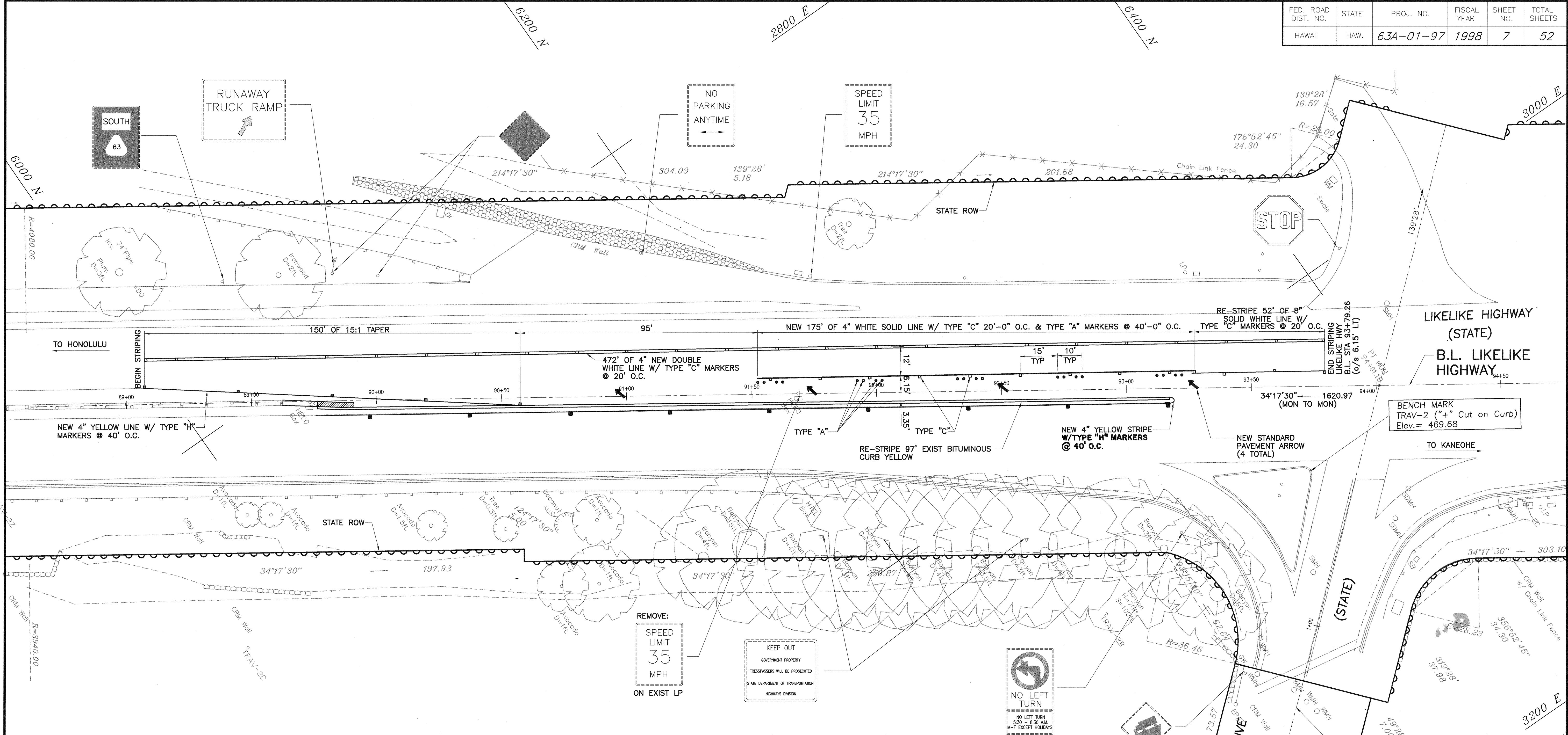
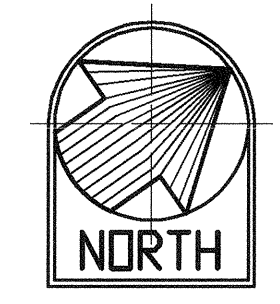


