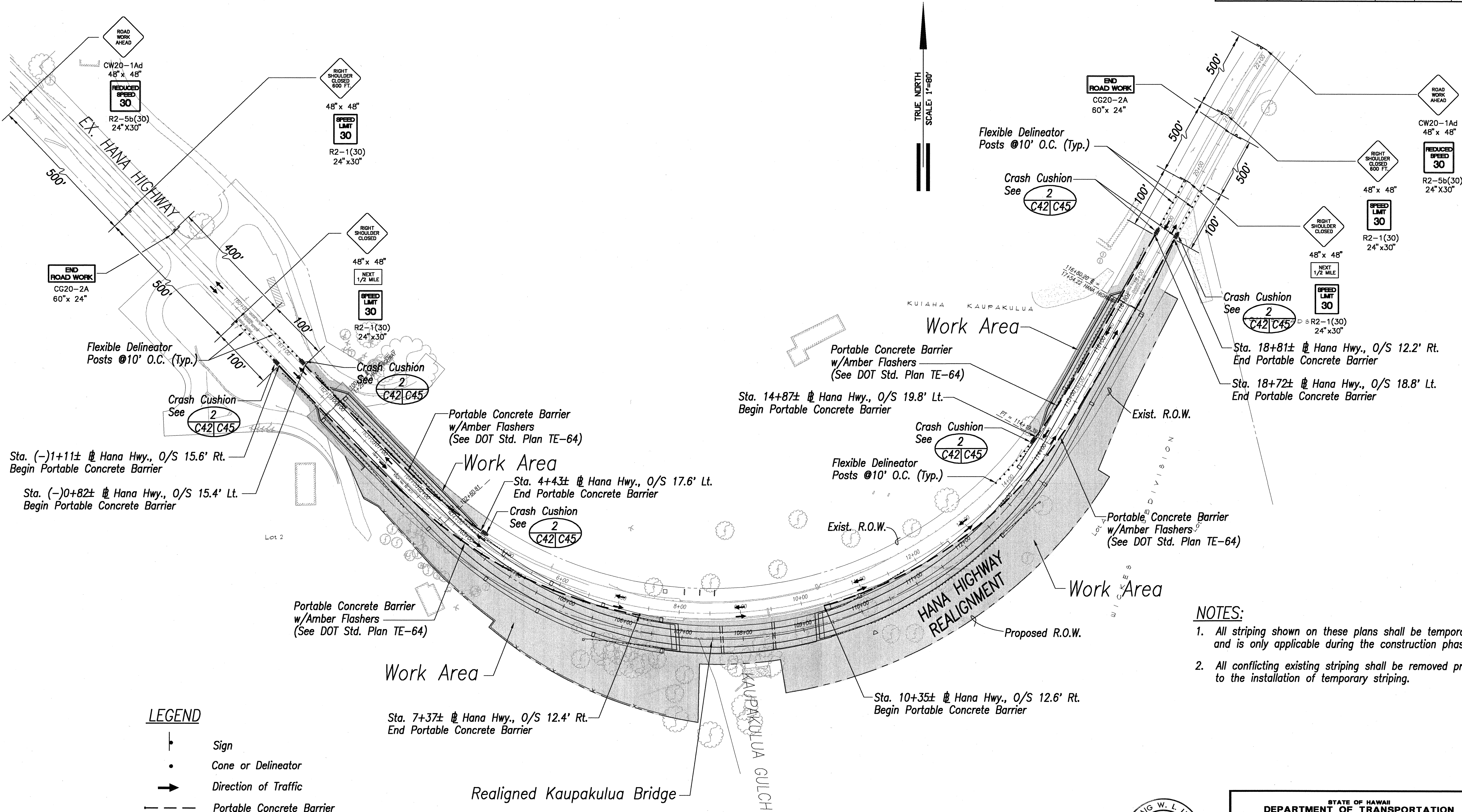


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	44	89

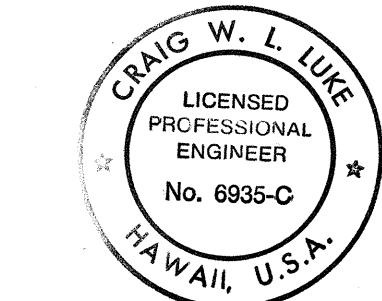


- NOTES:**
- All striping shown on these plans shall be temporary and is only applicable during the construction phase.
 - All conflicting existing striping shall be removed prior to the installation of temporary striping.

