

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-02M	2002	29	92

NOTES FOR TRAFFIC CONTROL PLAN

- THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS AT INTERSECTIONS, DRIVEWAYS, BRIDGES, STRUCTURES, ETC., TO FIT FIELD CONDITIONS.
- CONES OR DELINEATORS SHALL BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
- TRAFFIC CONTROL DEVICES SHALL BE INSTALLED SUCH THAT THE SIGN OR DEVICE FARTEST FROM THE WORK AREA SHALL BE PLACED FIRST. THE OTHERS SHALL THEN BE PLACED PROGRESSIVELY TOWARD THE WORK AREA.
- 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.
- FLAGGERS AND/OR POLICE OFFICERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES.
- WHEN REQUIRED BY THE ISSUING OFFICE, THE CONTRACTOR SHALL INSTALL A FLASHING ARROW SIGNAL AS SHOWN ON THE TRAFFIC CONTROL PLANS.
- ALL TRAFFIC LANES SHALL BE A MINIMUM OF 10 FEET WIDE.
- ALL CONSTRUCTION WARNING SIGNS SHALL BE PROMPTLY REMOVED OR COVERED WHENEVER THE MESSAGE IS NOT APPLICABLE OR NOT IN USE.
- THE BACKS OF ALL SIGNS USED FOR TRAFFIC CONTROL SHALL BE APPROPRI-
ATELY COVERED TO PRECLUDE THE DISPLAY OF INAPPLICABLE SIGN
MESSAGES (I.E., WHEN SIGNS HAVE MESSAGES ON BOTH FACES).
- AT THE END OF EACH DAY'S WORK, OR AS SOON AS THE WORK IS
COMPLETED, THE CONTRACTOR 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 INSTAL-
LATION. REPLACE EXISTING FADED OR OBLITERATED PAVEMENT MARKINGS
THAT ARE NECESSARY FOR SAFE TRAFFIC FLOW IN THE CONSTRUCTION AREA
WITH TEMPORARY OR PERMANENT MARKINGS BEFORE OPENING THE ROADWAY
TO PUBLIC TRAFFIC EACH DAY.
- REPLACE PERMANENT PAVEMENT MARKINGS AND TRAFFIC SIGNS UPON
COMPLETION OF EACH PHASE OF WORK.
- THE CONTRACTOR SHALL CONTROL TRAFFIC IN AND OUT OF DRIVEWAYS.
- SIGN SPACING (L), TAPER LENGTHS (T) AND SPACING OF CONES OR
DELINEATORS SHALL BE AS SHOWN ON TABLE 1, ON THIS SHEET, UNLESS
OTHERWISE NOTED ON THE TRAFFIC CONTROL PLANS. POSTED SPEED
LIMIT IS 35 MPH ON MOANALUA FREEWAY AND 25 ON RAMPS.

LEGEND



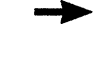
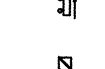




-  SIGN
-  CONE OR DELINEATOR
-  DIRECTION OF TRAFFIC
-  FLASHING ARROW SIGNAL
-  TYPE III BARRICADE
-  WORK AREA
-  FLAGGER AND/OR POLICE OFFICER
-  POLICE OFFICER

TABLE 1 FOR TRAFFIC CONTROL PLAN

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	Wx17	35	20	20	10
25	250	200	Wx17	55	25	25	10
30	250	250	Wx20	85	30	30	10
35	250	250	Wx20	120	35	35	10
40	500	350	Wx30	170	40	40	10
45	500	550	Wx45	220	45	45	10
50	1000	600	Wx50	280	50	50	10
55	1000	700	Wx55	335	55	55	10

NOTE:

① W=WIDTH OF LANE, SHOULDER, OR OFFSET

ORIGINAL PLAN	NOTE BOOK	No.	DATE	SURVEY PLOTTED BY	
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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

