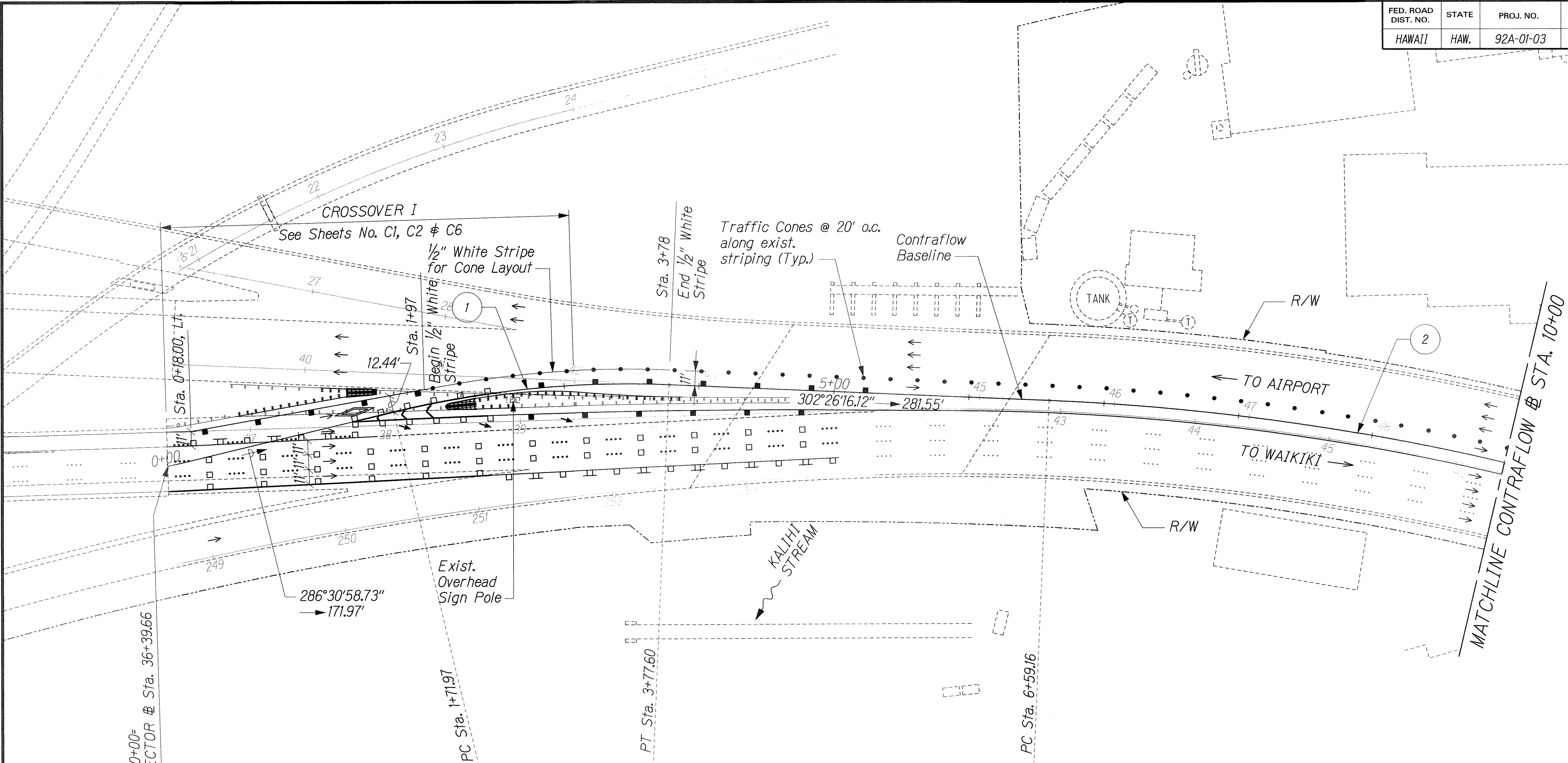


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-03	2003	9	69



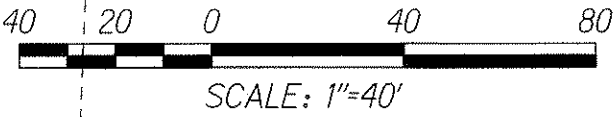
Begin Project
Contraflow @ Sta. 0+00=
NIMITZ EB CONNECTOR @ Sta. 36+39.66
N=61,550.49
E=536,194.81

CONTRAFLOW CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
①	740.00'	205.63'	103.48'	204.97'	15°55'17.39"
②	1799.75'	1076.57'	554.92'	1060.58'	34°16'22.03"