- LEGEND**
- Sign
 - Cone or Delineator
 - Direction of Traffic
 - Portable Concrete Barrier

CONSTRUCTION PHASING & TRAFFIC CONTROL PLAN - 1
 SCALE: 1" = 80'

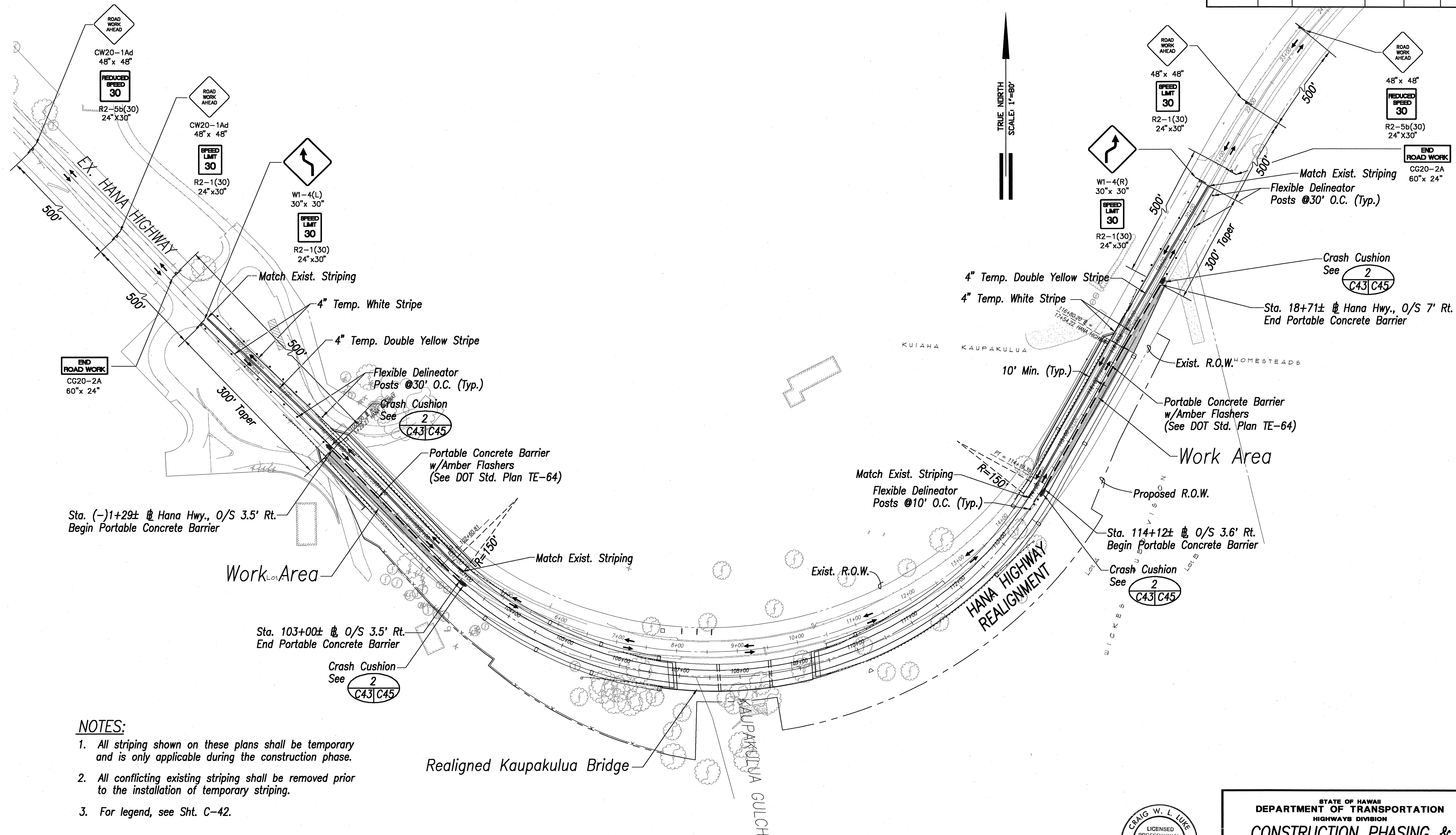
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
 SIGNATURE DATE 9/18/00

