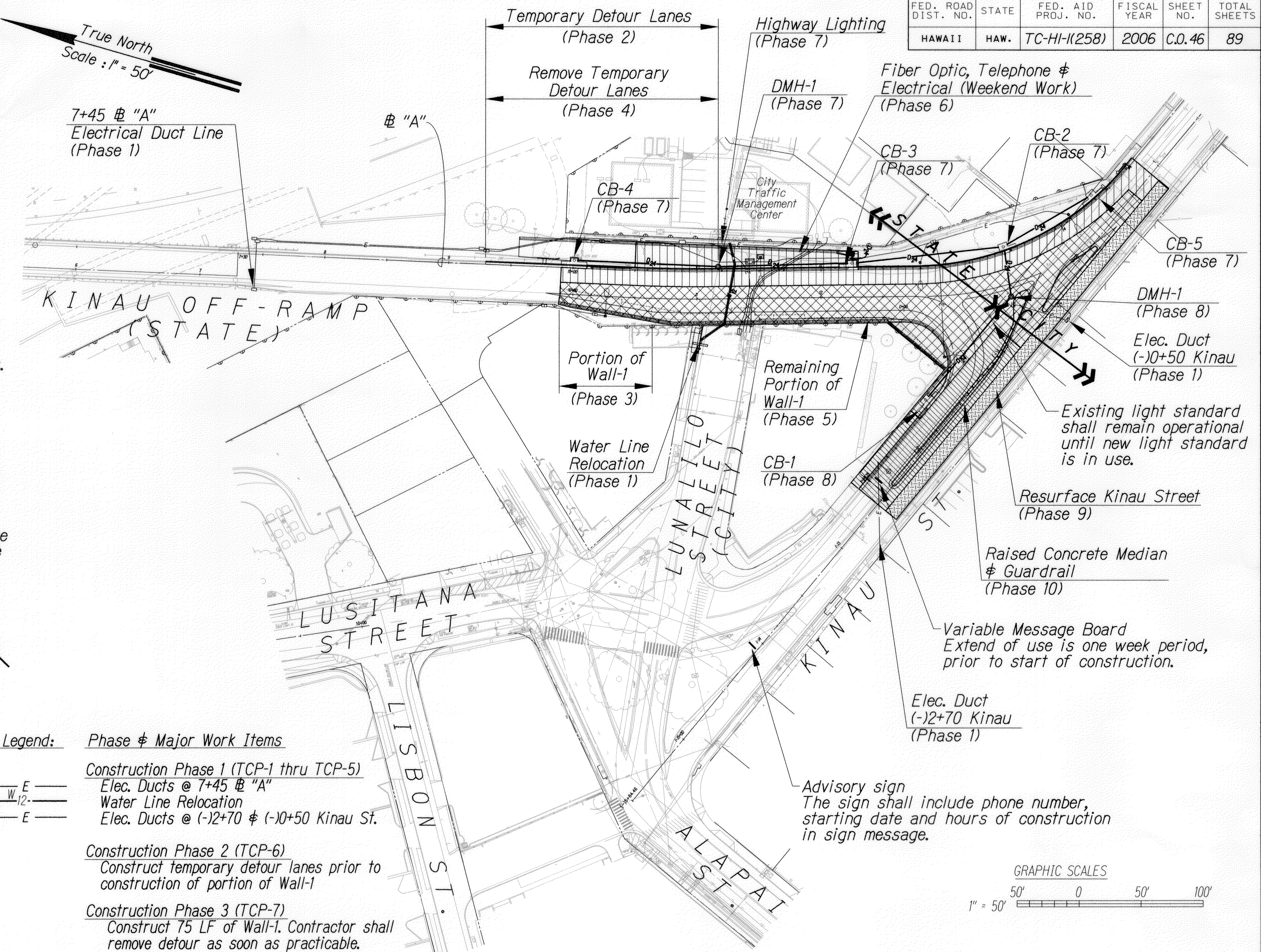


General Notes For Traffic Control Plan:

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 plans.
7. 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.
8. All traffic lanes shall be a minimum of 10 feet wide.
9. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
10. The backs of all signs used for traffic control shall be appropriately covered to preclude the display of inapplicable sign message (i.e., when sign have messages on both faces).
11. 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.
12. Replace permanent pavement markings and traffic signs upon completion of each phase of work.
13. All work zone traffic control devices shall comply with the "Statewide Guideline for Work Zone Traffic Control Devices", dated September 13, 2000.