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-01-97	1998	7	52

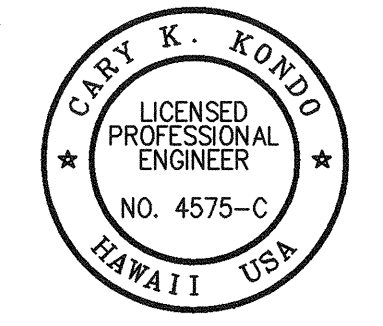


SIGNING & STRIPING PLAN
LIKELIKE HIGHWAY/VALLEY VIEW DRIVE INTERSECTION

SCALE: 1"=20'



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



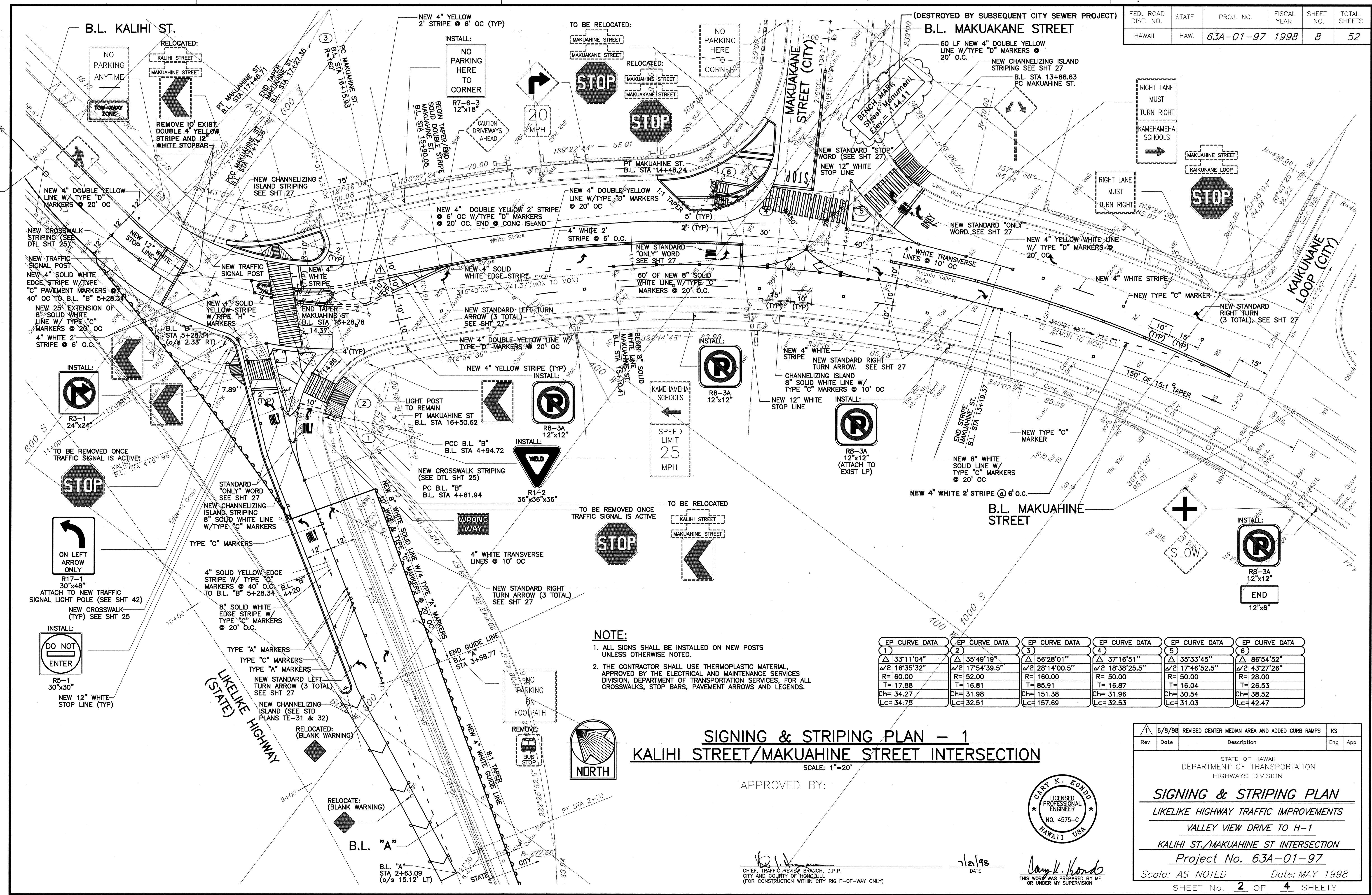
Cary K. Kondo
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 OR UNDER MY SUPERVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNING & STRIPING PLAN
 LIKELIKE HIGHWAY TRAFFIC IMPROVEMENTS
 VALLEY VIEW DRIVE TO H-1
 LIKELIKE HWY/VALLEY VIEW DRIVE INTERSECTION
 Project No. 63A-01-97

