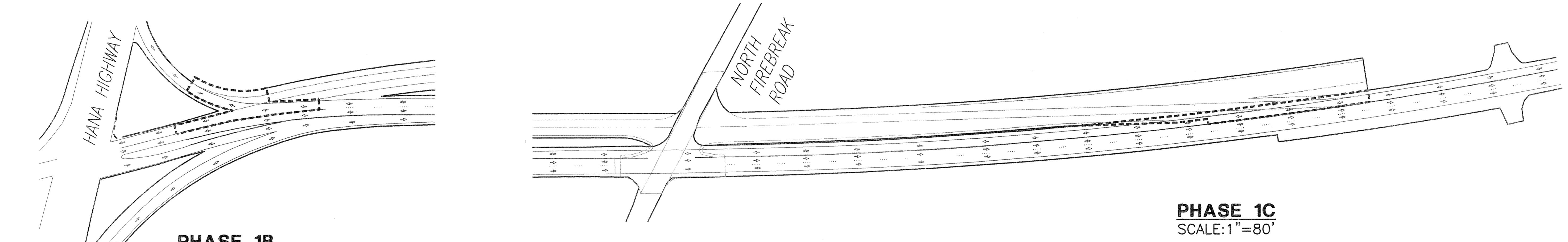
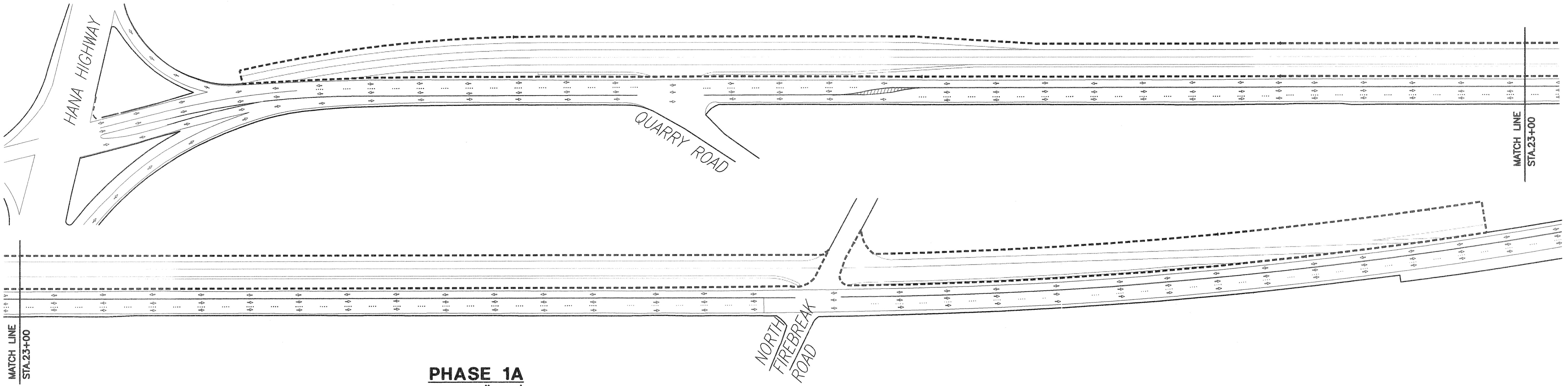
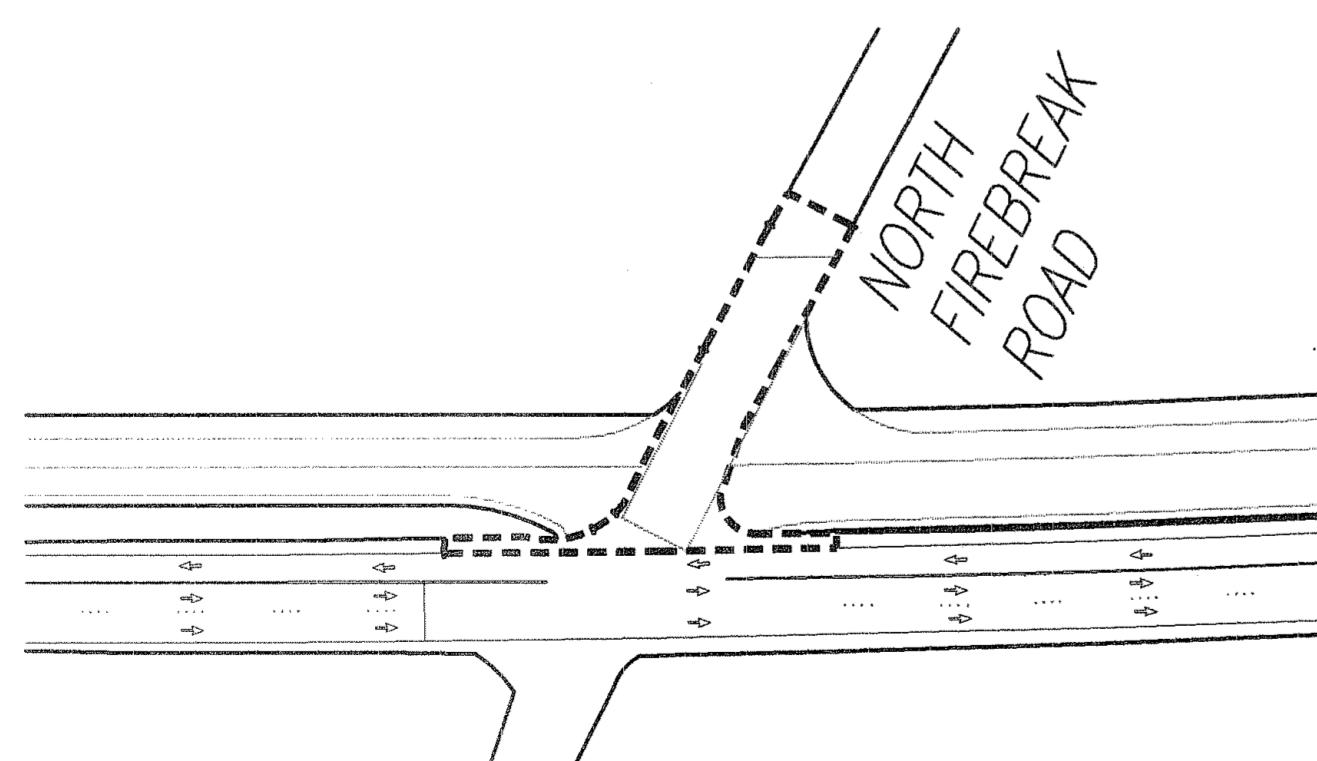