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CONSTRUCTION PHASING & TRAFFIC CONTROL PLAN - 1
 HANA HIGHWAY
 REPLACEMENT OF KAUPAKULUA BRIDGE AND APPROACHES
 F.A.P. Proj. No. BR-036-1(15)
 Scale: 1" = 80' Date: June 30, 2000
 SHEET No. C-42 OF 89 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	45	89



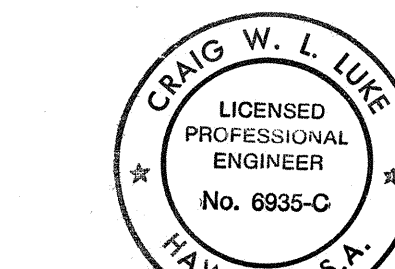
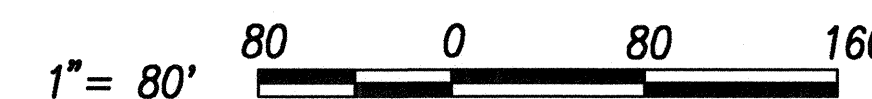
NOTES:

1. All striping shown on these plans shall be temporary and is only applicable during the construction phase.
2. All conflicting existing striping shall be removed prior to the installation of temporary striping.
3. For legend, see Sht. C-42.

CONSTRUCTION PHASING & TRAFFIC CONTROL PLAN - 2

SCALE: 1" = 80'

GRAPHIC SCALE:



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
DATE: 9/18/00
SIGNATURE: [Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**CONSTRUCTION PHASING &
TRAFFIC CONTROL PLAN - 2**

