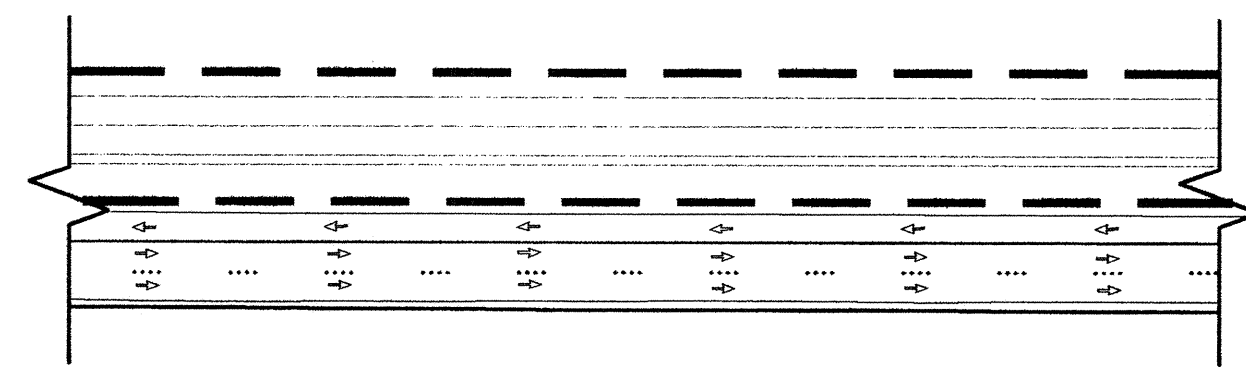
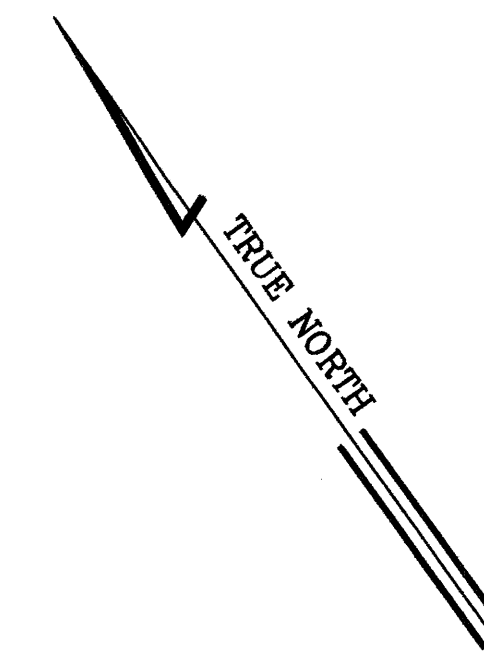


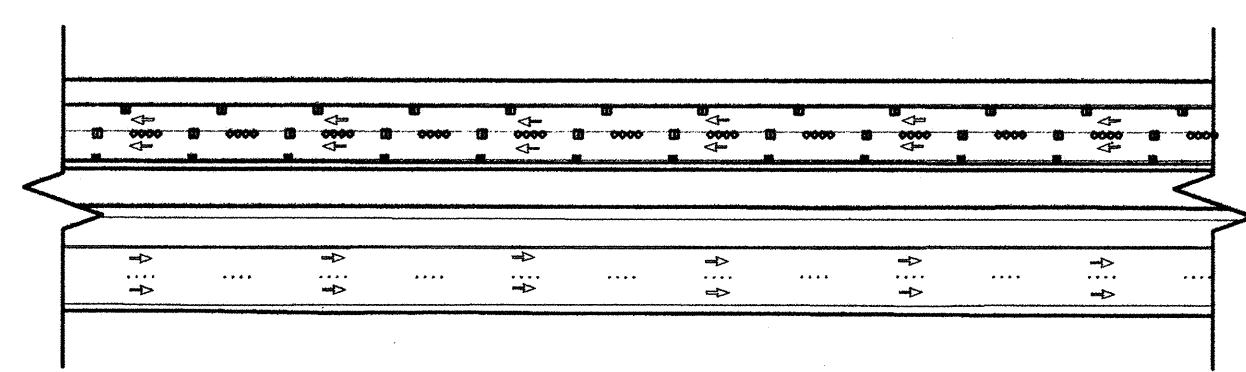
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	182	288



PHASE 1
SCALE: 1"=80'

PHASE 1 NOTES:

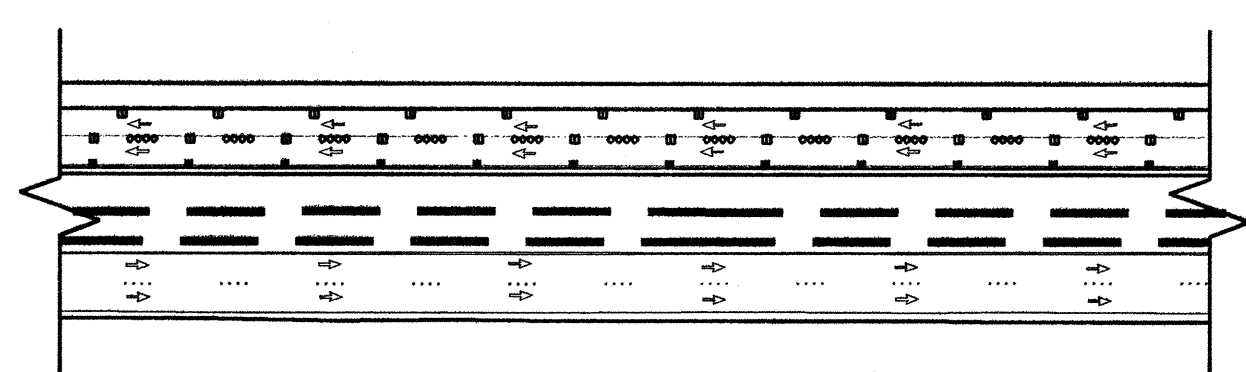
1. CONSTRUCT DRAINAGE SYSTEM.
2. CONSTRUCT NEW INBOUND LANES AND NORTH PORTION OF MEDIAN.
3. CONSTRUCT ROADWAY TIE-IN AT NORTH FIREBREAK ROAD INTERSECTION, STA. 47+00. PROVIDE SMOOTH RIDING CONNECTION.
4. CONSTRUCT ROADWAY TIE-IN AT EAST END OF PROJECT, STA. 292+50. PROVIDE SMOOTH RIDING CONNECTION.
5. CONSTRUCT NORTH HALF OF THE NEW KEAHUA ROAD INTERSECTION. INSTALL NEW TRAFFIC SIGNAL SYSTEM FOR ENTIRE KEAHUA ROAD INTERSECTION. MAINTAIN OPERATION OF EXISTING TRAFFIC SIGNAL SYSTEM UNTIL SWITCHOVER AT A LATER PHASE.
6. INSTALL NEW TRAFFIC SIGNAL SYSTEM FOR HAILIIMAILE ROAD INTERSECTION.
7. CONSTRUCT EMERGENCY ESCAPE RAMP.
8. CONSTRUCT ALL WORK WITHIN HC&S PROPERTY.



PHASE 2
SCALE: 1"=80'

PHASE 2 NOTES:

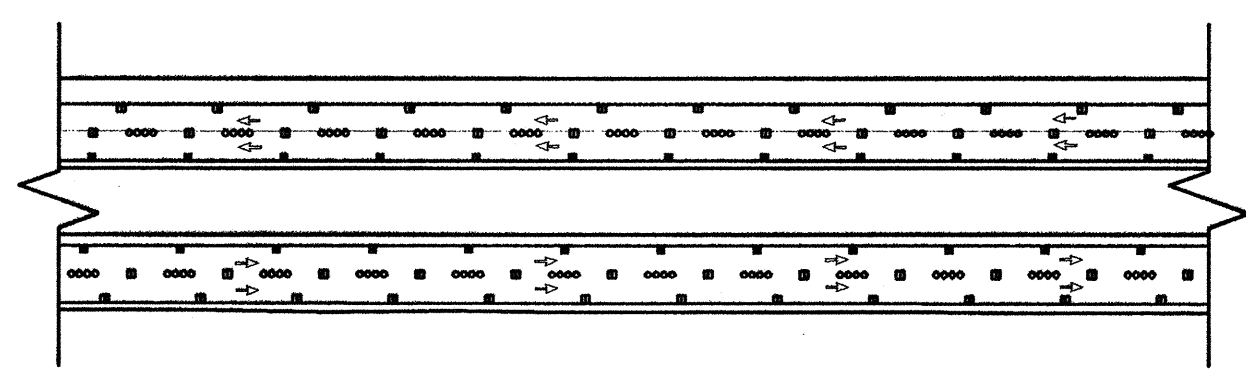
1. INSTALL AND MAINTAIN TEMPORARY STRIPING, SIGNAGE, BARRICADES, AND BARRIERS TO ALLOW SAFE RUNNING TRAFFIC ON THE NEW INBOUND LANES. CONTRACTOR MAY INSTALL PERMANENT STRIPING AND SIGNAGE BUT SHALL BE RESPONSIBLE, AND AT NO ADDITIONAL COST TO THE STATE, FOR REPLACING ANY WORK THAT BECOMES UNACCEPTABLE DUE TO WEAR AND TEAR.
2. 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. CONSTRUCT SOUTH PORTION OF KEAHUA INTERSECTION.
3. COORDINATE WITH HC&S TO MINIMIZE DISRUPTION TO CANE HAUL OPERATIONS (TYPICAL). CONSTRUCT SOUTH PORTION OF NEW KEAHUA ROAD INTERSECTION.



PHASE 3
SCALE: 1"=80'

PHASE 3 NOTES:

1. REMOVE AC ROAD IN MEDIAN BETWEEN NORTH FIREBREAK ROAD AND STA. 47+00.
2. REMOVE EXISTING AC AT NORTH SIDE OF OUTBOUND SHOULDER AND COMPLETE CONSTRUCTION OF MEDIAN.



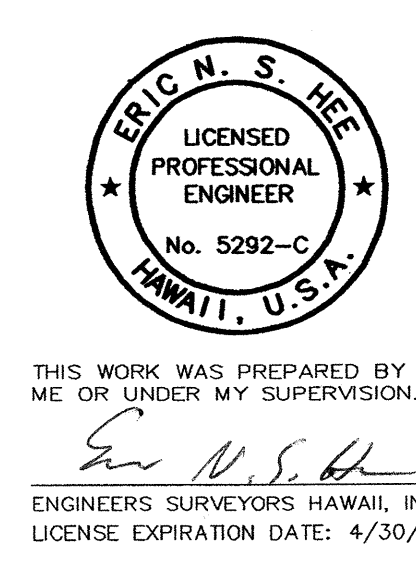
PHASE 4
SCALE: 1"=80'

PHASE 4 NOTES:

1. INSTALL FINAL STRIPING AND SIGNAGE TO FINAL CONDITION. REMOVE ALL TEMPORARY WORK.

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

\\fs-1\en\Engineering\Projects\1994\94-056 Haleakala Hwy\PHASE 2\WORKING\PH2-Phase3.dwg, Tue, Jun 07 2005 - 11:20am
AMB



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Eric N. S. Hee
ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

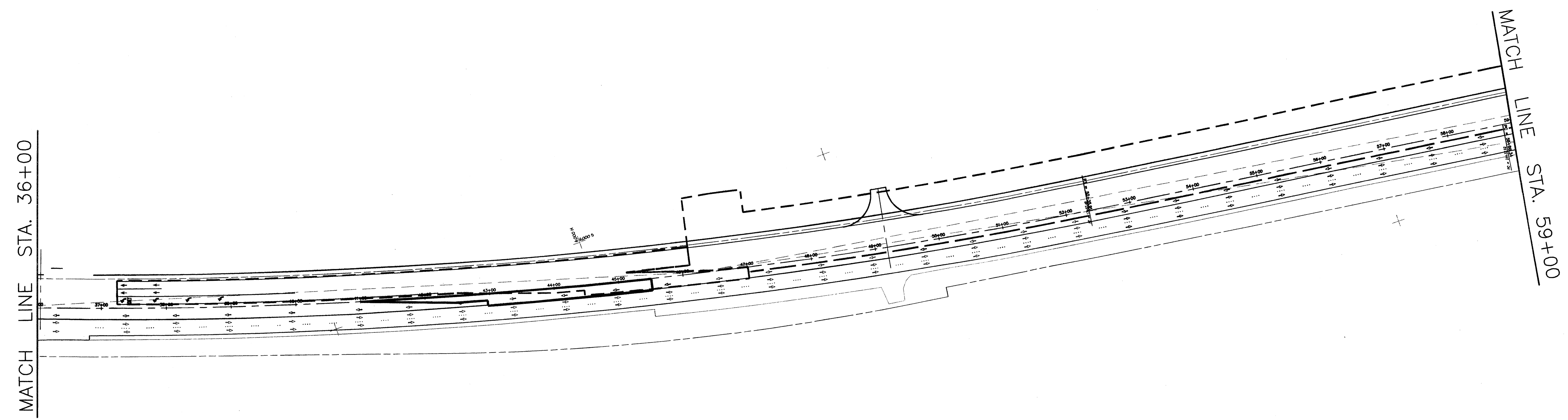
CONSTRUCTION PHASING PLAN

HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 1 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	183	288



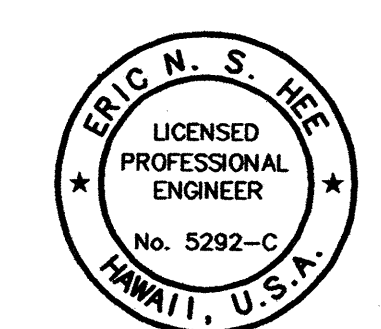
PHASING NOTES

1. CONSTRUCT DRAINAGE SYSTEM.
2. CONSTRUCT NEW INBOUND LANES AND NORTH PORTION OF MEDIAN.
3. CONSTRUCT ALL WORK WITHIN HC&S PROPERTY.
4. CONSTRUCT ROADWAY TIE-IN AT NORTH FIREBREAK ROAD INTERSECTION, STA. 47+00. PROVIDE SMOOTH RIDING CONNECTION.
5. CONSTRUCT ROADWAY TIE-IN AT EAST END OF PROJECT, STA. 292+50. PROVIDE SMOOTH RIDING CONNECTION.
6. CONSTRUCT NORTH HALF OF THE NEW KEAHUA ROAD INTERSECTION. INSTALL NEW TRAFFIC SIGNAL SYSTEM FOR ENTIRE KEAHUA ROAD INTERSECTION. MAINTAIN OPERATION OF EXISTING TRAFFIC SIGNAL SYSTEM UNTIL SWITCHOVER AT A LATER PHASE.
7. INSTALL NEW TRAFFIC SIGNAL SYSTEM FOR HAILIIMAILE ROAD INTERSECTION.
8. CONSTRUCT EMERGENCY ESCAPE RAMP.