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(22)	2003	4	72



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
NO.	TRACED BY	
QUANTITIES BY		
NO.	CHECKED BY	
NO.		

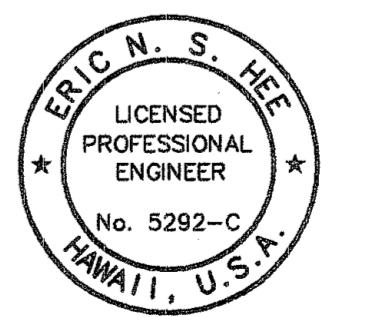
i94-56 f1PH1-PHASE 1-PHASING.dwg LAYOUT/PHASE 1 1=1 11/12/02 lk



PHASING NOTES:

1. PHASE 1A:
CONSTRUCT TWO NEW INBOUND LANES AND NORTH PORTION OF MEDIAN.
2. PHASE 1B (MAXIMUM OF 5 CALENDAR DAYS):
CONSTRUCT ROADWAY TIE-IN AT HANA HIGHWAY INTERSECTION.
CONSTRUCT TEMPORARY ROAD GRADE TRANSITION TO PROVIDE SMOOTH RIDING CONNECTION.
INSTALL TEMPORARY STRIPING OF ORIGINAL TRAFFIC CONDITION.
3. PHASE 1C (MAXIMUM OF 5 CALENDAR DAYS):
CONSTRUCT ROADWAY TIE-IN NEAR STA. 47+00 VICINITY.
CONSTRUCT TEMPORARY ROAD GRADE TRANSITION TO PROVIDE SMOOTH RIDING CONNECTION.
INSTALL TEMPORARY STRIPING OF ORIGINAL TRAFFIC CONDITION.
4. PHASE 1D:
COORDINATE WITH HC&S TO MINIMIZE DISRUPTION TO CANE HAUL OPERATIONS.
CONSTRUCT NORTH HALF OF THE NEW N. FIREBREAK ROAD INTERSECTION.