Notes:

1. Highway drainage shall be maintained at all times during construction. This work shall be incidental to the contract items.
2. Existing highway lighting shall remain operational until new highway lighting is in use.
3. The Contractor shall maintain two lanes of traffic flow on the Kinau Street Off-Ramp before and after work hours as stated in Item 3, sheet 4, of this plan set.
4. Relocation of fiber optic, telephone and electrical duct lines to the City's Traffic Management Center (TMC), may require successive weekend closures of one lane along the Kinau Street Off Ramp for the duration of the weekend. The Contractor shall maintain one lane for traffic flow during the weekend at all times. The Contractor shall provide two mobile variable message boards to inform the public of the closures. The message boards shall provide two weeks prior notice to the public. The location of the message boards shall be coordinated with the Engineer. The message boards shall provide continuous messages to the public for the duration of the project. Message boards shall be incidental to traffic control lump sum and will not be paid for separately.
5. The Contractor shall provide a third mobile variable message board for a one week period prior to start of construction, to inform the public of the closures. Message boards shall be incidental to traffic control lump sum and will not be paid for separately.
6. The Contractor shall locate one of the advisory signs (as specified in 645.03(G) Advisory Signs) as shown on this sheet. Final location of all advisory signs shall be designated by the Engineer.



Legend: Phase & Major Work Items

- Construction Phase 1 (TCP-1 thru TCP-5)
- Elec. Ducts @ 7+45 # "A"
 - Water Line Relocation
 - Elec. Ducts @ (-12+70 & (-10+50 Kinau St.

- Construction Phase 2 (TCP-6)
- Construct temporary detour lanes prior to construction of portion of Wall-1
- Construction Phase 3 (TCP-7)
- Construct 75 LF of Wall-1. Contractor shall remove detour as soon as practicable.

- Construction Phase 4 (TCP-6)
- Remove temporary detour lanes. Reconstruct curb & gutter, CB-4 & grouted rubble paving.

- Construction Phase 5 (TCP-8)
- Construct remaining portion of Wall-1.

- Construction Phase 6 (TCP-9)
- Fiber Optic Relocation
 - Telephone Relocation
 - Electrical Relocation

- Construction Phase 7 (TCP-10)
- Drainage System (Portion)
 - Highway Lighting (Portion)
 - Curb & Gutter Sta. 10+11± To 14+00± # "A"
 - Pavement Widening

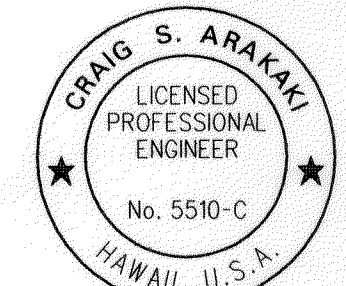
CONSTRUCTION PHASING PLAN

Scale: 1" = 50'

- Construction Phase 8 (TCP-11)
- Curb And Gutter
 - Drainage System (Rest)
 - Highway Lighting (Rest)
 - Islands
 - Pavement Widening

- Construction Phase 9 (TCP-12)
- Repave Kinau Street

- Construction Phase 10 (TCP-13)
- Raised Concrete Median
 - Guardrail Paving



LICENSE EXP. DATE 04-30-12
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN H.A.R. TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TC-H1-1(258)	2006	C.O.46	89

