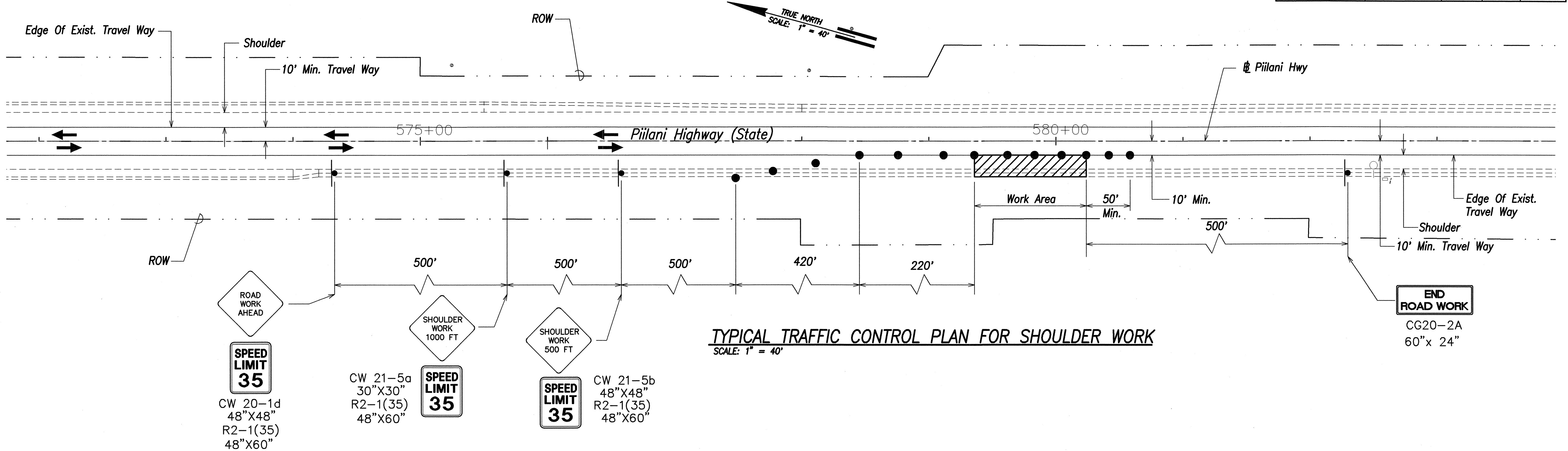


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	31AB-01-02	2002	105	124



GENERAL NOTES FOR TRAFFIC CONTROL:

- The permittee 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 farthest 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 permittee shall install a flashing arrow signal as shown on the traffic control plans.
- Sign spacings (L), taper lengths (T) and spacings of cones or delineators shall be as shown in Table 1, unless otherwise noted 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 appropriately 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 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.
- Replace permanent pavement markings and traffic signs upon completion of each phase of work.
- All work zone traffic control devices shall comply with the "statewide guideline for work zone traffic control devices" dated September 13, 2000.
- All existing speed limit signs covered during the lane closure period shall be uncovered upon the removal of the lane closure, including construction warning/regulation signs.
- All existing speed limit signs within the traffic control plan limits shall be covered to preclude their display during implementation of traffic control plan. The contractor shall ensure the covered signs are restored upon the removal of the traffic control devices covering of existing speed limit signs shall be considered incidental to various traffic control devices.
- Two thru lanes (one in each direction) along Piilani Highway shall remain open at all times.

LEGEND

- Cone or Delineator
- Sign
- ▨ Work Area
- ➔ Direction of Traffic

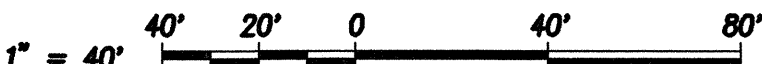
POSTED SPEED LIMIT: 45 MPH

TABLE 1 – FOR TRAFFIC CONTROL PLAN

Posted Speed Limit (mph) ①	Sign Spacing (D) (feet)	Taper Length (T) (feet)		Longitudinal Buffer Space (B) (feet)	Spacing of Cones or Delineators (feet)		
		W=12' ② or Less	W Greater than 12' ②		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

