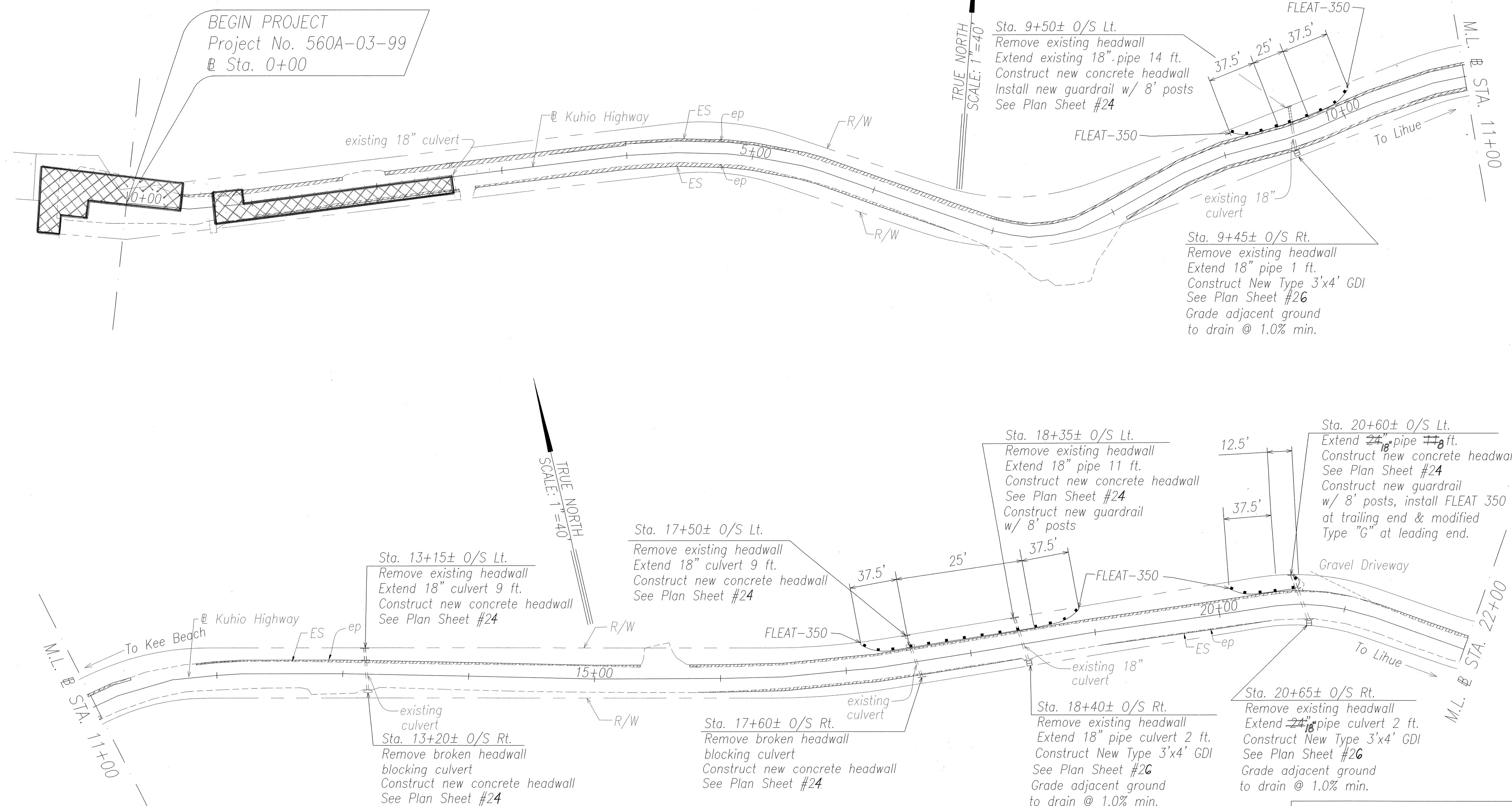
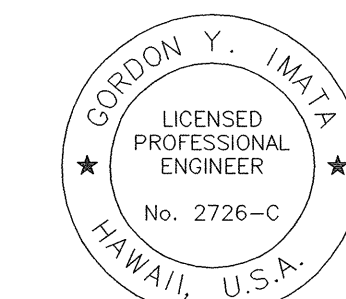


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	37	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	JAN. 2001
	DESIGNED BY	JAN. 2001
	CHECKED BY	