PHASE 1A
SCALE: 1"=80'

ORIGINAL PLAN	DATE
NO. _____	_____
DESIGNED BY _____	_____
CHECKED BY _____	_____

I:\2005\Projects\1994\04-056 Haleakala Hwy\PHASE 2\WORKING\FOLDER\Phasing Plans\Phase 1A.dwg, Modif, 9/30/2005 12:23:52 PM,



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 ENGINEERS SURVEYORS HAWAII, INC.
 LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 1

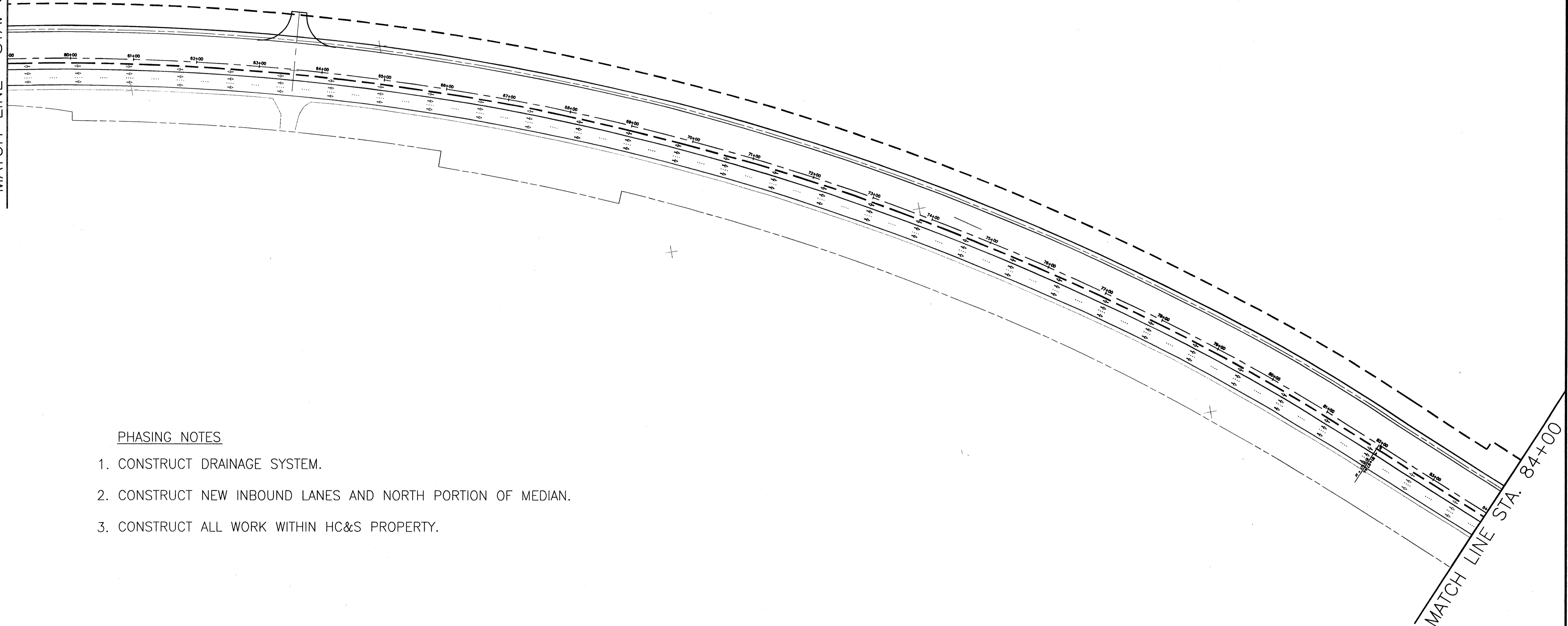
**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 2 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	184	288

MATCH LINE STA. 59+00



PHASING NOTES

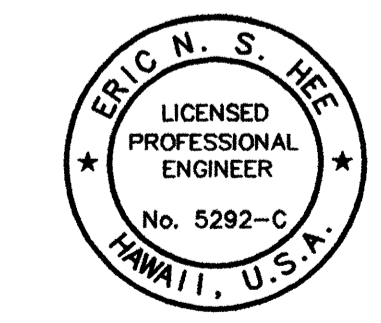
1. CONSTRUCT DRAINAGE SYSTEM.
2. CONSTRUCT NEW INBOUND LANES AND NORTH PORTION OF MEDIAN.
3. CONSTRUCT ALL WORK WITHIN HC&S PROPERTY.

MATCH LINE STA. 84+00

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

1:\sbs-1\enr\Engineering\Projects\199A\04-056 Haleakala Hwy\PHASE 2\WORKINGFOLDER\Phasing Plans\ACAD.dwg, Model, 9/30/2005 2:59:58 PM

PHASE 1B
SCALE: 1"=80'



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LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 1

*Haleakala Highway Widening, Phase 2
Hana Highway to Pukalani Bypass*
FED. AID PROJ. NO. NH-037-1(24)

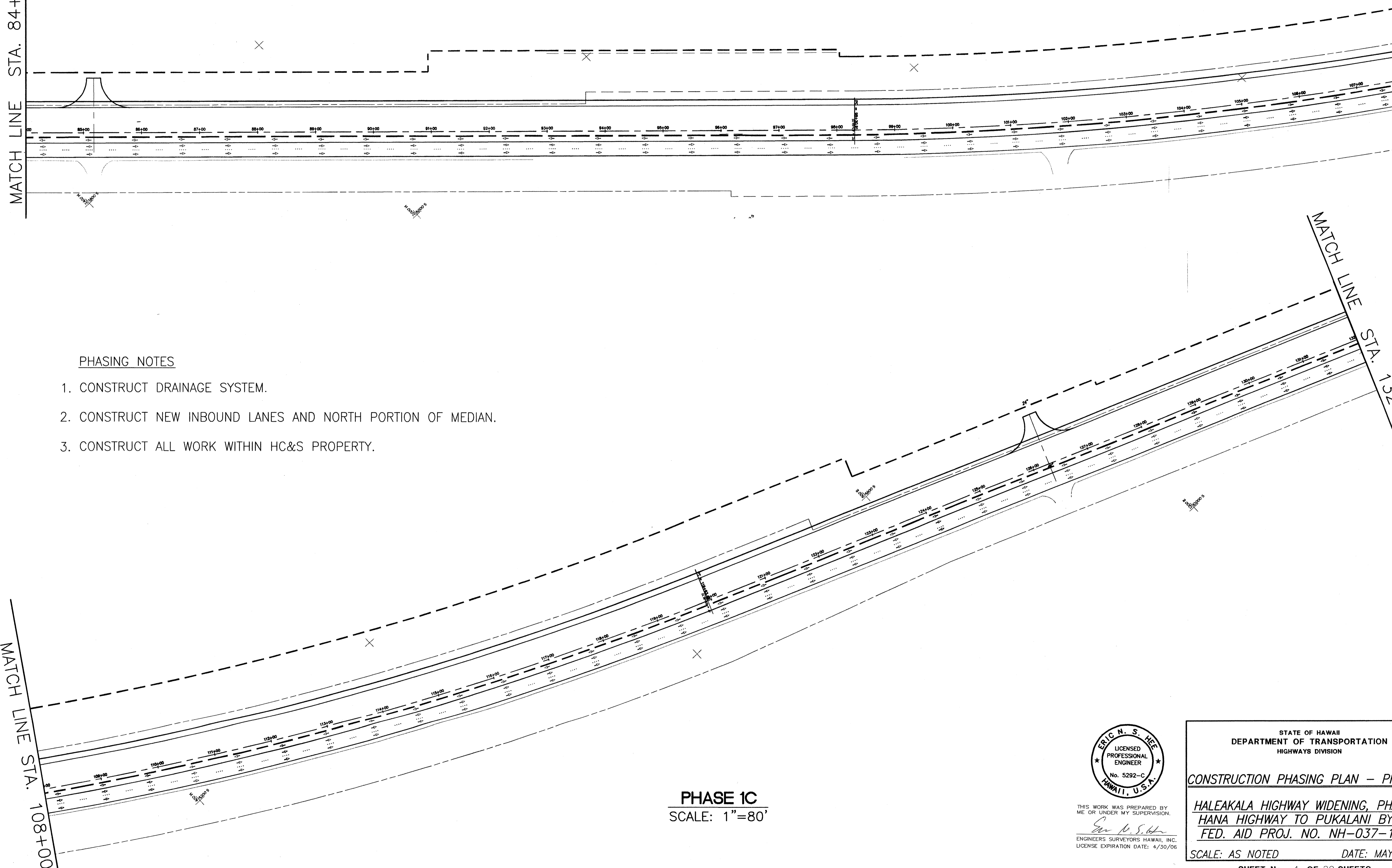
SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 3 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	185	288

MATCH LINE STA. 84+00

MATCH LINE STA. 108+00



- PHASING NOTES
1. CONSTRUCT DRAINAGE SYSTEM.
 2. CONSTRUCT NEW INBOUND LANES AND NORTH PORTION OF MEDIAN.
 3. CONSTRUCT ALL WORK WITHIN HC&S PROPERTY.

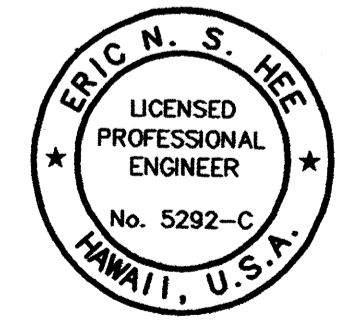
MATCH LINE STA. 108+00

MATCH LINE STA. 132+00

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY _____	_____
DRAWN BY _____	_____
TRACED BY _____	_____
DESIGNED BY _____	_____
CHECKED BY _____	_____
NO. _____	_____

\\fs-1\enr\Engineering\Projects\1994\05 Haleakala Hwy\PHASE 2\WORKING\FOLDER\Phasing\plans scanned to ACAD.dwg, Model, 9/30/2005 3:03:01 PM, AMB

PHASE 1C
SCALE: 1"=80'



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LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 1

*Haleakala Highway Widening, Phase 2
Hana Highway to Pukalani Bypass
FED. AID PROJ. NO. NH-037-1(24)*

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 4 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	186	288

MATCH LINE STA. 132+00

MATCH LINE STA. 156+00

MATCH LINE STA. 156+00

MATCH LINE STA. 180+00

PHASING NOTES

1. CONSTRUCT DRAINAGE SYSTEM.
2. CONSTRUCT NEW INBOUND LANES AND NORTH PORTION OF MEDIAN.
3. CONSTRUCT ALL WORK WITHIN HC&S PROPERTY.
4. CONSTRUCT NORTH HALF OF THE NEW KEAHUA ROAD INTERSECTION. INSTALL NEW TRAFFIC SIGNAL SYSTEM FOR ENTIRE KEAHUA ROAD INTERSECTION. MAINTAIN OPERATION OF EXISTING TRAFFIC SIGNAL SYSTEM UNTIL SWITCHOVER AT A LATER PHASE. COORDINATE WITH HC&S TO MINIMIZE DISRUPTION TO CANE HAUL OPERATIONS (TYPICAL)
5. CONSTRUCT EMERGENCY ESCAPE RAMP.

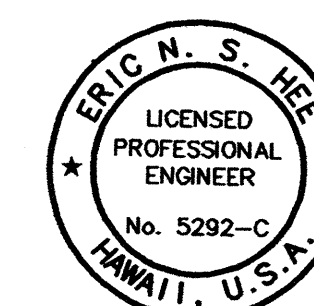
KEAHUA RD

EMERGENCY ESCAPE RAMP

ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

1:\esh\Engineering\Projects\1994\04-056 Haleakala Hwy\PHASE 2\WORKING\DRAWN\CONSTRUCTION\Phase1.dwg, Sta. Jun 25 2005 - 11:21am

PHASE 1D
SCALE: 1"=80'



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ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

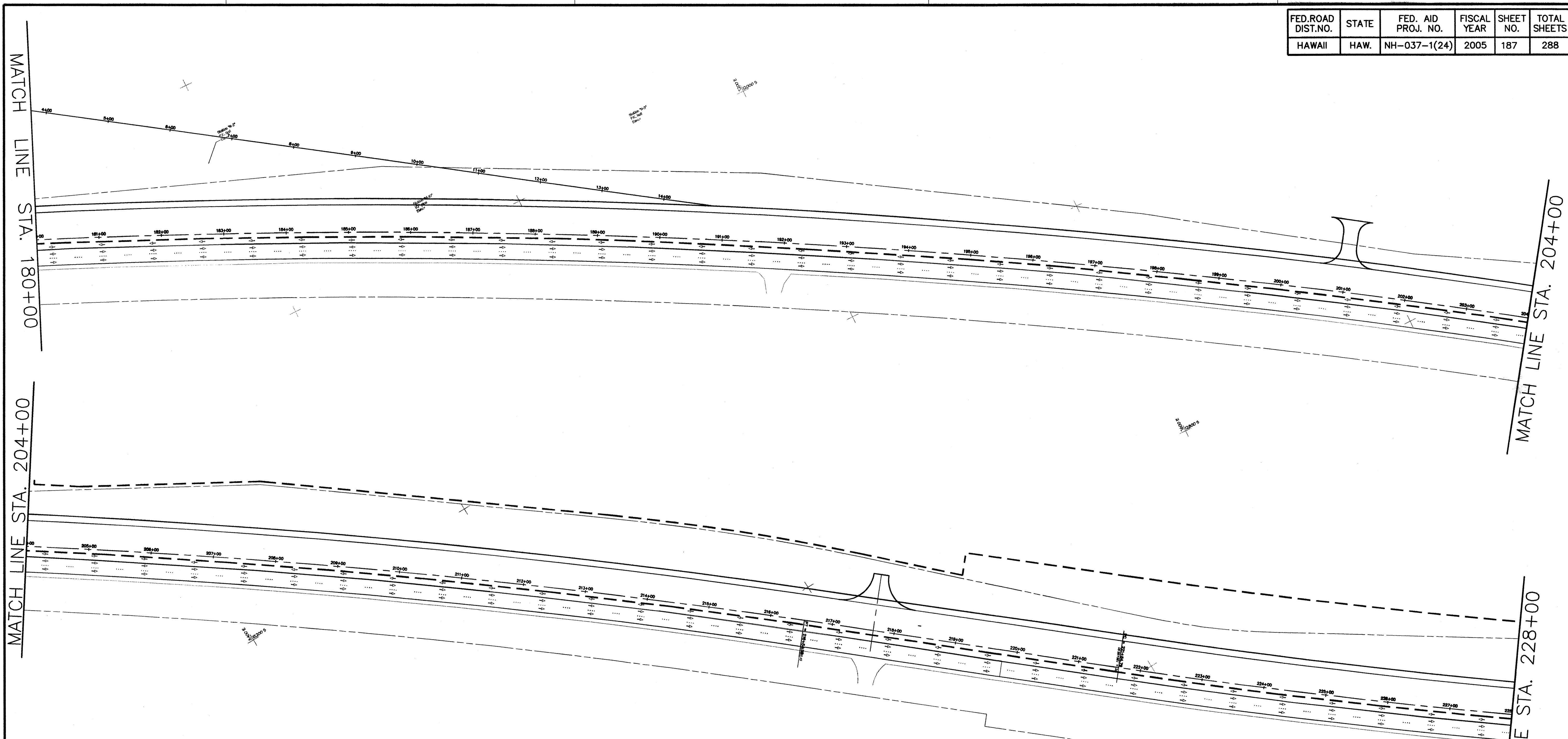
CONSTRUCTION PHASING PLAN - PHASE 1

HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 5 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	187	288



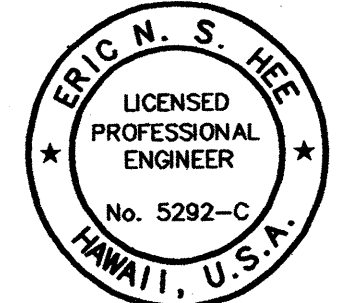
PHASING NOTES

1. CONSTRUCT DRAINAGE SYSTEM.
2. CONSTRUCT NEW INBOUND LANES AND NORTH PORTION OF MEDIAN.
3. CONSTRUCT ALL WORK WITHIN HC&S PROPERTY.
4. CONSTRUCT EMERGENCY ESCAPE RAMP.

