

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-89	1991	14	23

CONSTRUCTION SEQUENCING NOTES (cont.)

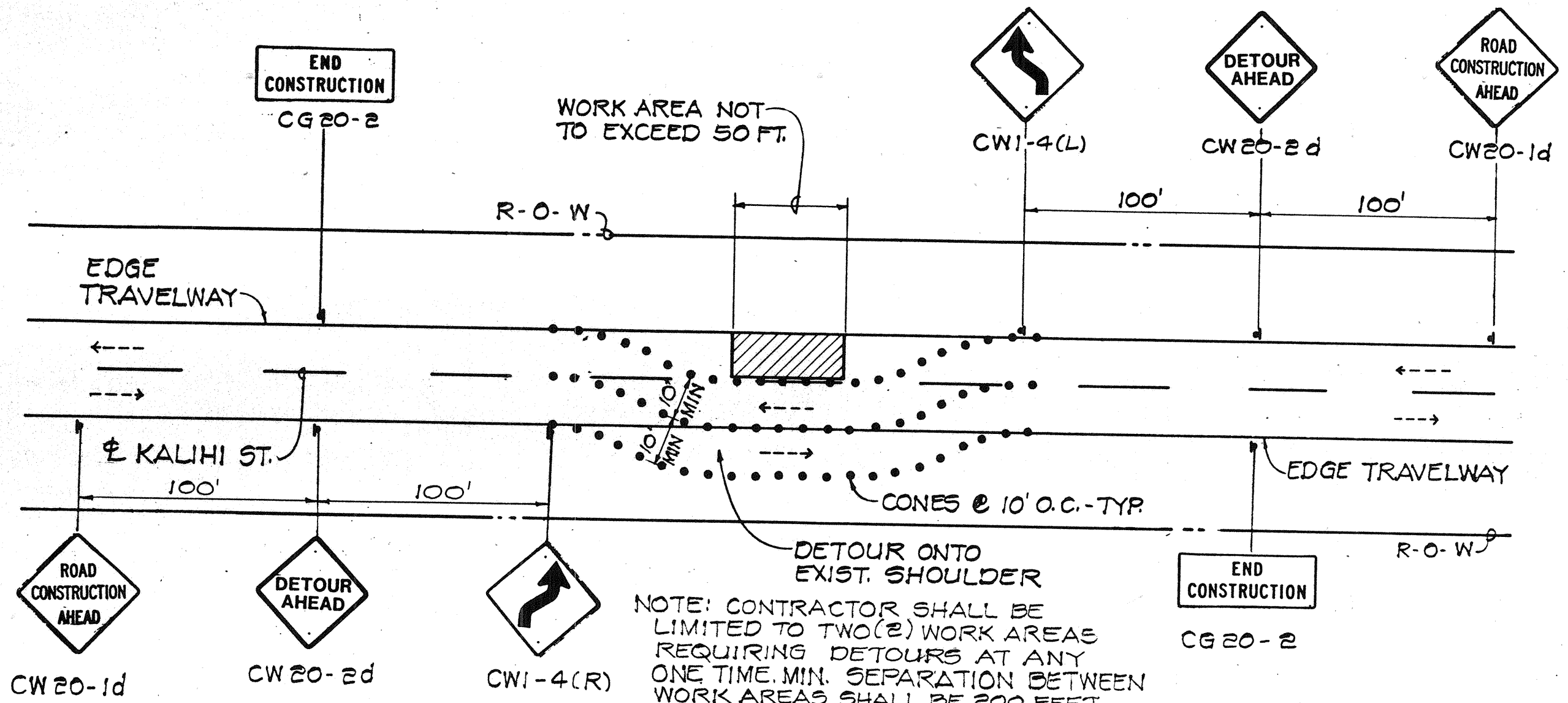
6. CLOSE THE EWA SIDE OF KALIHI STREET AND DIVERT ALL TRAFFIC TO THE NEW TWO LANES ON THE DIAMOND HEAD SIDE OF KALIHI STREET. CHANNELIZE NIMITZ HIGHWAY AND DILLINGHAM BOULEVARD. SEE SHEET 15 AND (2/14).
- A. CONSTRUCT NEW DUCTLINES AT KALANI STREET AND CONNECT TO PREVIOUSLY CONSTRUCTED PORTION ON DIAMOND HEAD SIDE OF KALIHI STREET.
- B. CONSTRUCT LEFT 18" FEEDER DRAIN PIPE FOR FEEDER DRAIN #1 AND COMPLETE CONNECTION FROM DMH #1 TO GDI #1L.
- C. REMOVE EXISTING PAVEMENT AND SUBGRADE AND TEMPORARY ASPHALT CONCRETE BASE WEARING SURFACE AND CONSTRUCT NEW PAVEMENT STRUCTURE FOR TWO LANES ON EWA SIDE OF KALIHI STREET. CONSTRUCT NEW ISLAND AT KANAKANUI STREET.
7. REMOVE TEMPORARY STRIPING AND CONSTRUCT PERMANENT PAVEMENT MARKINGS AND SIGNAGE.