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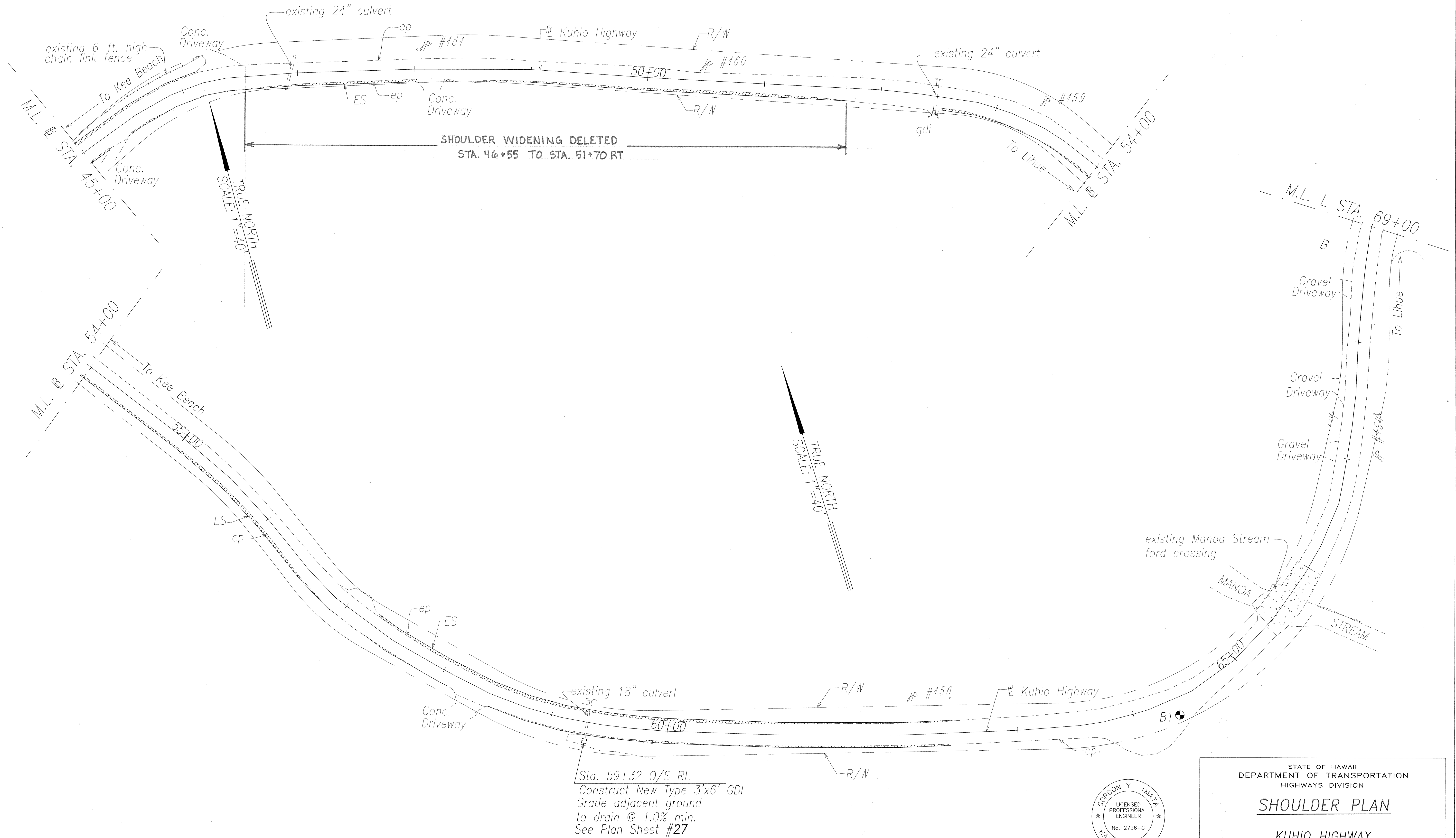
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

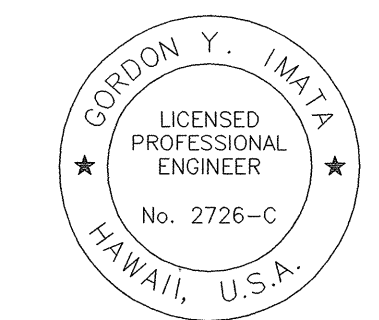
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 1 OF 24 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	39	86