PHASE 1E
SCALE: 1"=80'

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

I:\Eng-1\enr\Engineering\Projects\1994\056 Haleakala Hwy\Phase 2\Work\06020201\Construction-Phase 1E.dwg, Sat Jun 25 2005 - 11:48am
 AMP



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 ENGINEERS SURVEYORS HAWAII, INC.
 LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 1

**HALEAKALA HIGHWAY WIDENING, PHASE 2
 HANA HIGHWAY TO PUKALANI BYPASS
 FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

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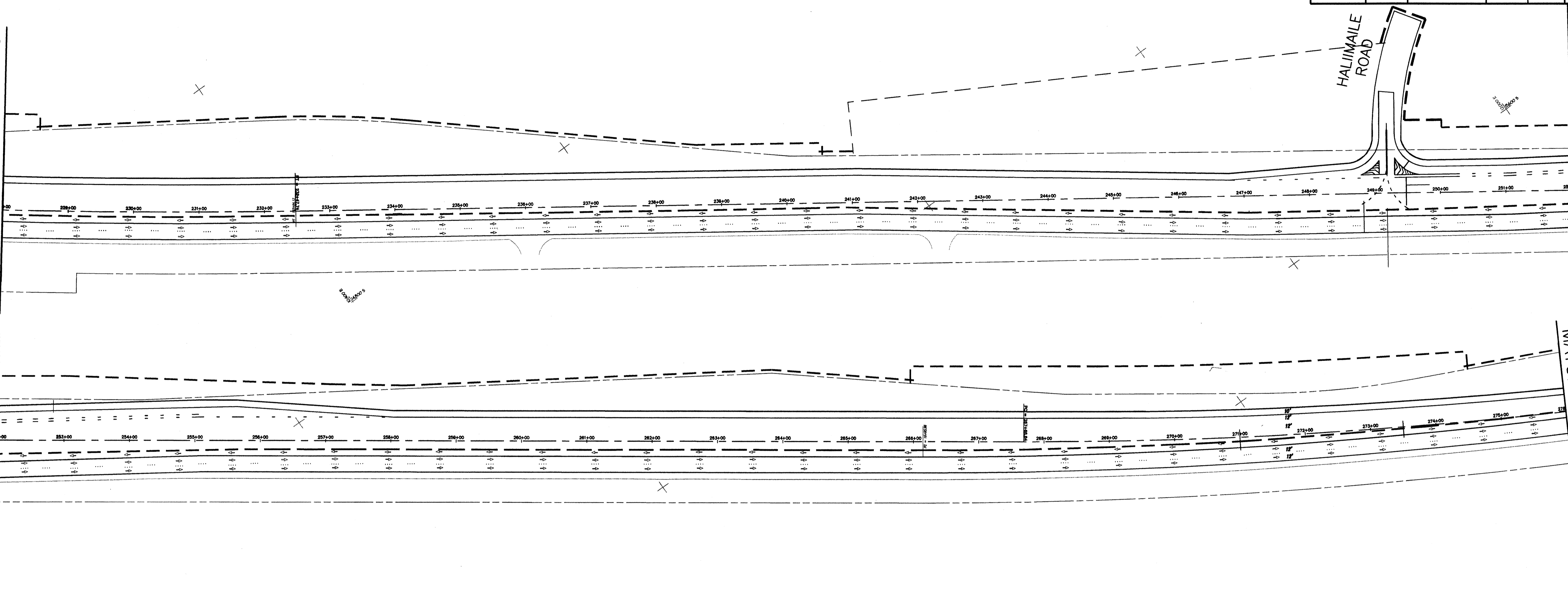
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	182	288

MATCH LINE STA. 228+00

MATCH LINE STA. 252+00

MATCH LINE STA. 252+00

MATCH LINE STA. 276+00



PHASING NOTES

1. CONSTRUCT DRAINAGE SYSTEM.
2. CONSTRUCT NEW INBOUND LANES AND NORTH PORTION OF MEDIAN.
3. CONSTRUCT ALL WORK WITHIN HC&S PROPERTY.
4. INSTALL NEW TRAFFIC SIGNAL SYSTEM FOR HAILIMAILE ROAD INTERSECTION.

PHASE 1F
SCALE: 1"=80'

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

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LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 1

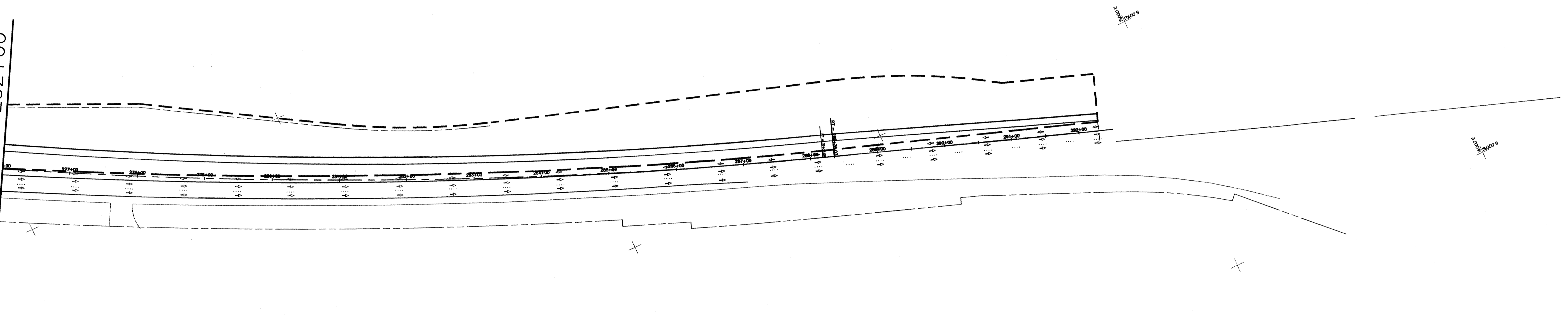
**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 7 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	189	288

MATCH LINE STA. 252+00



PHASING NOTES

1. CONSTRUCT DRAINAGE SYSTEM.
2. CONSTRUCT NEW INBOUND LANES AND NORTH PORTION OF MEDIAN.
3. CONSTRUCT ALL WORK WITHIN HC&S PROPERTY.
4. CONSTRUCT ROADWAY TIE-IN AT EAST END OF PROJECT, STA. 292+50. PROVIDE SMOOTH RIDING CONNECTION.

PHASE 1G
SCALE: 1"=80'

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

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 ENGINEERS SURVEYORS HAWAII, INC.
 LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

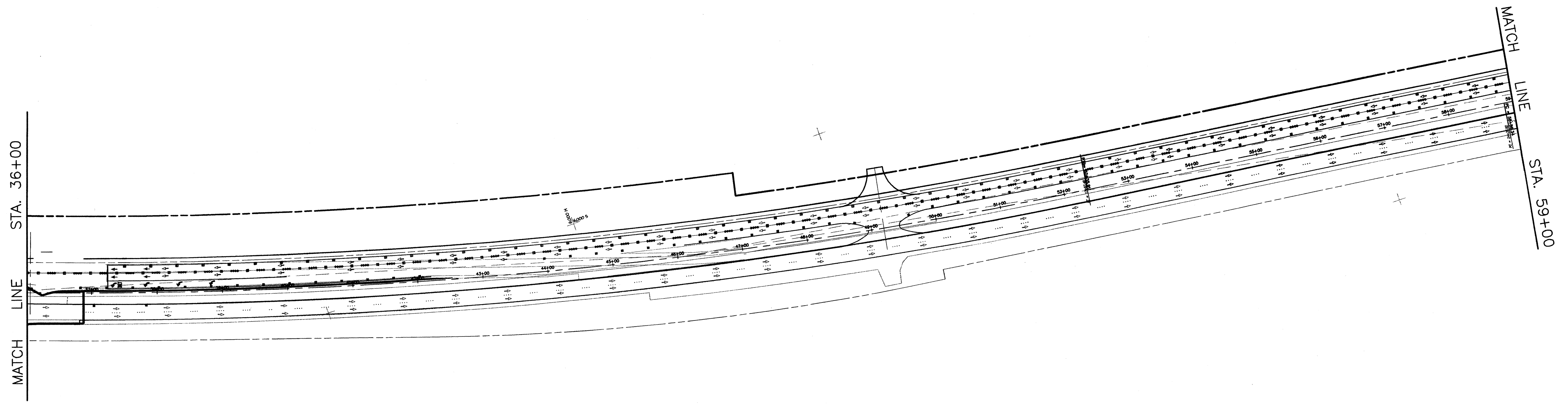
CONSTRUCTION PHASING PLAN - PHASE 1

**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 8 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	190	288



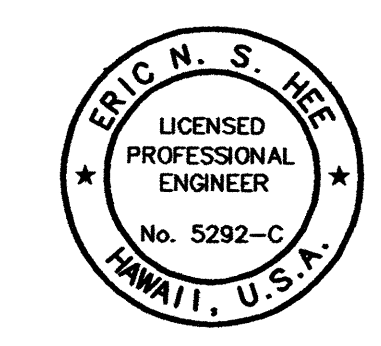
PHASING NOTES

1. 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.
2. 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. CONSTRUCT SOUTH PORTION OF KEAHUA INTERSECTION.
3. COORDINATE WITH HC&S TO MINIMIZE DISRUPTION TO CANE HAUL OPERATIONS (TYPICAL). CONSTRUCT SOUTH PORTION OF NEW KEAHUA ROAD INTERSECTION.

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

\\Ech-1\ech\Engineering\Projects\1994\04-056 Haleakala Hwy\PHASE 2\WORKING\FOLDER\Phasing Plans\scanned to ACPD.dwg, Model, 9/30/2005 3:08:00 PM
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PHASE 2A
SCALE: 1"=80'



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 ENGINEERS SURVEYORS HAWAII, INC.
 LICENSE EXPIRATION DATE: 4/30/06

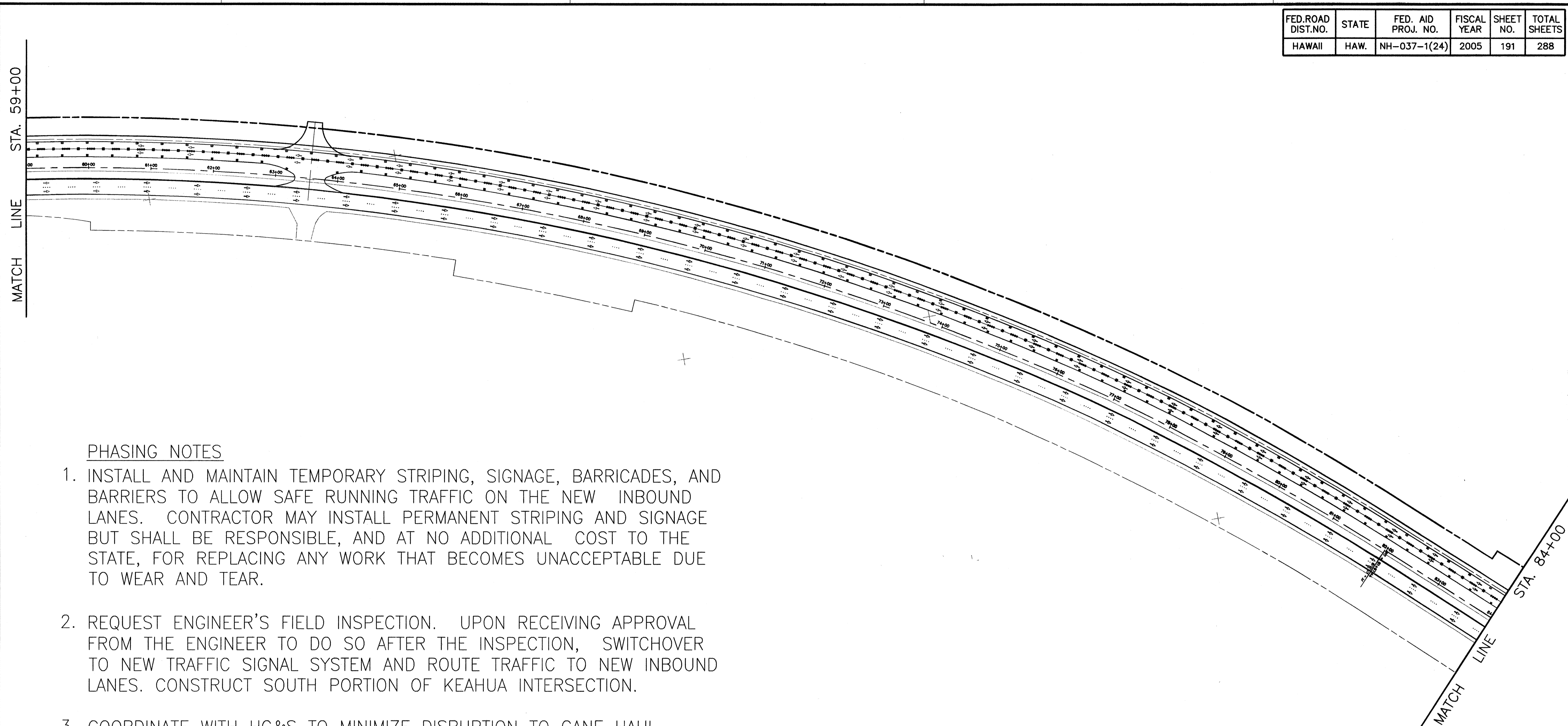
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 2

**HALEAKALA HIGHWAY WIDENING, PHASE 2
 HANA HIGHWAY TO PUKALANI BYPASS
 FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	191	288



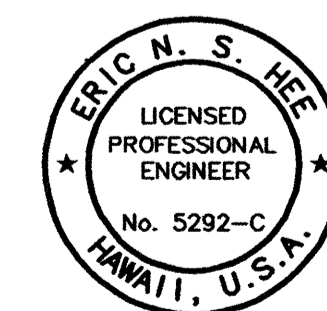
PHASING NOTES

1. 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.
2. 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. CONSTRUCT SOUTH PORTION OF KEAHUA INTERSECTION.
3. COORDINATE WITH HC&S TO MINIMIZE DISRUPTION TO CANE HAUL OPERATIONS (TYPICAL). CONSTRUCT SOUTH PORTION OF NEW KEAHUA ROAD INTERSECTION.