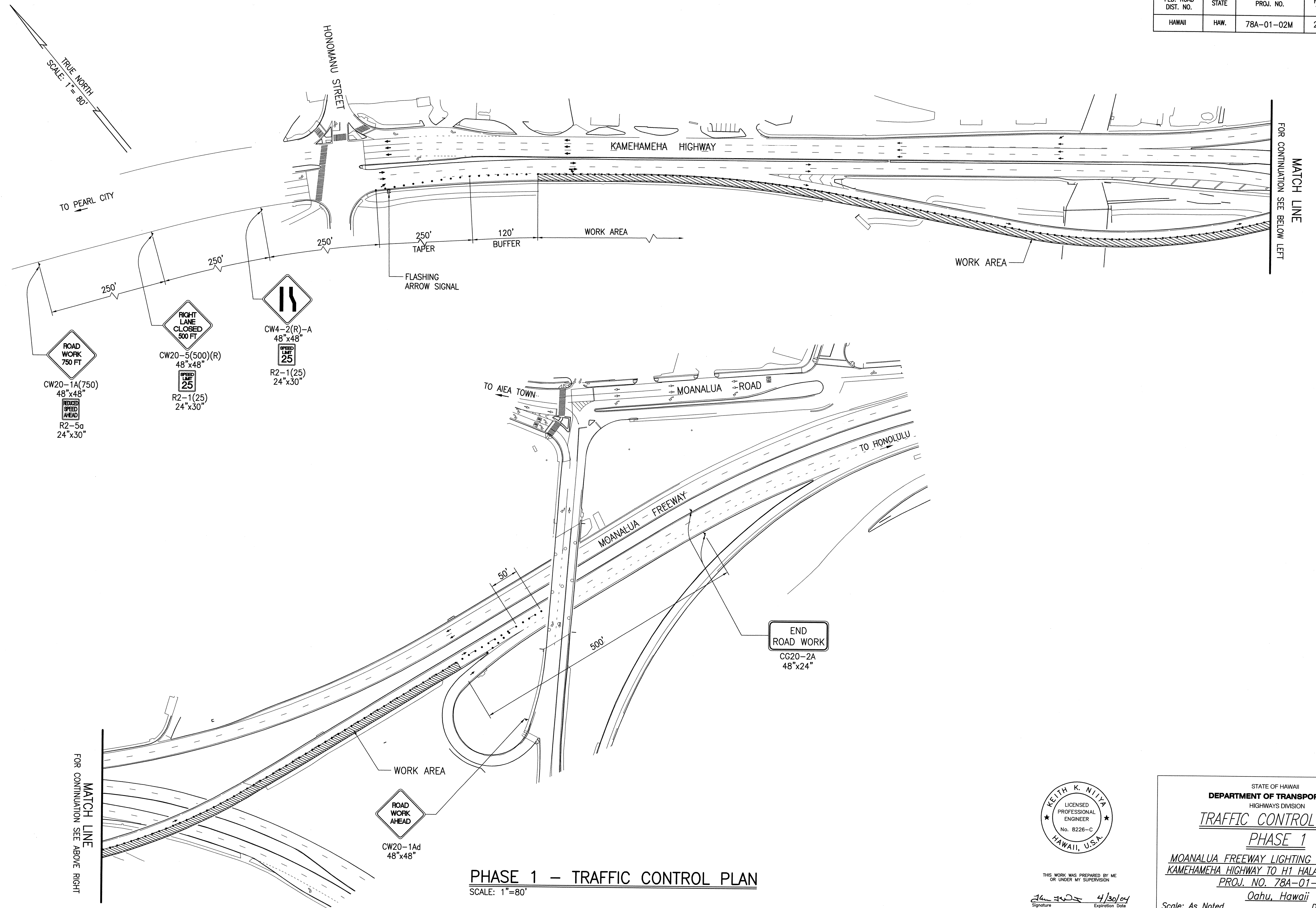
TRAFFIC CONTROL NOTES
AND LEGEND

MOANALUA FREEWAY LIGHTING IMPROVEMENTS
KAMEHAMEHA HIGHWAY TO H1 HALAWA INTERCHANGE
PROJ. NO. 78A-01-02M
Oahu, Hawaii

Scale: As Noted Date: May 2002

SHEET No. TC-1 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-02M	2002	30	92



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

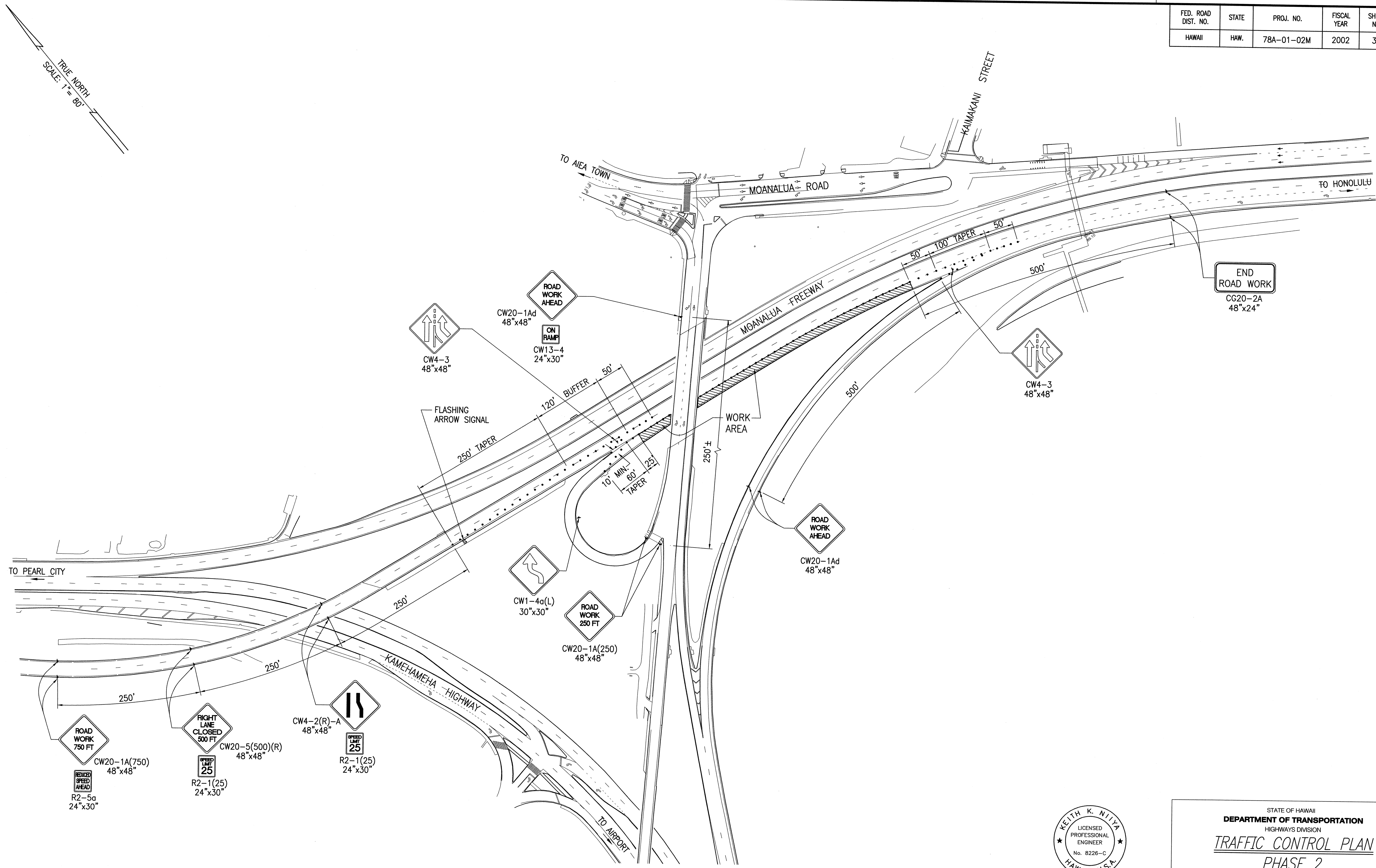
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QUANTITIES BY	
ORIGINAL PLAN	
NO.	



