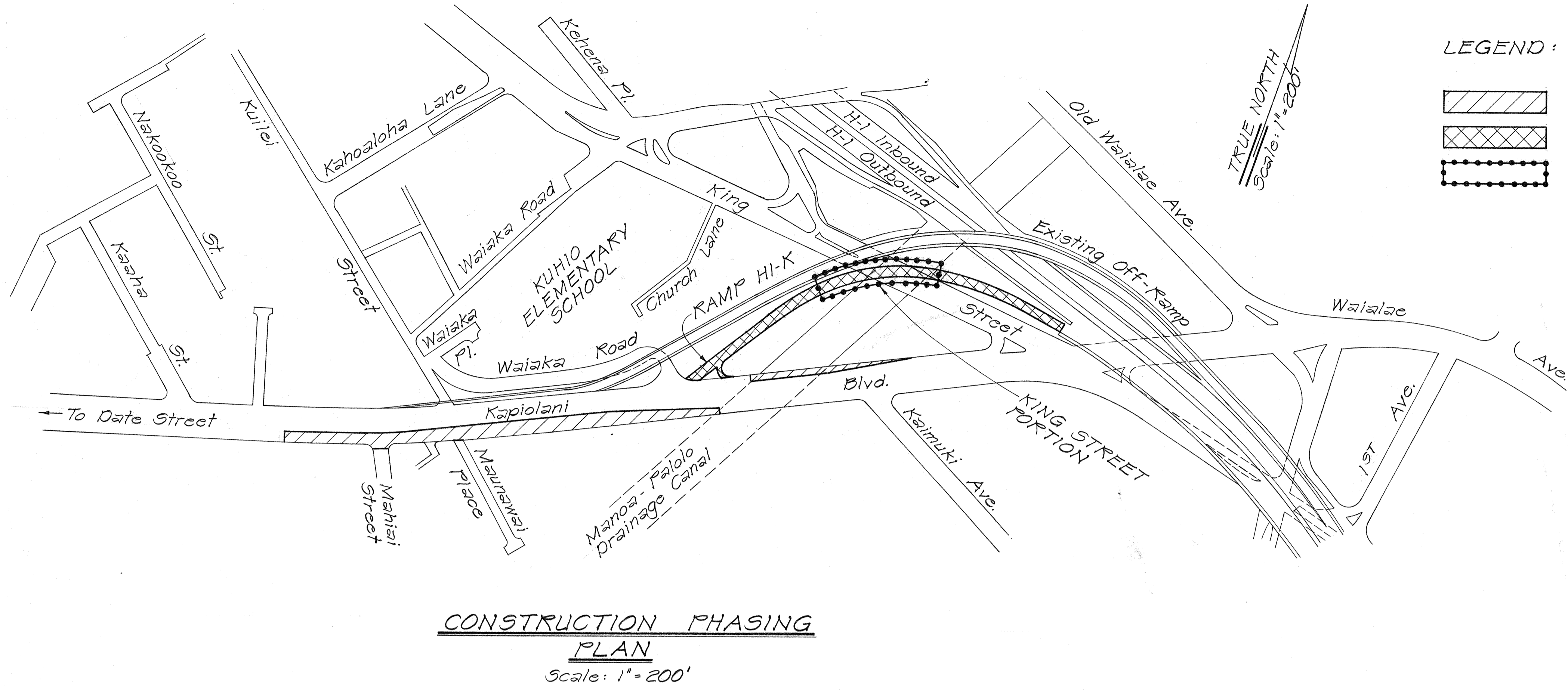
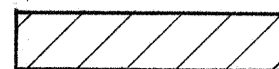

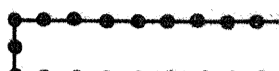
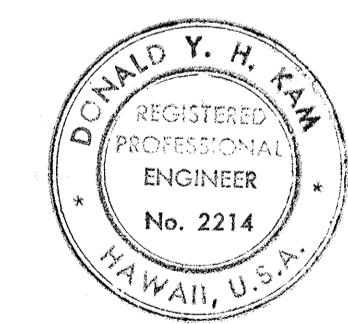