PHASE 2B
SCALE: 1"=80'

ORIGINAL PLAN	DATE
DESIGNED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

I:\Esh-1\esh\Engineering\Projects\1994\04-056 Haleakala Hwy\PHASE 2\WORKINGFOLDER\Phasing plans scanned to ACAD\dwg Model 9/30/2005 3:24:38 PM
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ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

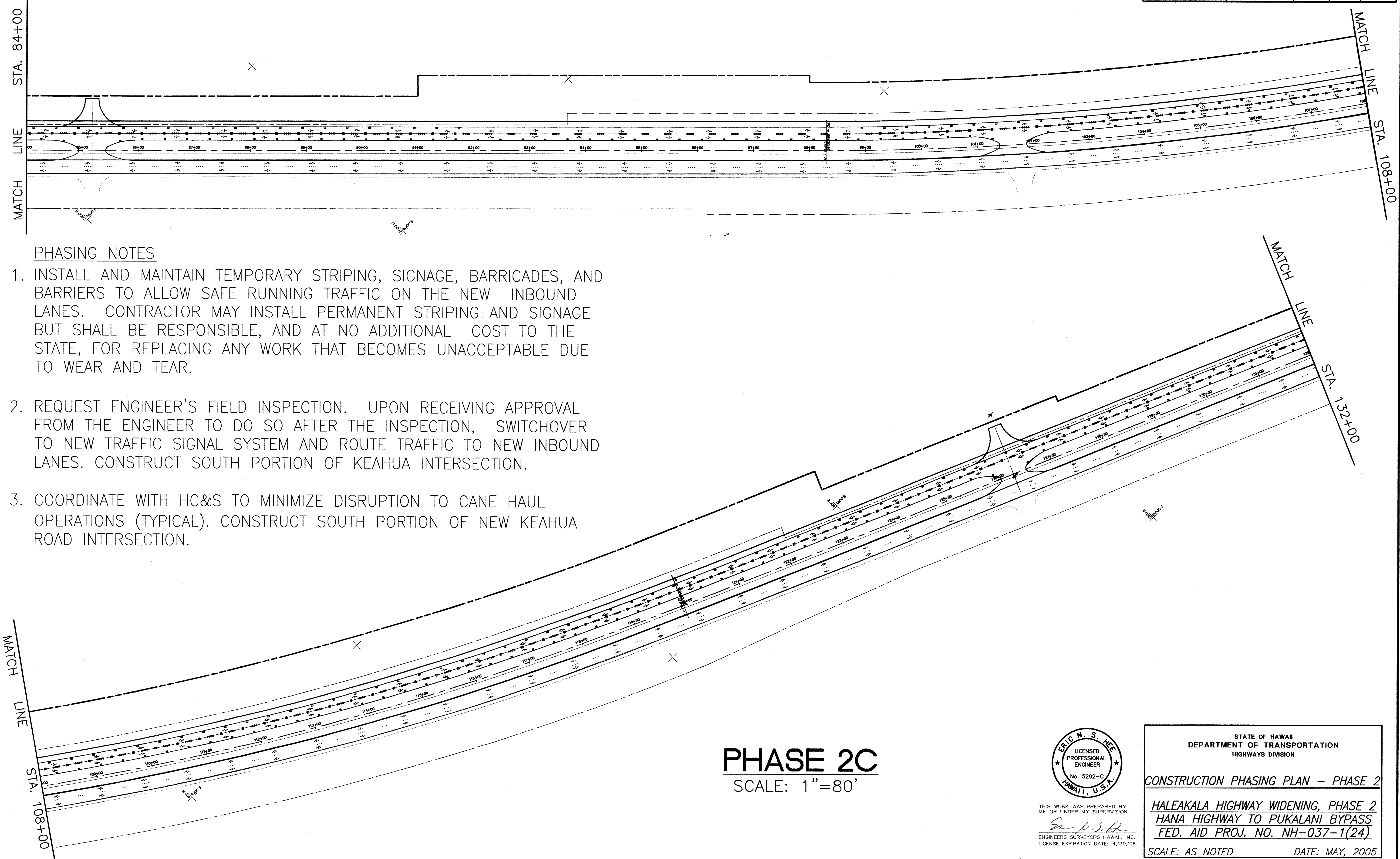
CONSTRUCTION PHASING PLAN - PHASE 2

**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 10 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	192	288



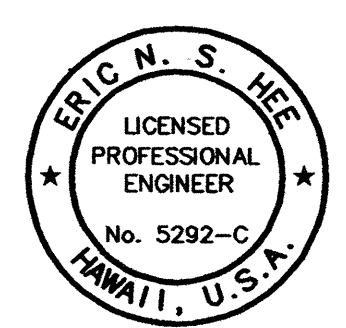
PHASING NOTES

1. 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.
2. 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. CONSTRUCT SOUTH PORTION OF KEAHUA INTERSECTION.
3. COORDINATE WITH HC&S TO MINIMIZE DISRUPTION TO CANE HAUL OPERATIONS (TYPICAL). CONSTRUCT SOUTH PORTION OF NEW KEAHUA ROAD INTERSECTION.

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
No.	

\\Leah-1\esh\Engineering\Projects\1994\94-056 Haleakala Hwy\PHASE 2\WORKING\OLDER\Phasing Plans\scanned to ACAD.dwg, Model, 9/30/2005 3:25:42 PM
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 JMB

PHASE 2C
SCALE: 1"=80'



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Eric N. S. Hee
 ENGINEERS SURVEYORS HAWAII, INC.
 LICENSE EXPIRATION DATE: 4/30/06

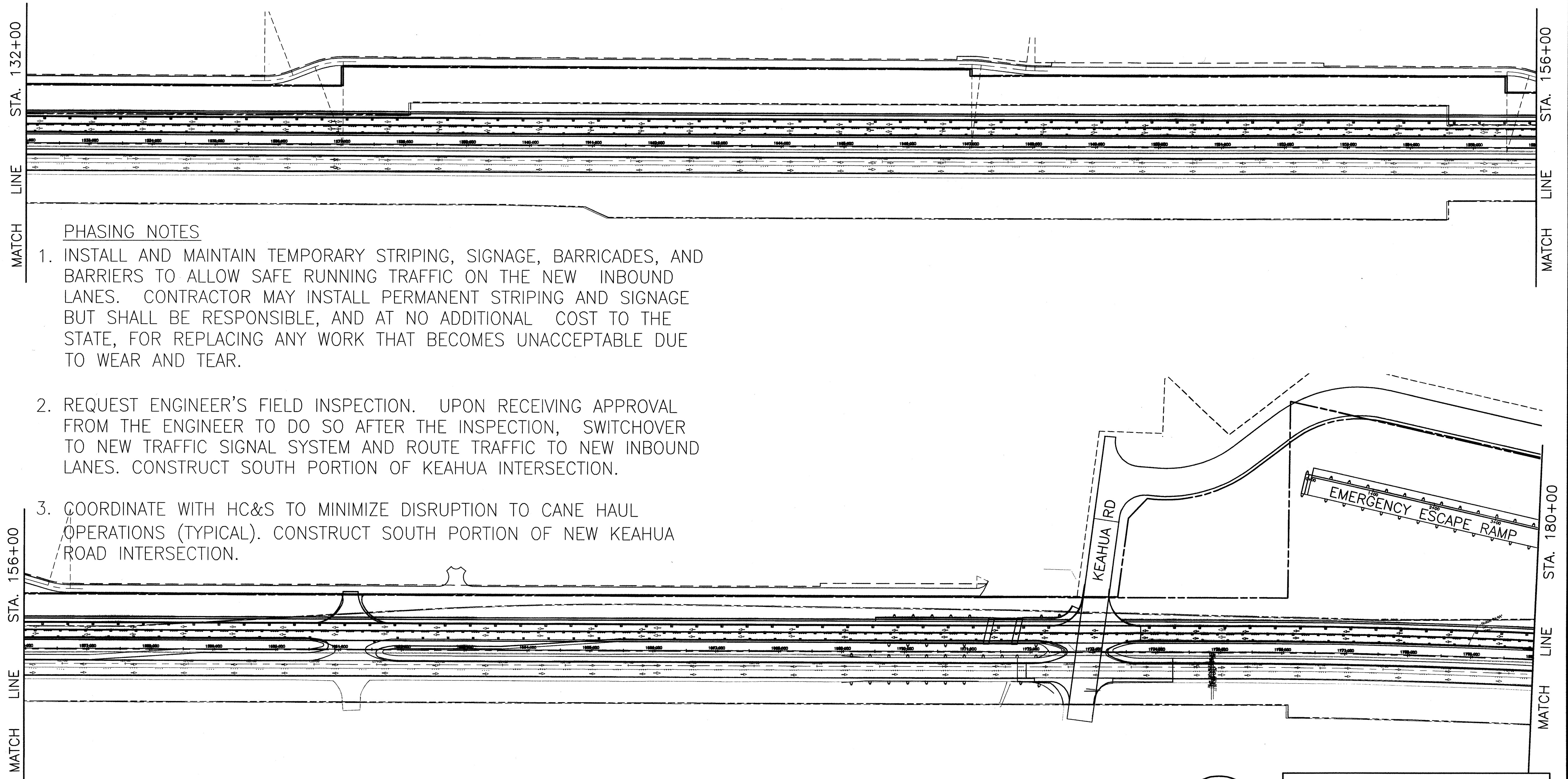
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 2

**HALEAKALA HIGHWAY WIDENING, PHASE 2
 HANA HIGHWAY TO PUKALANI BYPASS
 FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	193	288



PHASING NOTES

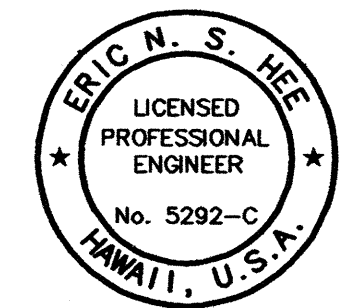
1. INSTALL AND MAINTAIN TEMPORARY STRIPING, SIGNAGE, BARRICADES, AND BARRIERS TO ALLOW SAFE RUNNING TRAFFIC ON THE NEW INBOUND LANES. CONTRACTOR MAY INSTALL PERMANENT STRIPING AND SIGNAGE BUT SHALL BE RESPONSIBLE, AND AT NO ADDITIONAL COST TO THE STATE, FOR REPLACING ANY WORK THAT BECOMES UNACCEPTABLE DUE TO WEAR AND TEAR.
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3. COORDINATE WITH HC&S TO MINIMIZE DISRUPTION TO CANE HAUL OPERATIONS (TYPICAL). CONSTRUCT SOUTH PORTION OF NEW KEAHUA ROAD INTERSECTION.