SURVEY PLOTTED BY	DATE
DRAWN BY	JAN. 2001
DESIGNED BY	JAN. 2001
QUANTITIES BY	JAN. 2001
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No. 2726-C	



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Gordon Y. Imata

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

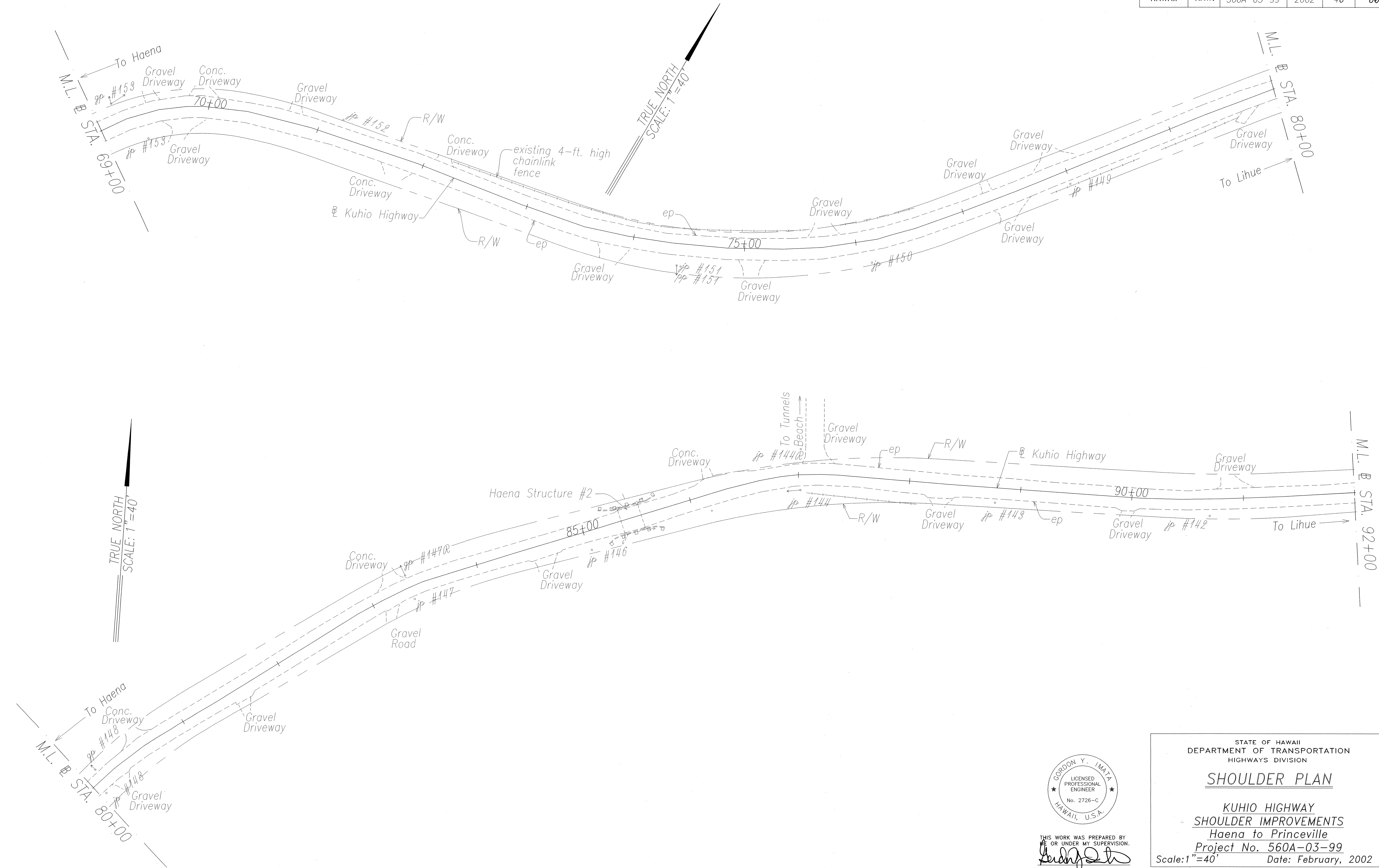
SHOULDER PLAN

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

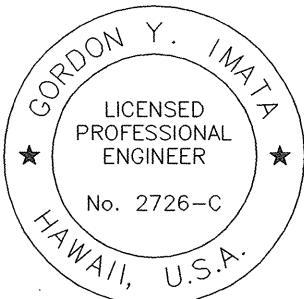
SHEET No. 3 OF 24 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	40	86