Scale: AS NOTED Date: MAY 1998
 SHEET No. 7 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-01-97	1998	8	52



NOTE:
 1. ALL SIGNS SHALL BE INSTALLED ON NEW POSTS UNLESS OTHERWISE NOTED.
 2. THE CONTRACTOR SHALL USE THERMOPLASTIC MATERIAL, APPROVED BY THE ELECTRICAL AND MAINTENANCE SERVICES DIVISION, DEPARTMENT OF TRANSPORTATION SERVICES, FOR ALL CROSSWALKS, STOP BARS, PAVEMENT ARROWS AND LEGENDS.

EP CURVE DATA	EP CURVE DATA	EP CURVE DATA	EP CURVE DATA	EP CURVE DATA	EP CURVE DATA
1 Δ 33°11'04"	2 Δ 35°49'19"	3 Δ 56°28'01"	4 Δ 37°16'51"	5 Δ 35°33'45"	6 Δ 86°54'52"
Δ/2 16°35'32"	Δ/2 17°54'39.5"	Δ/2 28°14'00.5"	Δ/2 18°38'25.5"	Δ/2 17°46'52.5"	Δ/2 43°27'26"
R= 60.00	R= 52.00	R= 160.00	R= 50.00	R= 50.00	R= 28.00
T= 17.88	T= 16.81	T= 85.91	T= 16.87	T= 16.04	T= 26.53
Ch= 34.27	Ch= 31.98	Ch= 151.38	Ch= 31.96	Ch= 30.54	Ch= 38.52
Lc= 34.75	Lc= 32.51	Lc= 157.69	Lc= 32.53	Lc= 31.03	Lc= 42.47

SIGNING & STRIPING PLAN - 1

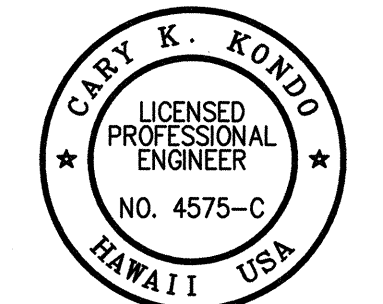
KALIHI STREET/MAKUAHINE STREET INTERSECTION

SCALE: 1"=20'

APPROVED BY: _____

DATE: 7/2/98

CHIEF, TRAFFIC REVIEW BRANCH, D.P.P.
CITY AND COUNTY OF HONOLULU
(FOR CONSTRUCTION WITHIN CITY RIGHT-OF-WAY ONLY)



Rev	Date	Description	Eng	App
1	6/8/98	REVISED CENTER MEDIAN AREA AND ADDED CURB RAMPS	KS	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

LIKELIKE HIGHWAY TRAFFIC IMPROVEMENTS
VALLEY VIEW DRIVE TO H-1
KALIHI ST./MAKUAHINE ST INTERSECTION
Project No. 63A-01-97