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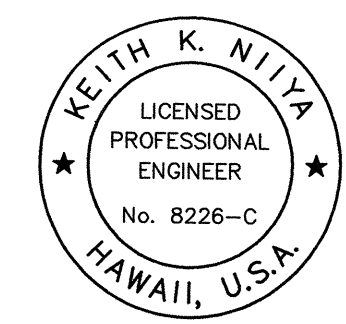
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
PHASE 1
MOANALUA FREEWAY LIGHTING IMPROVEMENTS
KAMEHAMEHA HIGHWAY TO H1 HALAWA INTERCHANGE
PROJ. NO. 78A-01-02M
Oahu, Hawaii
Scale: As Noted Date: May 2002
SHEET No. TC-2 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-02M	2002	31	92



DATE	_____
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NOTE BOOK	_____
No.	_____

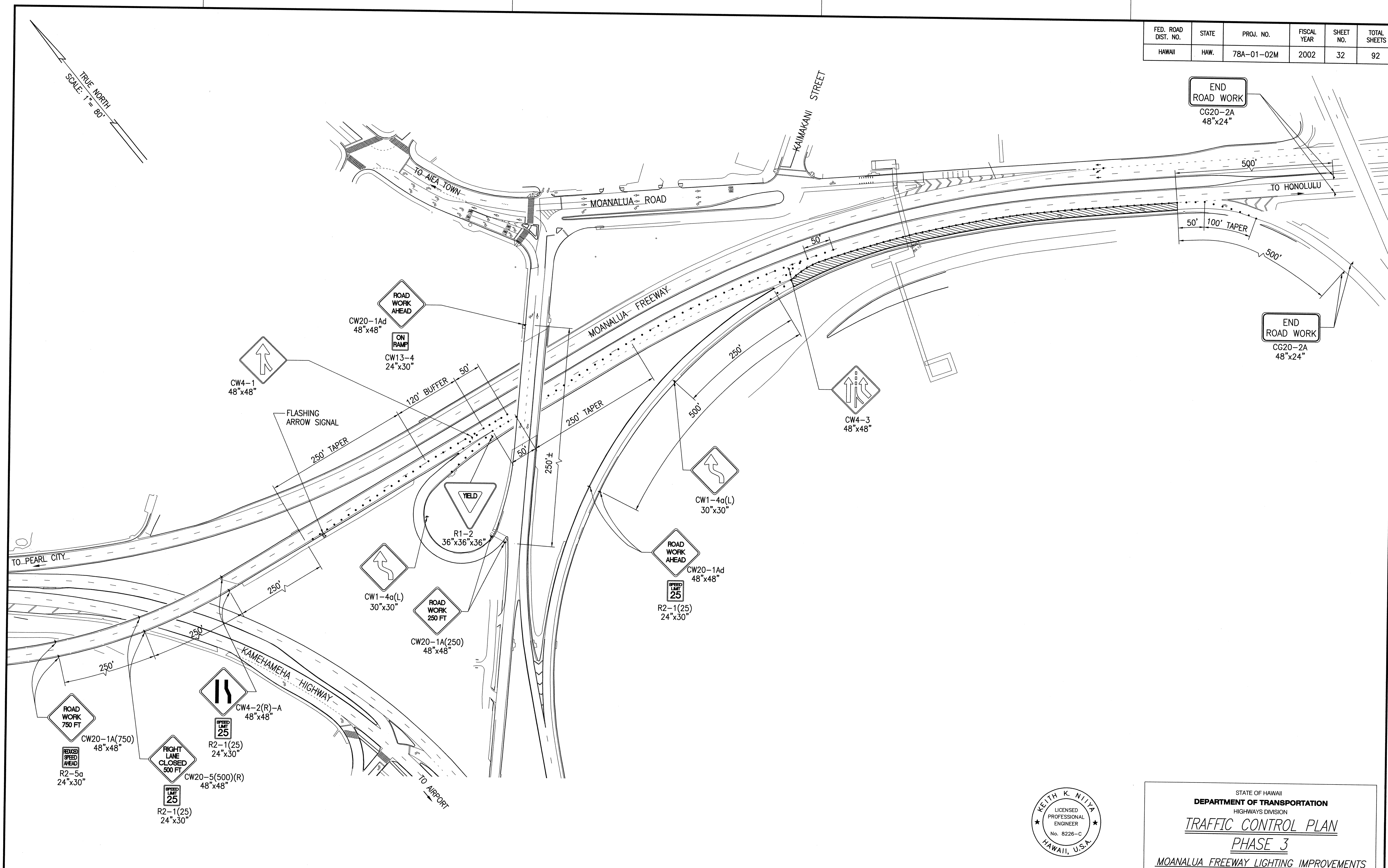
PHASE 2 – TRAFFIC CONTROL PLAN
SCALE: 1"=80'



