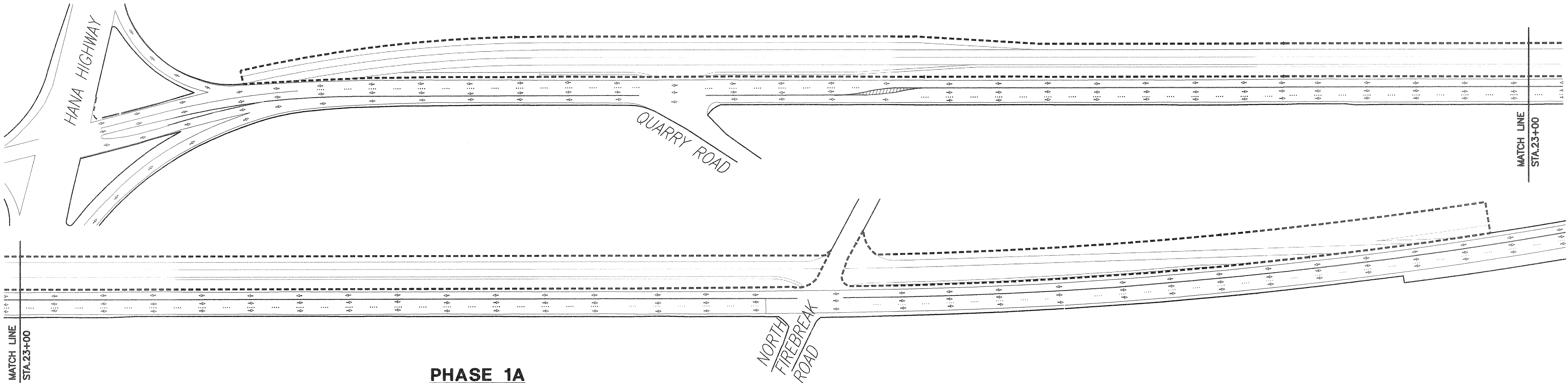
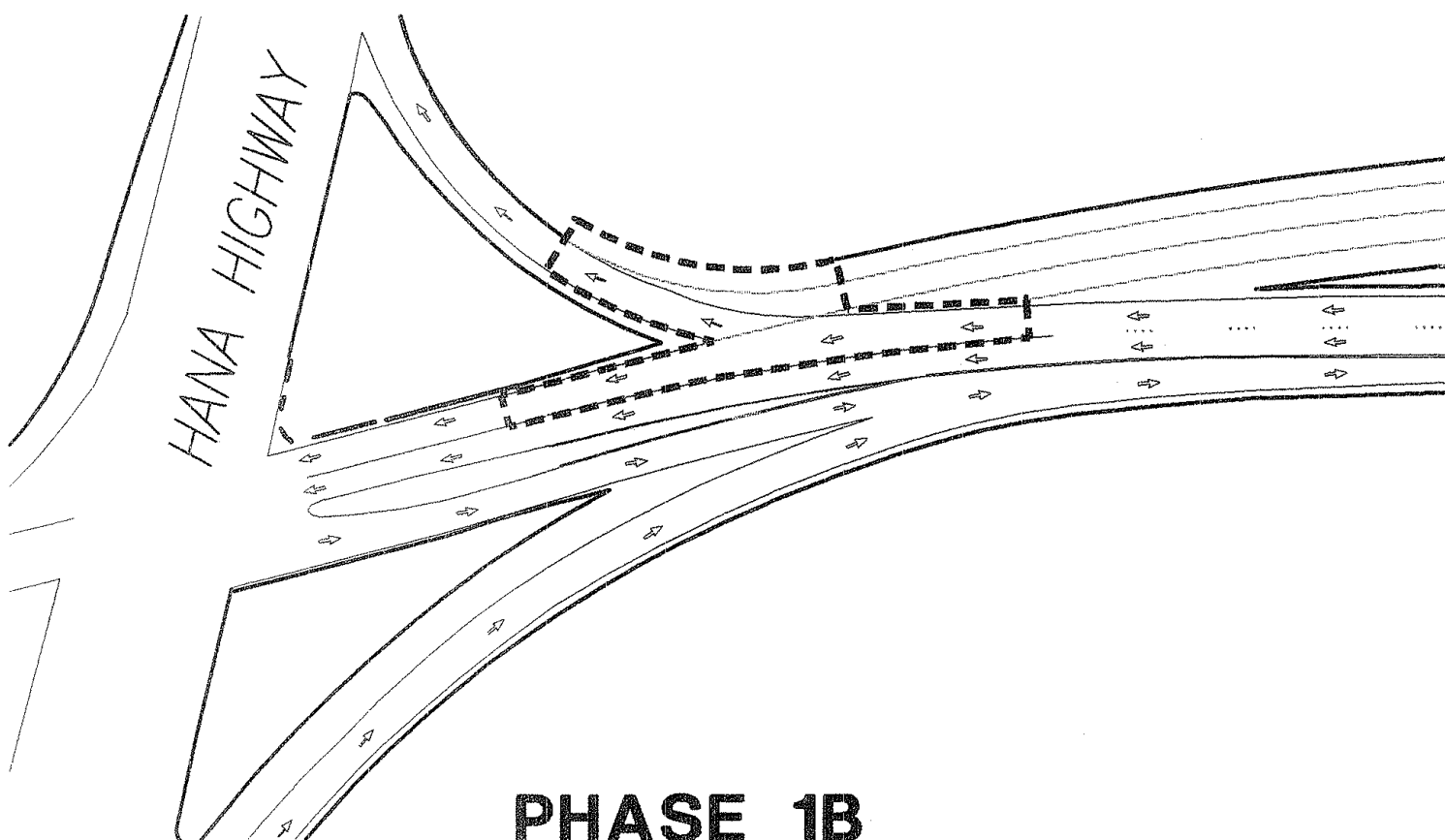