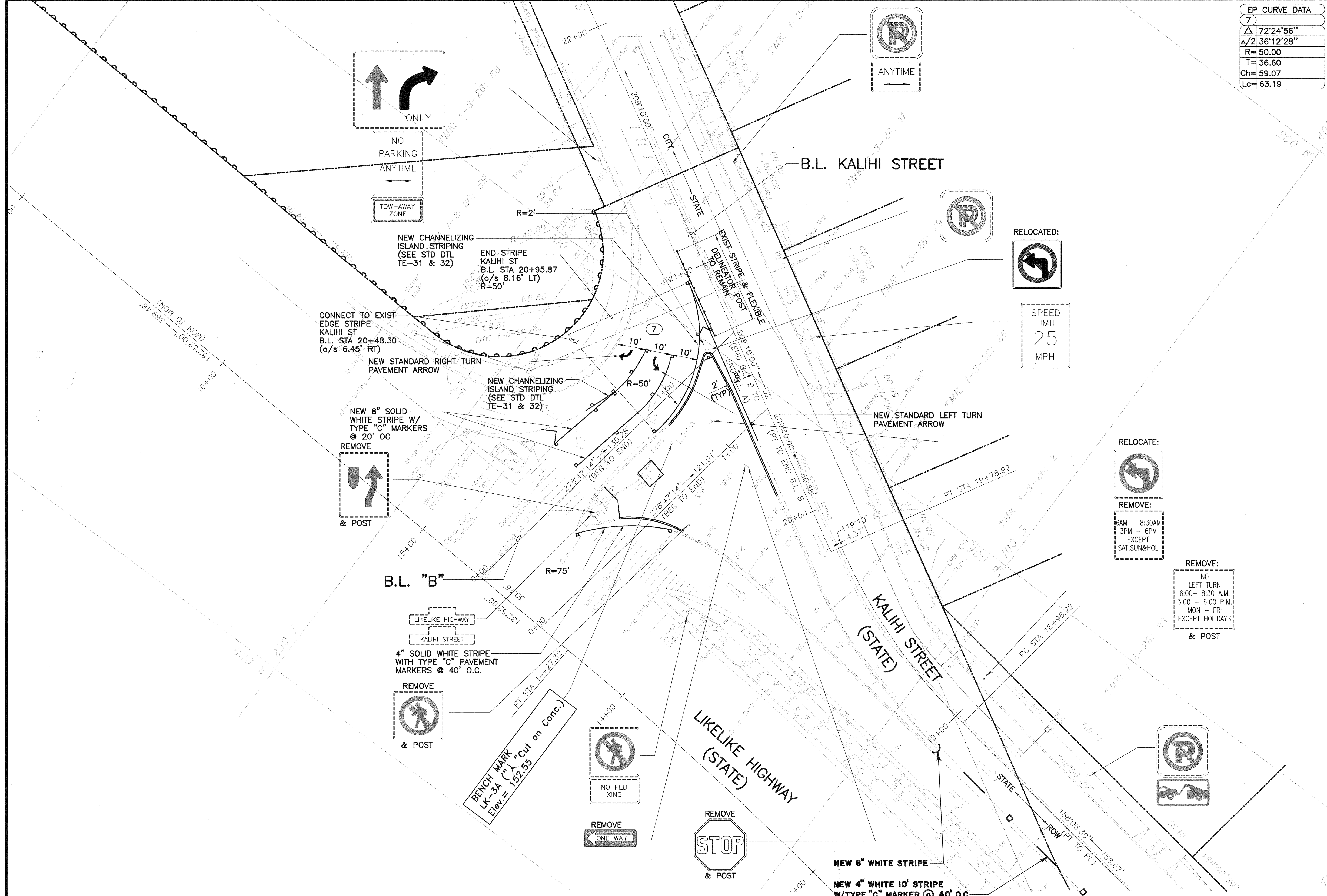
Scale: AS NOTED Date: MAY 1998

SHEET No. 2 OF 4 SHEETS

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

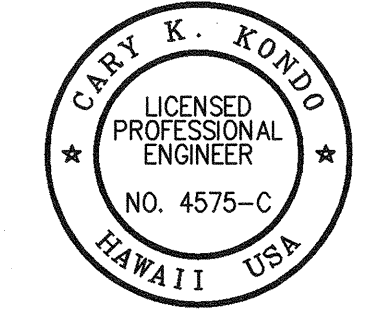
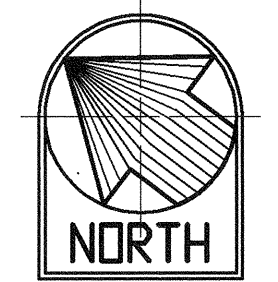
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-01-97	1998	9	52

EP CURVE DATA	
7	
Δ	72°24'56"
$\Delta/2$	36°12'28"
R	50.00
T	36.60
Ch	59.07
Lc	63.19



SIGNING & STRIPING PLAN - 2
KALIHI STREET/MAKUAHINE STREET INTERSECTION

SCALE: 1"=20'