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

1/2" NIMITZ CF ALIGN/AL-01-03-09



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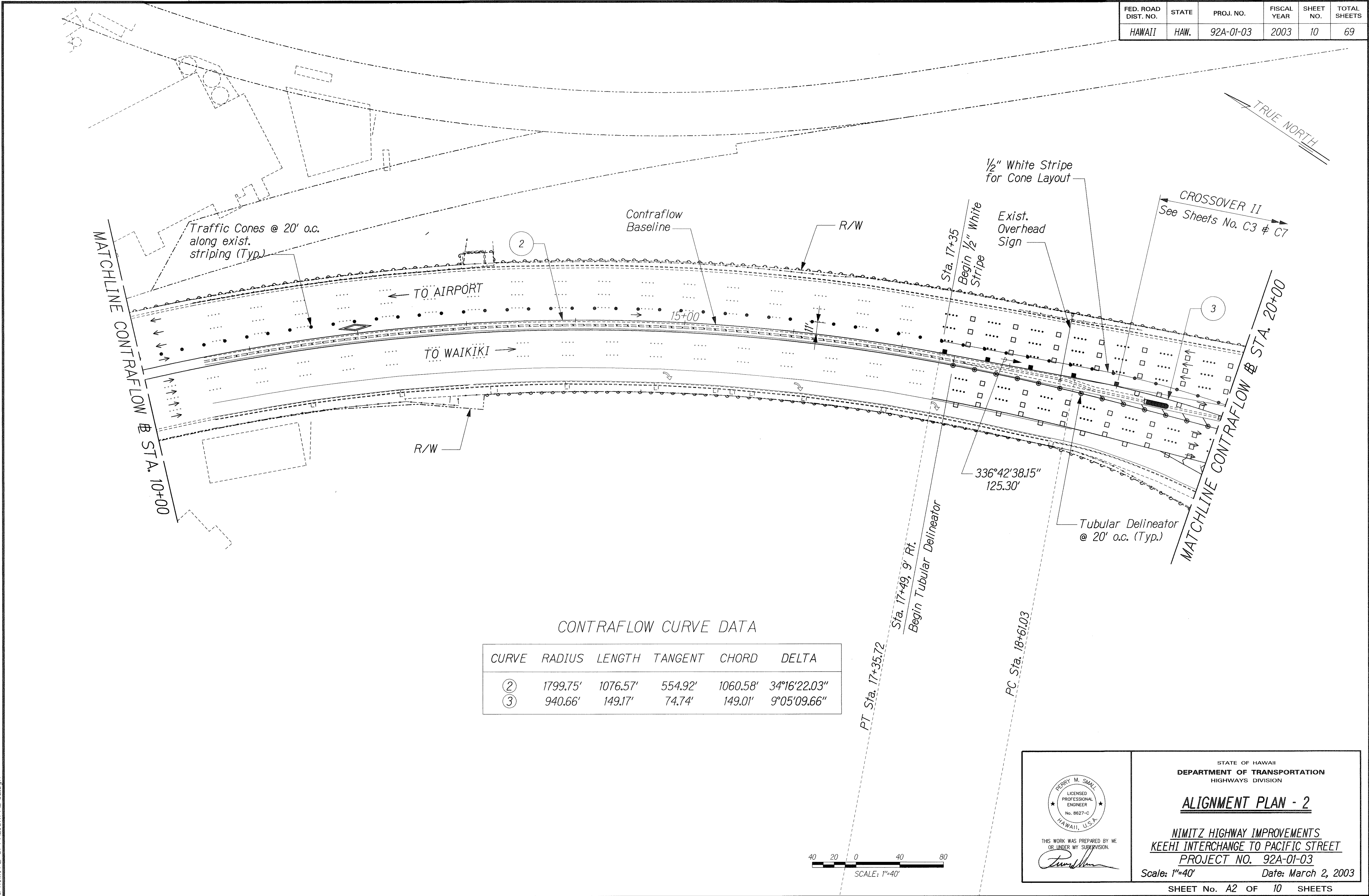
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN - 1

NIMITZ HIGHWAY IMPROVEMENTS
KEEHI INTERCHANGE TO PACIFIC STREET
PROJECT NO. 92A-01-03
Scale: 1"=40' Date: March 2, 2003

SHEET No. 9 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-03	2003	10	69



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

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Perry M. Small

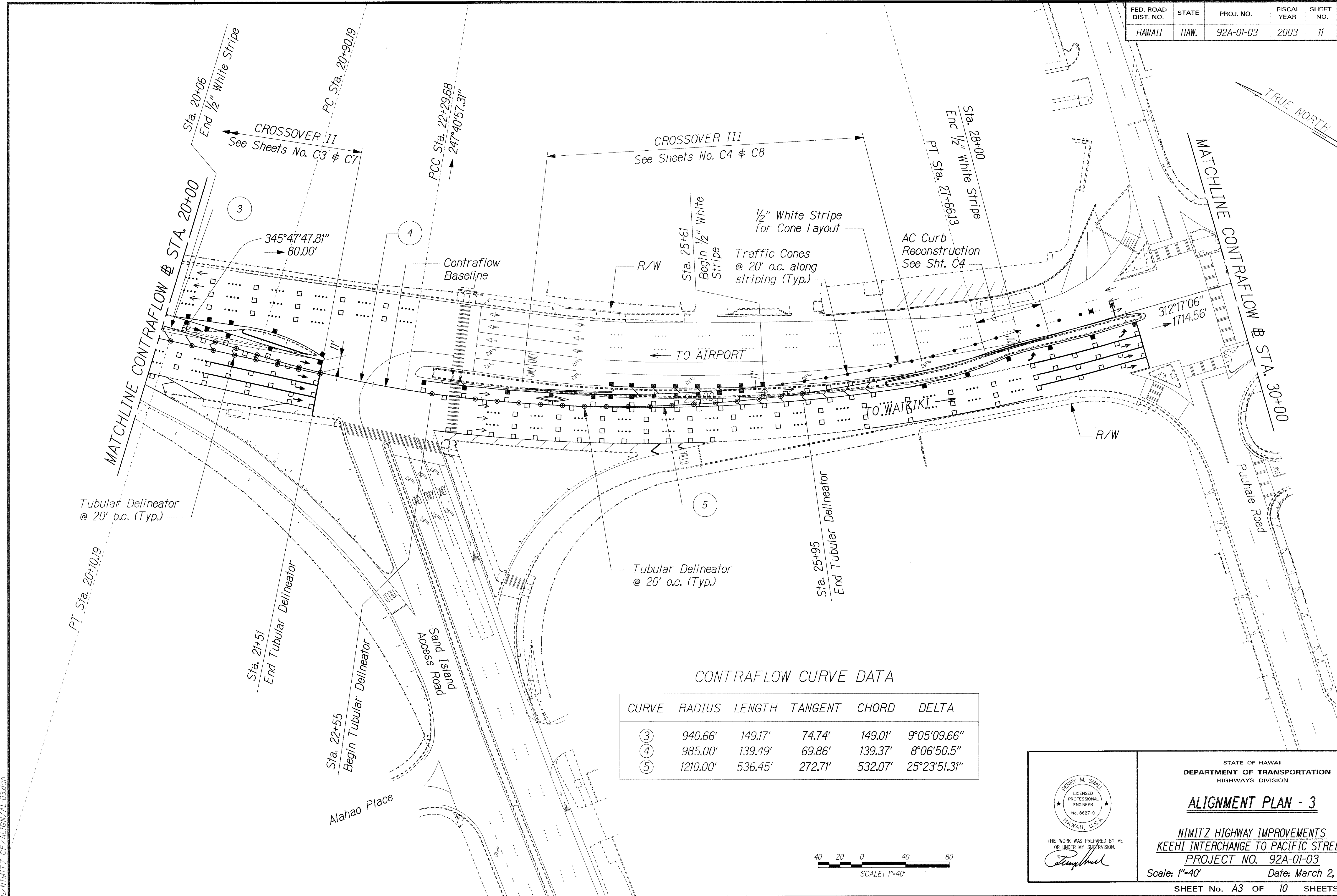
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN - 2