12/5/07 Replace Sheet

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

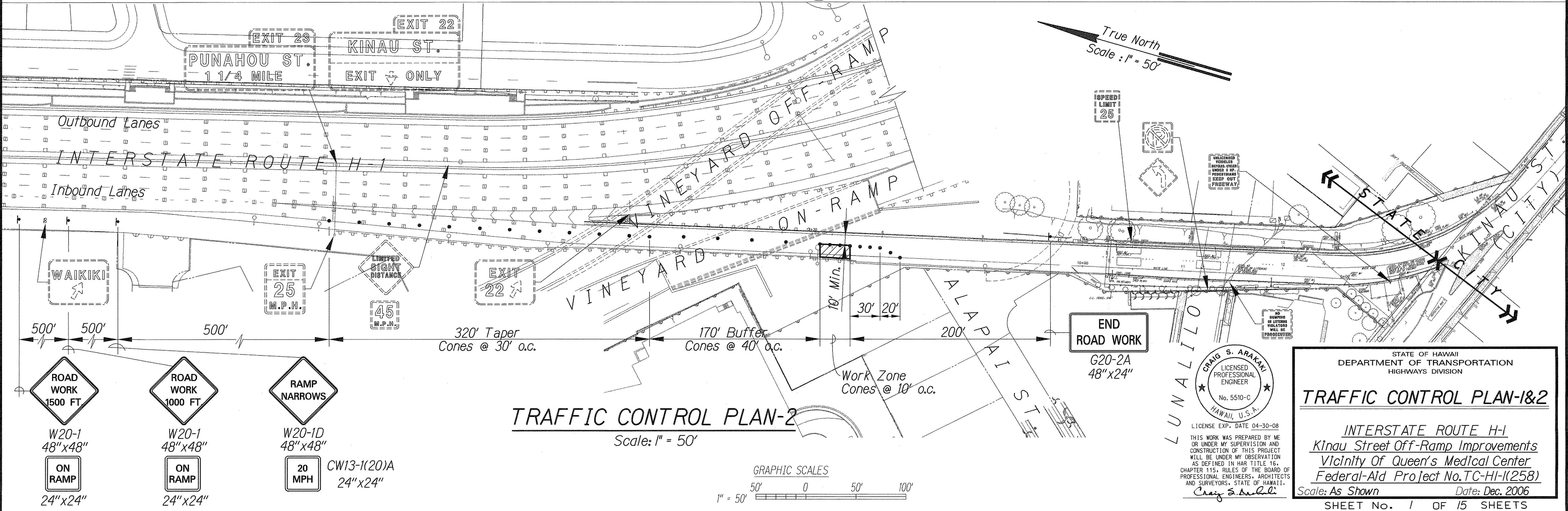
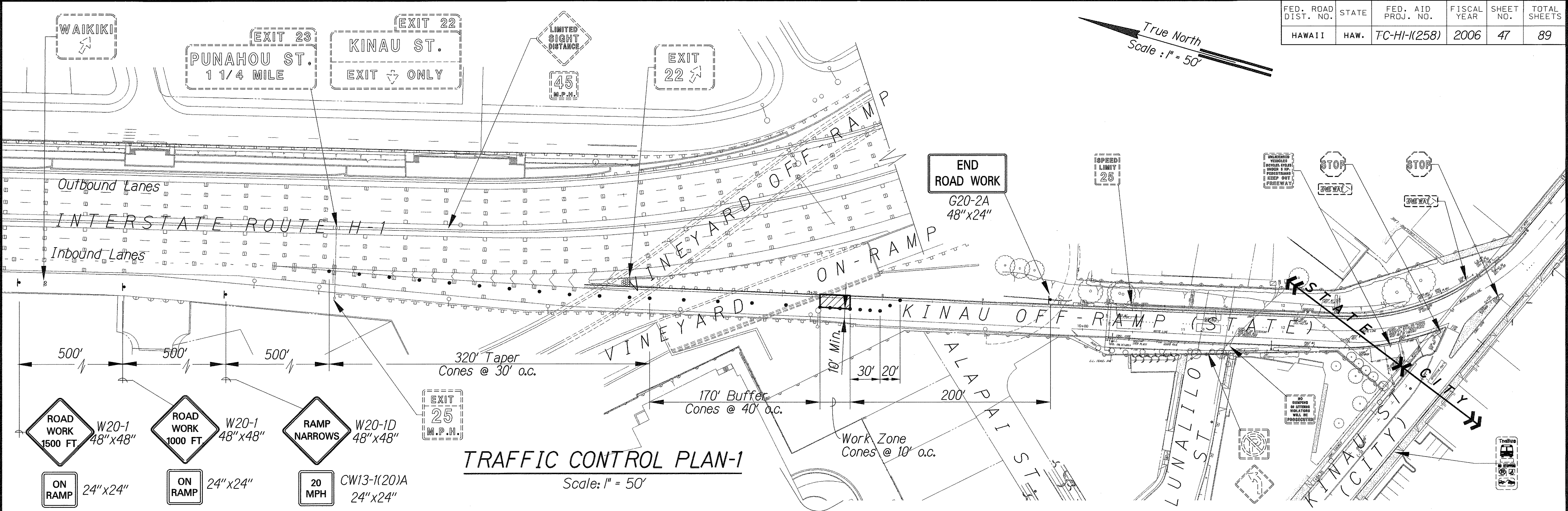
CONSTRUCTION PHASING PLAN