INSTALL NEW TRAFFIC SIGNAL SYSTEM FOR ENTIRE N. FIRE BREAK ROAD INTERSECTION.
MAINTAIN OPERATION OF EXISTING TRAFFIC SIGNAL SYSTEM UNTIL SWITCHOVER AT A LATER PHASE.
5. PHASES 1A, 1B, 1C, AND 1D MAY PROCEED CONCURRENTLY OR IN ANY ORDER.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Eric N. S. Hee
ENGINEERS SURVEYORS HAWAII, INC.

LICENSE EXPIRATION DATE: 4/30/04

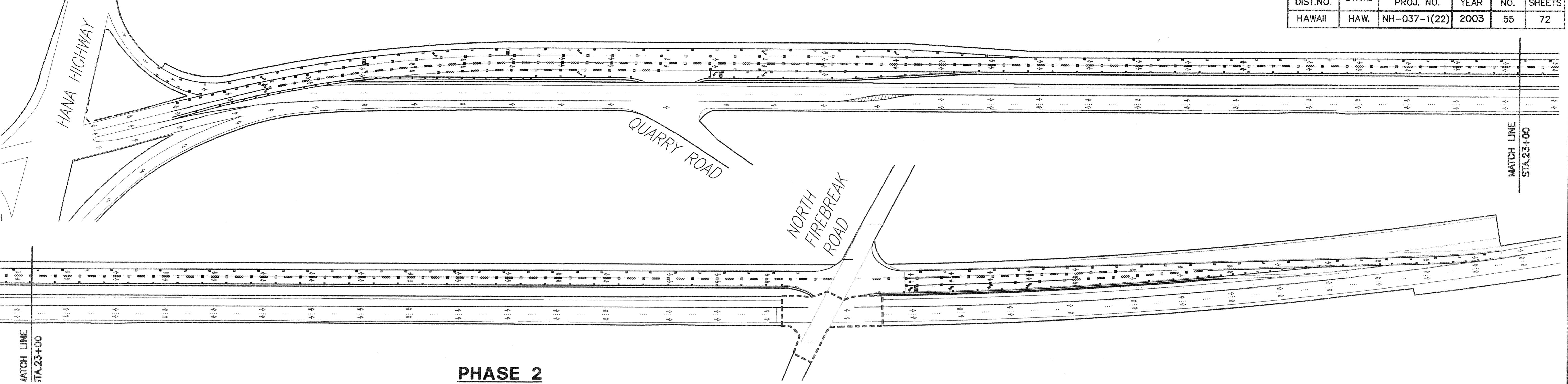
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN

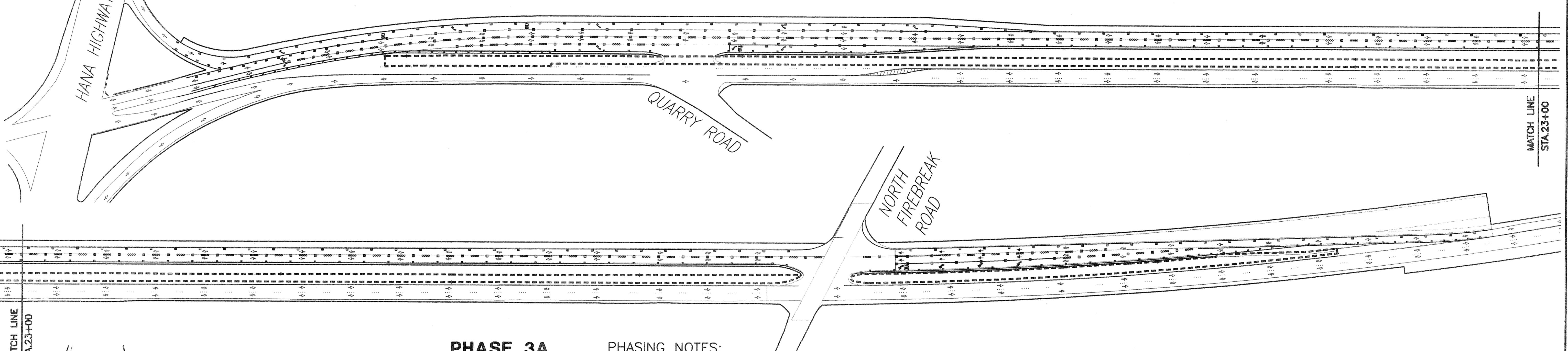
HALEAKALA HIGHWAY WIDENING, PHASE I
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(22)
SCALE: AS NOTED DATE: NOV., 2002