- Use advisory speeds when posted
- W = Width of lane, shoulder, or offset

GRAPHIC SCALE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

SIGNATURE: *[Signature]* DATE: 5/1/02

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

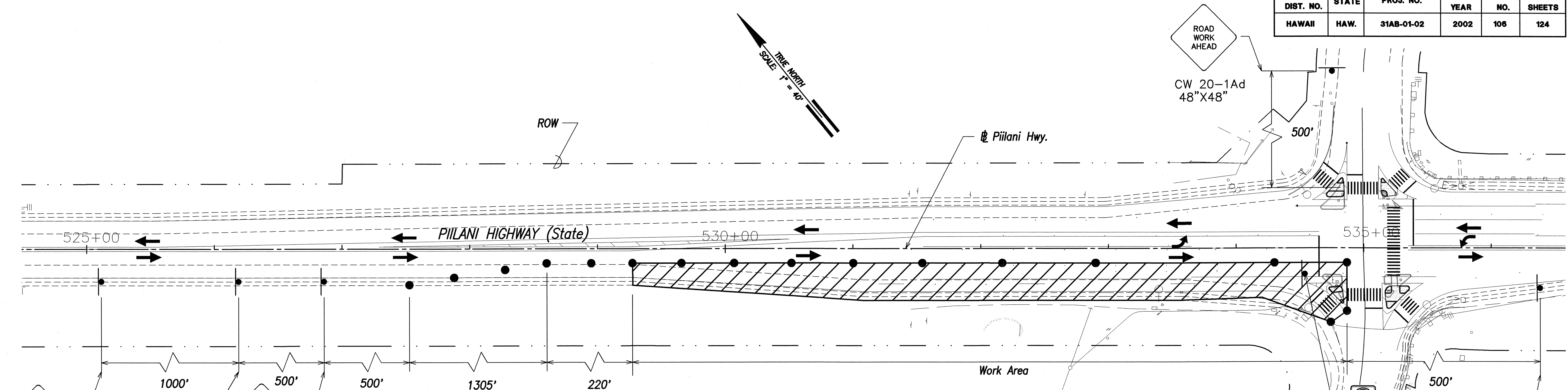
TRAFFIC CONTROL PLAN – 1

PIILANI HIGHWAY INTERIM WIDENING
Project No. 31AB-01-02

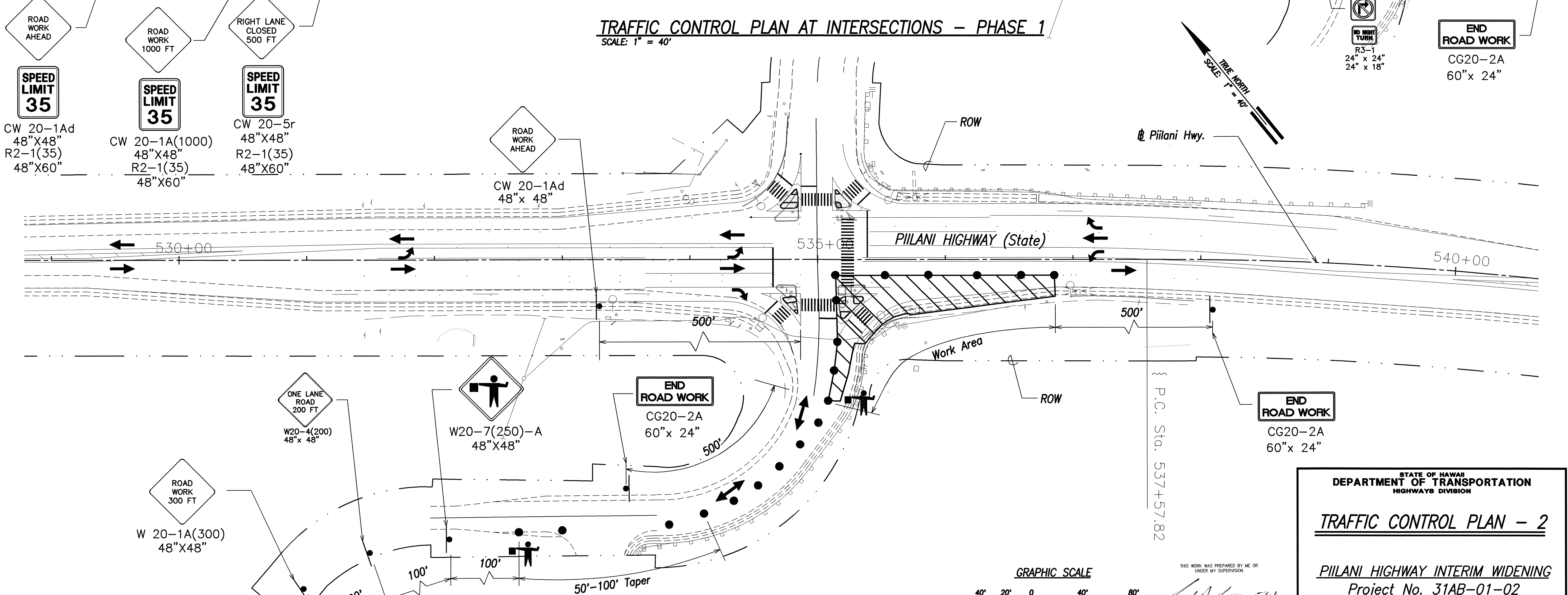
Scale: 1" = 40' Date: May 1, 2002

SHEET No.C-103 OF 124 SHEETS

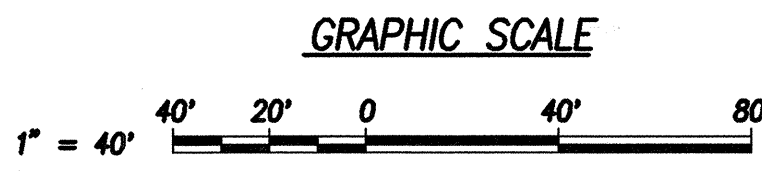
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	31AB-01-02	2002	106	124