NIMITZ HIGHWAY IMPROVEMENTS
KEEHI INTERCHANGE TO PACIFIC STREET
PROJECT NO. 92A-01-03
Scale: 1"=40' Date: March 2, 2003

SHEET No. A2 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-03	2003	11	69



CONTRAFLOW CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
③	940.66'	149.17'	74.74'	149.01'	9°05'09.66"
④	985.00'	139.49'	69.86'	139.37'	8°06'50.5"
⑤	1210.00'	536.45'	272.71'	532.07'	25°23'51.31"

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

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Perry M. Small

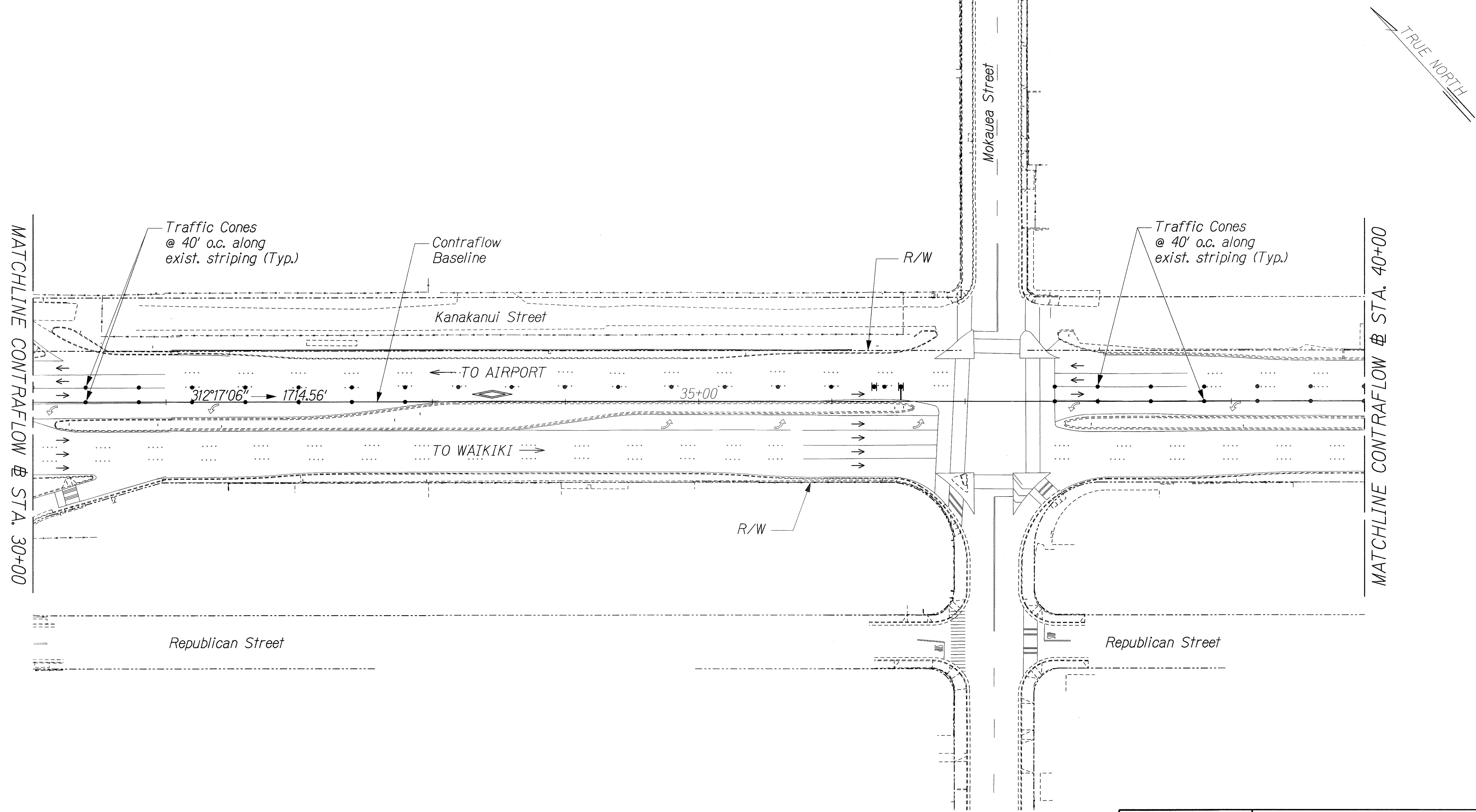
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN - 3