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(157):24	1979	19	146

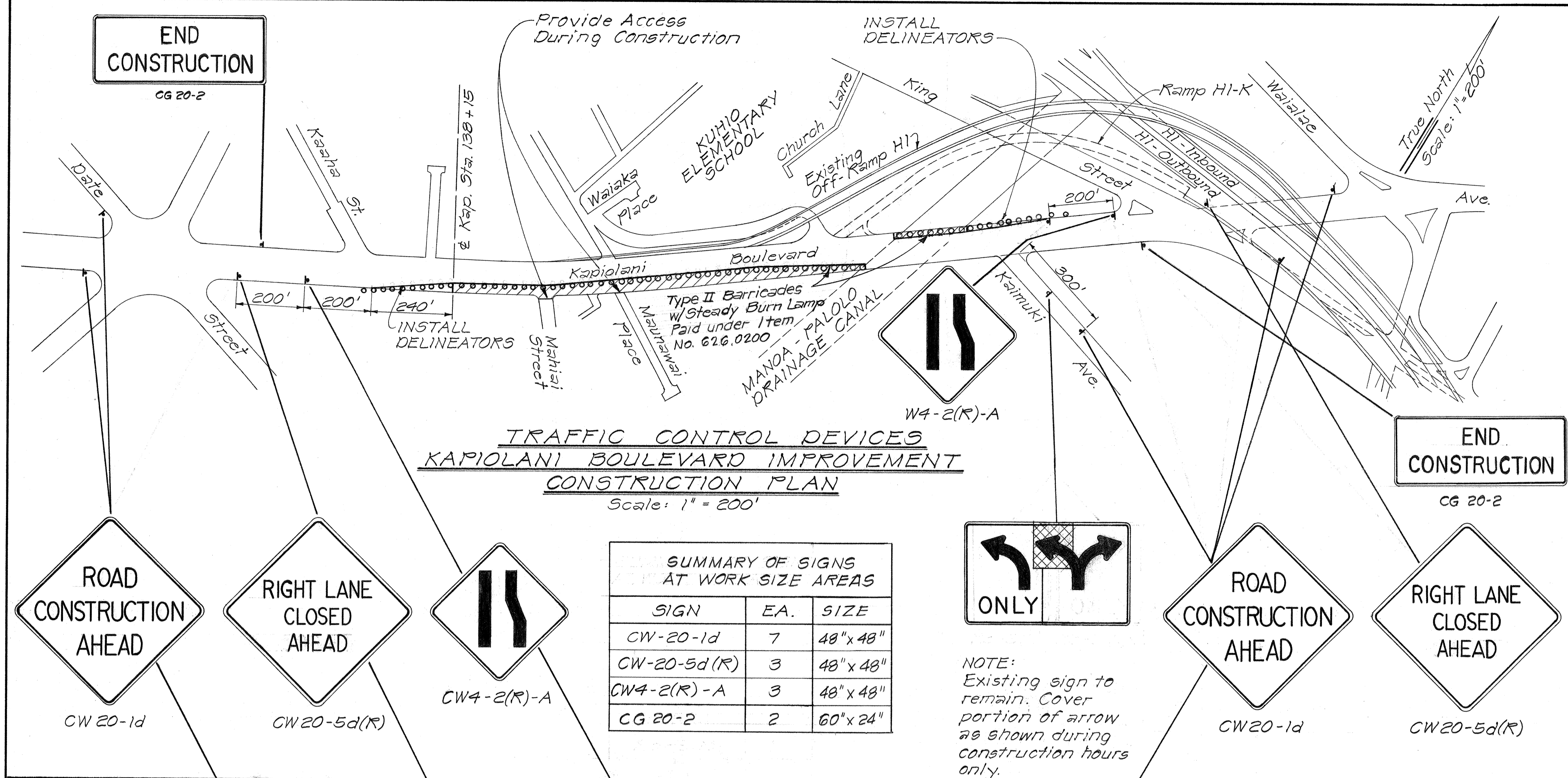


- LEGEND:**
-  PHASE I - Kapiolani Boulevard Widening Improvements
  -  PHASE II - Ramp HI-K
  -  PHASE II - Ramp HI-K (King Street Portion)

- CONSTRUCTION PHASING NOTES:**
1. The contractor shall complete the surcharge embankment prior to starting work on any other portion of project except for test piles and production pile driving.
  2. Phase I, except as noted above, shall be completed before starting work on phase II, unless otherwise authorized by the engineer.
  3. Construction of Ramp HI-K (Phase II) shall be done according to the following:
    - A. Ramp footings, piles, columns, piers, abutments may be constructed in any sequence and location selected by the contractor, except that the retaining walls between Sta. 0+00 to Sta. 3+25 and Abutment No. 1 shall be constructed last.
    - B. Ramp superstructure Sta. 4+36 to Sta. 8+94 shall be the first portion of the ramp superstructure constructed (King Street portion.)
    - C. Ramp superstructure Sta. 3+25 to Sta. 4+36 shall be constructed second, and ramp superstructure, Sta. 8+94 to Sta. 11+40 shall be constructed last.
  4. See Sheet No. 20 & 21 for the installation of traffic signs and warning devices required for all construction work on this project. Signs shall conform to part VI, MUTCD, 1978 Edition.
  5. See Sheet No. 21 for the Detour Plan.