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STATE OF HAWAII
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TRAFFIC CONTROL PLAN
PHASE 2
MOANALUA FREEWAY LIGHTING IMPROVEMENTS
KAMEHAMEHA HIGHWAY TO H1 HALAWA INTERCHANGE
PROJ. NO. 78A-01-02M
Oahu, Hawaii
Scale: As Noted Date: May 2002
SHEET No. TC-3 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-02M	2002	32	92



PHASE 3 - TRAFFIC CONTROL PLAN
SCALE: 1"=80'

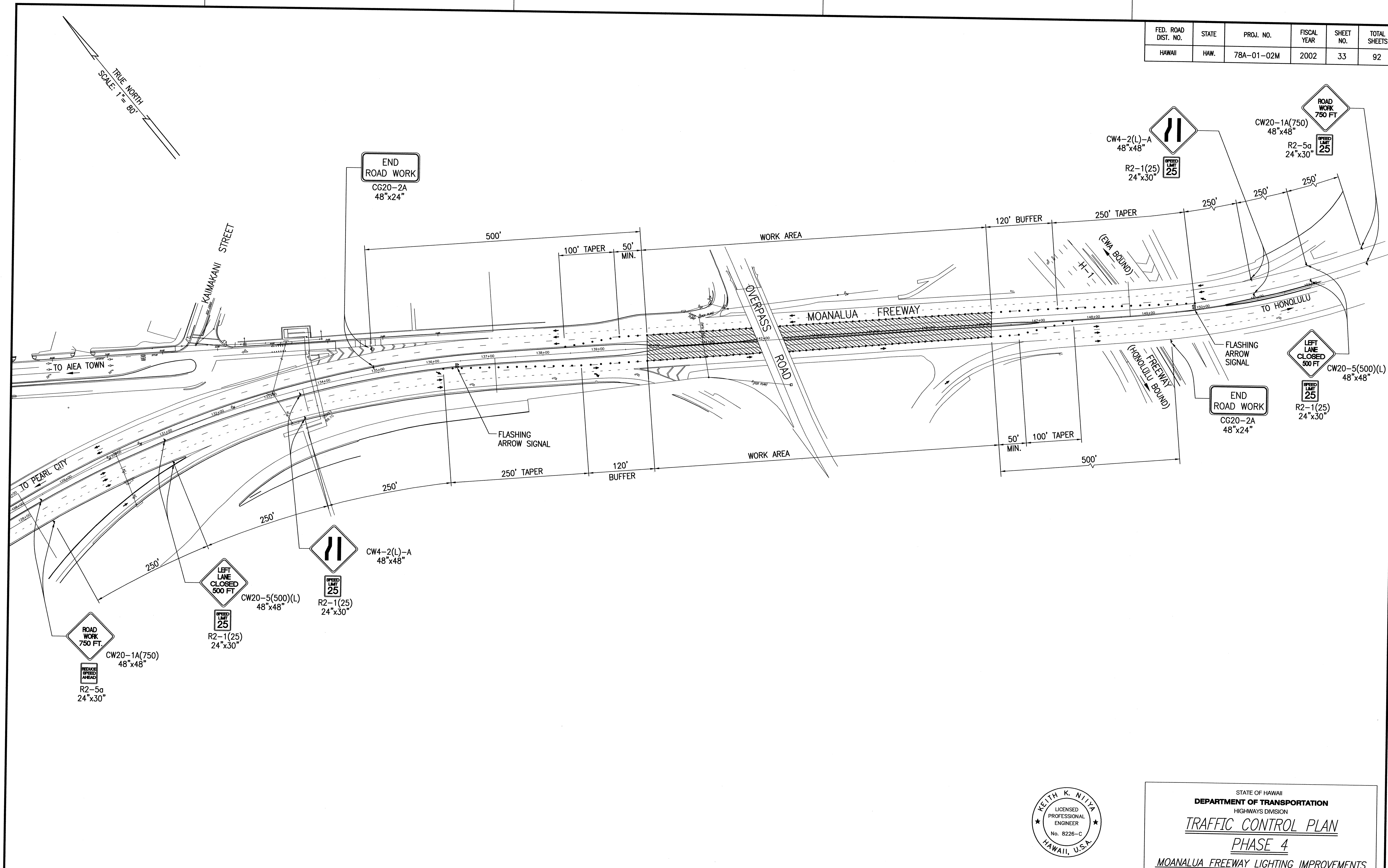
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ORIGINAL PLAN	_____
NOTE BOOK	_____
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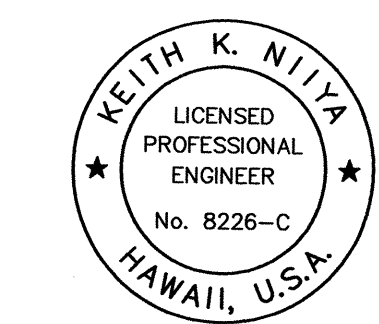
STATE OF HAWAII
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HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
PHASE 3
MOANALUA FREEWAY LIGHTING IMPROVEMENTS
KAMEHAMEHA HIGHWAY TO H1 HALAWA INTERCHANGE
PROJ. NO. 78A-01-02M
Oahu, Hawaii
Scale: As Noted Date: May 2002
SHEET No. TC-4 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-02M	2002	33	92