SHEET No. PH-1 OF 3 SHEETS

FED.ROAD DIST.NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(22)	2003	55	72



PHASE
SCALE: 1" = 8



PHASE 3A

PHASING NOTE

1. PHASE 2:

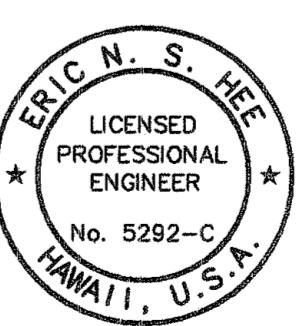
INSTALL AND MAINTAIN TEMPORARY STRIPING, SIGNAGE, BARRICADES, AND BARRIERS TO ALLOW SAFE RUNNING TRAFFIC ON THE NEW INBOUND LANES. CONTRACTOR MAY INSTALL PERMANENT STRIPING AND SIGNAGE BUT SHALL BE RESPONSIBLE, AND AT NO ADDITIONAL COST TO THE STATE, FOR REPLACING ANY WORK THAT BECOMES UNACCEPTABLE DUE TO WEAR AND TEAR.

REQUEST ENGINEER'S FIELD INSPECTION. UPON RECEIVING APPROVAL FROM THE ENGINEER TO DO SO AFTER THE INSPECTION, SWITCHOVER TO NEW TRAFFIC SIGNAL SYSTEM AND ROUTE TRAFFIC TO NEW INBOUND LANES.

COORDINATE WITH HC&S TO MINIMIZE DISRUPTION TO CANE HAUL OPERATIONS.
CONSTRUCT SOUTH PORTION OF NORTH FIREBREAK ROAD INTERSECTION.
 2. PHASE 3A:

CONSTRUCT DRYWELLS AND REMAINING PORTIONS OF MEDIAN.
 3. PHASE 3B (MAXIMUM OF 5 CALENDAR DAYS):

CONSTRUCT NEW ROAD AND TIE-IN NEAR STA. 1+00 VICINITY.
 4. PHASES 3A AND 3B MAY PROCEED CONCURRENTLY OR IN ANY ORDER.