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

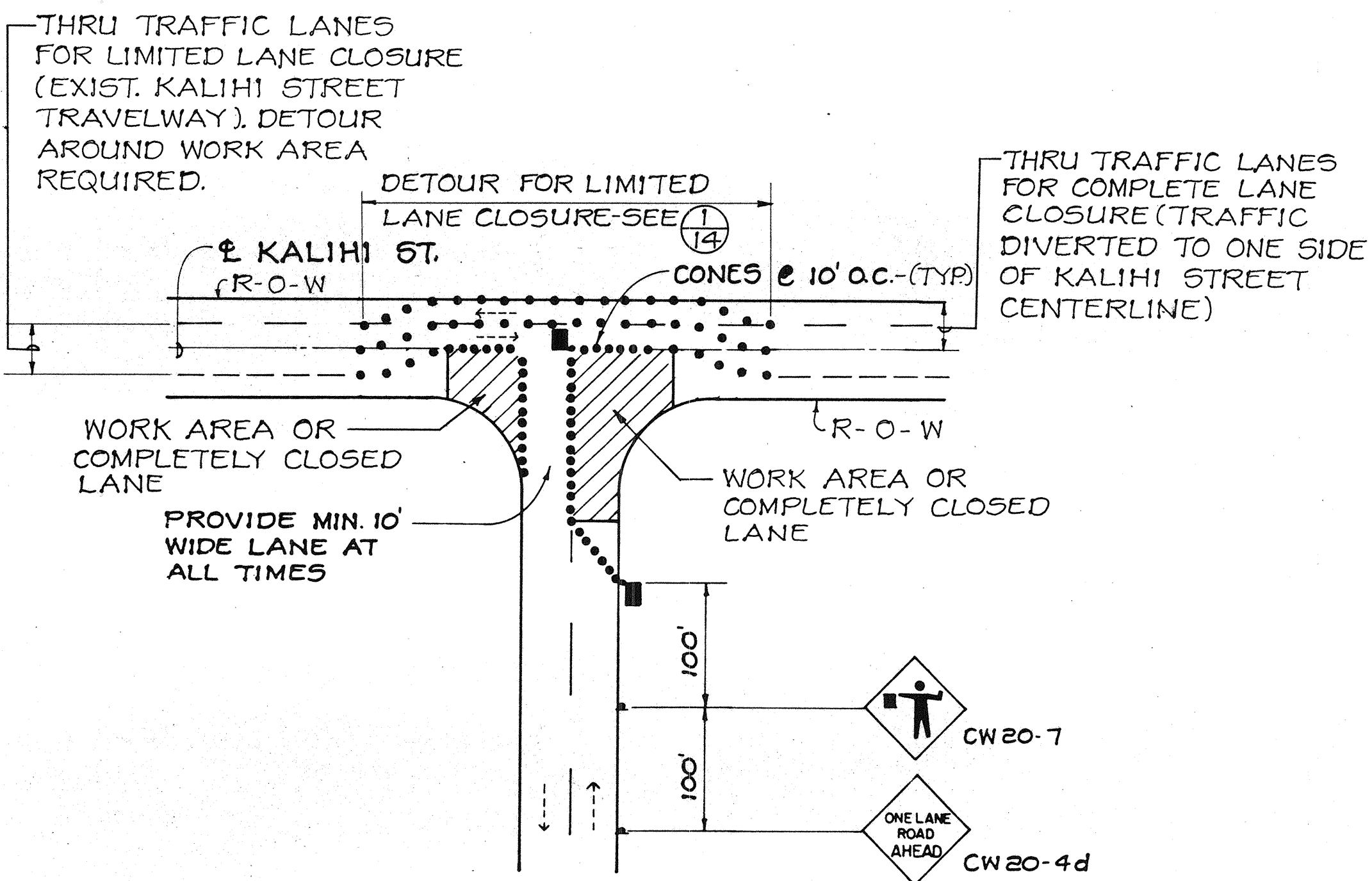
1. THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS AT INTERSECTIONS, DRIVEWAYS, BRIDGES, STRUCTURES, ETC., TO FIT FIELD CONDITIONS.
2. CONES OR DELINEATORS SHALL BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
3. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED SUCH THAT THE SIGN OR DEVICE FARTEST 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. ALL TRAFFIC LANES SHALL BE A MINIMUM OF 10 FEET WIDE.
7. ALL CONSTRUCTION WARNING SIGNS SHALL BE PROMPTLY REMOVED OR COVERED WHENEVER THE MESSAGE IS NOT APPLICABLE OR NOT IN USE.
8. 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 INSTALLATION.
9. THE CONTRACTOR SHALL REPLACE PERMANENT PAVEMENT MARKINGS AND TRAFFIC SIGNS UPON COMPLETION OF EACH PHASE OF WORK.
10. THE CONTRACTOR SHALL PROVIDE ACCESS TO EXISTING PRIVATE PROPERTIES AT ALL TIMES.
11. MAINTENANCE OF TRAFFIC THROUGH THE CONSTRUCTION AREA SHALL BE IN ACCORDANCE WITH PART VI OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" FEDERAL HIGHWAY ADMINISTRATION (1988) OR AS SPECIFIED IN THE SPECIAL PROVISIONS OR AS SPECIFIED IN THE PLANS. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ADEQUATE BARRICADES, BLINKERS, CONSTRUCTION SIGNS, ETC. FOR THE SAFETY OF THE PUBLIC.