TRAFFIC CONTROL PLAN AT INTERSECTIONS - PHASE 1
SCALE: 1" = 40'



TRAFFIC CONTROL PLAN AT INTERSECTIONS - PHASE 2
SCALE: 1" = 40'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 [Signature] DATE 5/1/02

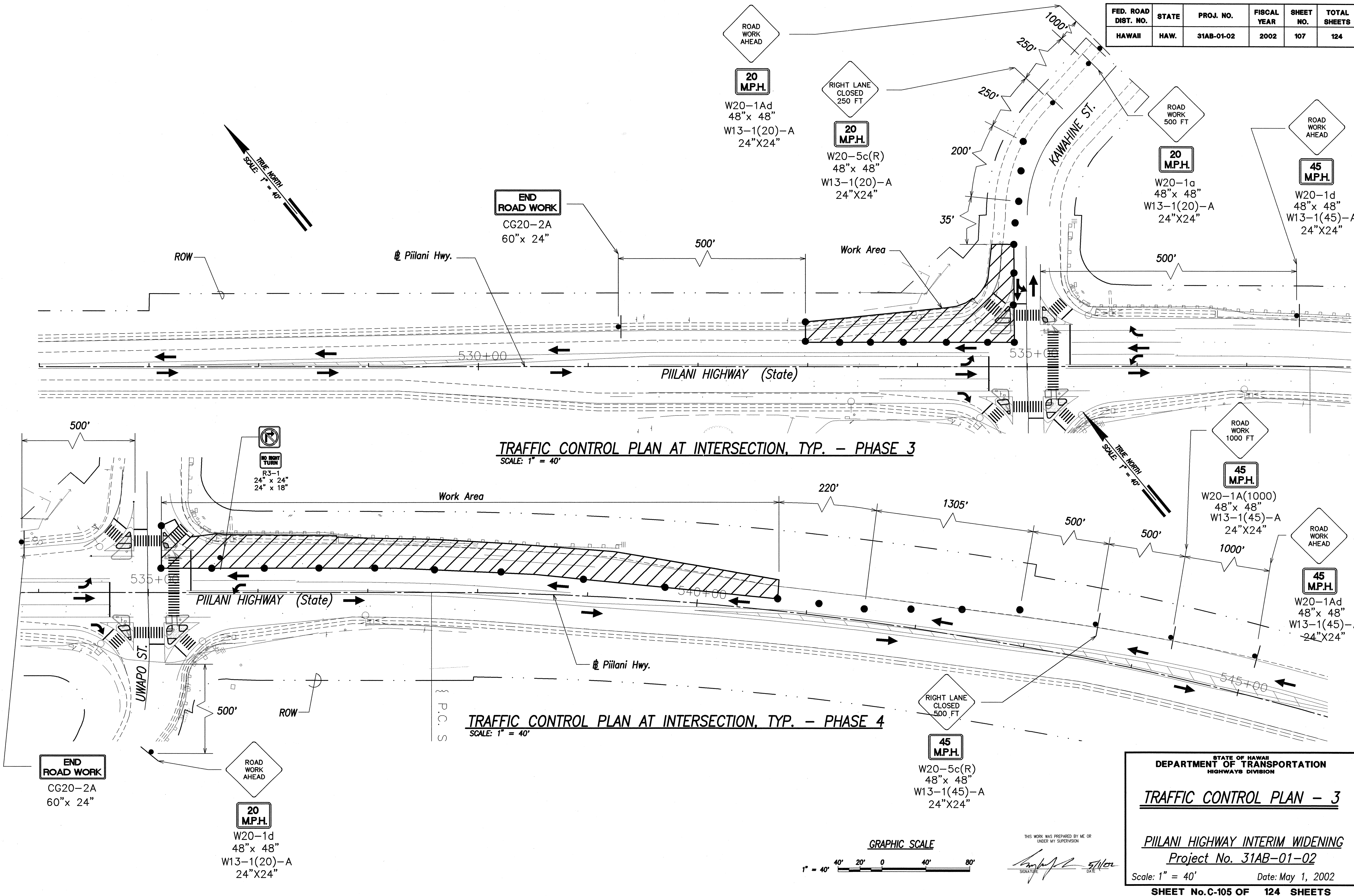
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN - 2

PIILANI HIGHWAY INTERIM WIDENING
Project No. 31AB-01-02
Scale: 1" = 40' Date: May 1, 2002
SHEET No.C-104 OF 124 SHEETS

DATE	_____
SURVEY LOCATED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
No.	_____

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	31AB-01-02	2002	107	124



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NO. _____	_____