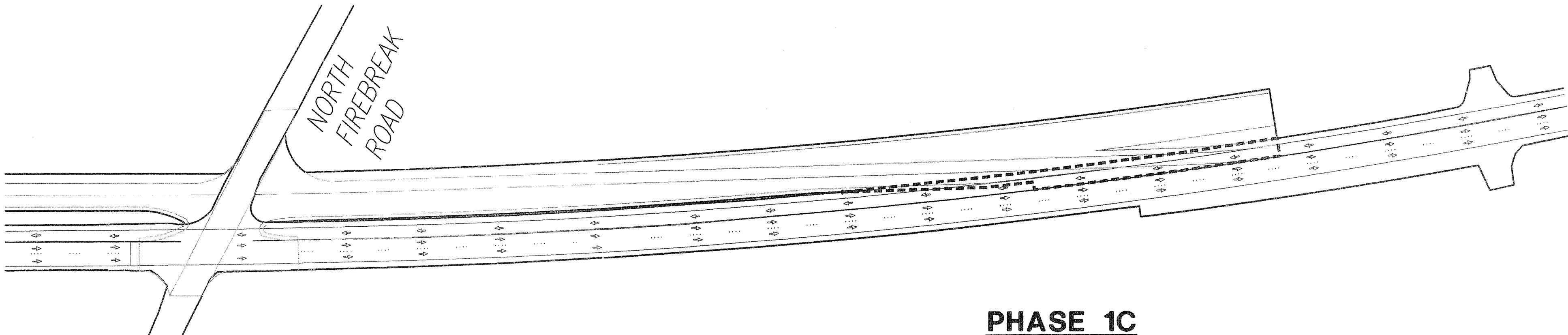
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(22)	2003	4	72