ORIGINAL PLAN	DATE
NO.	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	

\\Esh-1\esh\Engineering\Projects\1994\94-056 Haleakala Hwy\PHASE 2\WORKING\FOLDER\ConPhaPla-Phase2-s6.dwg - Sat, 06/25/05 12:56pm

PHASE 2D

SCALE: 1"=80'



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Eric N. S. Hee
 ENGINEERS SURVEYORS HAWAII, INC.
 LICENSE EXPIRATION DATE: 4/30/06

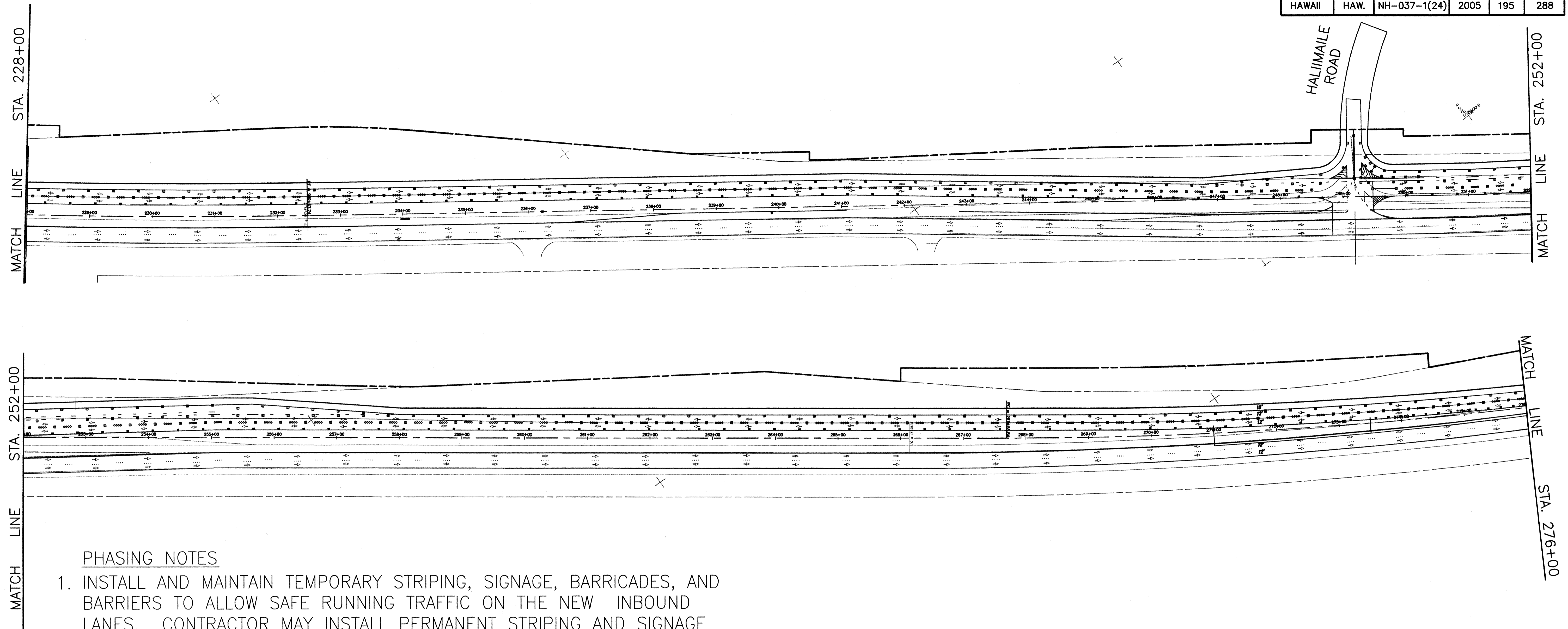
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 2

**HALEAKALA HIGHWAY WIDENING, PHASE 2
 HANA HIGHWAY TO PUKALANI BYPASS
 FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	195	288

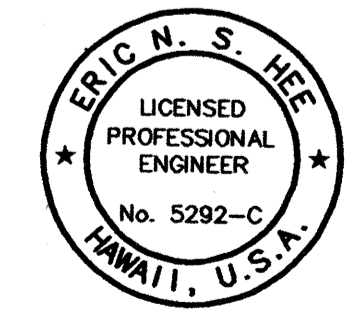


PHASING NOTES

1. 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.
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3. COORDINATE WITH HC&S TO MINIMIZE DISRUPTION TO CANE HAUL OPERATIONS (TYPICAL). CONSTRUCT SOUTH PORTION OF NEW KEAHUA ROAD INTERSECTION.

ORIGINAL PLAN	DATE
DESIGNED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

PHASE 2F
SCALE: 1"=80'



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ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 2

**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

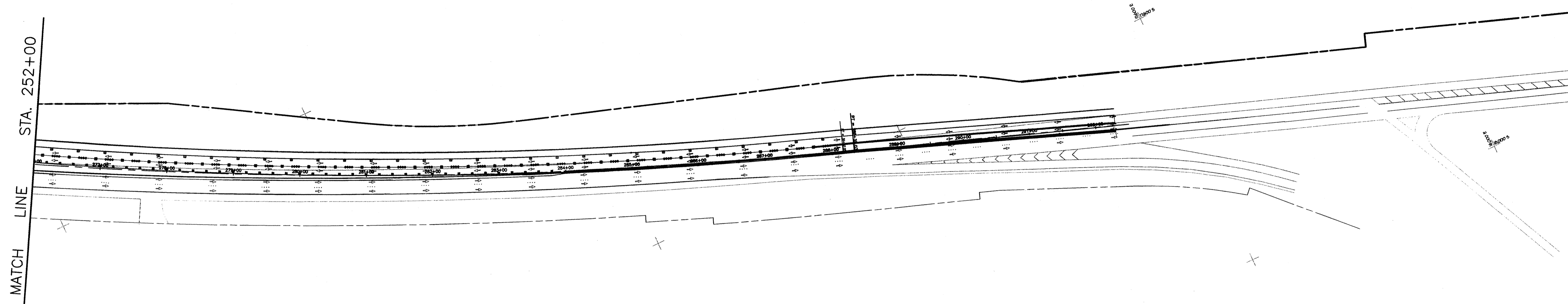
SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 14 OF 29 SHEETS

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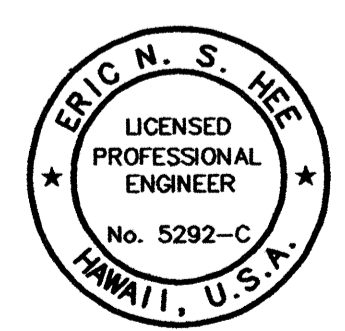
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	196	288



PHASING NOTES

1. 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.
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3. COORDINATE WITH HC&S TO MINIMIZE DISRUPTION TO CANE HAUL OPERATIONS (TYPICAL). CONSTRUCT SOUTH PORTION OF NEW KEAHUA ROAD INTERSECTION.

PHASE 2G
SCALE: 1"=80'



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Eric N. S. Hee
ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 2

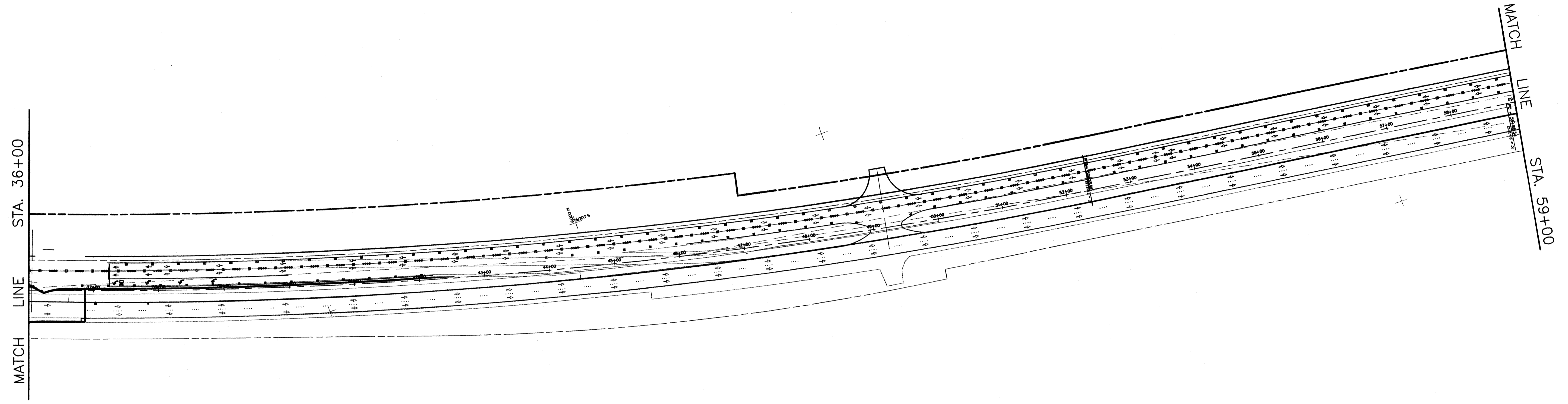
**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

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

\\Esh-1\esh\Engineering\Projects\1994\94-056 Haleakala Hwy\PHASE 2\WORKING\FOLDER\Phasing Plans\Phase 2G.dwg Sta. Jun 23 2005 - 1:09pm

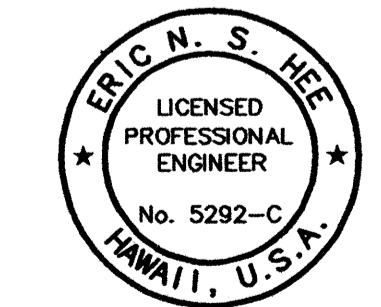
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	197	288



PHASING NOTES

1. REMOVE AC ROAD IN MEDIAN BETWEEN HORTH FIREBREAK ROAD AND STA. 47+00.
2. REMOVE EXISTING AC AT NORTH SIDE OF OUTBOUND SHOULDER AND COMPLETE CONSTRUCTION OF MEDIAN.

PHASE 3A
SCALE: 1"=80'



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ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 3

**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

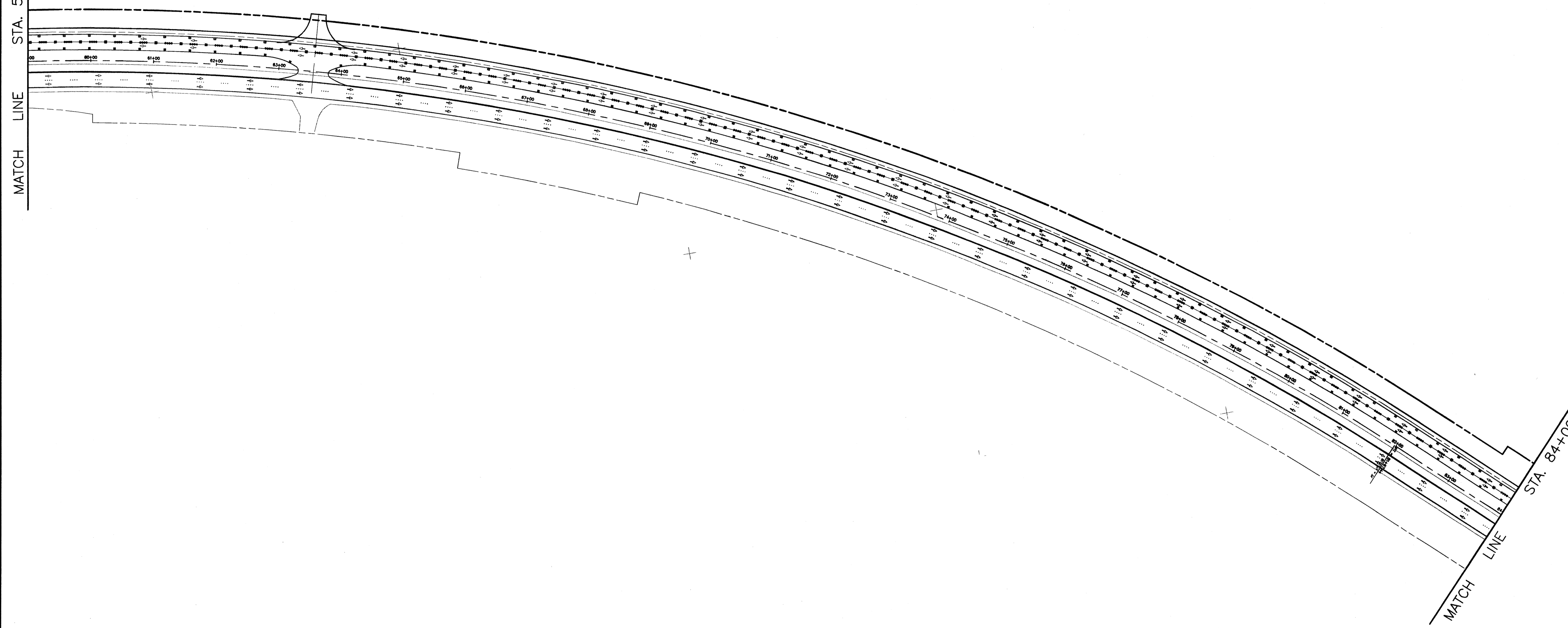
SHEET No. 16 OF 29 SHEETS

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

\\ep-1\esh\Engineering\Projects\1994\04-056 Haleakala Hwy\PHASE 2\WORKING\FOLDER\Phasing Plans\ACAD.dwg, Model, 9/30/2005 3:35:33 PM

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	198	288

MATCH LINE STA. 59+00



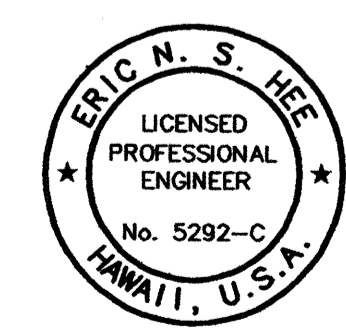
PHASING NOTES

1. REMOVE EXISTING AC AT NORTH SIDE OF OUTBOUND SHOULDER AND COMPLETE CONSTRUCTION OF MEDIAN.

PHASE 3B
SCALE: 1"=80'

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

\\leah-1\enr\Engineering\Projects\1994\04-056 Haleakala Hwy\PHASE 2\WORKING\PHASE 2\PHASE 3B.dwg Sat Jun 25 2005 - 1:58pm



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Eric N. S. Hee
ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 3

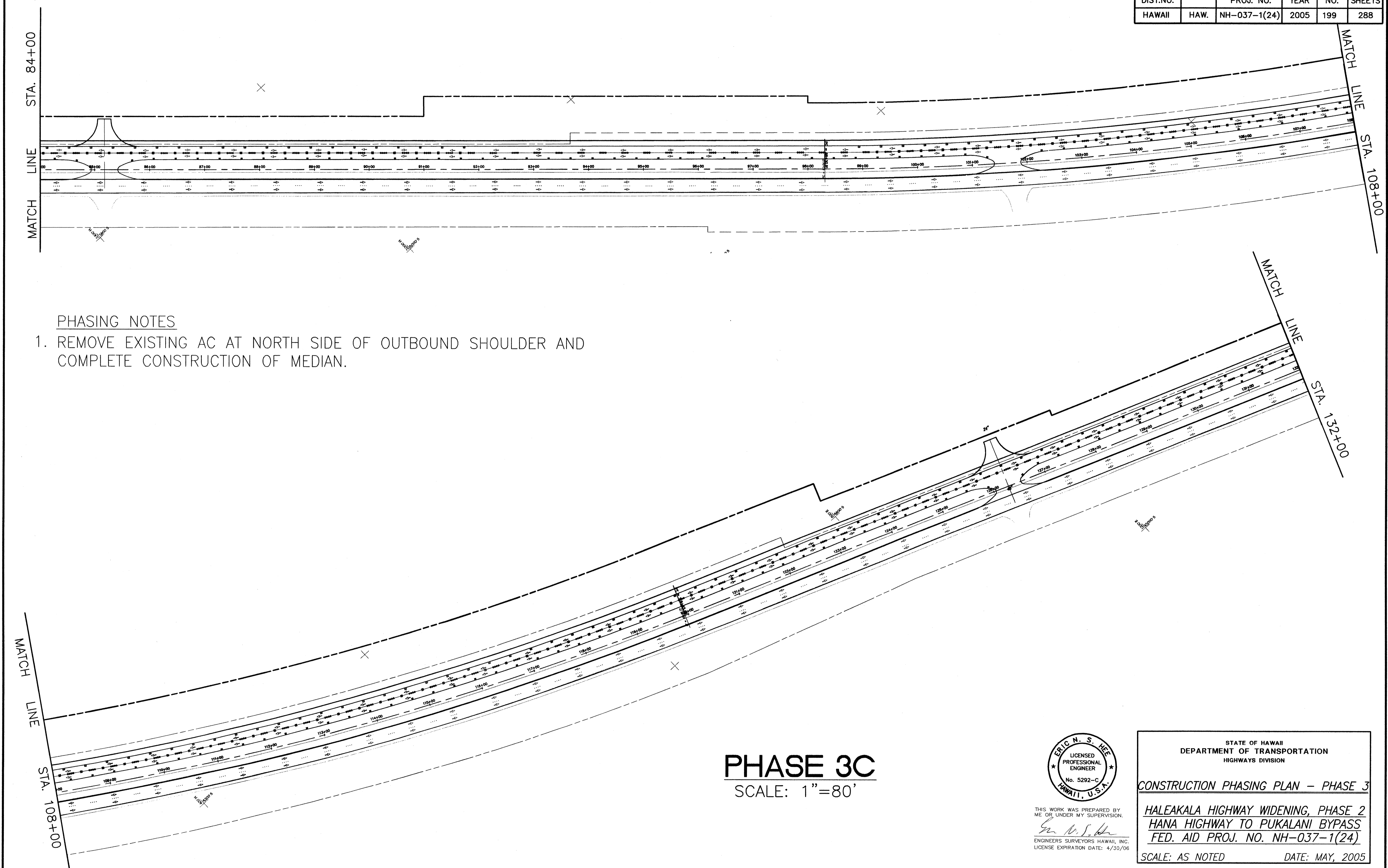
**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 17 OF 29 SHEETS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	199	288