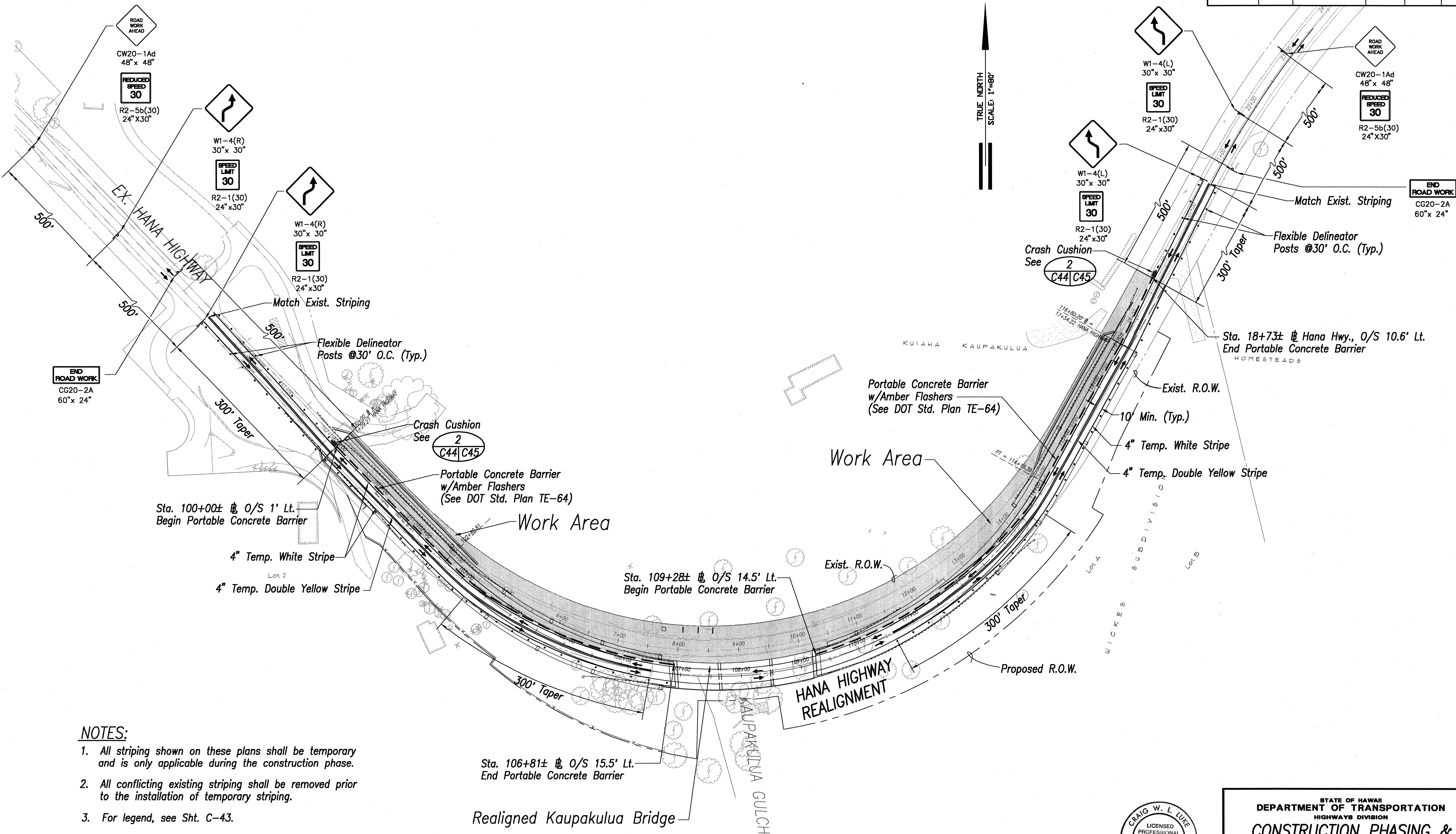
HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES
F.A.P. Proj. No. BR-036-1(15)
Scale: 1" = 80' Date: June 30, 2000

SHEET No. C-43 OF 89 SHEETS

45

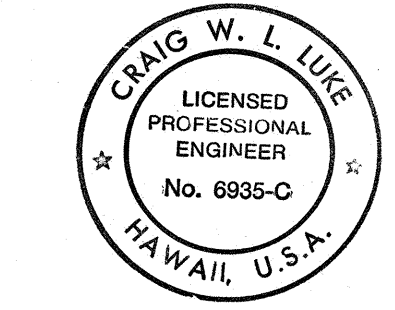
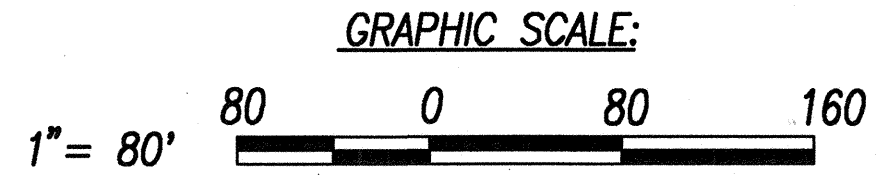
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	No.
NOTE BOOK	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	46	89



- NOTES:**
1. All striping shown on these plans shall be temporary and is only applicable during the construction phase.
 2. All conflicting existing striping shall be removed prior to the installation of temporary striping.
 3. For legend, see Sht. C-43.