DATE	_____
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QUANTITIES BY	_____
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NOTE BOOK	_____
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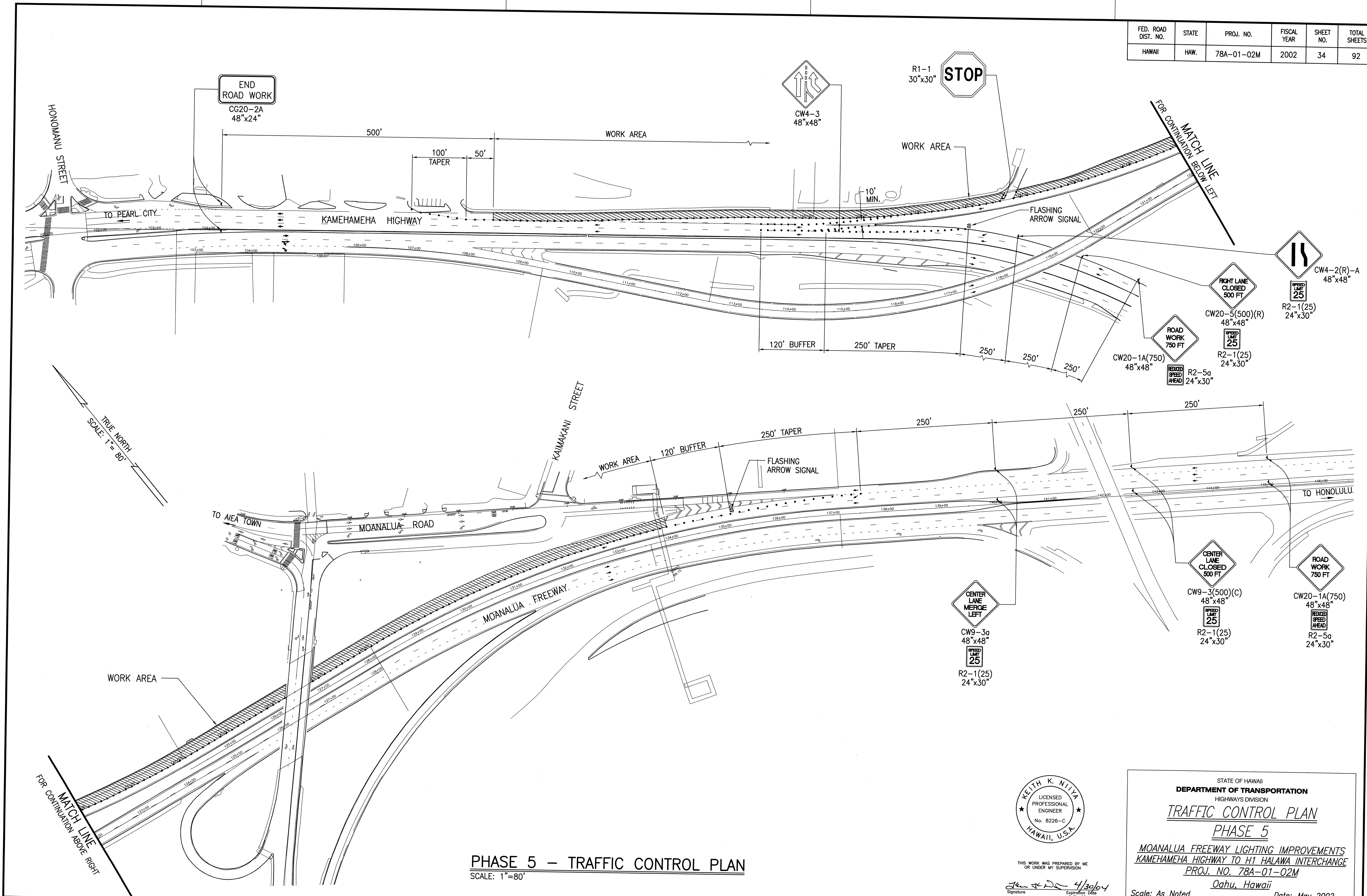
PHASE 4 - TRAFFIC CONTROL PLAN
SCALE: 1"=80'