NIMITZ HIGHWAY IMPROVEMENTS
KEEHI INTERCHANGE TO PACIFIC STREET
PROJECT NO. 92A-01-03
Scale: 1"=40' Date: March 2, 2003

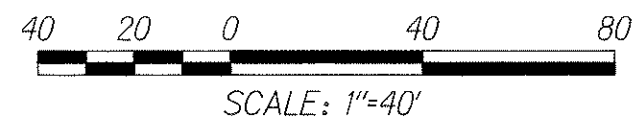
SHEET No. A3 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-03	2003	12	69



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

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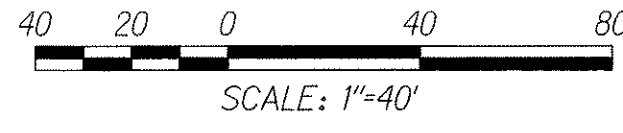
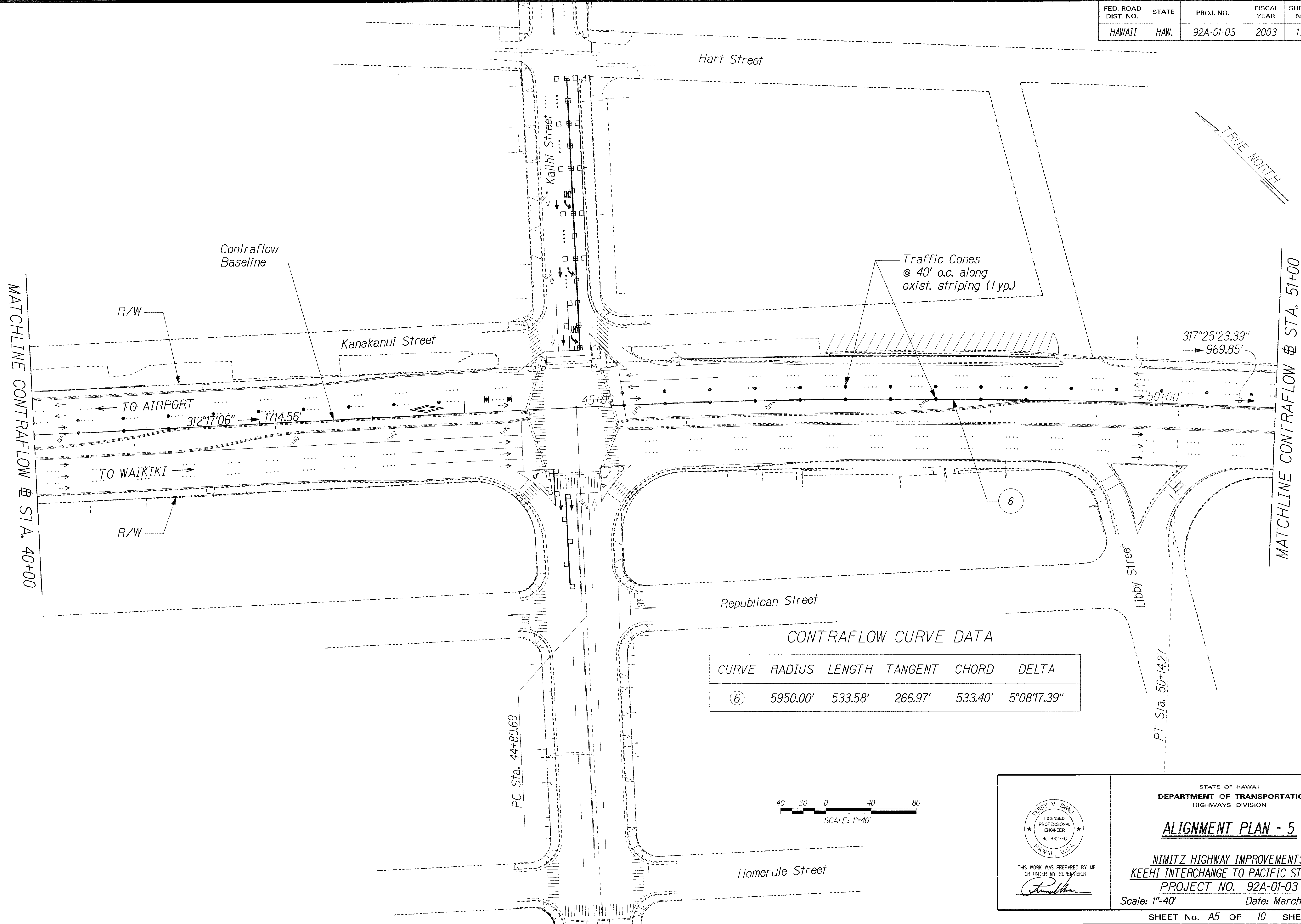
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN - 4

NIMITZ HIGHWAY IMPROVEMENTS
KEEHI INTERCHANGE TO PACIFIC STREET
PROJECT NO. 92A-01-03
Scale: 1"=40' Date: March 2, 2003

SHEET No. A4 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-03	2003	13	69



CONTRAFLOW CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
⑥	5950.00'	533.58'	266.97'	533.40'	5°08'17.39"

