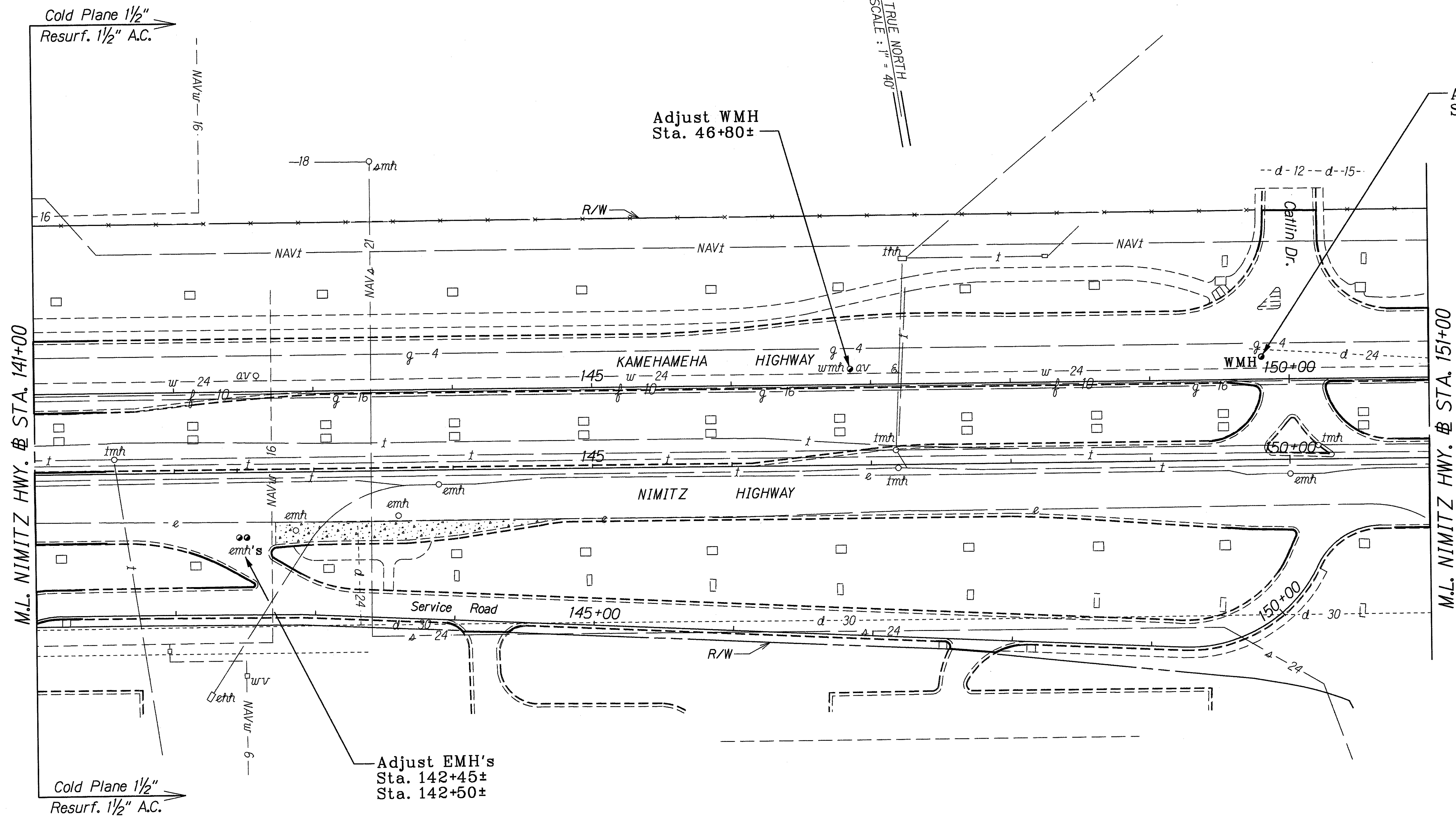
NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1" = 40' Date: May, 1994

SHEET No. A16 OF 18 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	42	76



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	6/18/97
2003/1/10	TRACED BY	
2003/1/10	CHECKED BY	
2003/1/10	QUANTITIES BY	
2003/1/10	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