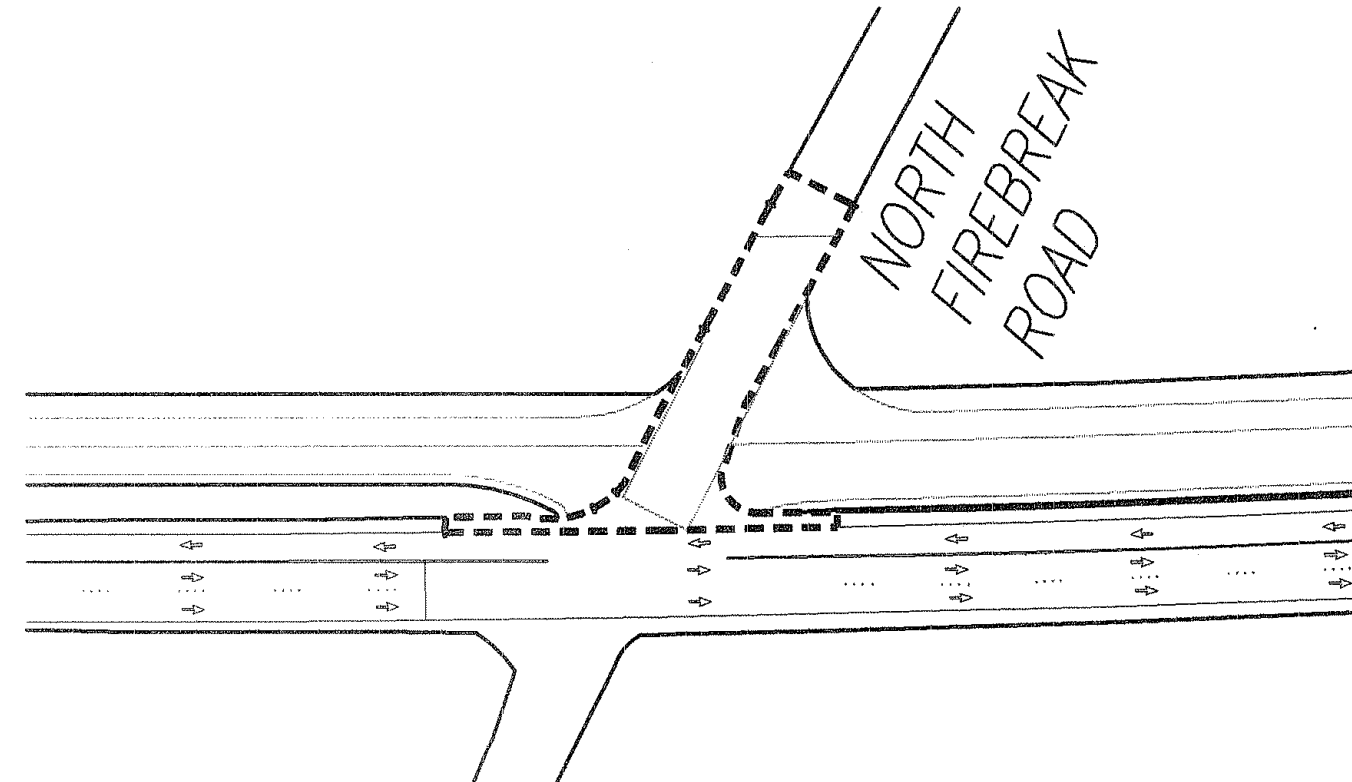
PHASE 1A
SCALE: 1"=80'



PHASE 1B
SCALE: 1"=80'



PHASE 1C
SCALE: 1"=80'



PHASE 1D
SCALE: 1"=80'

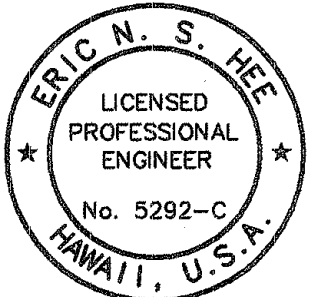
PHASING NOTES:

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. FIRE BREAK 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.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
No.	CHECKED BY	

194-56 f:PHASE 1/PH1-PHASING.dwg LAYOUT-PHASE 1 1=1 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