 <p>REGISTERED PROFESSIONAL ENGINEER No. 2214 HAWAII, U.S.A.</p>	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION LAND TRANSPORTATION FACILITIES DIVISION <b>CONSTRUCTION PHASING PLAN</b> KAPIOLANI BOULEVARD-RAMP HI-K
	INTERSTATE ROUTE H-1 KAPIOLANI INTERCHANGE ON-RAMP F.A.I. PROJ. NO. I-HI-1(157):24 Scale: _____ Date: 10-16-79 SHEET NO. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(157)-24	1979	20	146



**TRAFFIC CONTROL DEVICES  
KAPIOLANI BOULEVARD IMPROVEMENT  
CONSTRUCTION PLAN**  
Scale: 1" = 200'

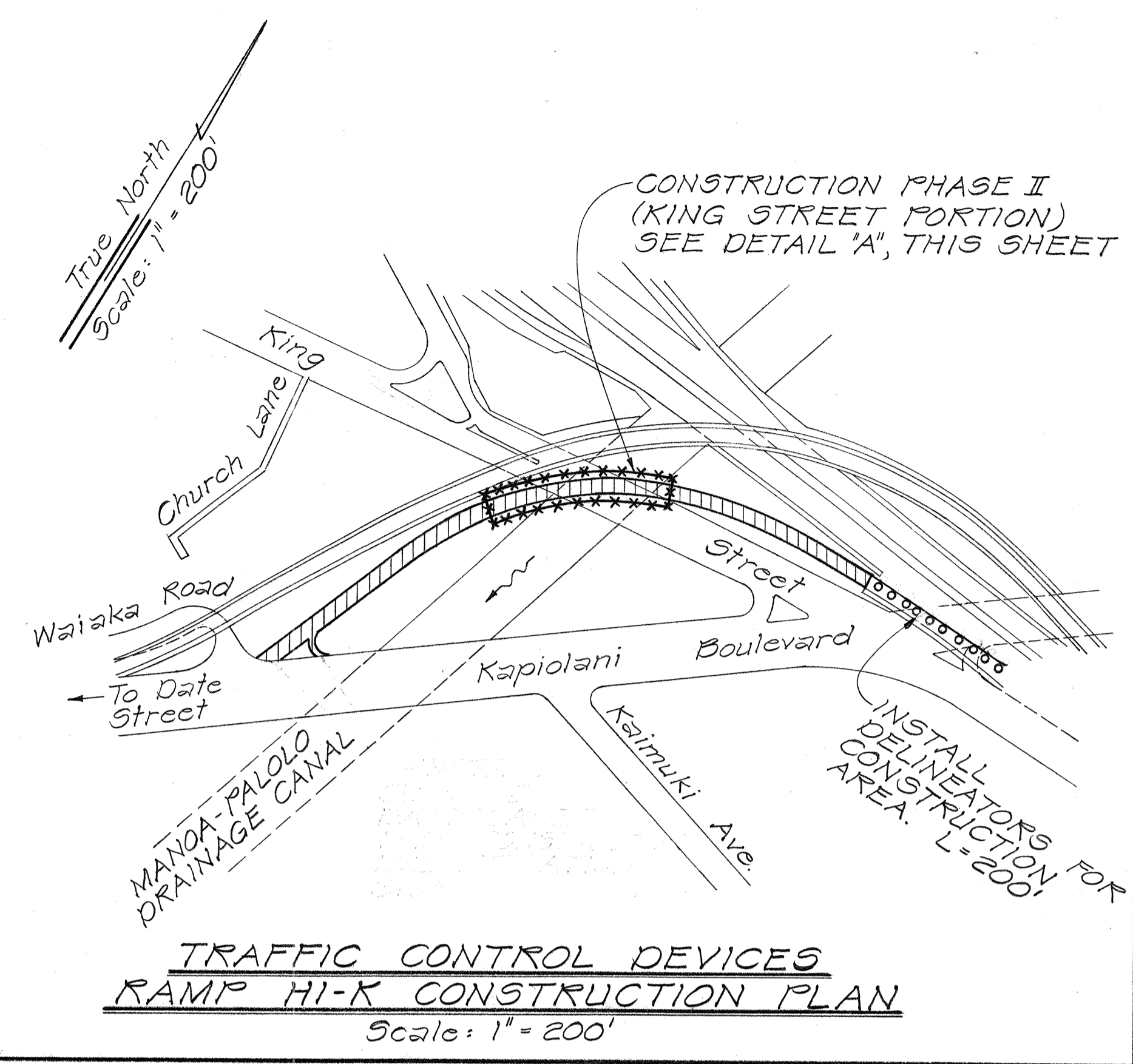