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN - 5

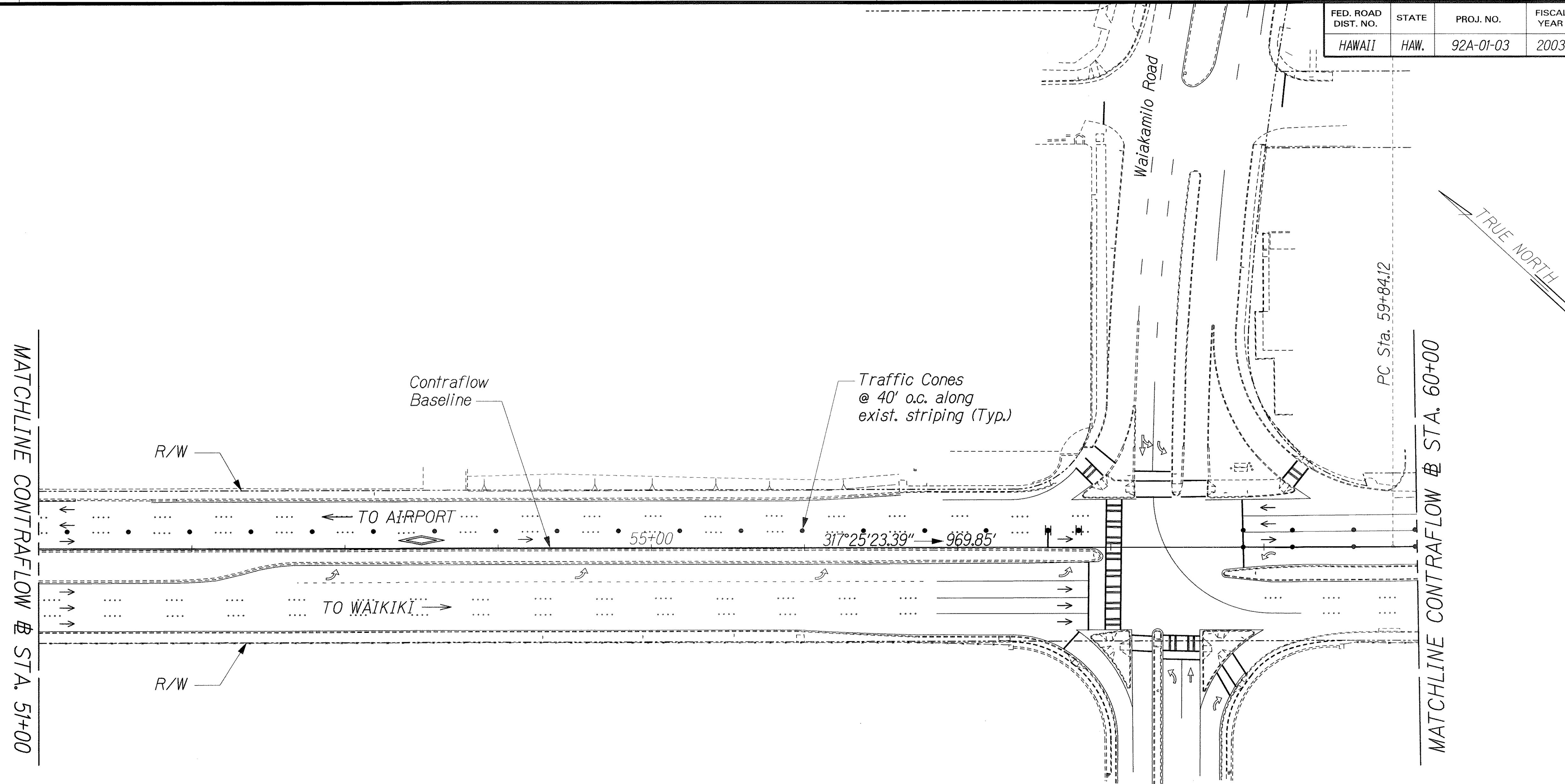
NIMITZ HIGHWAY IMPROVEMENTS
KEEHI INTERCHANGE TO PACIFIC STREET
PROJECT NO. 92A-01-03
Scale: 1"=40' Date: March 2, 2003