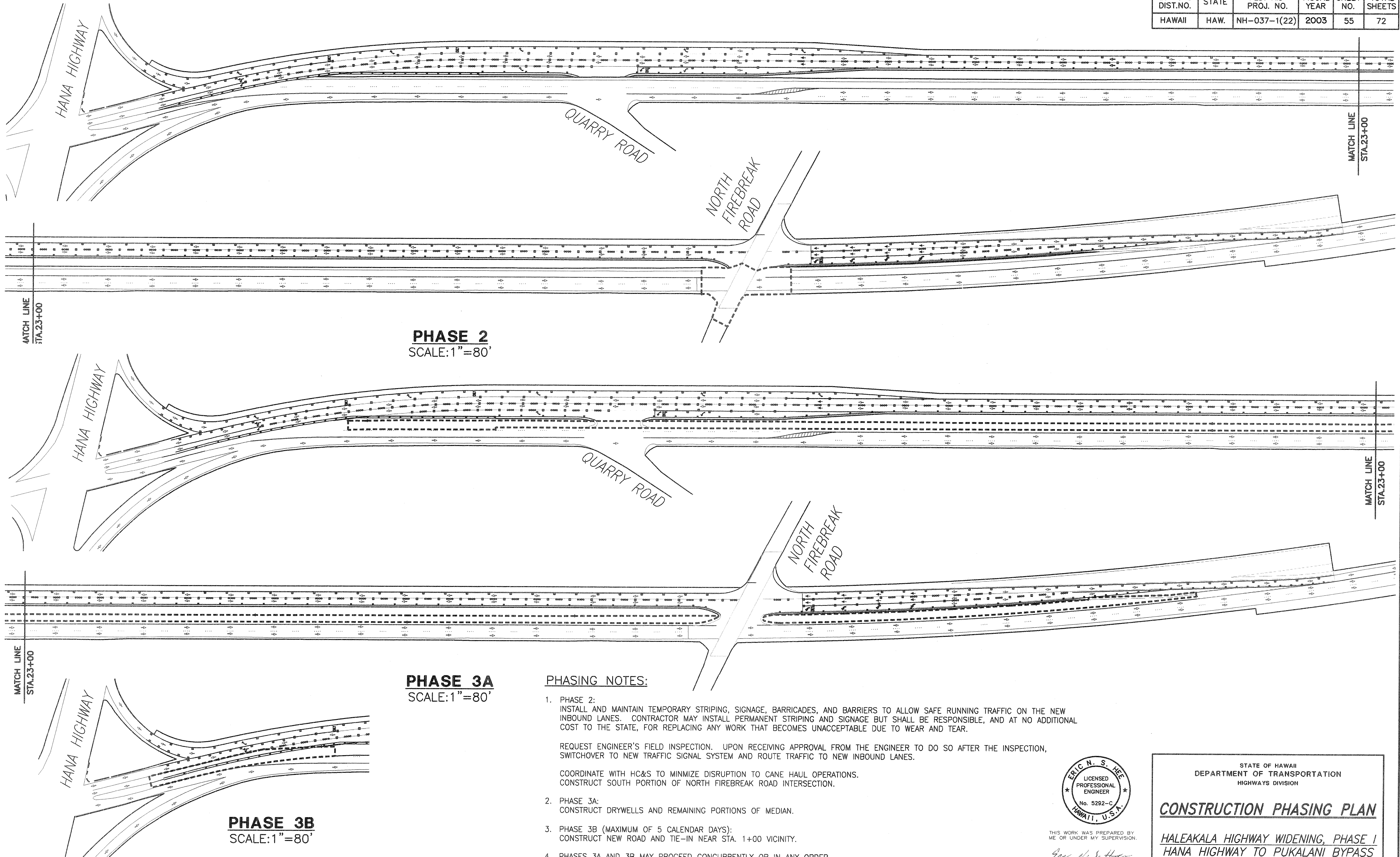
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN

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

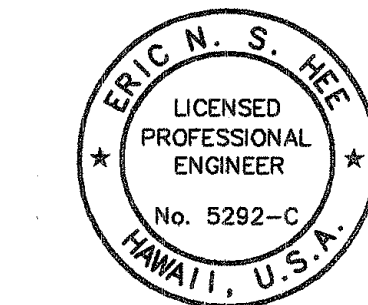
SCALE: AS NOTED DATE: NOV., 2002

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



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	CHECKED BY	

104-56 (PHASE 1/PH1-PHASING.dwg) LAYOUT PHASE 2 AND 3 1=1 11/12/02 lk



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ENGINEERS SURVEYORS HAWAII, INC.