CONSTRUCTION SEQUENCING NOTES

1. THE CONTRACTOR SHALL DEVELOP A CONSTRUCTION SEQUENCING PLAN SO THAT THERE SHALL BE AT LEAST ONE LANE OF TRAFFIC IN EACH DIRECTION ON KALIHI STREET AT ALL TIMES (WORKING AND NON-WORKING HOURS). THE CONTRACTOR SHALL SUBMIT CONSTRUCTION SEQUENCING PLAN BASED ON THE FOLLOWING SEQUENCING NOTES TO THE STATE DEPARTMENT OF TRANSPORTATION-HIGHWAYS DIVISION PROJECT ENGINEER FOR REVIEW AND WRITTEN APPROVAL AT LEAST TEN (10) WORKING DAYS BEFORE SUCH WORK IS SCHEDULED TO BEGIN.
2. ON EWA SIDE OF KALIHI STREET:
- A. CONSTRUCT CATCH BASINS, DROP INLETS, CURB, GUTTER, SIDEWALK, DRIVEWAYS, WHEELCHAIR RAMPS, ETC. (TAKE MEASURES TO PREVENT RUNOFF FROM ENTERING CATCH BASINS AND DROP INLETS UNTIL NEW DRAIN SYSTEM IS COMPLETE.) INSTALL PULLBOXES, DUCTS, SIGN POSTS. RELOCATE HYDRANTS AND ADJUST METER BOXES, ETC. (NO LANE CLOSURES REQUIRED).
- B. CONSTRUCT 18" FEEDER DRAIN PIPES (EXCEPT THOSE FOR FEEDER DRAIN #1) UP TO KALIHI STREET CENTERLINE. (CLOSE EXISTING TRAFFIC LANE AS REQUIRED - SEE (1/14) AND (2/14)).
3. ON DIAMOND HEAD SIDE OF KALIHI STREET:
- A. CONSTRUCT CATCH BASINS, DROP INLETS, CURB, GUTTER, SIDEWALK, DRIVEWAYS, WHEELCHAIR RAMPS, ETC. (TAKE MEASURES TO PREVENT RUNOFF FROM ENTERING CATCH BASINS AND DROP INLETS UNTIL NEW DRAIN SYSTEM IS COMPLETE.) INSTALL PULLBOXES, DUCTS, SIGN POSTS. RELOCATE HYDRANTS AND ADJUST METER BOXES, ETC. (NO LANE CLOSURES REQUIRED).
- B. CONSTRUCT 18" FEEDER DRAIN PIPES TO NEW DRAIN MANHOLE LOCATIONS. RELOCATE 8" AND 12" WATERMAINS AT KALANI, HAU AND COLBURN STREETS. (CLOSE EXISTING TRAFFIC LANE AS REQUIRED - SEE (1/14) AND (2/14)).