**CONSTRUCTION PHASING &
TRAFFIC CONTROL PLAN - 3**
SCALE: 1" = 80'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**CONSTRUCTION PHASING &
TRAFFIC CONTROL PLAN - 3**

HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES

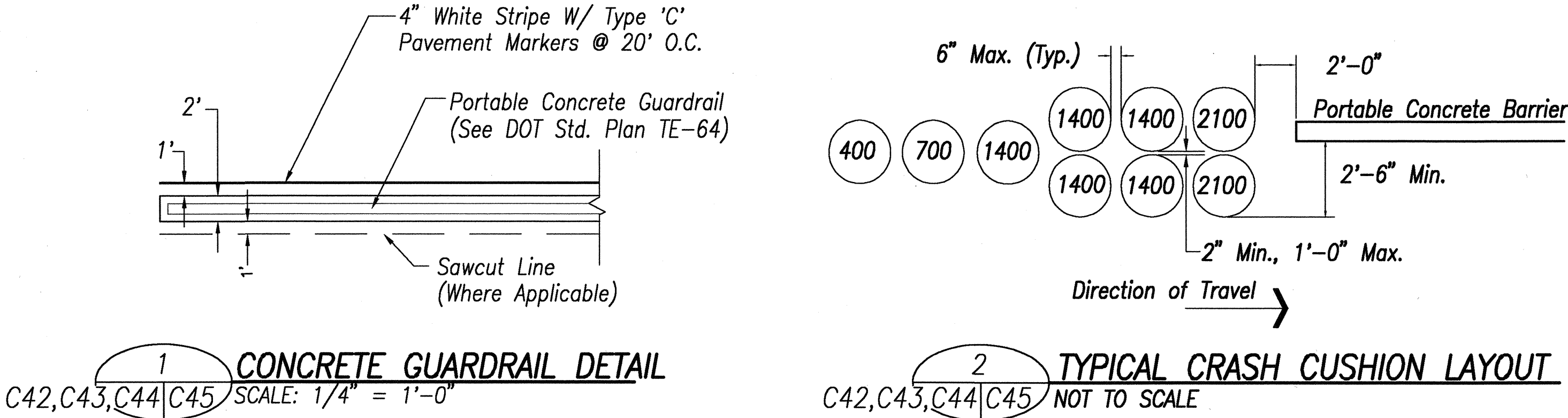
F.A.P. Proj. No. BR-036-1(15)

Scale: 1" = 80' Date: June 30, 2000

SHEET No. C-44 OF 89 SHEETS

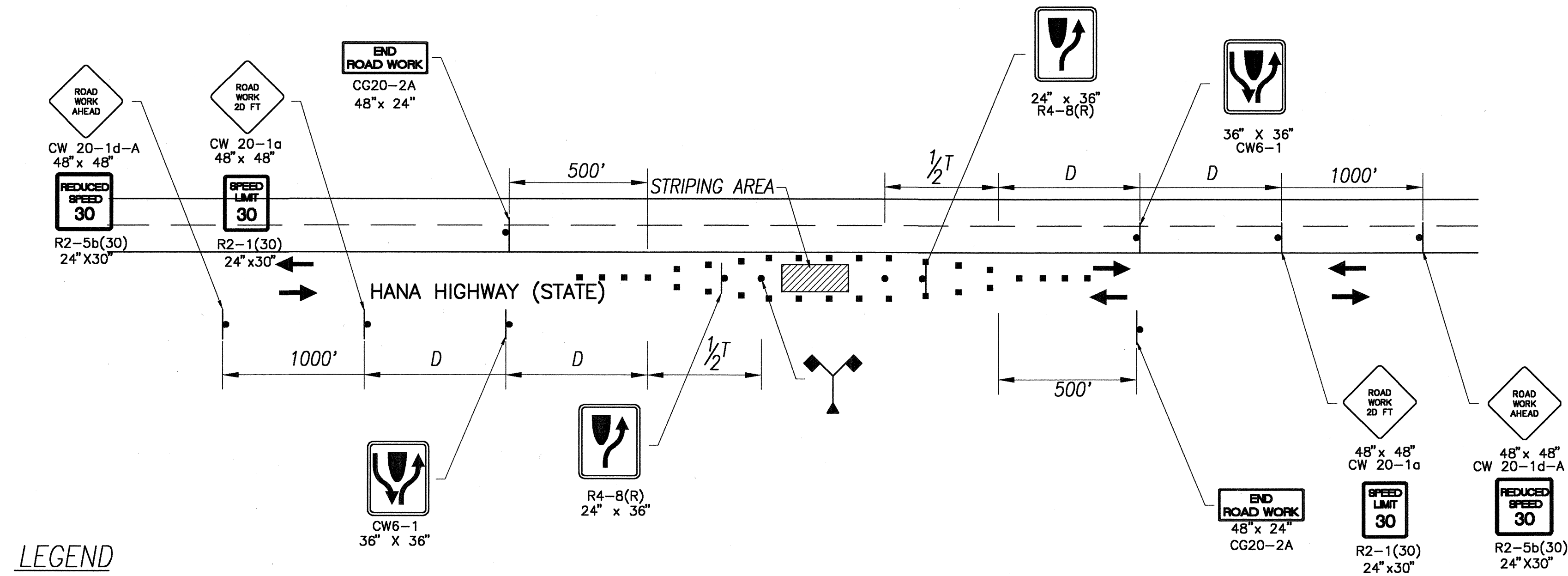
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
NOTE BOOK	No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	47	89