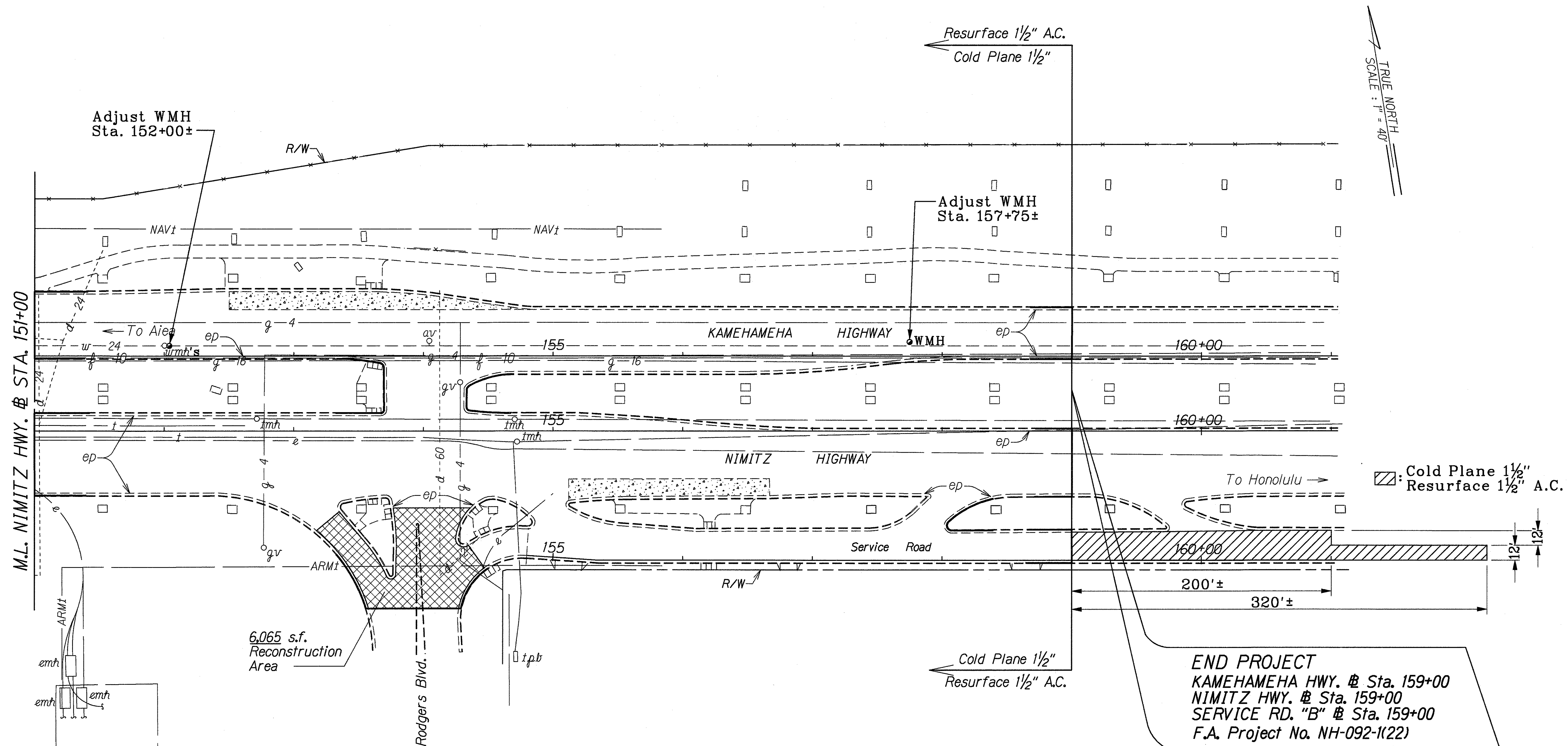
NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1"= 40' Date: May, 1994

SHEET No. A/7 OF 18 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(22)	1994	43	76



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY L. M. [illegible]	4/18/94
DESIGNED BY J. Ho		
QUANTITIES BY [illegible]		
CHECKED BY [illegible]		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

NIMITZ HIGHWAY RESURFACING
Nimitz Gate to Rodgers Blvd. & Ramps
FED. AID PROJ. NO. NH-092-1(22)

Scale: 1" = 40' Date: May, 1994

SHEET No. A18 OF 18 SHEETS

"AS-BUILT"