INTERSTATE ROUTE H-1
Kinau Street Off-Ramp Improvements
Vicinity Of Queen's Medical Center
Federal-Aid Project No. TC-H1-1(258)

Scale: As Shown Date: Dec. 2006

SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TC-HI-K(258)	2006	47	89



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

CRAIG S. ARAKAKI
LICENSED PROFESSIONAL ENGINEER
No. 5510-C
HAWAII, U.S.A.
LICENSE EXP. DATE 04-30-08

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN H.A.R. TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.

Craig S. Arakaki

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

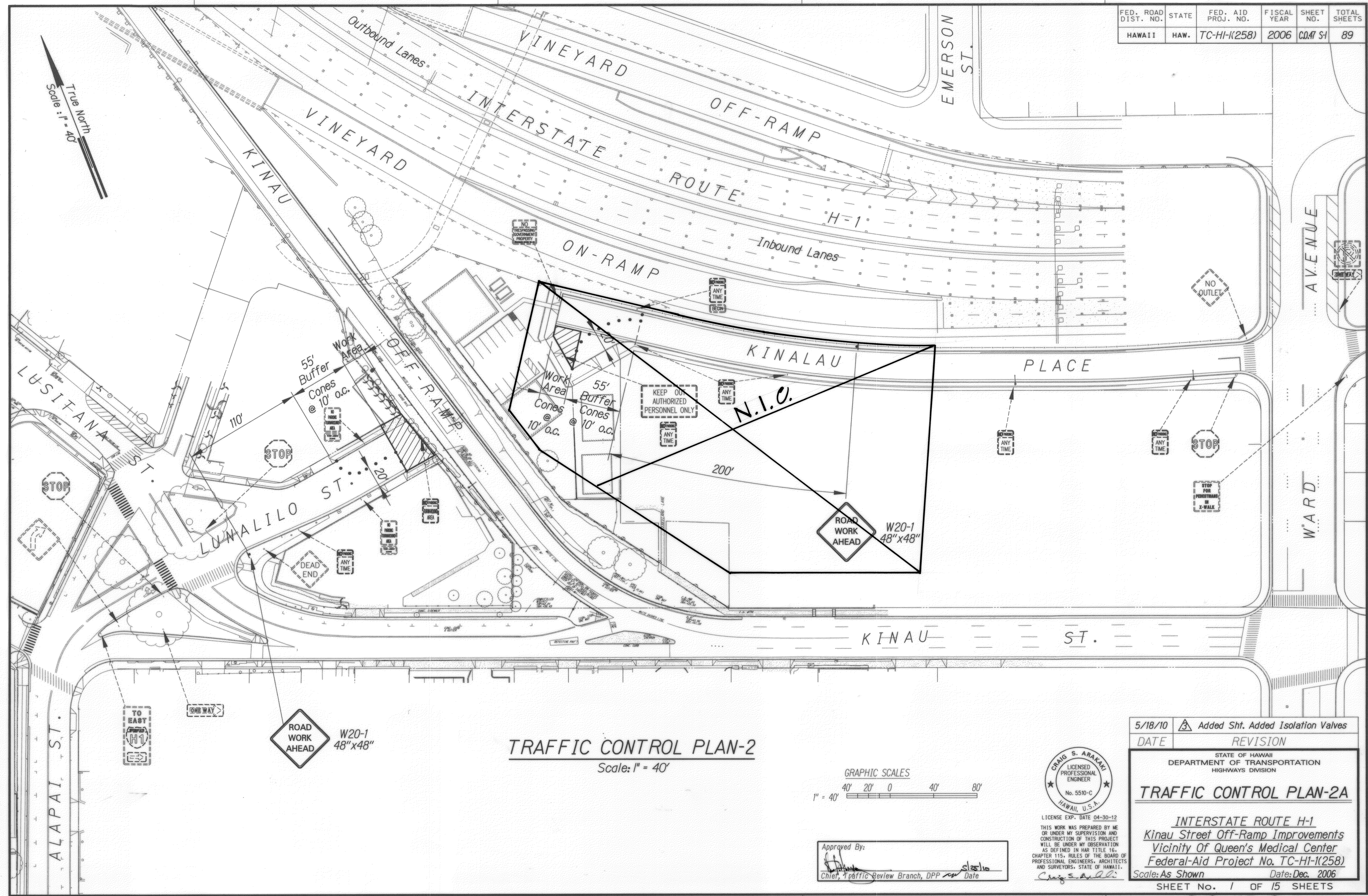
TRAFFIC CONTROL PLAN-1&2