Cary K. Kondo
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 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

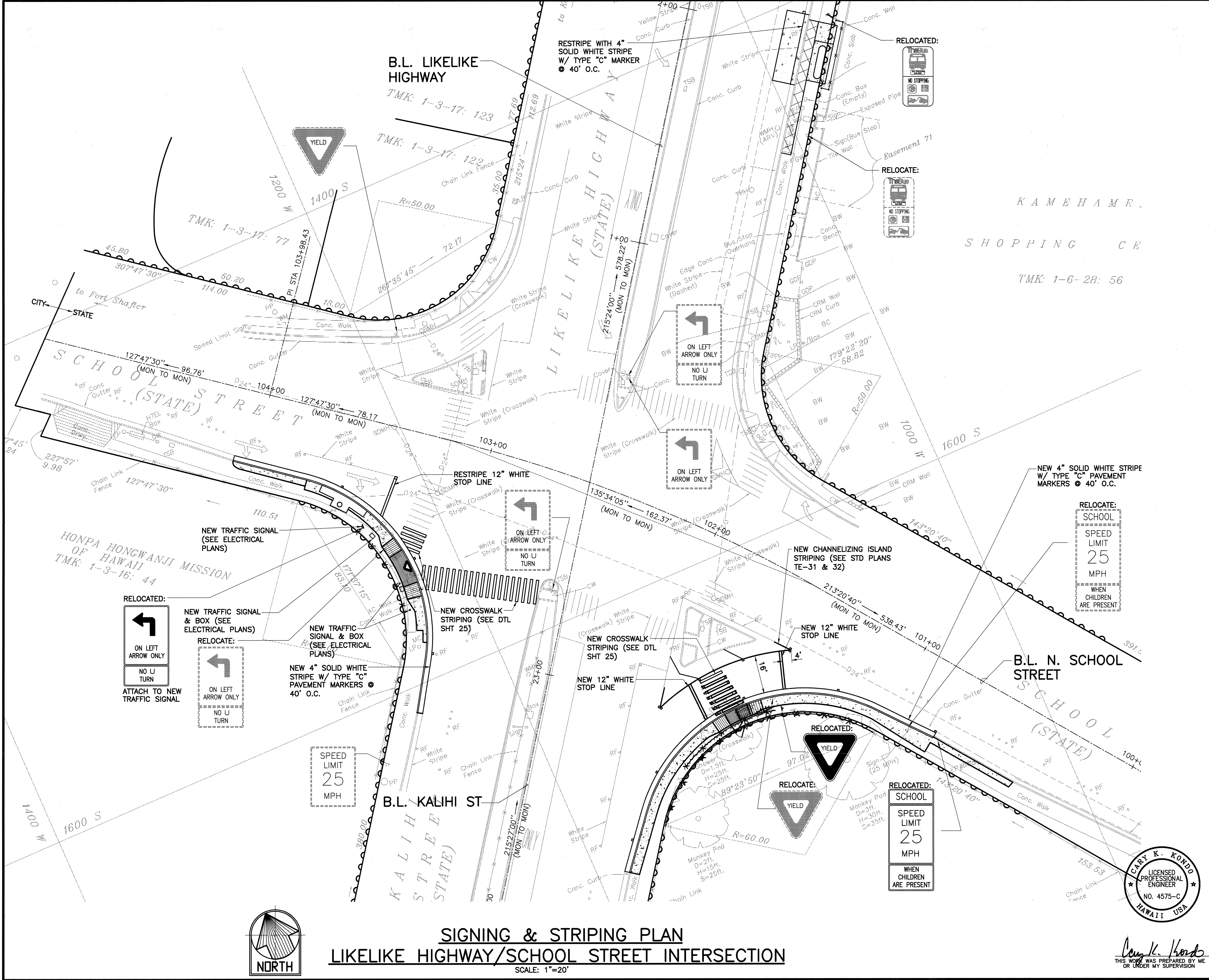
SIGNING & STRIPING PLAN

LIKELIKE HIGHWAY TRAFFIC IMPROVEMENTS
 VALLEY VIEW DRIVE TO H-1
 KALIHI ST./MAKUAHINE ST. INTERSECTION
 Project No. 63A-01-97