SUMMARY OF SIGNS  
AT WORK SIZE AREAS

SIGN	EA.	SIZE
CW-20-1d	7	48" x 48"
CW-20-5d(R)	3	48" x 48"
CW4-2(R)-A	3	48" x 48"
CG 20-2	2	60" x 24"

NOTE:  
Existing sign to remain. Cover portion of arrow as shown during construction hours only.

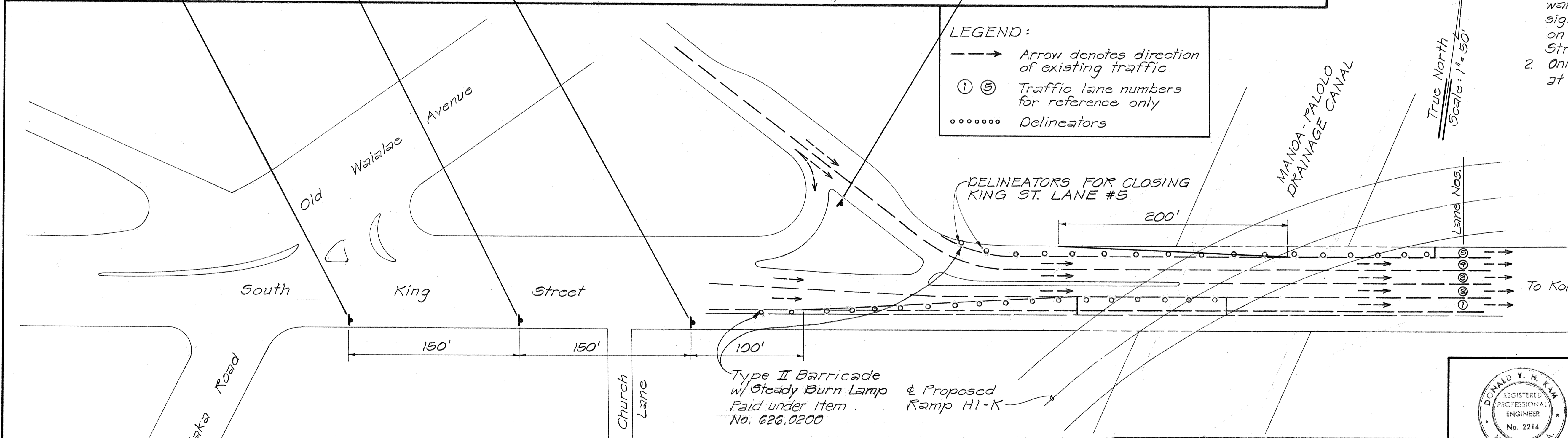
**LEGEND:**

- Arrow denotes direction of existing traffic
- ① ⑤ Traffic lane numbers for reference only
- ..... Delineators



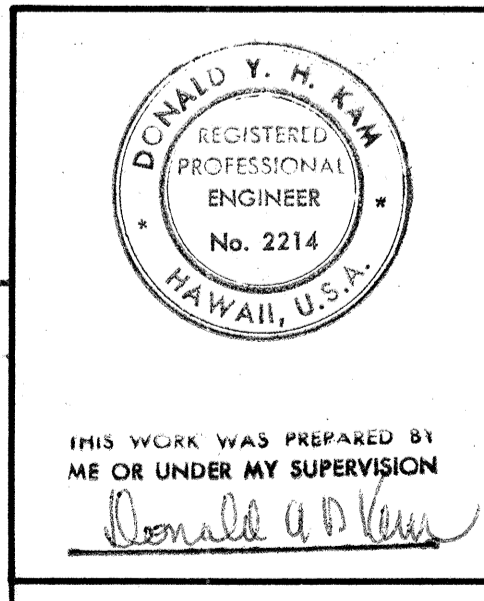
**TRAFFIC CONTROL DEVICES  
RAMP HI-K CONSTRUCTION PLAN**  
Scale: 1" = 200'