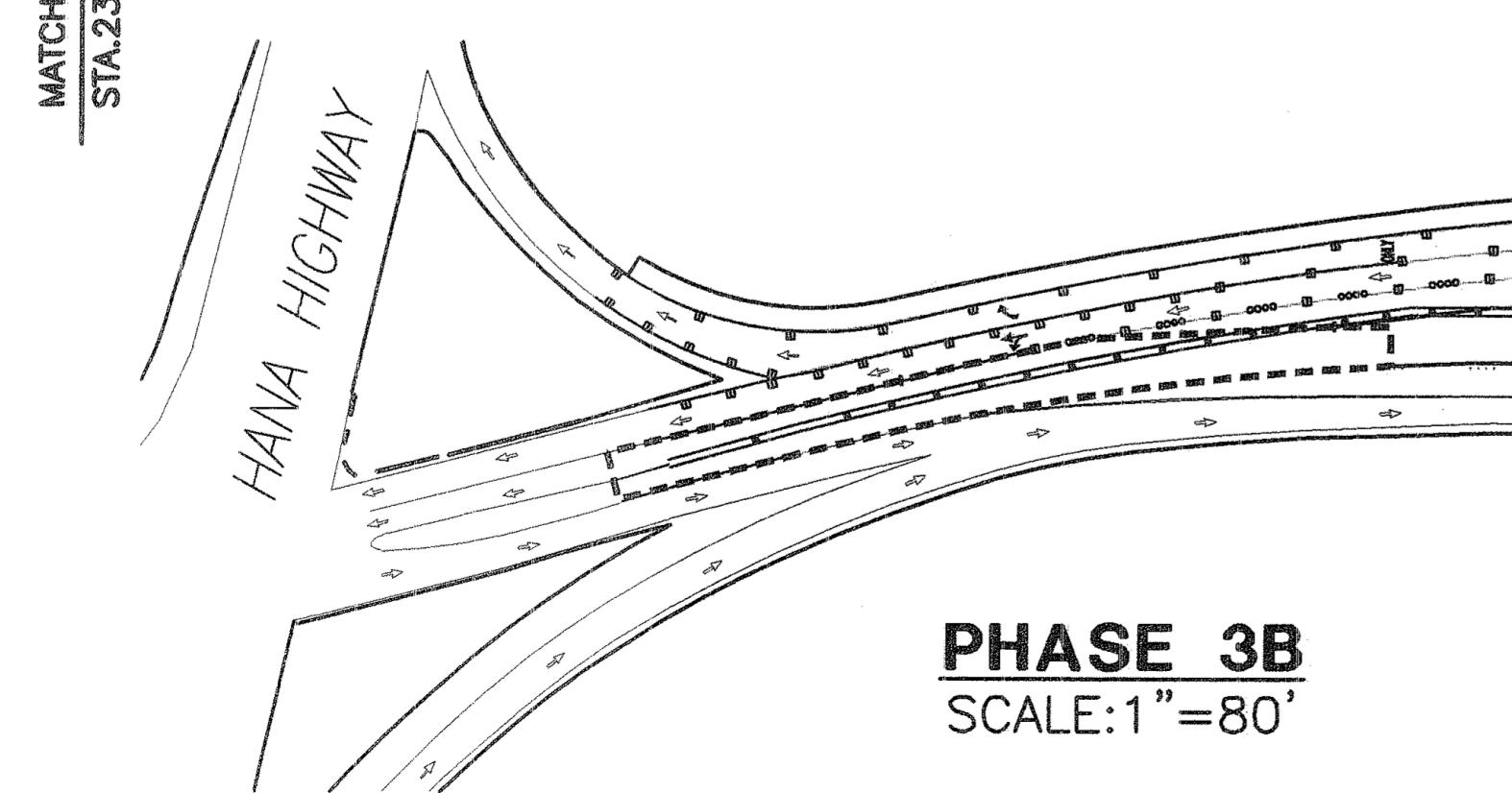
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

Geo. W. S. Hoer
ENGINEERS SURVEYORS HAWAII, INC.

LICENSE EXPIRATION DATE: 4/30/04

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DRAWN BY _____	DATE _____ " _____
NOTE BOOK	TRACED BY _____ DESIGNED BY _____ QUANTITIES BY _____ CHECKED BY _____	" _____ " _____ " _____ " _____
11/12/02		