CRASH CUSHION NOTES:

- ⊙ Indicates module location and weight of sand in pounds for each module.
- All sand weights are nominal.
- Each module is to contain amount of sand indicated, supported according to the manufacturer's instructions.
- Crash cushions may be angled toward approaching traffic, but shall not exceed 10 degrees.



POSTED SPEED LIMIT (M.P.H.)	SIGN SPACING (D) (FEET)	TAPER LENGTH (T) (FEET)		LONGITUDINAL BUFFER SPACE (B) (FEET)	SPACING OF CONES OR DELINEATORS (FEET)		
		W=12' OR LESS ①	W=GREATER THAN 12' ①		TAPER	TANGENT	WORK AREA
20	250	200	W X 17	35	20	20	10
25	250	200	W X 17	55	25	25	10
30	250	250	W X 20	85	30	30	10
35	250	250	W X 20	120	35	35	10
40	500	350	W X 30	170	40	40	10
45	500	550	W X 45	220	45	45	10
50	1000	600	W X 50	280	50	50	10
55	1000	700	W X 55	335	55	55	10

NOTES:
① W = WIDTH OF LANE, SHOULDER OR OFFSET

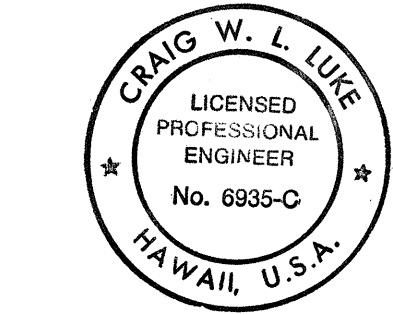
NOTES:

- CW20-1d SIGN REQUIRED FOR POSTED SPEED LIMIT OF 45 M.P.H. OR GREATER.
- CONES OR DELINEATORS SHALL BE INSTALLED AT 10' O.C. MAX.
- SIGN SPACING LENGTH (L) IS SHOWN IN TABLE 1.

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

LEGEND

- SIGN
- CONE OR DELINEATOR
- DIRECTION OF TRAFFIC
- POLICE OFFICER/FLAGMAN
- HIGH LEVEL WARNING DEVICE (FLAG TREE)



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CONSTRUCTION PHASING & TRAFFIC CONTROL PLAN - 4
HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE AND APPROACHES
F.A.P. Proj. No. BR-036-1(15)
Scale: None Date: June 30, 2000
SHEET No. C-45 OF 89 SHEETS