- GENERAL NOTES:**
- The shape, color, dimensions, symbols, wording, lettering and reflectorizing of all temporary warning, regulatory, construction and maintenance signs shall be in accordance with the "Manual on Uniform Traffic Control Devices for Streets and Highways," dated 1978.
  - Only one lane on King Street shall be closed at a time.



**DETAIL "A"  
TRAFFIC CONTROL DEVICES  
RAMP HI-K CONSTRUCTION PLAN  
KING STREET PORTION**  
Scale: 1" = 50'

Approved \_\_\_\_\_ Date: \_\_\_\_\_  
Director  
Dept. of Transportation Services  
City & County of Honolulu



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
LAND TRANSPORTATION FACILITIES DIVISION  
**TRAFFIC CONTROL DEVICES  
CONSTRUCTION SITES**  
KAPIOLANI BOULEVARD-RAMP HI-K  
INTERSTATE ROUTE HI-1  
KAPIOLANI INTERCHANGE ON-RAMP  
F.A.I. PROJ. NO. I-HI-1 (157): 24  
Scale: As Noted Date: 10-15-79  
SHEET NO. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(157)-24	1979	21	146

**LEGEND:**

Proposed Detour Route.

Detour Post Sign

**GENERAL NOTES:**

1. This Detour Plan will be in effect only for the placing & removal of ramp construction falsework over South King Street.
2. The Contractor will be required to install and remove the traffic control devices on a daily basis each time he is required to close South King Street for the installation of ramp construction falsework.
3. Closure of South King Street shall be accomplished only during the hours of 11:30 p.m. to 4:00 a.m.
4. The Contractor shall be assessed liquidated damages should his operations prevent the opening of South King Street within the specified time limit on a daily basis. Said liquidated damages shall be \$200 per hour or fraction thereof that the street is not opened to the public.
5. The Contractor shall post and publish public traffic warning signs 30 days prior to the closing of the ramp. The signs and newspaper notices shall be approved by the Engineer and paid for by the Contractor.
6. A police officer shall direct traffic at the King Street Off-Ramp, during the closing of South King Street.