4. FOR CONSTRUCTION OF NEW ROADWAY PAVEMENT AND OTHER IMPROVEMENTS WITHIN KALIHI STREET TRAVELWAY, THE DIAMOND HEAD SIDE OF KALIHI STREET SHALL BE CLOSED TO TRAFFIC FIRST. AFTER NEW ROADWAY PAVEMENT AND OTHER IMPROVEMENTS ARE COMPLETED ON THE DIAMOND HEAD SIDE OF KALIHI STREET, CLOSURE OF THE EWA SIDE OF KALIHI STREET TO TRAFFIC SHALL BE DONE. PREPARE FOR CLOSURE OF DIAMOND HEAD SIDE OF KALIHI STREET AND DIVERSION OF TRAFFIC TO EWA SIDE OF KALIHI STREET BY PAVING EXISTING UNPAVED AREAS BETWEEN EXISTING EDGE OF ROADWAY AND NEW EDGE OF GUTTER ON EWA SIDE OF KALIHI STREET USING ASPHALT CONCRETE BASE COURSE (ACB), 5-INCH MINIMUM THICKNESS, AS TEMPORARY WEARING SURFACE. EXTEND ACB INTO GUTTER, UP TO NEW FACE OF CURB AS REQUIRED TO MAKE SMOOTH RIDING CONNECTION FROM EXISTING TO NEW PAVEMENT. PROVIDE TEMPORARY STRIPING ALONG CENTERLINE OF 2-LANE PAVEMENT CREATED.
5. CLOSE THE DIAMOND HEAD SIDE OF KALIHI STREET AND DIVERT ALL TRAFFIC TO THE TWO LANES ON THE EWA SIDE OF KALIHI STREET. CHANNELIZE NIMITZ HIGHWAY AND DILLINGHAM BOULEVARD. SEE SHEET 15, AND (2/14).
- A. CONSTRUCT NEW INTERCEPTOR DRAIN AND MANHOLES, INCLUDING CONNECTION TO EXISTING DRAIN MANHOLE AT KANAKANUI STREET. COMPLETE MANHOLE CONNECTIONS TO FEEDER DRAIN PIPES (EXCEPT FOR FEEDER DRAIN #1).
- B. CONSTRUCT NEW DUCTLINES AT KALANI STREET UP TO KALIHI STREET CENTERLINE.
- C. CONSTRUCT RIGHT 18" FEEDER DRAIN PIPE FOR FEEDER DRAIN #1 TO CONNECT DMH #1 TO CB #1R. CONSTRUCT LEFT 18" FEEDER DRAIN PIPE FOR FEEDER DRAIN #1 FROM DMH #1 TO KALIHI STREET CENTERLINE.
- D. REMOVE EXISTING PAVEMENT AND SUBGRADE AND CONSTRUCT NEW PAVEMENT STRUCTURE FOR TWO LANES ON DIAMOND HEAD SIDE OF KALIHI STREET. CONSTRUCT NEW ISLAND AT KANAKANUI STREET. PROVIDE TEMPORARY STRIPING ALONG CENTERLINE OF NEW 2-LANE PAVEMENT.