SHEET No. A5 OF 10 SHEETS

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

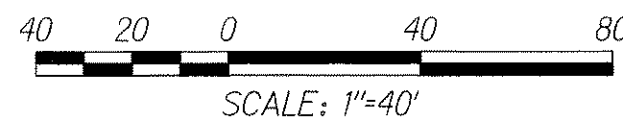
6:/NIMITZ CF/ALIGN/AL-05.dgn

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-03	2003	14	69



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

6/1/2003 CF/ALIGN/AL-05.dgn



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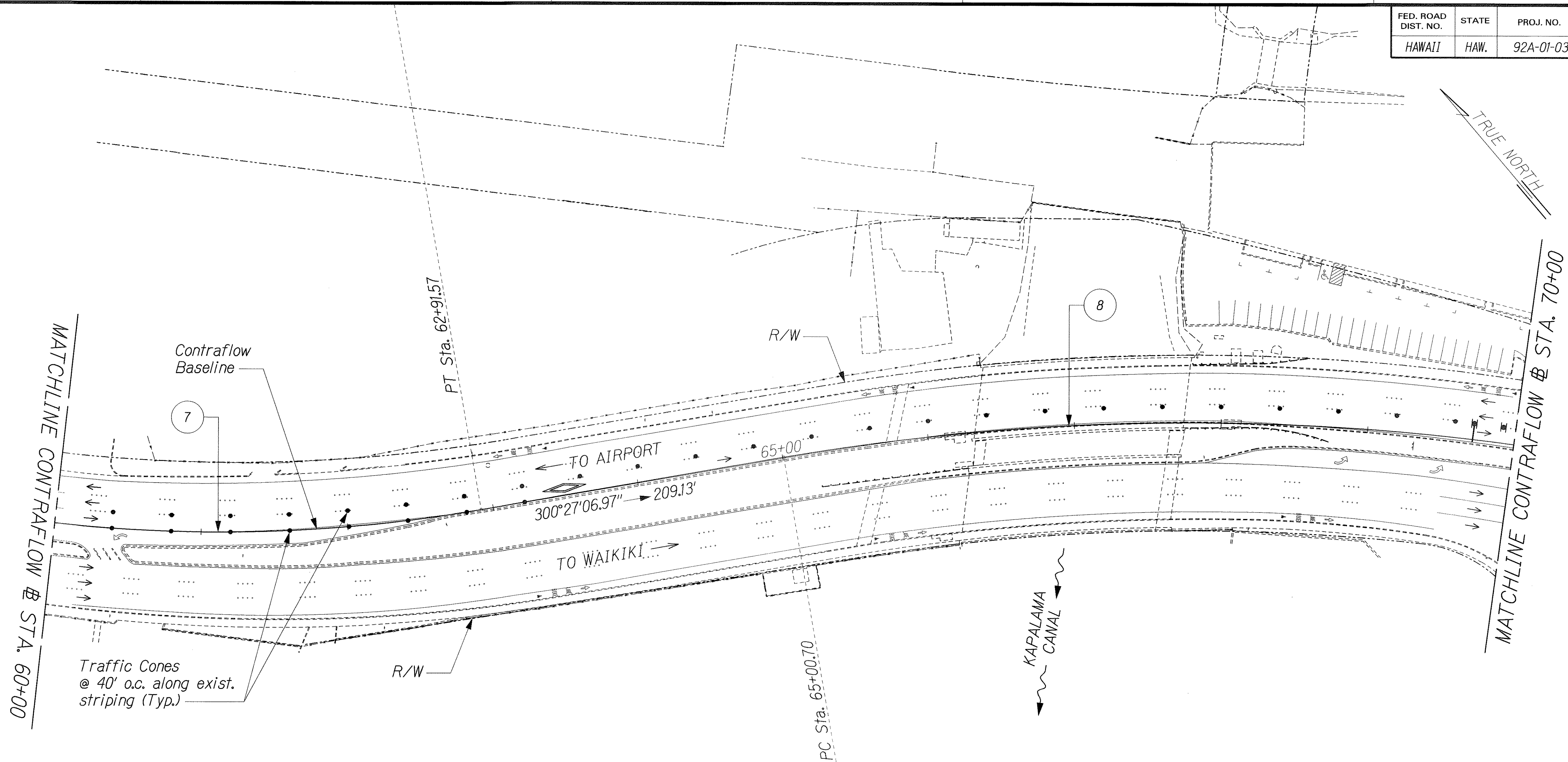
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN - 6

NIMITZ HIGHWAY IMPROVEMENTS
KEEHI INTERCHANGE TO PACIFIC STREET
PROJECT NO. 92A-01-03
Scale: 1"=40' Date: March 2, 2003

SHEET No. A6 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-03	2003	15	69

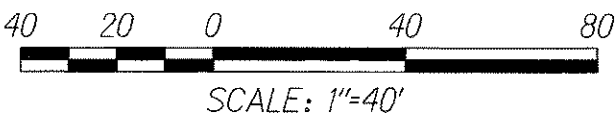


CONTRAFLOW CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
⑦	1037.96'	307.45'	154.85'	306.32'	16°58'16.42"
⑧	1625.00'	986.94'	509.22'	971.84'	34°47'55.28"