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	JAN 2001
DRAWN BY	JA
DESIGNED BY	JAN 2001
QUANTITIES BY	
CHECKED BY	
No. 2726-C	



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

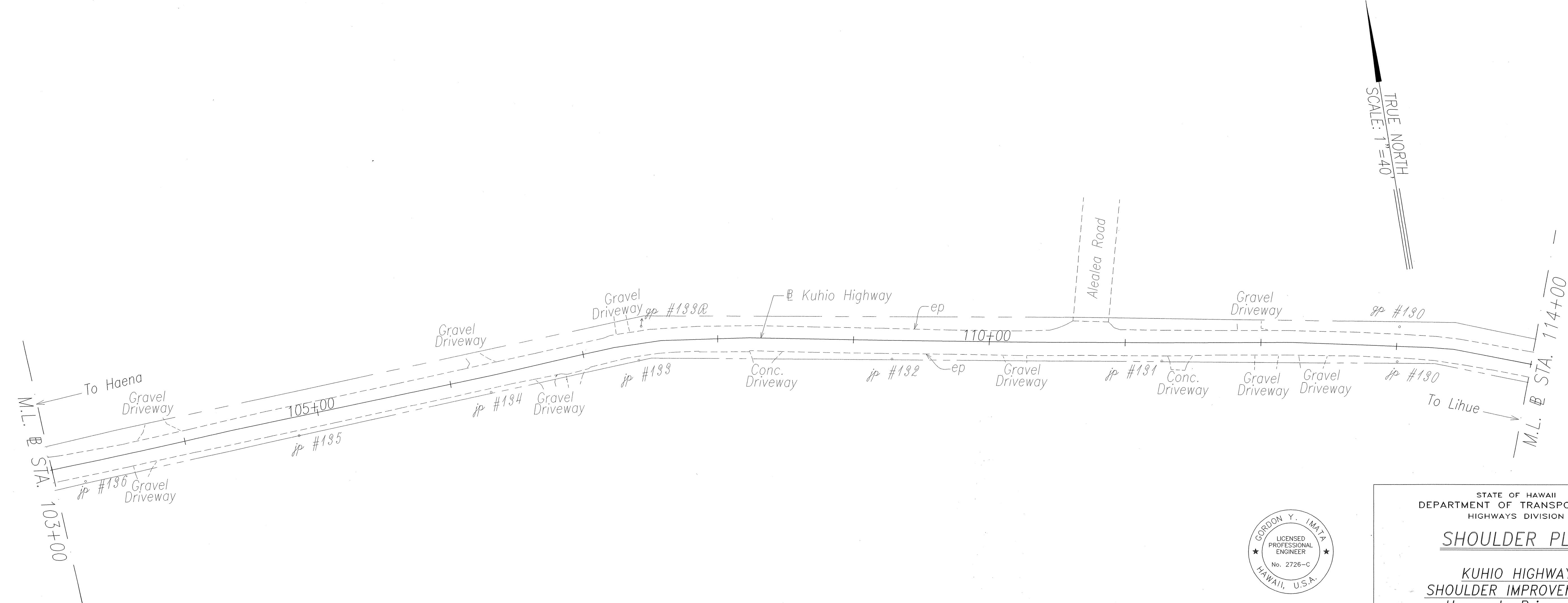
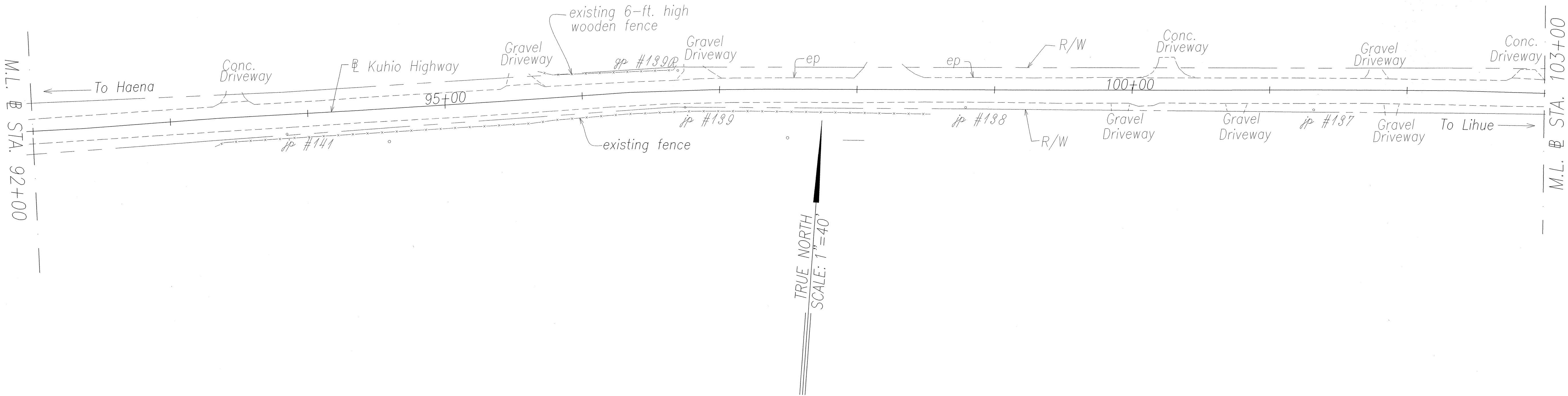
SHOULDER PLAN

**KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville**

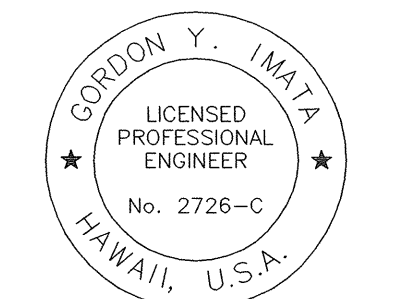
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

SHEET No. 4 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	41	86



DATE	JAN. 2001
SURVEY PLOTTED BY	JA
DESIGNED BY	JA
CHECKED BY	JA
NOTE BOOK	No. 2726-C
ORIGINAL PLAN	No. 2726-C



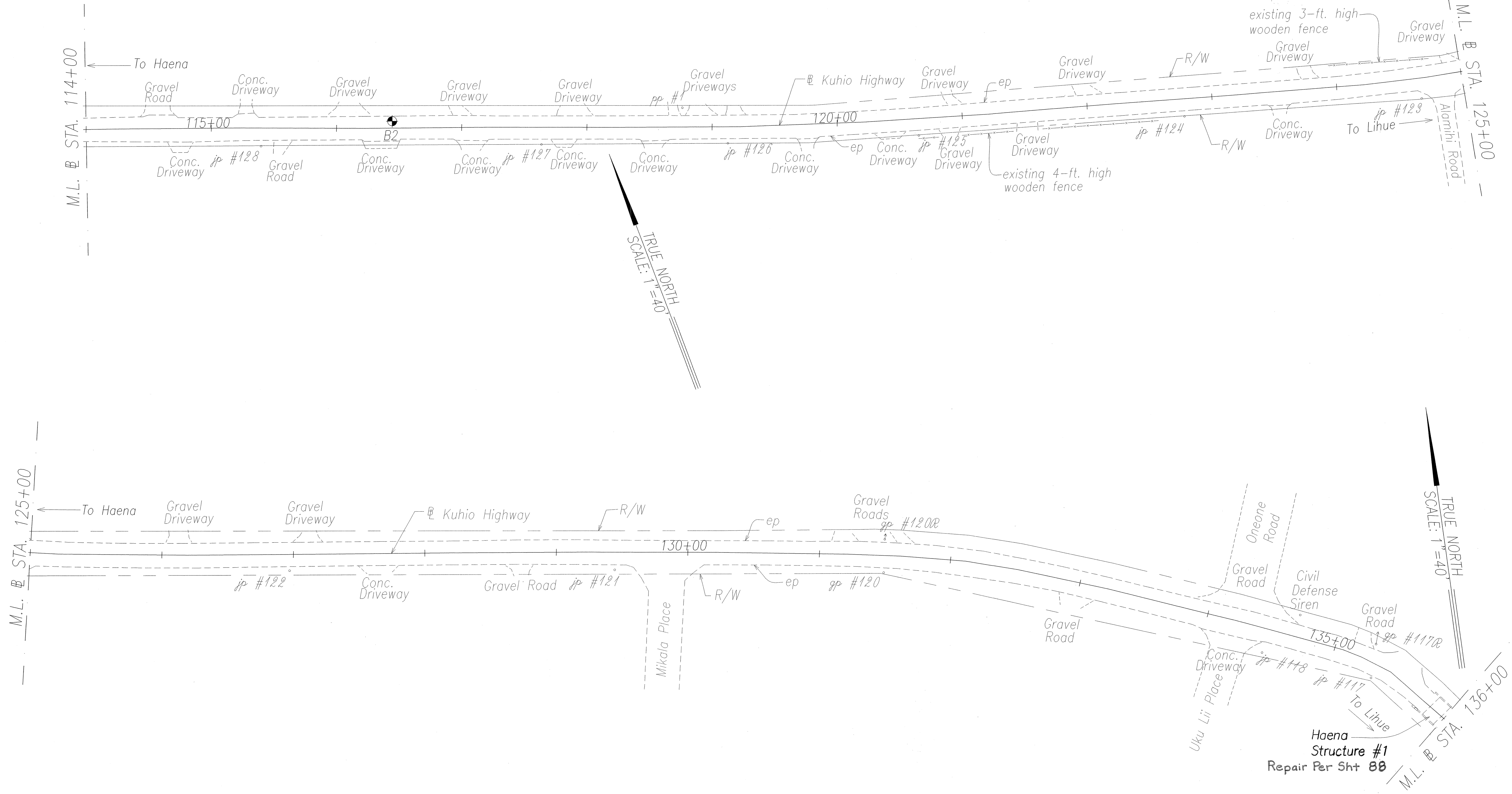
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 5 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	42	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	JAN. 2001
QUANTITIES BY	CHECKED BY	
No. 24849/01/02		