1 TYPICAL TRAFFIC CONTROL PLAN FOR WORK AREAS INVOLVING DETOUR OF TRAFFIC NOT TO SCALE



2 TYPICAL TRAFFIC CONTROL PLAN AT INTERSECTIONS INVOLVING LANE CLOSURE NOT TO SCALE

LEGEND (APPLIES TO ALL TRAFFIC CONTROL PLANS)

- CONES OR DELINEATORS
- ◼ FLAGMAN
- ⊙ POLICE OFFICER
- > DIRECTION OF TRAFFIC

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Philip M. H. Hui

PHILIP M. H. HUI & ASSOCIATES

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

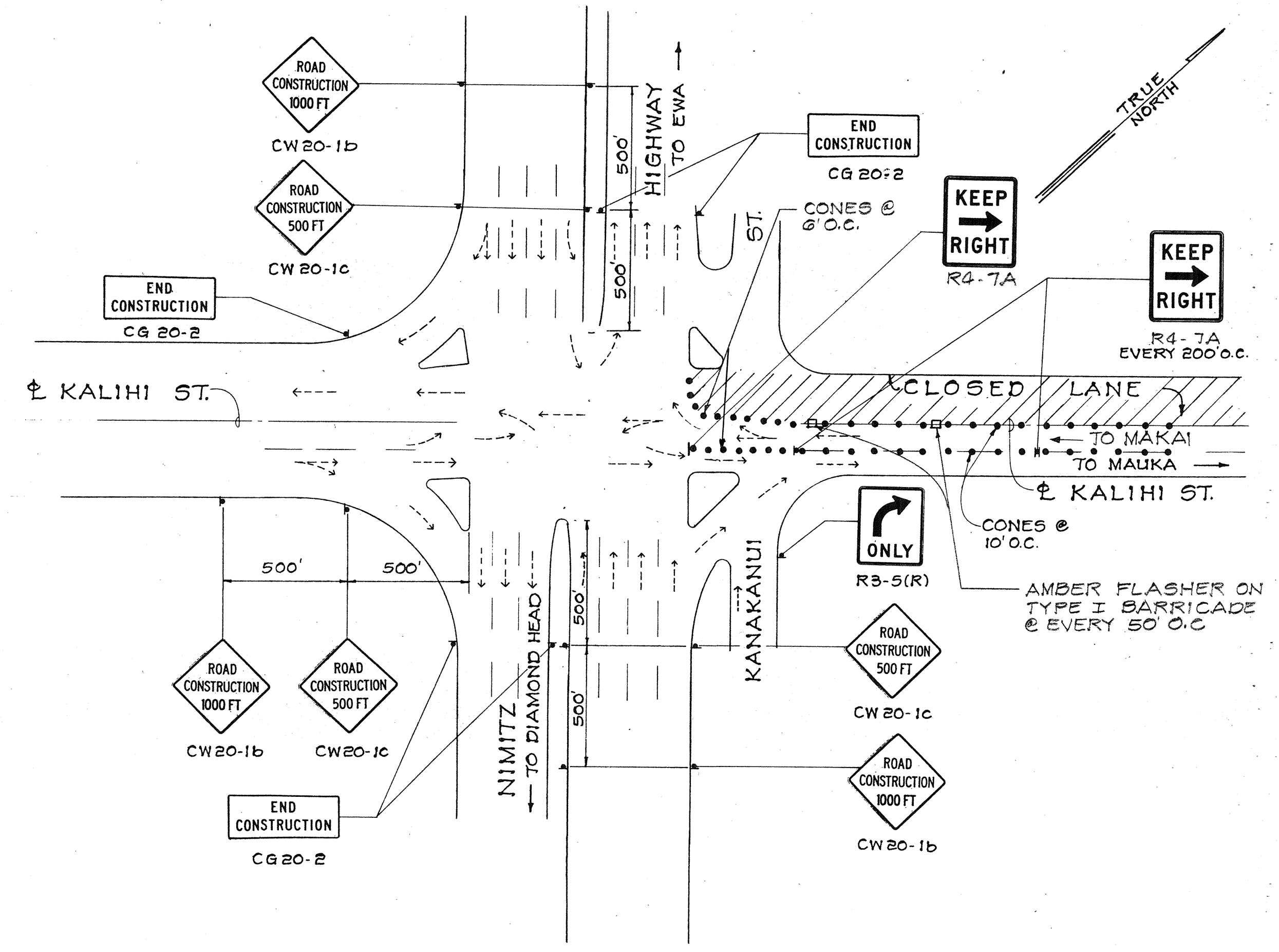
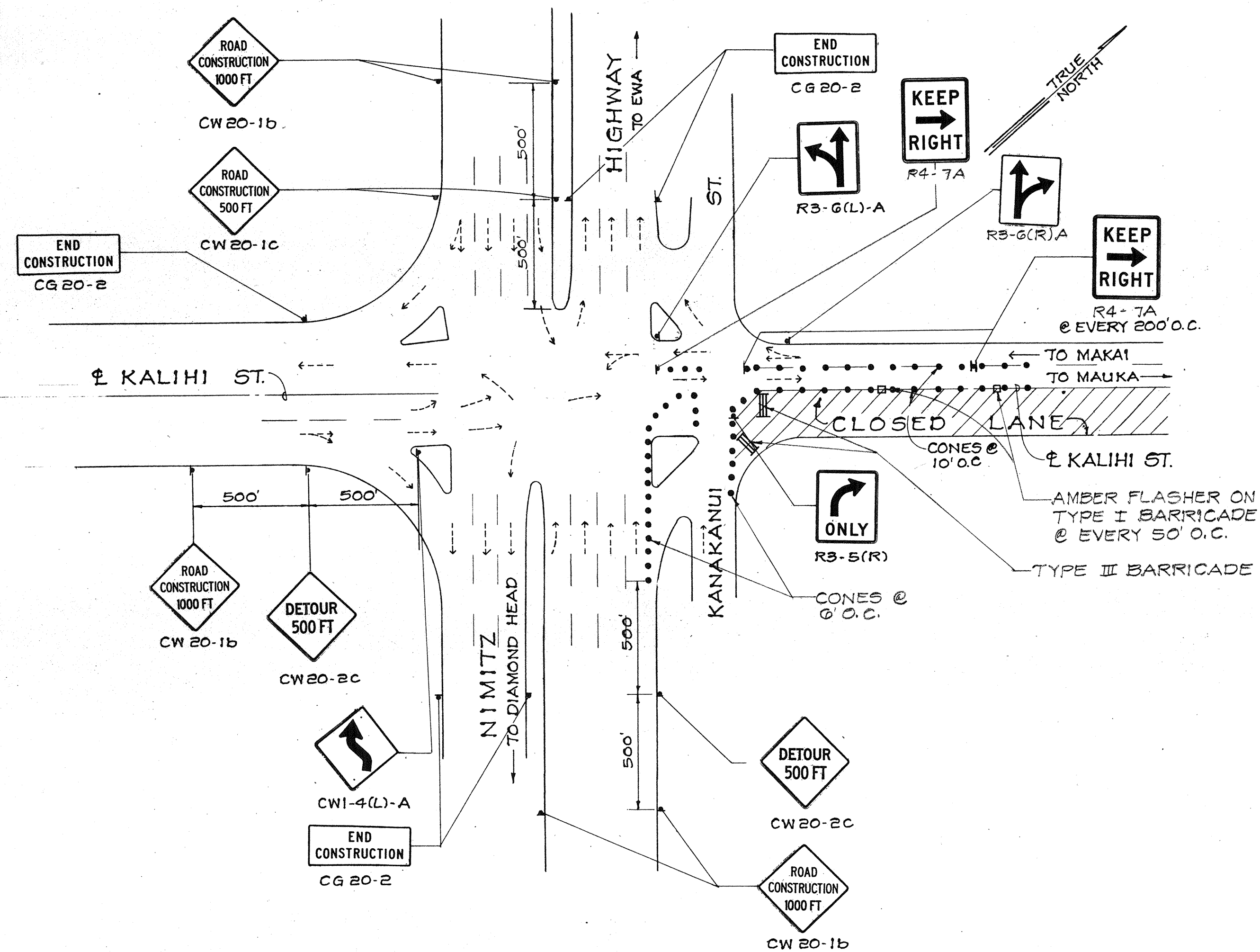
**TRAFFIC CONTROL PLAN & NOTES, CONSTRUCTION SEQUENCING NOTES**