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

6-NIMITZ CF/ALIGN/AL-07399



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

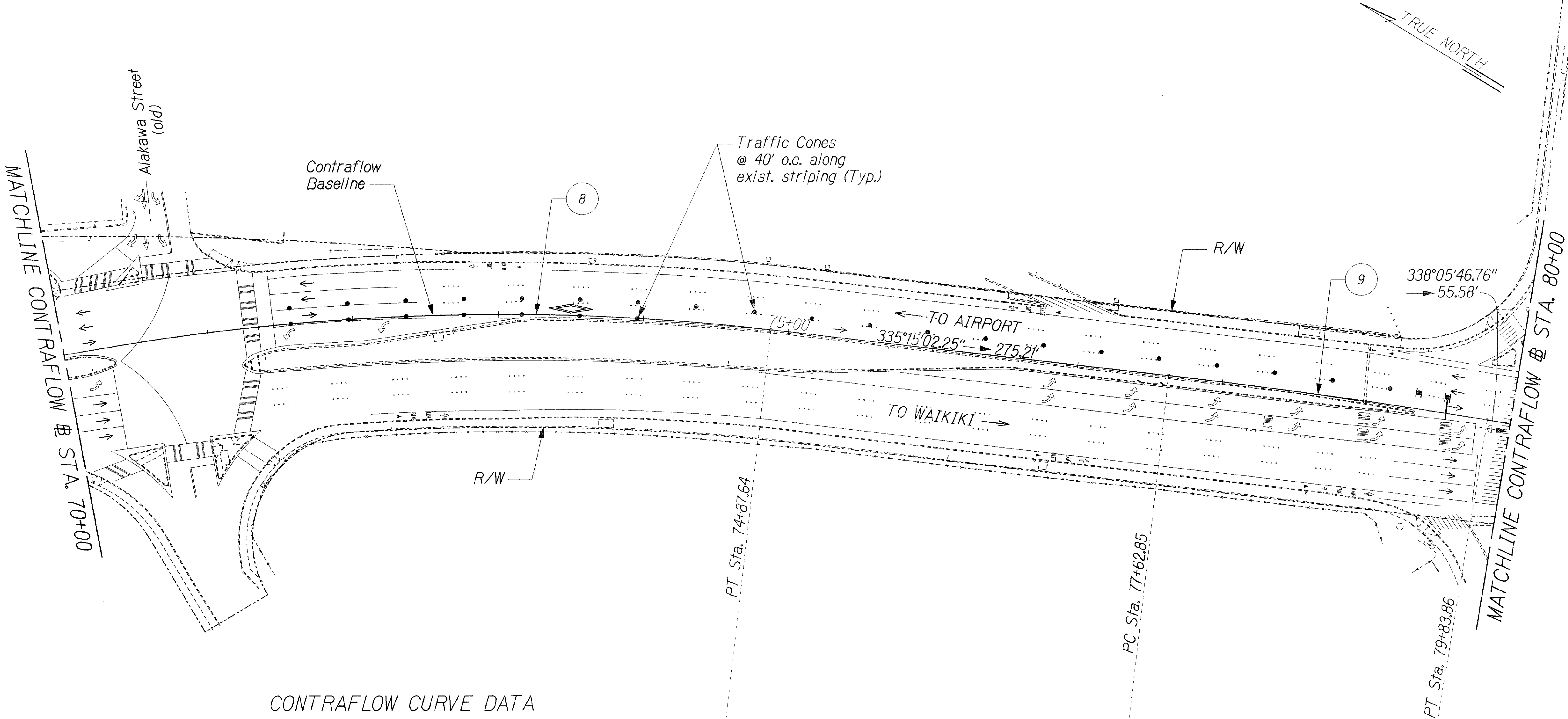
ALIGNMENT PLAN - 7

NIMITZ HIGHWAY IMPROVEMENTS
KEEHI INTERCHANGE TO PACIFIC STREET
PROJECT NO. 92A-01-03

Scale: 1"=40' Date: March 2, 2003

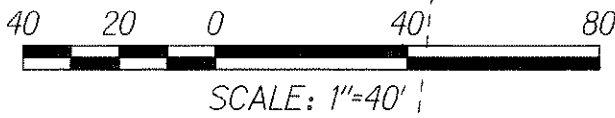
SHEET No. A7 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-03	2003	16	69



CONTRAFLOW CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
⑧	1625.00'	986.94'	509.22'	971.84'	34°47'55.28"
⑨	4450.00'	221.01'	110.53'	220.99'	2°50'44.51"



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

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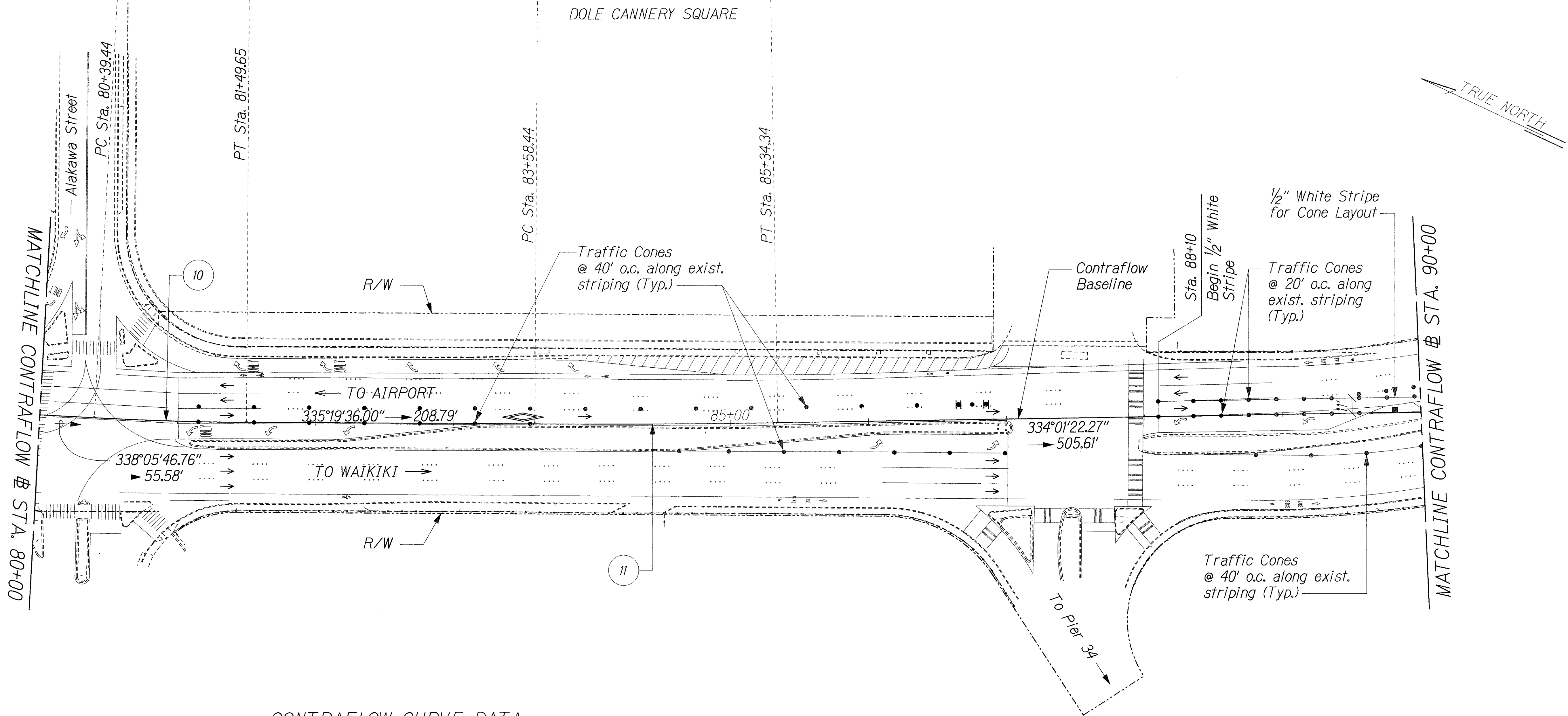
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN - 8