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PHASE 4
MOANALUA FREEWAY LIGHTING IMPROVEMENTS
KAMEHAMEHA HIGHWAY TO H1 HALAWA INTERCHANGE
PROJ. NO. 78A-01-02M
Oahu, Hawaii
Scale: As Noted Date: May 2002
SHEET No. TC-5 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-02M	2002	34	92



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PHASE 5 - TRAFFIC CONTROL PLAN
SCALE: 1"=80'

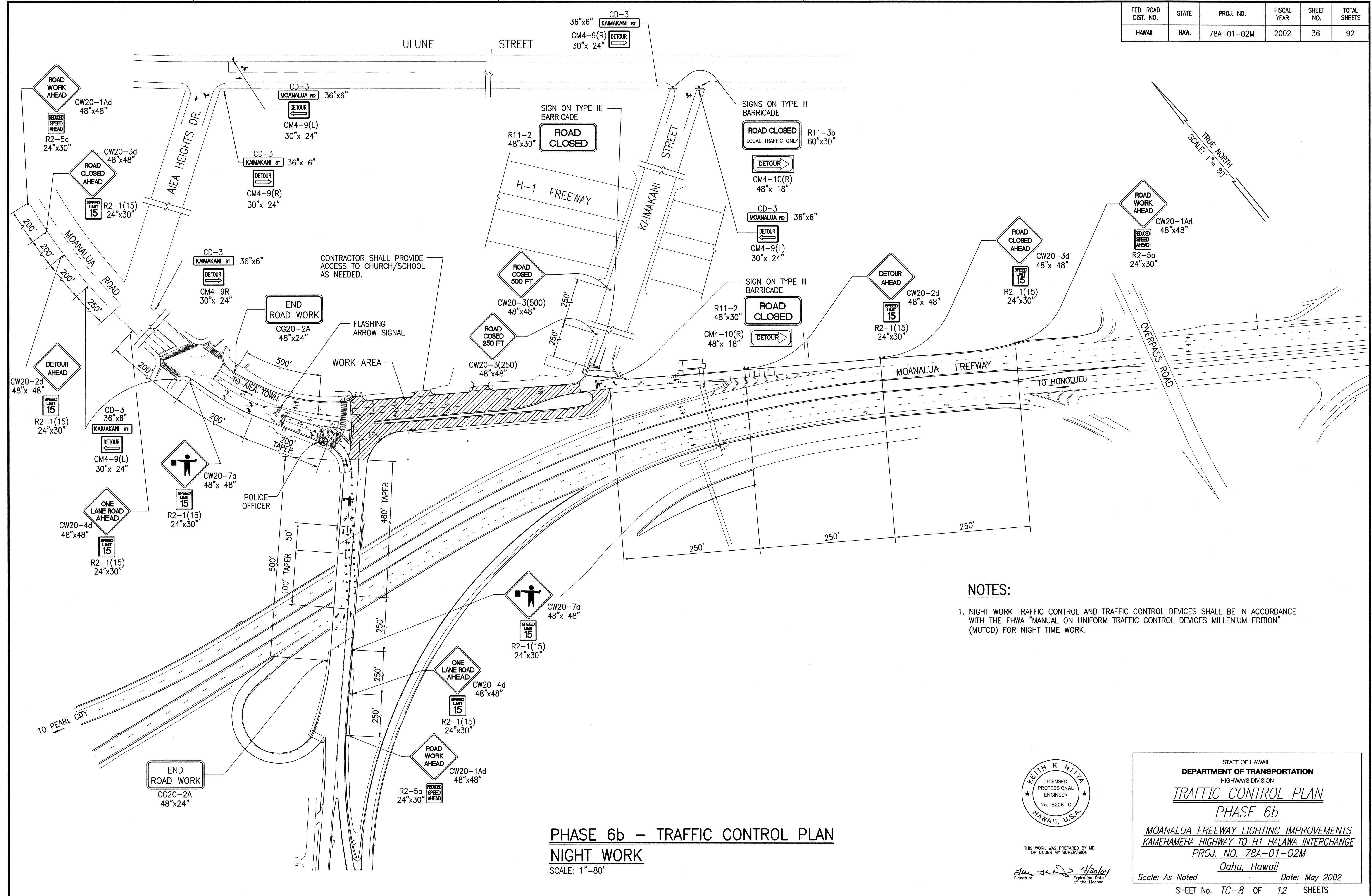


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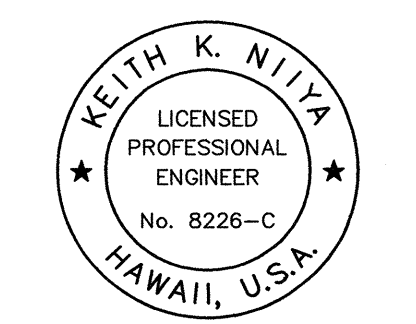
STATE OF HAWAII
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TRAFFIC CONTROL PLAN
PHASE 5
MOANALUA FREEWAY LIGHTING IMPROVEMENTS
KAMEHAMEHA HIGHWAY TO H1 HALAWA INTERCHANGE
PROJ. NO. 78A-01-02M
Oahu, Hawaii