KALIHI STREET IMPROVEMENTS  
NIMITZ HWY. TO DILLINGHAM BLVD.  
PROJECT NO. 63A-02-89

SHEET NO. 1 OF 2 SHEETS



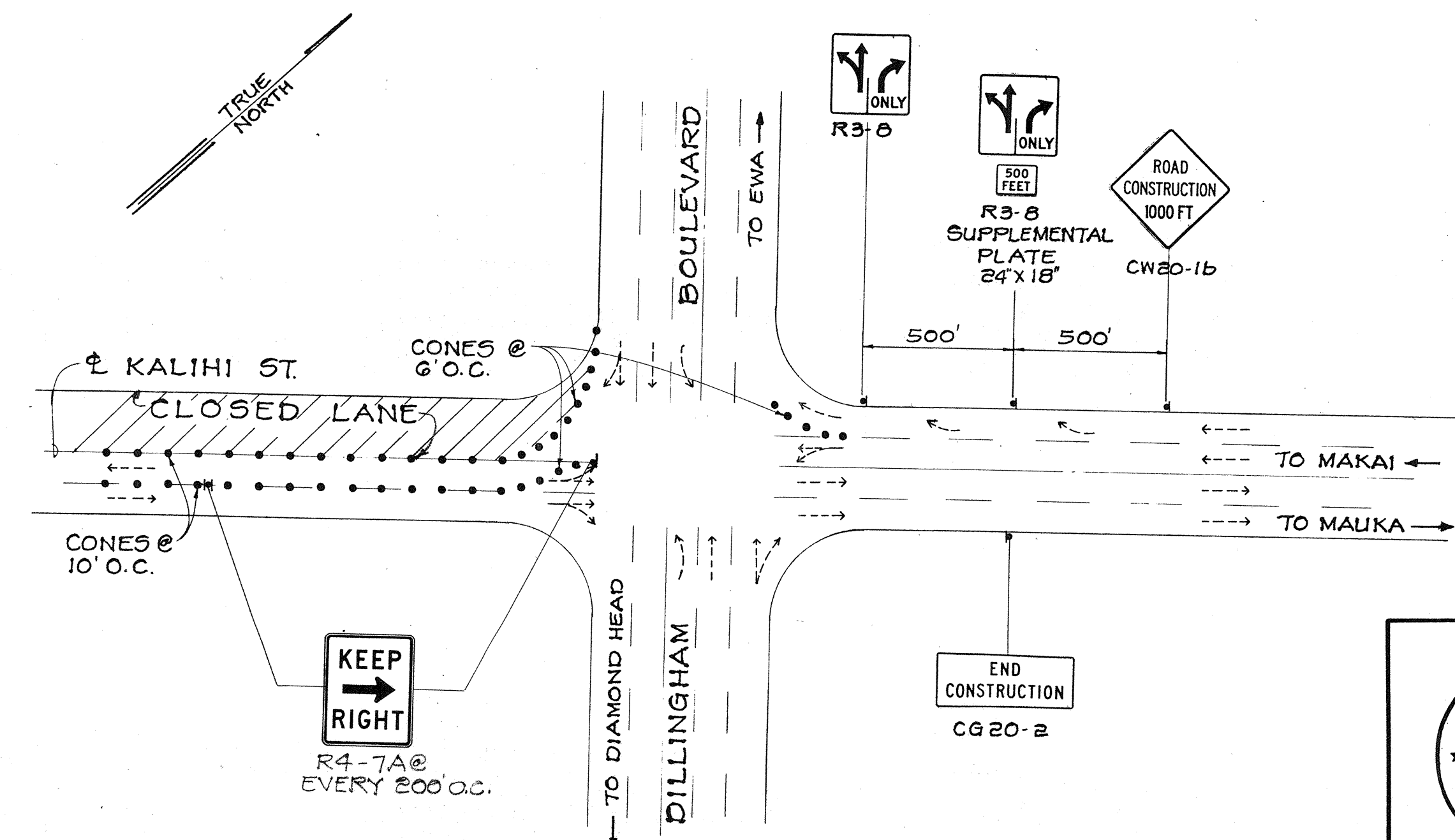
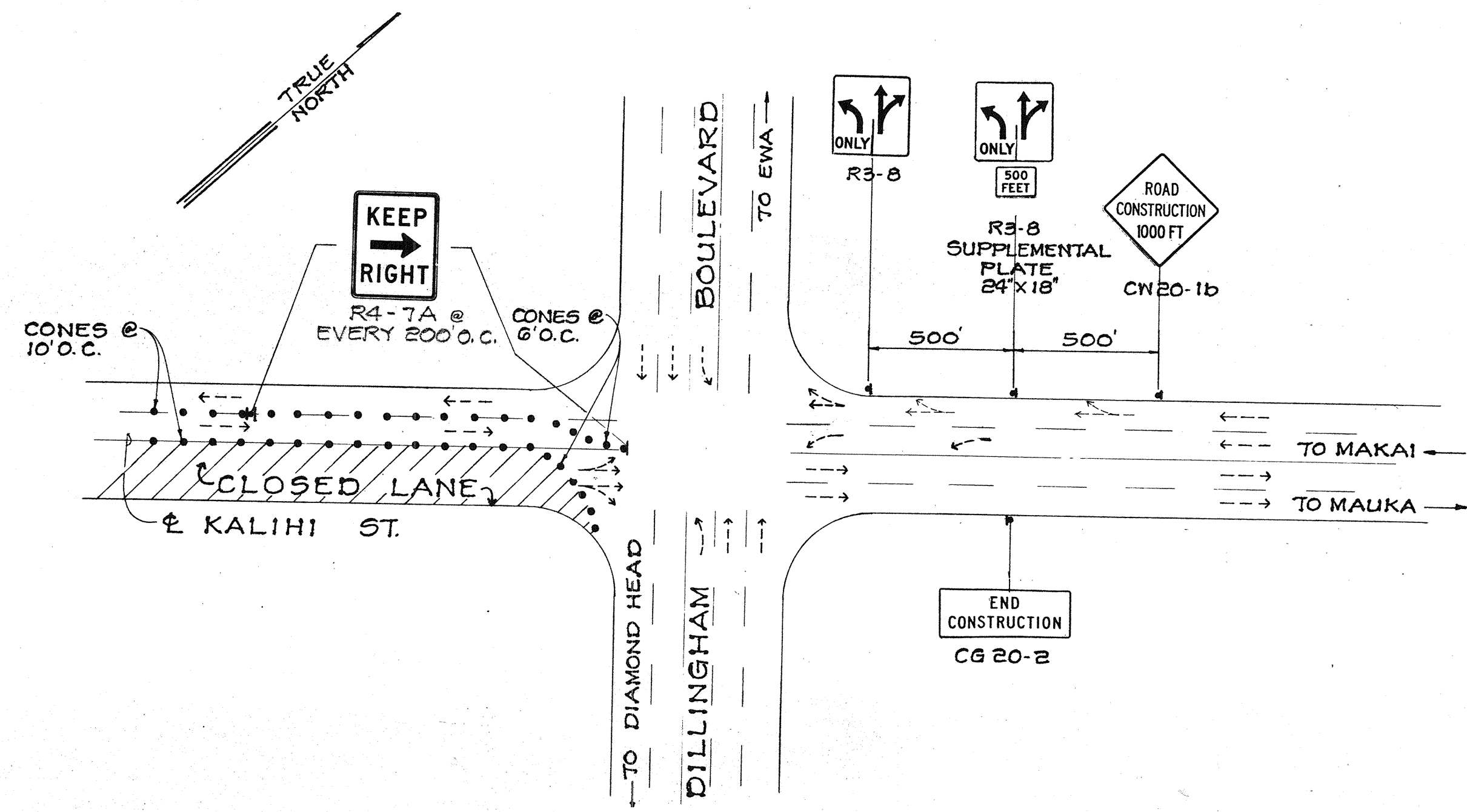
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-89	1991	15	23



CASE I: DIAMOND HEAD LANE CLOSED

CASE II: EWA LANE CLOSED

15 TRAFFIC CONTROL PLAN AT NIMITZ HIGHWAY FOR KALIHI STREET LANE CLOSURES  
NOT TO SCALE



CASE I: DIAMOND HEAD LANE CLOSED

CASE II: EWA LANE CLOSED

2 TRAFFIC CONTROL PLAN AT DILLINGHAM BOULEVARD FOR KALIHI STREET LANE CLOSURES  
NOT TO SCALE

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NOTE BOOK	
No.	

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
*Philip M. H. Lee*  
RUKUNAGA & ASSOCIATES

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

KALIHI STREET IMPROVEMENTS  
NIMITZ HWY. TO DILLINGHAM BLVD.  
PROJECT NO. 63A-02-89

SHEET No. 2 OF 2 SHEETS