INTERSTATE ROUTE H-1
Kinau Street Off-Ramp Improvements
Vicinity Of Queen's Medical Center
Federal-Aid Project No. TC-HI-K(258)

Scale: As Shown Date: Dec. 2006

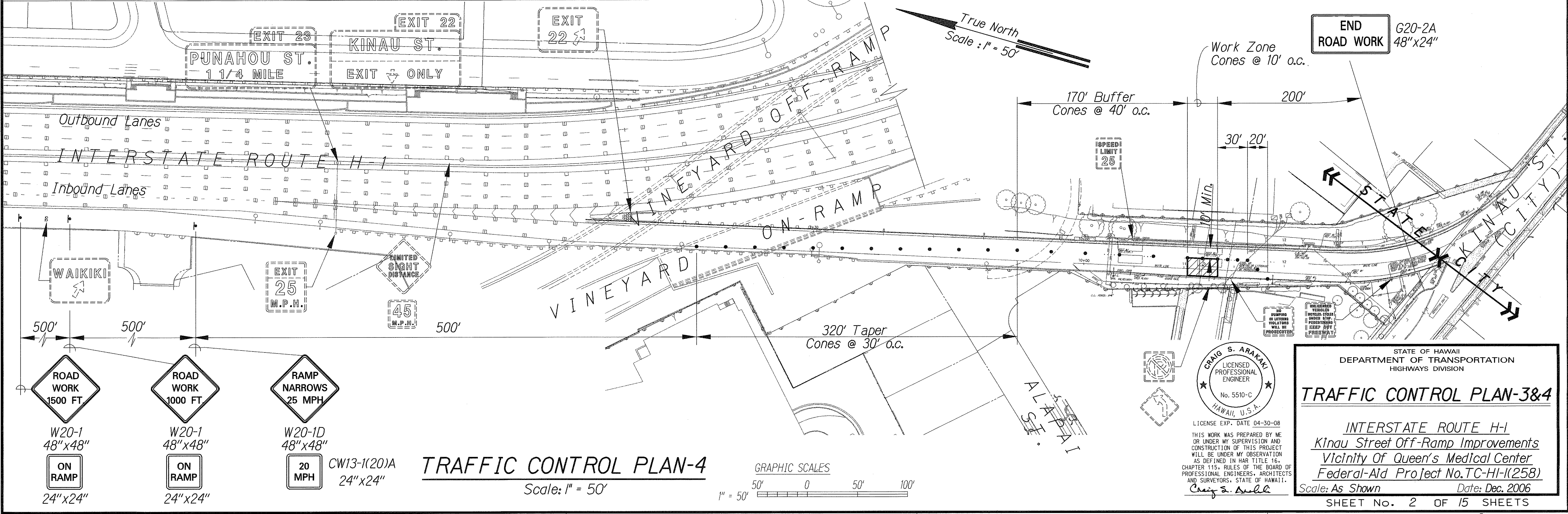
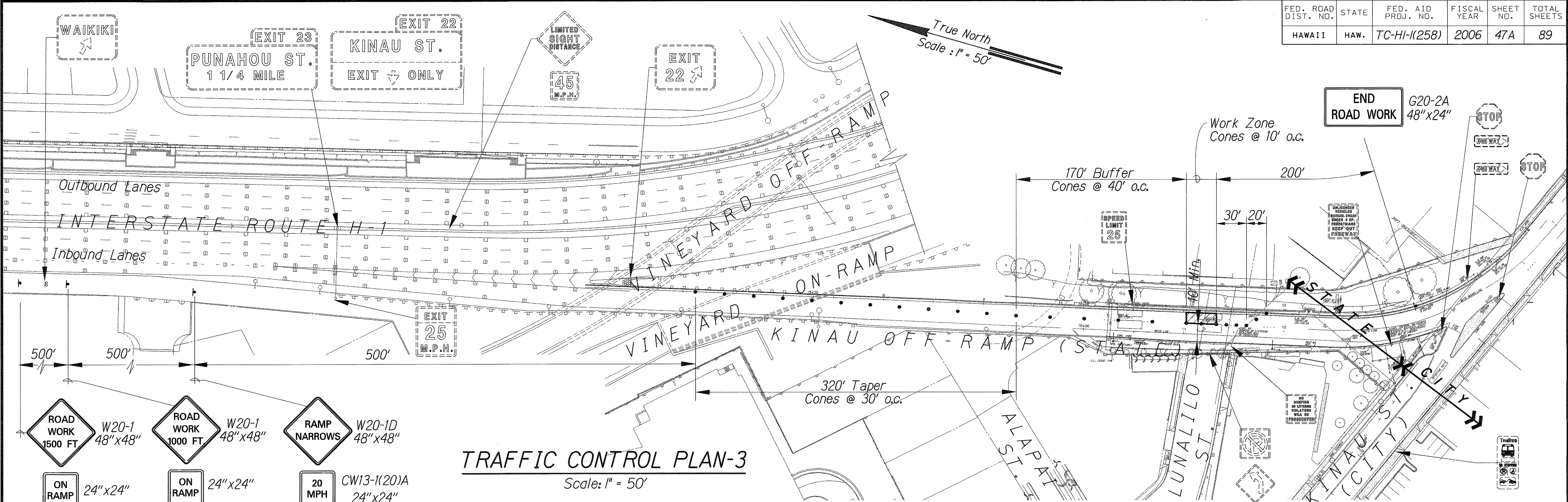
SHEET NO. 1 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TC-HI-1(258)	2006	C.O. 47 S-1	89