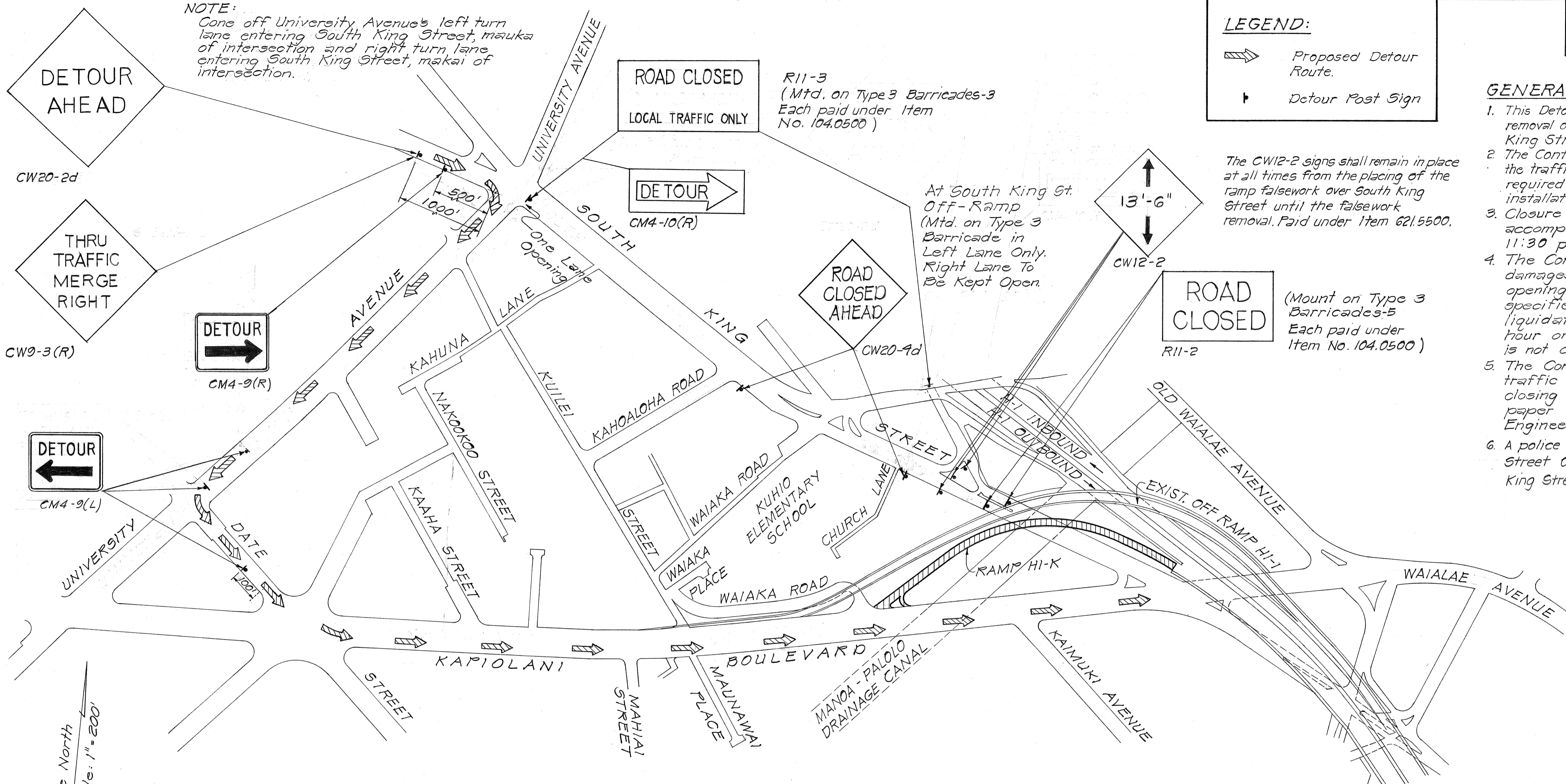
**NOTE:**  
Cone off University Avenue's left turn lane entering South King Street, mauka of intersection and right turn lane entering South King Street, makai of intersection.

**ROAD CLOSED**  
LOCAL TRAFFIC ONLY  
R11-3  
(Mtd. on Type 3 Barricades-3  
Each paid under Item No. 104.0500)

The CW12-2 signs shall remain in place at all times from the placing of the ramp falsework over South King Street until the falsework removal. Paid under Item 621.5500.

**ROAD CLOSED**  
R11-2  
(Mount on Type 3 Barricades-5  
Each paid under Item No. 104.0500)

At South King St. Off-Ramp (Mtd. on Type 3 Barricade in Left Lane Only. Right Lane To Be Kept Open.



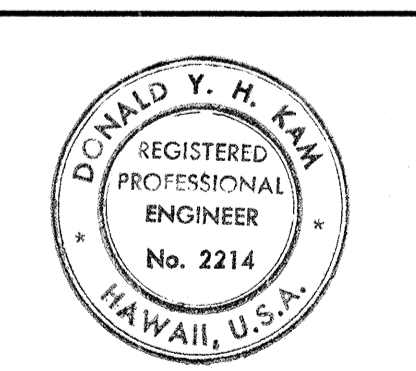
**DETOUR PLAN**  
Scale: 1" = 200'

True North  
Scale: 1" = 200'

**SUMMARY OF DETOUR SIGNS**

SIGN	EACH
R11-2	2
R11-3	2
CM4-10(R)	1
CW20-2d	1
CW9-3(R)	1
CM4-9(R)	1
CW20-4d	2
CW12-2	3
CM4-9(L)	3

Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
*Raymond...* 4/17/79  
 Director, Department of Transportation Services,  
 City & County of Honolulu



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
*Donald Y. H. Yam*

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 LAND TRANSPORTATION FACILITIES DIVISION  
**TRAFFIC CONTROL DEVICES**  
**DETOUR PLAN**  
 KAPIOLANI BOULEVARD-RAMP HI-K  
 INTERSTATE ROUTE HI-1  
 KAPIOLANI INTERCHANGE ON-RAMP  
 FA.I. PROJ. NO. I-HI-1(157)-24  
 Scale: As Noted Date: 0-15-79  
 SHEET NO. 2 OF 2 SHEETS