-56 f:PHASE 1/PH1-PHASING.dwg LAYOUT:PHASE 2 AND 3 1=1 11/12/02 lk



PHASE 3E

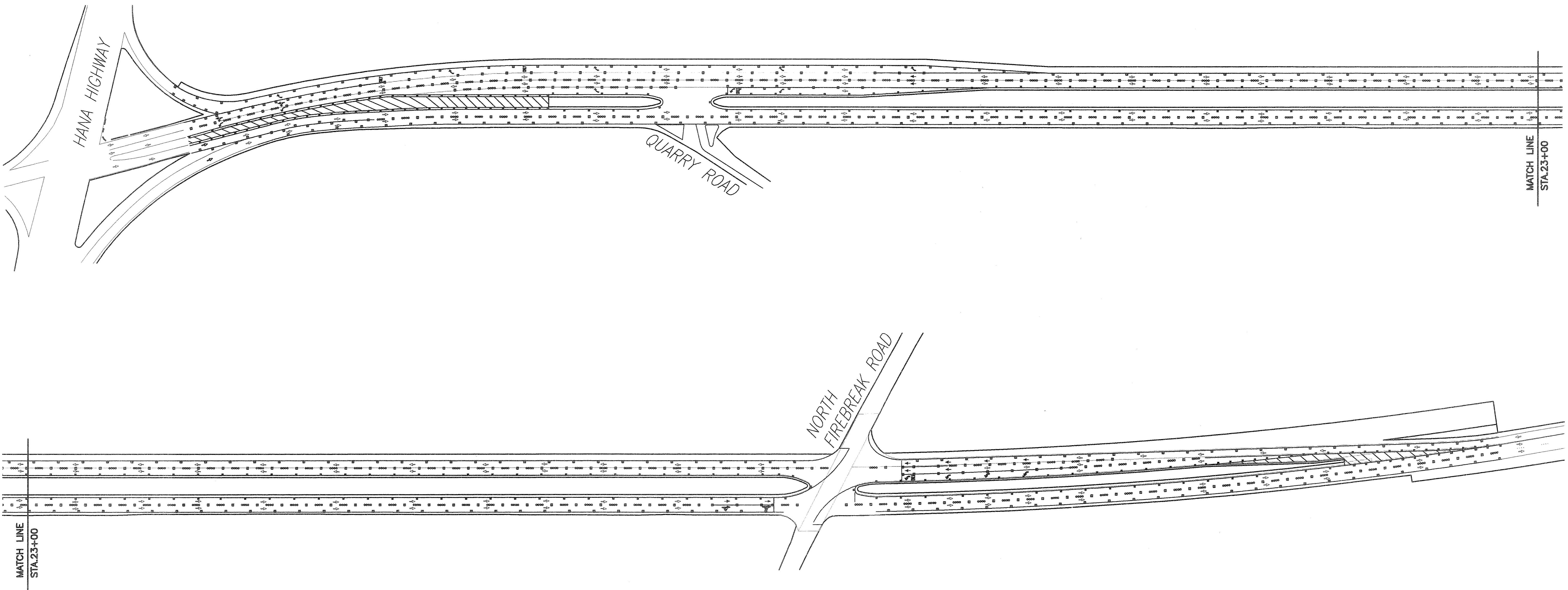
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN

HALEAKALA HIGHWAY WIDENING, PHASE I
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(22)

SCALE: AS NOTED DATE: NOV., 2002

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(22)	2003	56	72

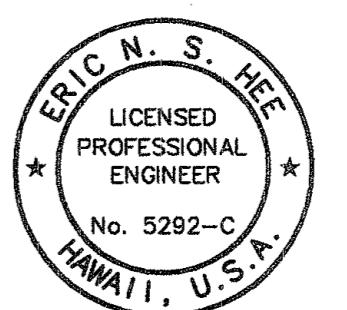


PHASE 4
SCALE: 1"=80'

PHASING NOTES:

1. PHASE 4:
CONSTRUCT AND INSTALL ROAD, STRIPING, AND SIGNAGE TO FINAL CONDITION.
REMOVE ALL TEMPORARY WORK.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
QUANTITY SURV.	TRACED BY	
CHECKED BY	RECORDED BY	
No. 94-56	LAYOUT-PHASE 4 = 11/12/02 lk	



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

Eric N. S. Hee
ENGINEERS SURVEYORS HAWAII, INC.

LICENSE EXPIRATION DATE: 4/30/04

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
CONSTRUCTION PHASING PLAN	
HALEAKALA HIGHWAY WIDENING, PHASE I HANA HIGHWAY TO PUKALANI BYPASS	
FED. AID PROJ. NO. NH-037-1(22)	
SCALE: AS NOTED	DATE: NOV., 2002
SHEET No.PH-3 OF 3 SHEETS	