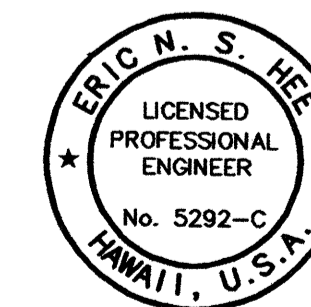


PHASING NOTES

1. REMOVE EXISTING AC AT NORTH SIDE OF OUTBOUND SHOULDER AND COMPLETE CONSTRUCTION OF MEDIAN.

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

PHASE 3C
SCALE: 1"=80'



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ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 3

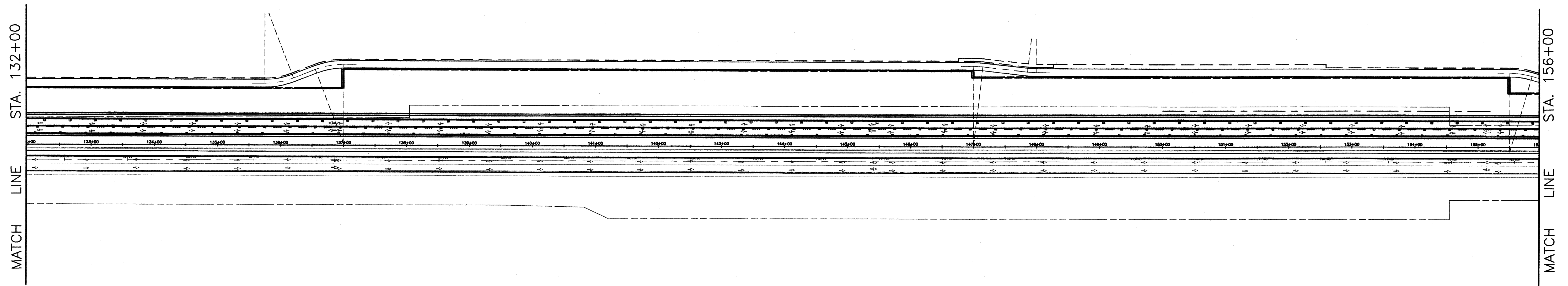
**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 18 OF 29 SHEETS

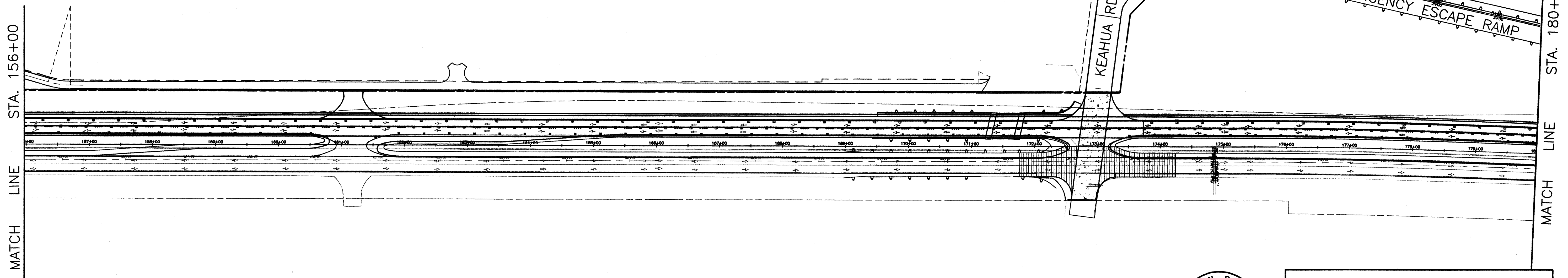
csh-1 (esh) Engineering Projects 1994-04-056 Haleakala Hwy PHASE 2 WORKING FOLDER Phasing plans scanned to ACAD.dwg, Model, 9/30/2005 3:56:03 PM,

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	200	288



PHASING NOTES

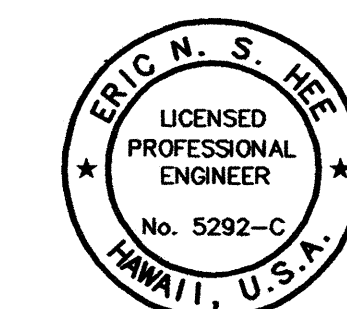
1. REMOVE EXISTING AC AT NORTH SIDE OF OUTBOUND SHOULDER AND COMPLETE CONSTRUCTION OF MEDIAN.



PHASE 3D
SCALE: 1"=80'

ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
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No.	

\\ep-1\enr\Engineering\Projects\1994\194-056 Haleakala Hwy\PHASE 2\WORKING\FOLDER\Phasing Plans\scanned to ACAD.dwg, Model, 9/30/2005 3:57:01 PM



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ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

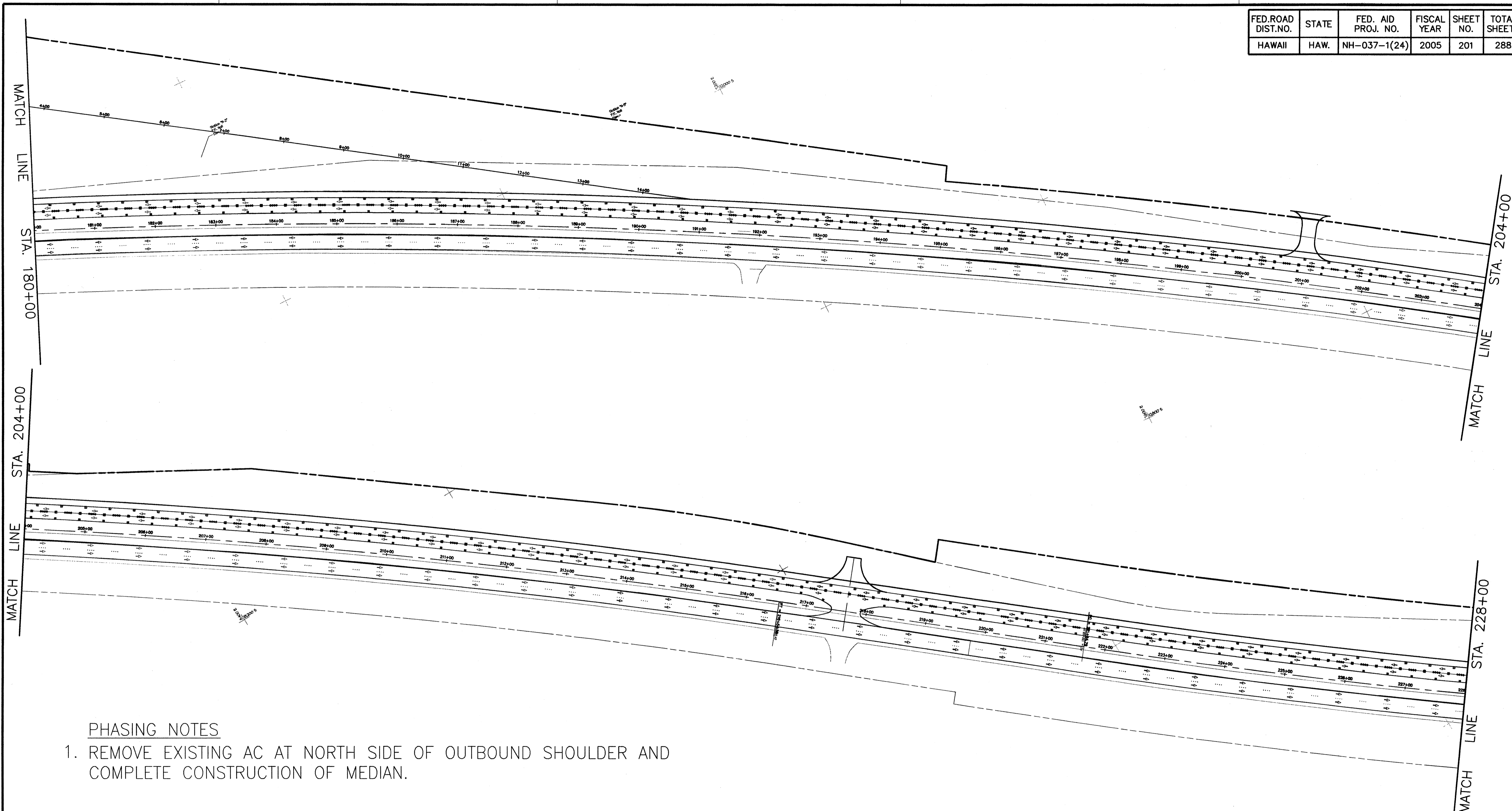
CONSTRUCTION PHASING PLAN - PHASE 3

**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 19 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	201	288



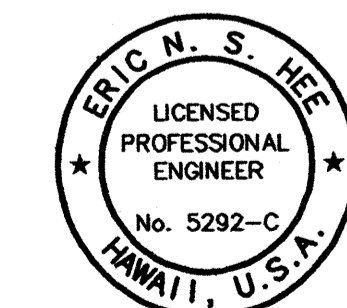
PHASING NOTES

1. REMOVE EXISTING AC AT NORTH SIDE OF OUTBOUND SHOULDER AND COMPLETE CONSTRUCTION OF MEDIAN.

PHASE 3E
SCALE: 1"=80'

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

1:\es-1\esh\Engineering\Projects\1994\04-056 Haleakala Hwy\Phase 2\WORKING\2005\PHASING\Phase3E.dwg Sat, Jun 25 2005 - 1:56pm



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ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

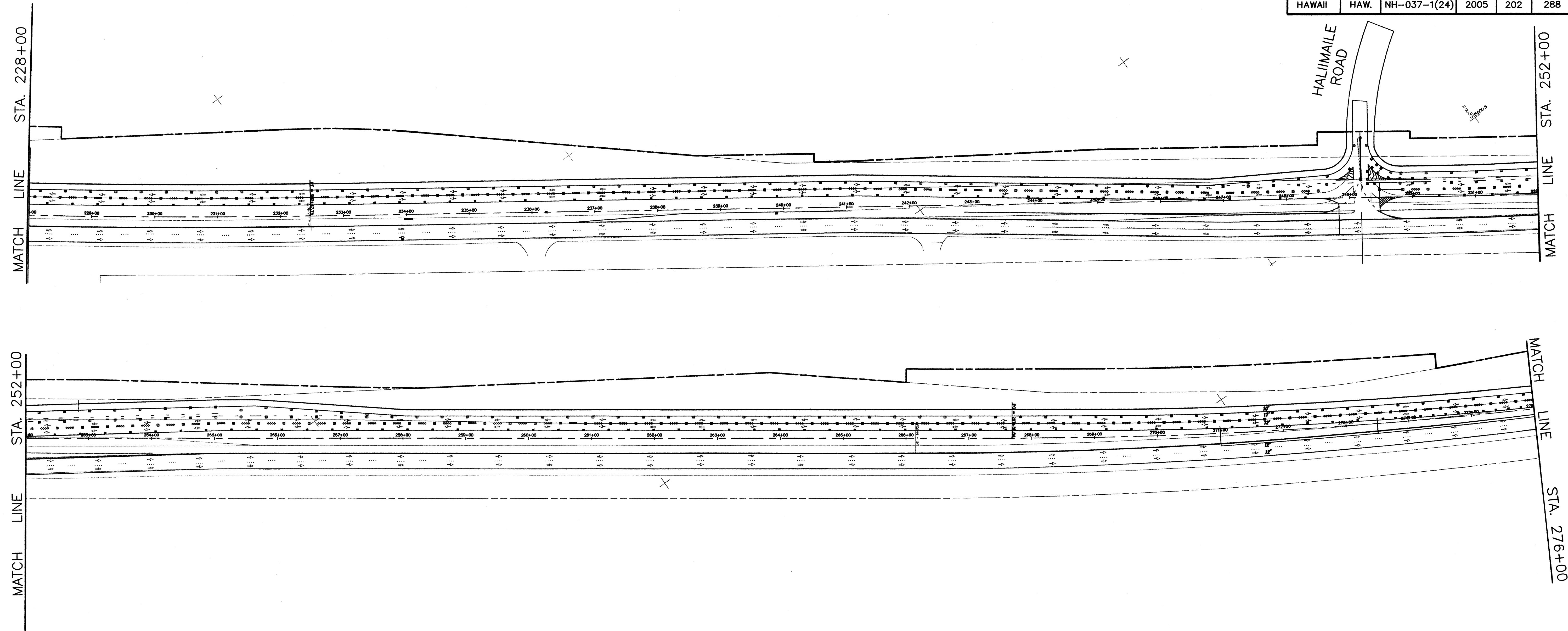
CONSTRUCTION PHASING PLAN - PHASE 3

**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 20 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	202	288



PHASING NOTES

1. REMOVE EXISTING AC AT NORTH SIDE OF OUTBOUND SHOULDER AND COMPLETE CONSTRUCTION OF MEDIAN.

PHASE 3F
SCALE: 1"=80'