Scale: As Noted
Date: May 2002
SHEET No. TC-6 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-02M	2002	36	92



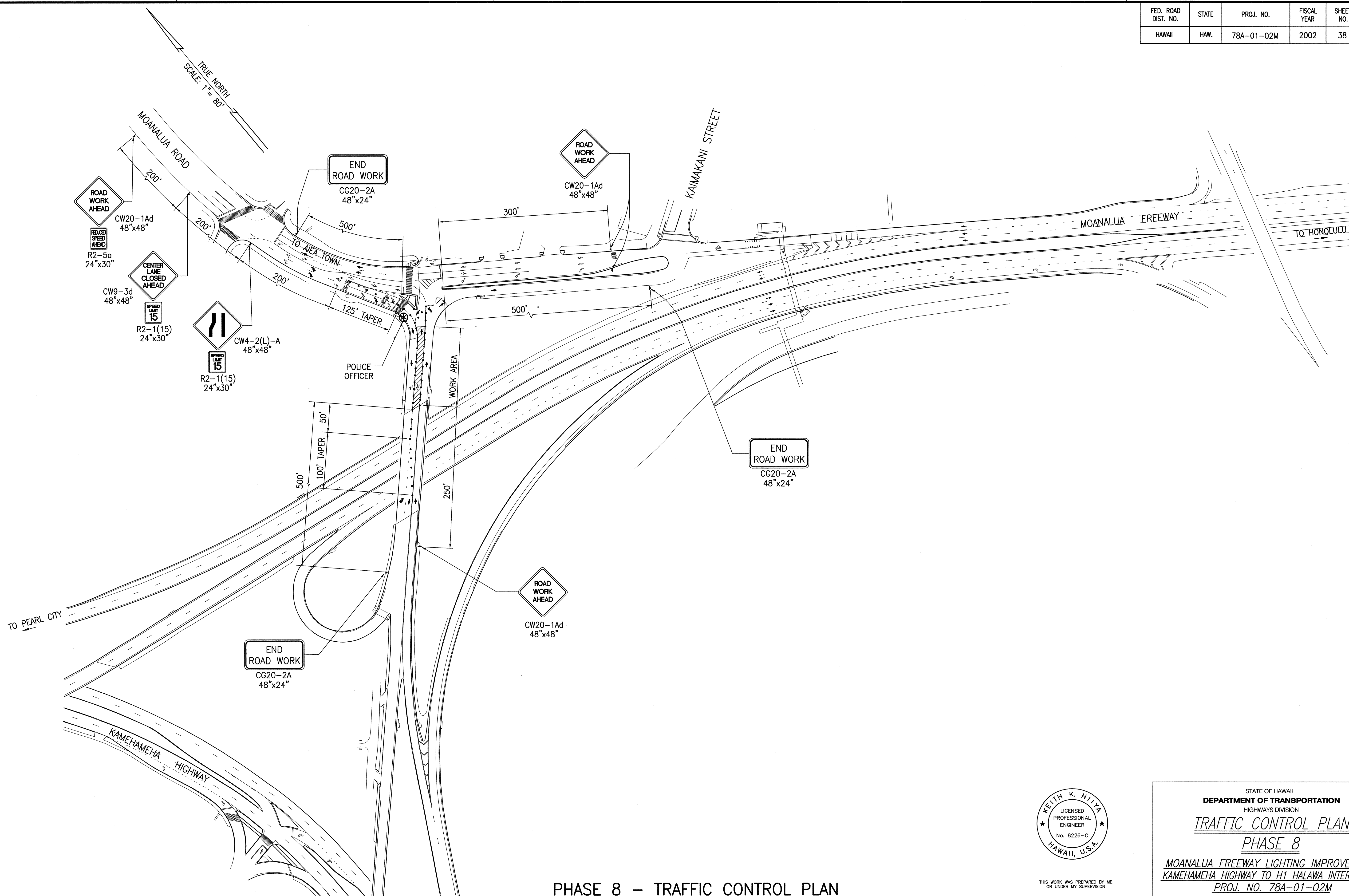
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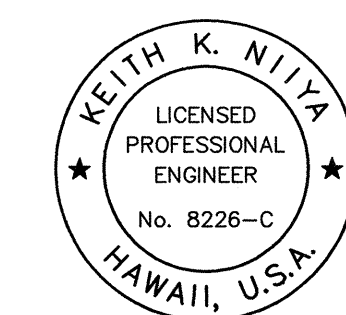
STATE OF HAWAII
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 HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
PHASE 6b
 MOANALUA FREEWAY LIGHTING IMPROVEMENTS
 KAMEHAMEHA HIGHWAY TO H1 HALAWA INTERCHANGE
 PROJ. NO. 78A-01-02M
 Oahu, Hawaii
 Scale: As Noted Date: May 2002
 SHEET No. TC-8 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-02M	2002	38	92