LICENSE EXPIRATION DATE: 4/30/04

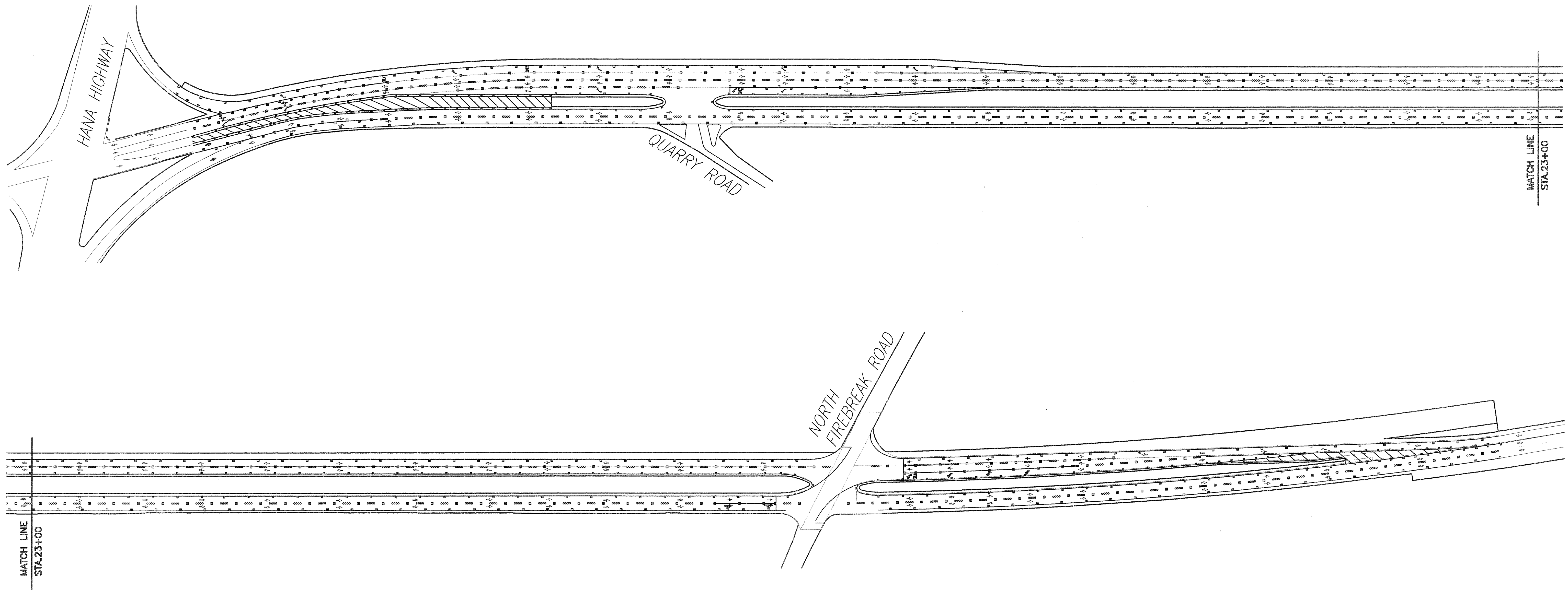
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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-2 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	56	72



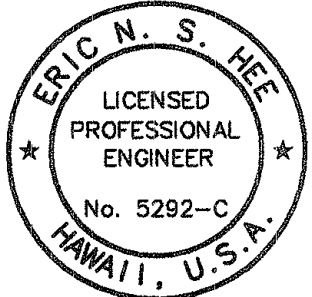
PHASE 4
SCALE: 1"=80'

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	
No.	DESIGNED BY	
	CHECKED BY	

1394-56 PHASE 1/PH1-PHASING.dwg LAYOUT:PHASE 4 1=1 11/12/02 lk



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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 1
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