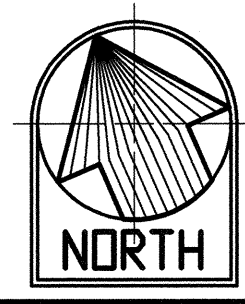
Scale: AS NOTED Date: MAY 1998
 SHEET No. **3** OF **4** SHEETS

DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
APPROVED BY	_____
NO.	_____

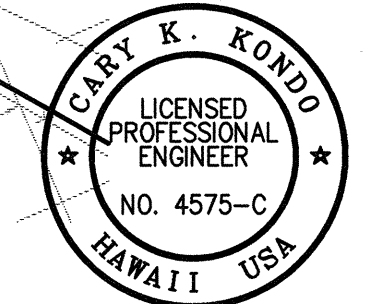
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-01-97	1998	10	52



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



SIGNING & STRIPING PLAN
LIKELIKE HIGHWAY/SCHOOL STREET INTERSECTION
 SCALE: 1"=20'



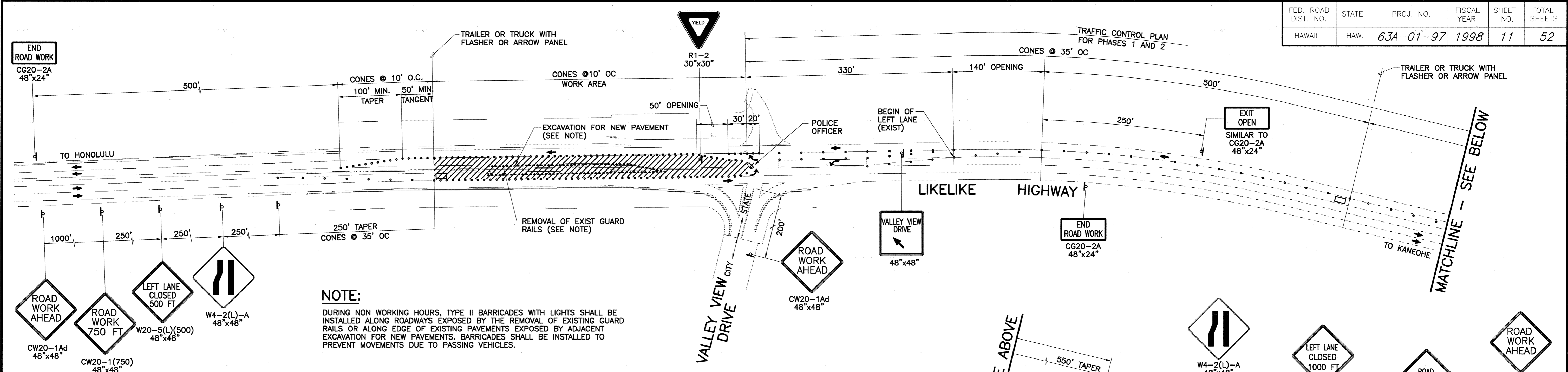
Cary K. Kondo
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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNING & STRIPING PLAN
 LIKELIKE HIGHWAY TRAFFIC IMPROVEMENTS
 VALLEY VIEW DRIVE TO H-1
 LIKELIKE HIGHWAY/SCHOOL ST. INTERSECTION
 Project No. 63A-01-97

Scale: AS NOTED Date: MAY 1998
 SHEET No. 4 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-01-97	1998	11	52