PHASE 8 - TRAFFIC CONTROL PLAN
SCALE: 1"=80'

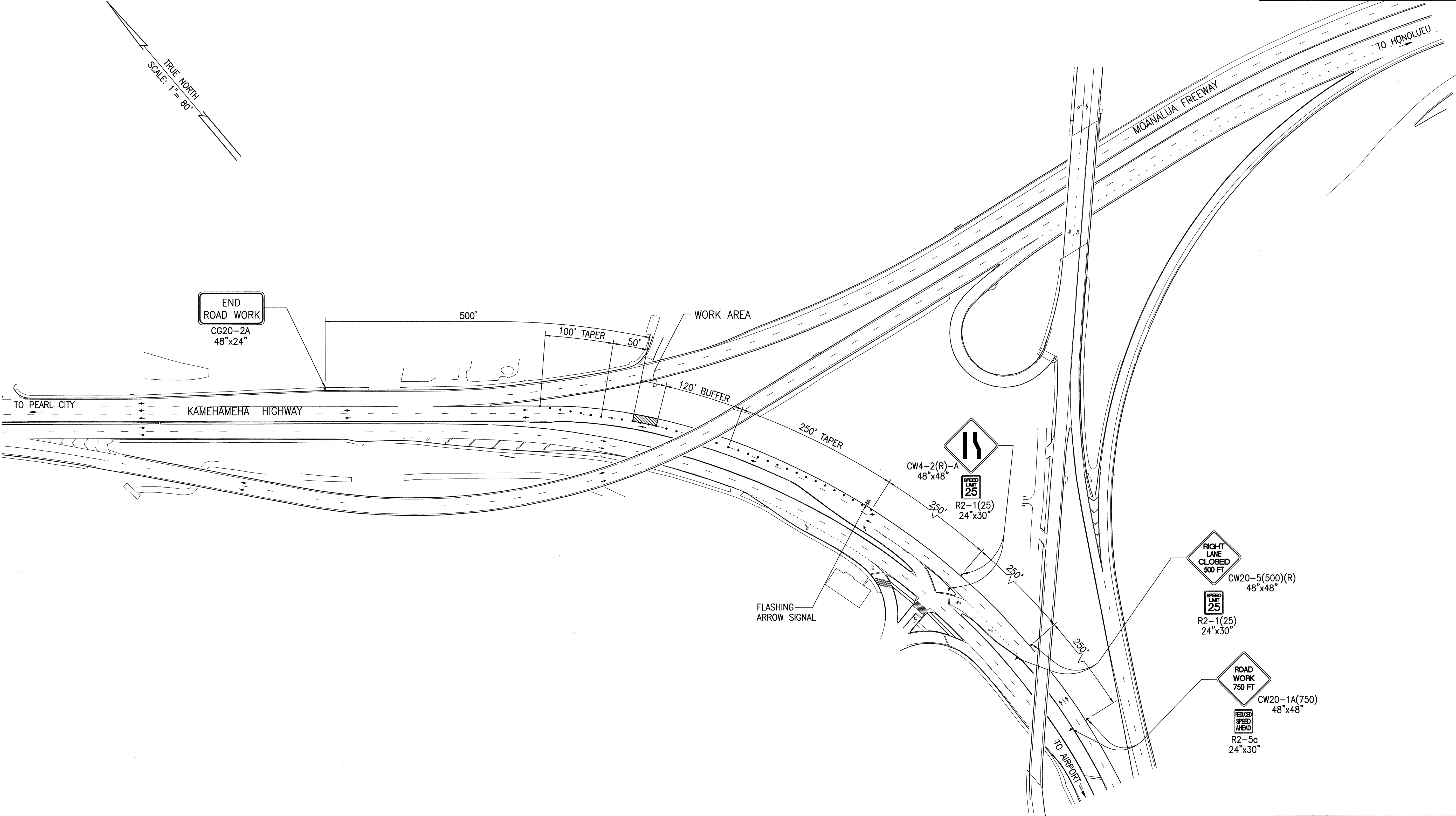
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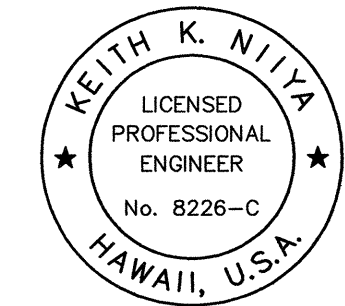
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TRAFFIC CONTROL PLAN
PHASE 8
MOANALUA FREEWAY LIGHTING IMPROVEMENTS
KAMEHAMEHA HIGHWAY TO H1 HALAWA INTERCHANGE
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Oahu, Hawaii
Scale: As Noted Date: May 2002
SHEET No. TC-10 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-02M	2002	40	92



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NOTE BOOK	
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PHASE 10 – TRAFFIC CONTROL PLAN SCALE: 1"=80'



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STATE OF HAWAII
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PHASE 10
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SHEET No. TC-12 OF 12 SHEETS