ORIGINAL PLAN	DATE
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

I:\Eh-1\enr\Engineering\Projects\1994\04-056 Haleakala Hwy\PHASE 2\WORKING\PHASE 2\WORKING\PHASE 2\PHASING\PHASING.dwg Sat, Jun 25 2005 - 1:43pm



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Eric N. S. Hee
 ENGINEERS SURVEYORS HAWAII, INC.
 LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

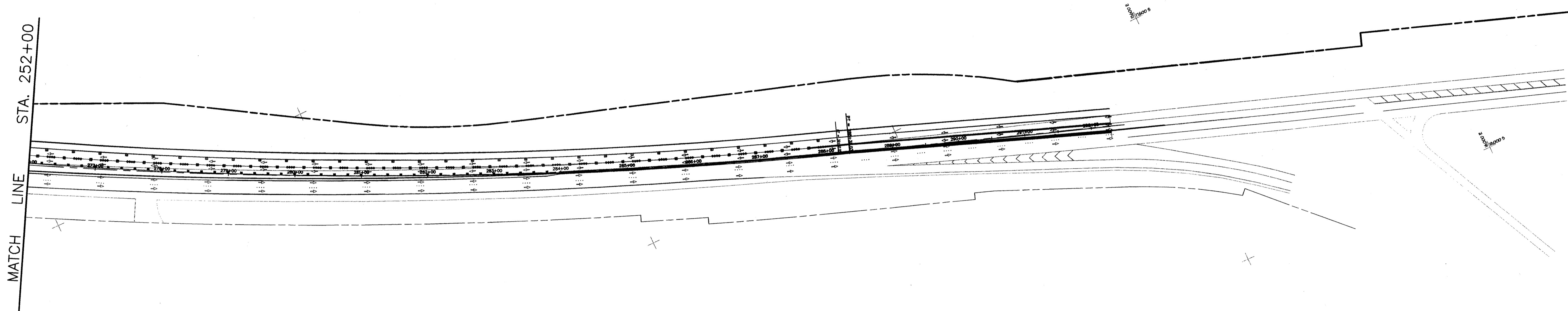
CONSTRUCTION PHASING PLAN - PHASE 3

**HALEAKALA HIGHWAY WIDENING, PHASE 2
 HANA HIGHWAY TO PUKALANI BYPASS
 FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 21 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	203	288



PHASING NOTES

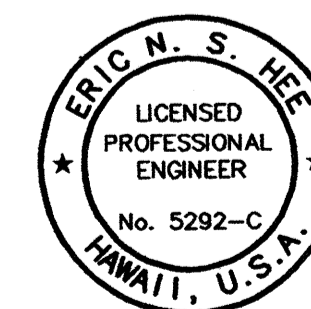
1. REMOVE EXISTING AC AT NORTH SIDE OF OUTBOUND SHOULDER AND COMPLETE CONSTRUCTION OF MEDIAN.

PHASE 3G

SCALE: 1"=80'

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

\\Len-1\esh\Engineering\Projects\1994\94-056 Haleakala Hwy\PHASE 3\WORKING\FOLDER\Phasing plans scanned to ACAD.dwg, Model, 9/30/2005 3:59:53 PM
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ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

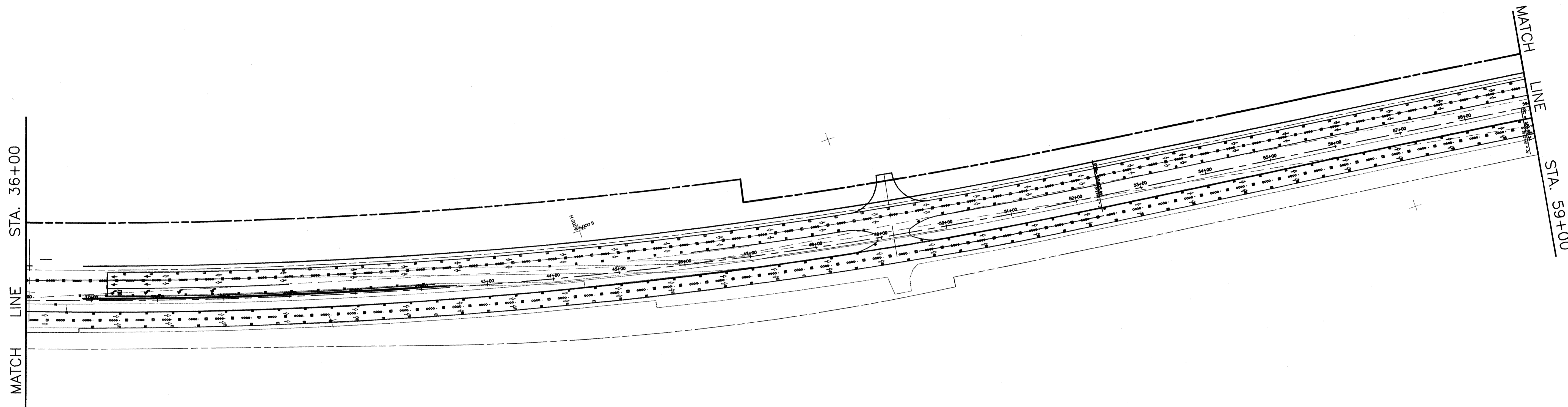
CONSTRUCTION PHASING PLAN - PHASE 3

**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 22 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2008	204	288



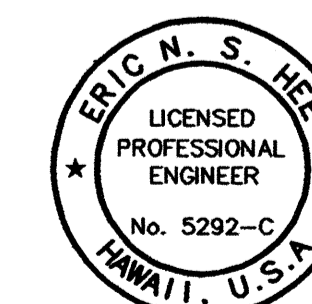
PHASING NOTES

1. INSTALL FINAL STRIPING AND SIGNAGE TO FINAL CONDITION. REMOVE ALL TEMPORARY WORK.

PHASE 4A
SCALE: 1"=80'

ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
No.	

\\Esh-1\esh\Engineering\Projects\1994\04-056 Haleakala Hwy\Phase 2\WORKING\OLDER\Construction\Phasing-2.dwg Sat, Jun 25 2005 - 1:52pm



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ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 4

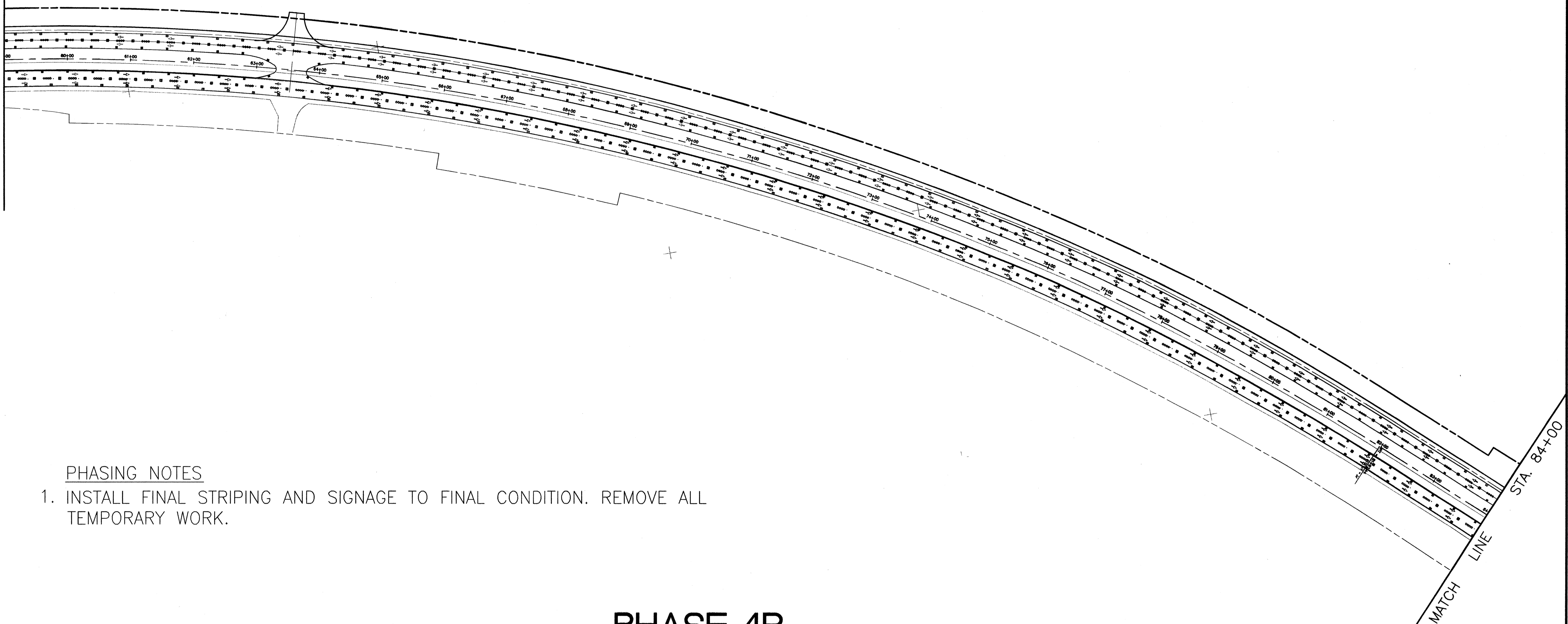
**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 23 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	205	288

MATCH LINE STA. 59+00



PHASING NOTES

1. INSTALL FINAL STRIPING AND SIGNAGE TO FINAL CONDITION. REMOVE ALL TEMPORARY WORK.

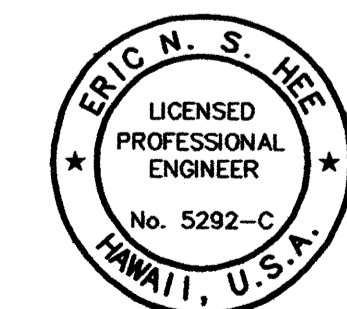
PHASE 4B

SCALE: 1"=80'

MATCH LINE STA. 84+00

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
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NOTE BOOK	
QUANTITIES BY	
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Eric N. S. HEE
 ENGINEERS SURVEYORS HAWAII, INC.
 LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

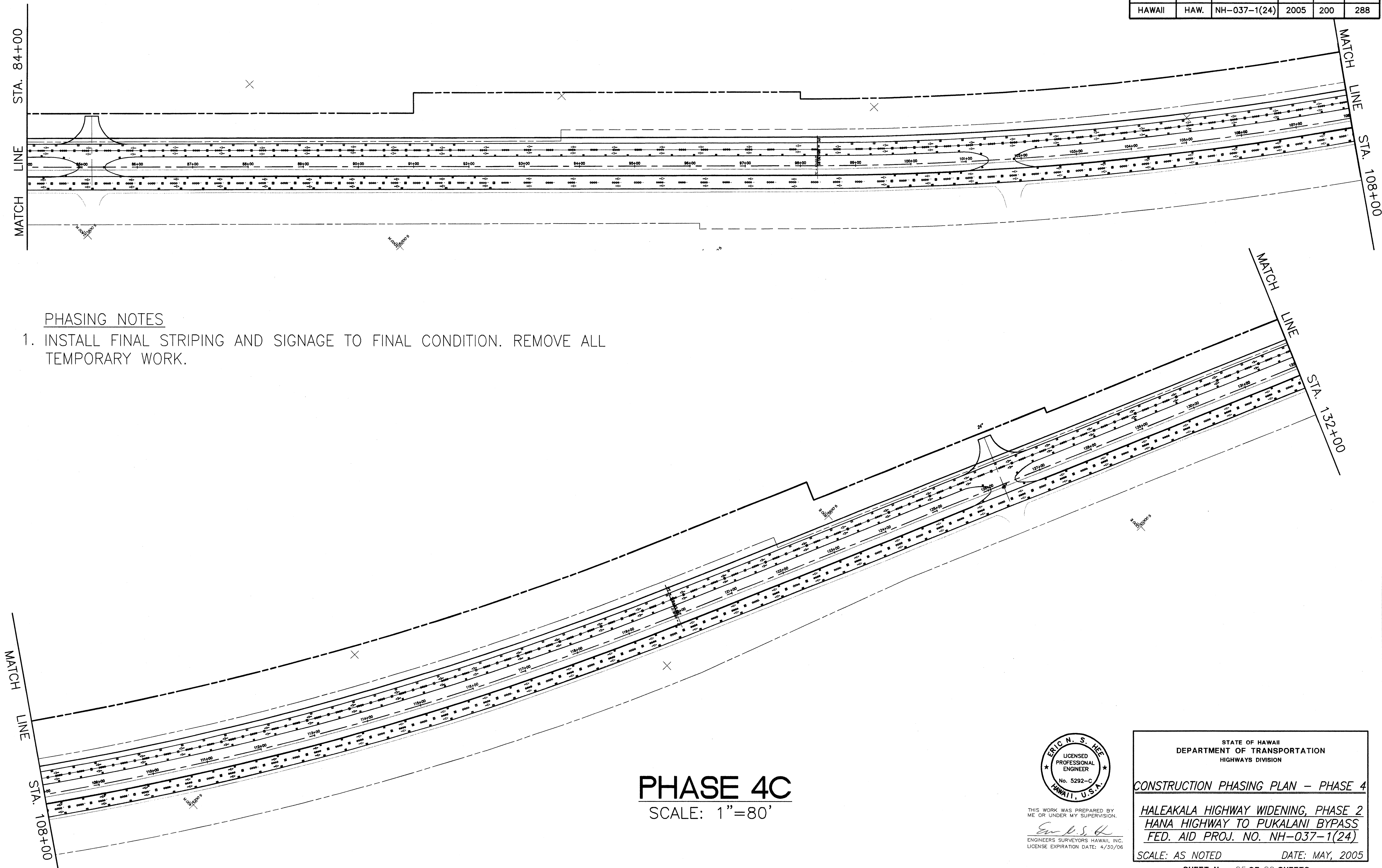
CONSTRUCTION PHASING PLAN - PHASE 4

HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 24 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	200	288



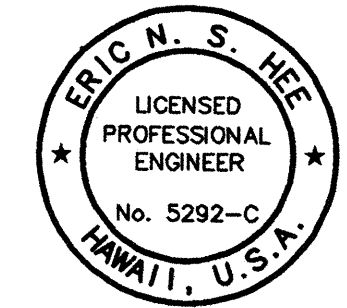
PHASING NOTES

1. INSTALL FINAL STRIPING AND SIGNAGE TO FINAL CONDITION. REMOVE ALL TEMPORARY WORK.

SURVEY PLOTTED BY	DATE
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
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 157-1.dwg

PHASE 4C
SCALE: 1"=80'



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 LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
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 HIGHWAYS DIVISION