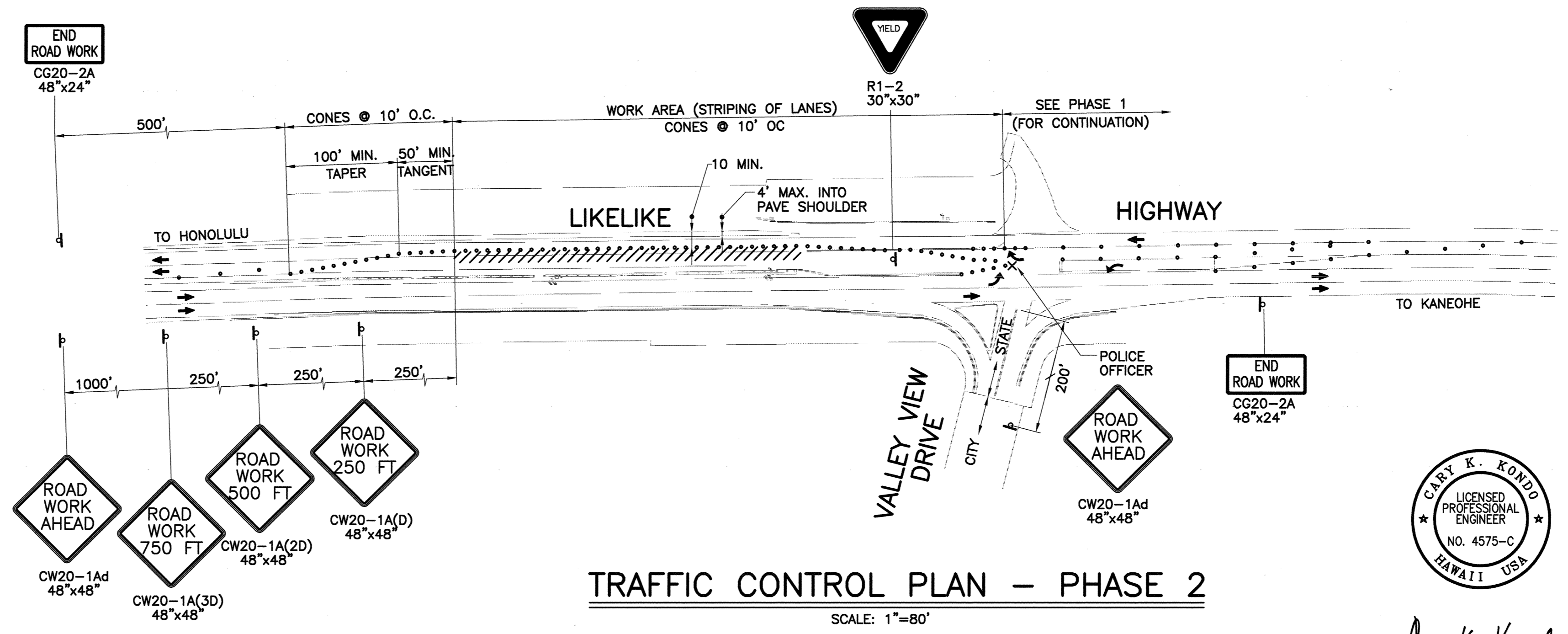


NOTE:
 DURING NON WORKING HOURS, TYPE II BARRICADES WITH LIGHTS SHALL BE INSTALLED ALONG ROADWAYS EXPOSED BY THE REMOVAL OF EXISTING GUARD RAILS OR ALONG EDGE OF EXISTING PAVEMENTS EXPOSED BY ADJACENT EXCAVATION FOR NEW PAVEMENTS. BARRICADES SHALL BE INSTALLED TO PREVENT MOVEMENTS DUE TO PASSING VEHICLES.