NIMITZ HIGHWAY IMPROVEMENTS
KEEHI INTERCHANGE TO PACIFIC STREET
PROJECT NO. 92A-01-03
Scale: 1"=40' Date: March 2, 2003

SHEET No. A8 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-03	2003	17	69

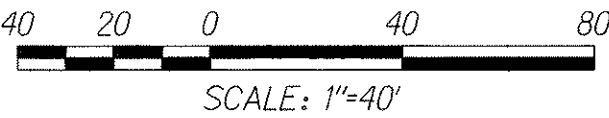


CONTRAFLOW CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
⑩	2280.00'	110.21'	55.11'	110.20'	2°46'10.76"
⑪	7730.00'	175.90'	87.95'	175.89'	1°18'13.73"

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

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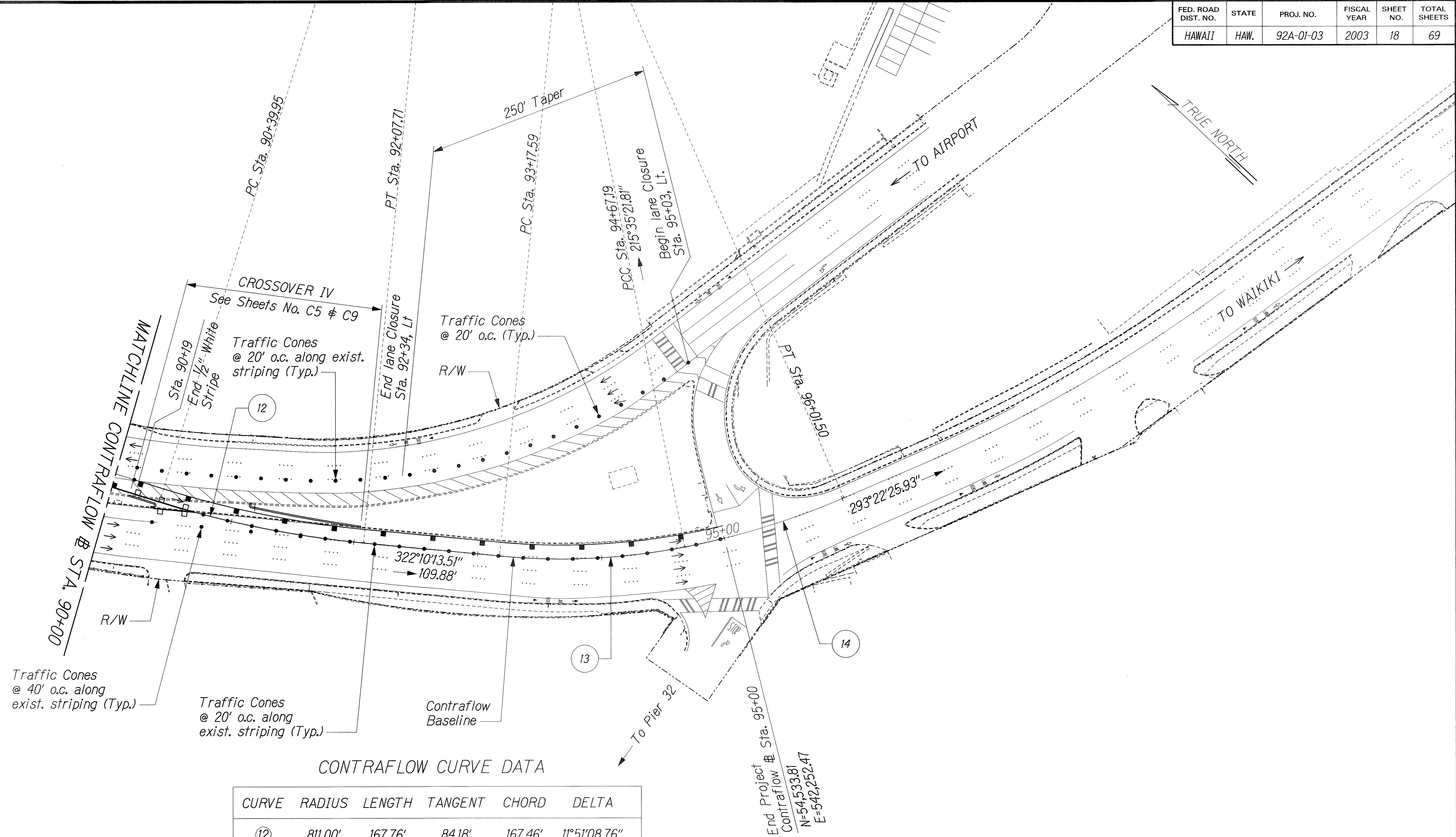
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN - 9

NIMITZ HIGHWAY IMPROVEMENTS
KEEHI INTERCHANGE TO PACIFIC STREET
PROJECT NO. 92A-01-03
Scale: 1"=40' Date: March 2, 2003

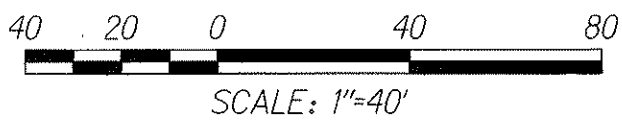
SHEET No. A9 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-03	2003	18	69



CONTRAFLOW CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
12	811.00'	167.76'	84.18'	167.46'	11°51'08.76"
13	516.97'	149.60'	75.33'	149.08'	16°34'51.7"
14	630.00'	134.31'	67.41'	134.06'	12°12'55.88"



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN - 10

NIMITZ HIGHWAY IMPROVEMENTS
KEEHI INTERCHANGE TO PACIFIC STREET
PROJECT NO. 92A-01-03
Scale: 1"=40' Date: March 2, 2003

SHEET No. A10 OF 10 SHEETS

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