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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TC-HI-K(258)	2006	47A	89



SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

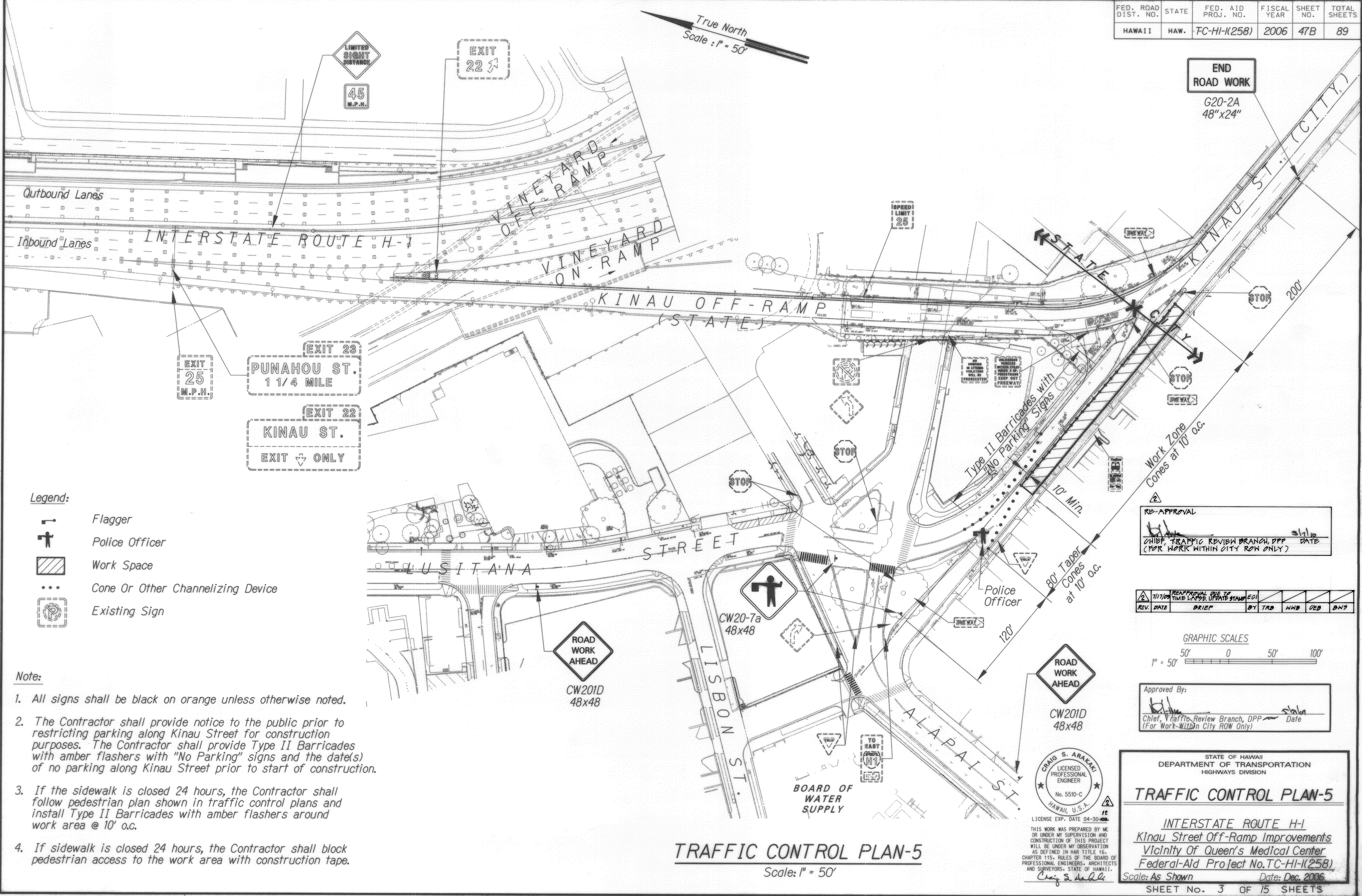
CRAIG S. ARAKAKI
LICENSED PROFESSIONAL ENGINEER
No. 5510-C
HAWAII, U.S.A.
LICENSE EXP. DATE 04-30-08
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Craig S. Arakaki

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN-3&4

INTERSTATE ROUTE H-1
Kinau Street Off-Ramp Improvements
Vicinity Of Queen's Medical Center
Federal-Aid Project No.TC-HI-K(258)
Scale: As Shown Date: Dec. 2006
SHEET No. 2 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	TC-HI-K(258)	2006	47B	89



Legend:

- Flagger
- Police Officer
- Work Space
- Cone Or Other Channelizing Device
- Existing Sign

Note:

- All signs shall be black on orange unless otherwise noted.
- The Contractor shall provide notice to the public prior to restricting parking along Kinau Street for construction purposes. The Contractor shall provide Type II Barricades with amber flashers with "No Parking" signs and the date(s) of no parking along Kinau Street prior to start of construction.
- If the sidewalk is closed 24 hours, the Contractor shall follow pedestrian plan shown in traffic control plans and install Type II Barricades with amber flashers around work area @ 10' o.c.
- If sidewalk is closed 24 hours, the Contractor shall block pedestrian access to the work area with construction tape.

TRAFFIC CONTROL PLAN-5
Scale: 1" = 50'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN-5

INTERSTATE ROUTE H-1
Kinau Street Off-Ramp Improvements
Vicinity Of Queen's Medical Center
Federal-Aid Project No. TC-HI-K(258)
Scale: As Shown Date: Dec. 2006

SHEET No. 3 OF 15 SHEETS

C.O. 47B