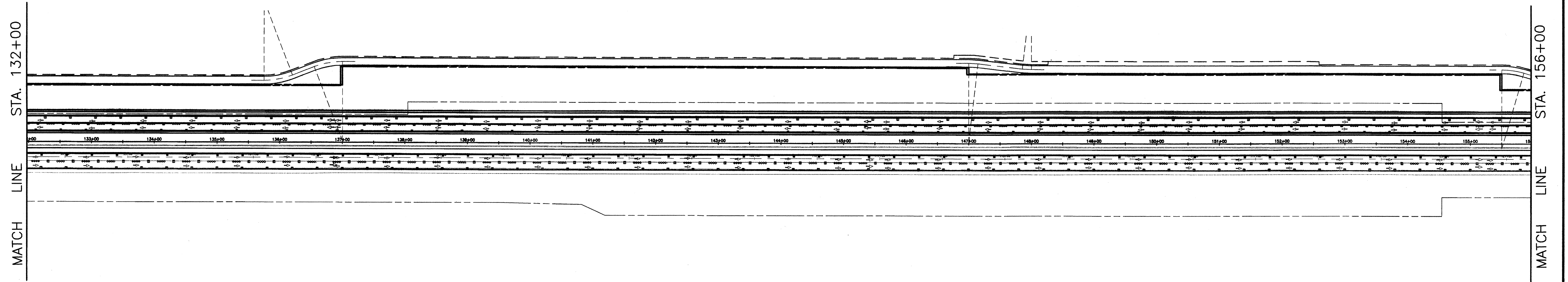
CONSTRUCTION PHASING PLAN - PHASE 4

HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)

SCALE: AS NOTED DATE: MAY, 2005

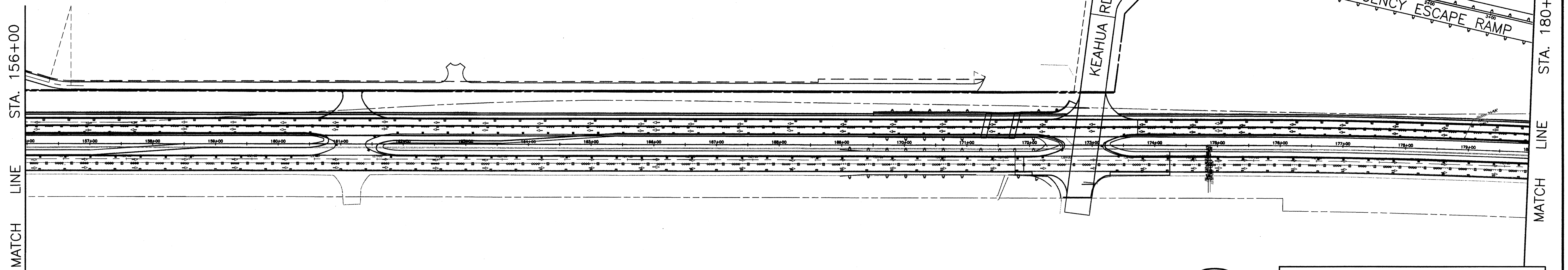
SHEET No. 25 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	207	288



PHASING NOTES

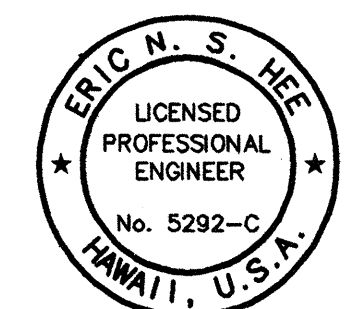
1. INSTALL FINAL STRIPING AND SIGNAGE TO FINAL CONDITION. REMOVE ALL TEMPORARY WORK.



PHASE 4D
SCALE: 1"=80'

ORIGINAL PLAN	DATE
SURVEY ECOTTED BY	
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TRACED BY	
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 HIGHWAYS DIVISION

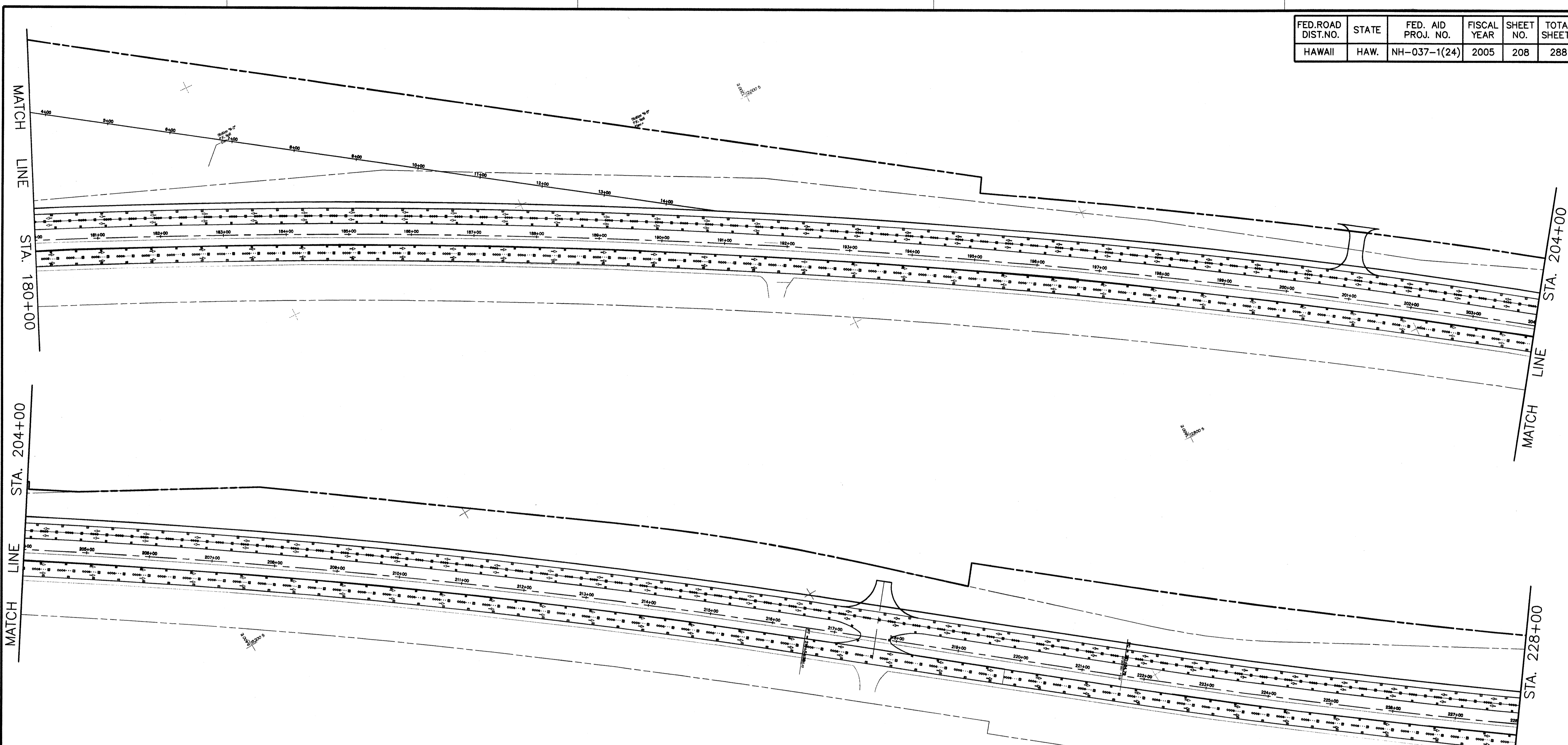
CONSTRUCTION PHASING PLAN - PHASE 4

HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 26 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	208	288



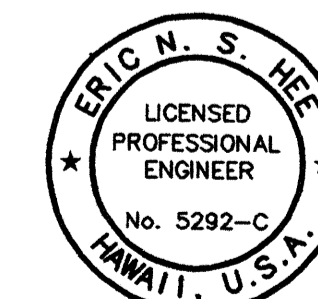
PHASING NOTES

1. INSTALL FINAL STRIPING AND SIGNAGE TO FINAL CONDITION. REMOVE ALL TEMPORARY WORK.

PHASE 4E
SCALE: 1"=80'

ORIGINAL PLAN	DATE
DESIGNED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
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 LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CONSTRUCTION PHASING PLAN - PHASE 4

HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)

SCALE: AS NOTED DATE: MAY, 2005

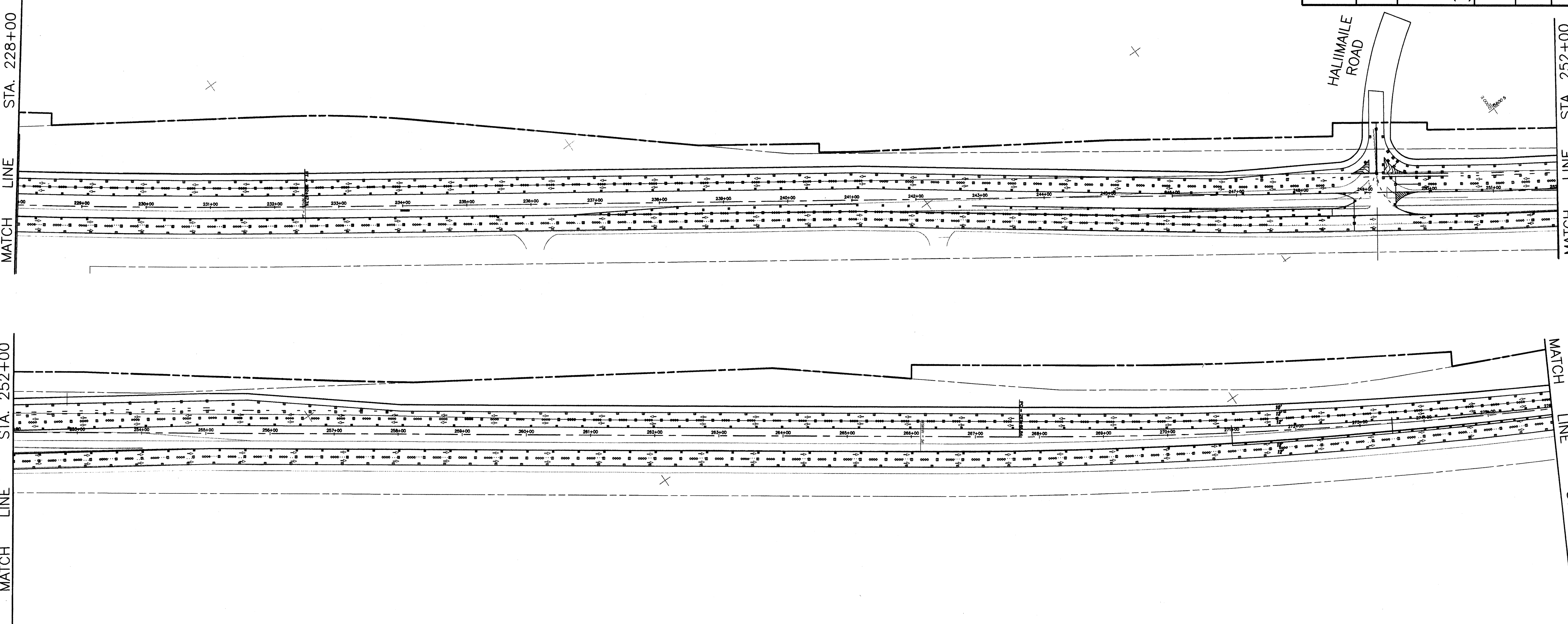
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	209	288

MATCH LINE STA. 228+00

MATCH LINE STA. 252+00

MATCH LINE STA. 252+00

MATCH LINE STA. 276+00



PHASING NOTES

1. INSTALL FINAL STRIPING AND SIGNAGE TO FINAL CONDITION. REMOVE ALL TEMPORARY WORK.

PHASE 4F
SCALE: 1"=80'

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

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ENGINEERS SURVEYORS HAWAII, INC.
LICENSE EXPIRATION DATE: 4/30/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

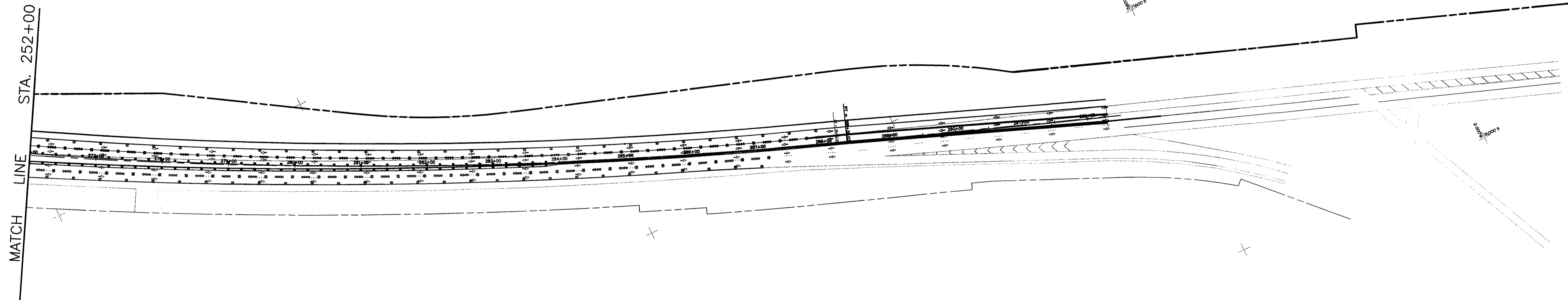
CONSTRUCTION PHASING PLAN - PHASE 4

**HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)**

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 28 OF 29 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(24)	2005	210	288



PHASING NOTES

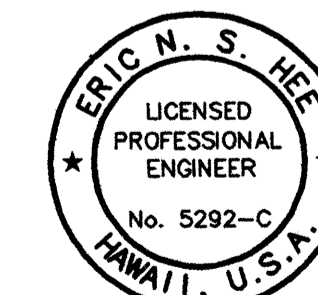
1. INSTALL FINAL STRIPING AND SIGNAGE TO FINAL CONDITION. REMOVE ALL TEMPORARY WORK.

PHASE 4G

SCALE: 1"=80'

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
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CONSTRUCTION PHASING PLAN - PHASE 4

HALEAKALA HIGHWAY WIDENING, PHASE 2
HANA HIGHWAY TO PUKALANI BYPASS
FED. AID PROJ. NO. NH-037-1(24)

SCALE: AS NOTED DATE: MAY, 2005

SHEET No. 29 OF 29 SHEETS