GENERAL NOTES FOR TRAFFIC CONTROL PLAN FOR WORK ON CITY AND COUNTY STREETS

1. THE PERMITTEE SHALL MAKE MINOR ADJUSTMENTS AT INTERSECTIONS, DRIVEWAYS, BRIDGES, STRUCTURES, ETC., TO FIT FIELD CONDITIONS.
2. CONES OR DELINEATORS SHALL BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
3. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED SUCH THAT THE SIGN OR DEVICE FARTHEST FROM THE WORK AREA SHALL BE PLACED FIRST. THE OTHERS SHALL THEN BE PLACED PROGRESSIVELY TOWARD THE WORK AREA.
4. REGULATORY AND WARNING SIGNS WITHIN THE CONSTRUCTION ZONE THAT ARE IN CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE REMOVED OR COVERED. ALL SIGNS SHALL BE RESTORED UPON COMPLETION OF THE WORK.
5. FLAGGERS AND/OR POLICE OFFICERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES.
6. WHEN REQUIRED BY THE ISSUING OFFICE, THE PERMITTEE SHALL INSTALL A FLASHING ARROW SIGNAL AS SHOWN ON THE TRAFFIC CONTROL PLAN(S).
7. ALL TRAFFIC LANES SHALL BE A MINIMUM OF 10 FEET WIDE.
8. ALL CONSTRUCTION WARNING SIGNS SHALL BE PROMPTLY REMOVED OR COVERED WHENEVER THE MESSAGE IS NOT APPLICABLE OR NOT IN USE.
9. THE BACKS OF ALL SIGNS USED FOR TRAFFIC CONTROL SHALL BE APPROPRIATELY COVERED TO PRECLUDE THE DISPLAY OF INAPPLICABLE SIGN MESSAGES (I.E., WHEN SIGNS HAVE MESSAGES ON BOTH FACES).
10. LANE CLOSURE SHALL BE LIMITED ONLY TO THE EXTENT OF ACCOMPLISHING EACH DAY'S WORK. AS SOON AS EACH DAY'S WORK IS COMPLETED, THE PERMITTEE SHALL REMOVE ALL TRAFFIC CONTROL DEVICES NO LONGER NEEDED TO PERMIT FREE AND SAFE PASSAGE OF PUBLIC TRAFFIC. REMOVAL SHALL BE IN THE REVERSE ORDER OF INSTALLATION. EXISTING FADED OR OBLITERATED PAVEMENT MARKINGS THAT ARE NECESSARY FOR SAFE TRAFFIC FLOW IN THE CONSTRUCTION AREA SHALL BE REPLACED WITH TEMPORARY OR PERMANENT MARKINGS BEFORE OPENING THE ROADWAY TO PUBLIC TRAFFIC EACH DAY.
11. PERMANENT PAVEMENT MARKINGS AND TRAFFIC SIGNS SHALL BE REPLACED UPON COMPLETION OF EACH PHASE OF WORK.
12. CONES AND DELINEATORS SHALL BE SPACED AT A MAXIMUM DISTANCE OF 20 FEET APART. A MINIMUM OF SIX CHANNELIZING DEVICES SHALL BE USED FOR EACH TAPER LENGTH.
13. DRIVEWAYS SHALL BE KEPT OPEN UNLESS THE OWNERS OF THE PROPERTY USING THE RIGHT-OF-WAY ARE OTHERWISE PROVIDED FOR SATISFACTORILY. FURTHER, PERMITTEE SHALL CONTROL TRAFFIC GOING IN AND OUT OF DRIVEWAY(S).
14. BUFFER AND TAPER AREAS ON APPROACH TO ANY WORK AREA SHALL BE KEPT CLEAR OF VEHICLES AND EQUIPMENT.
15. A HIGH LEVEL WARNING DEVICE (FLAG TREE) SHALL BE INSTALLED ON APPROACH TO ALL WORK AREAS.
16. "NO PARKING" SIGNS SHALL BE POSTED WITHIN ANY WORK AREA AND FOR THE BUFFER AND TAPER AREAS APPROACHING THE WORK AREA.
17. TRAFFIC CONTROL PLANS ARE APPROVED FOR WORK ON ANY CITY STREET AREA ONLY BETWEEN THE HOURS OF 8:30 A.M. AND 3:30 P.M.

TRAFFIC CONTROL PLAN - PHASE 1
 SCALE: 1"=80'



TRAFFIC CONTROL PLAN - PHASE 2
 SCALE: 1"=80'

- LEGEND:**
- SIGN
 - CONE
 - ▲ TYPE III BARRICADE WITH STEADY BURN LIGHTS SPACED @ 6' O.C. MAXIMUM FOR NON WORKING HOURS
 - DIRECTION OF TRAFFIC
 - ▭ TRAILER OR TRUCK WITH FLASHER OR ARROW PANEL
 - ▨ WORK AREA
 - × POLICE OFFICER
 - ⚡ HIGH LEVEL WARNING DEVICE (FLAG TREE)

SURVEY PLOTTED BY	DATE
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK NO.	

CARY K. KONDO
 LICENSED PROFESSIONAL ENGINEER
 NO. 4575-C
 HAWAII, USA

Cary K. Kondo
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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

LIKELIKE HIGHWAY TRAFFIC IMPROVEMENTS
 VALLEY VIEW DRIVE TO H-1
 LIKELIKE HWY/VALLEY VIEW DRIVE INTERSECTION
 Project No. 63A-01-97

Scale: AS NOTED Date: MAY 1998

SHEET No. 11 OF 52 SHEETS