GORDON Y. IMATA
LICENSED PROFESSIONAL ENGINEER
No. 2726-C
HAWAII, U.S.A.

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

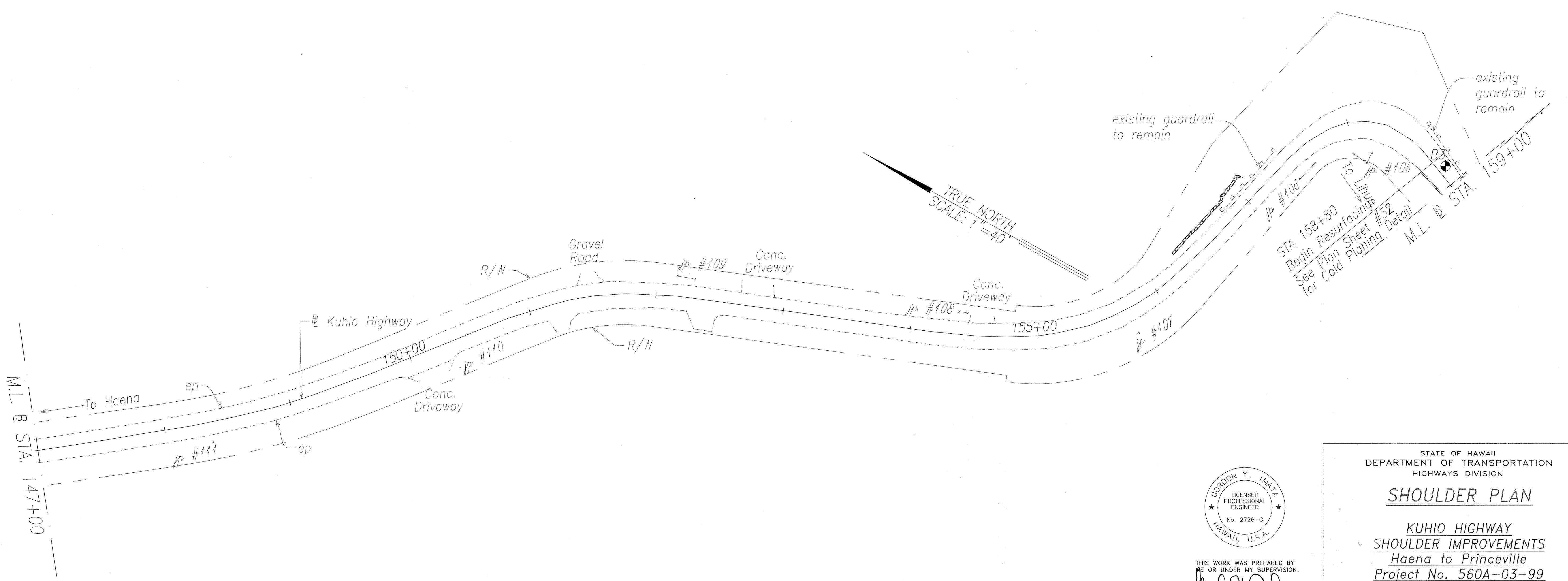
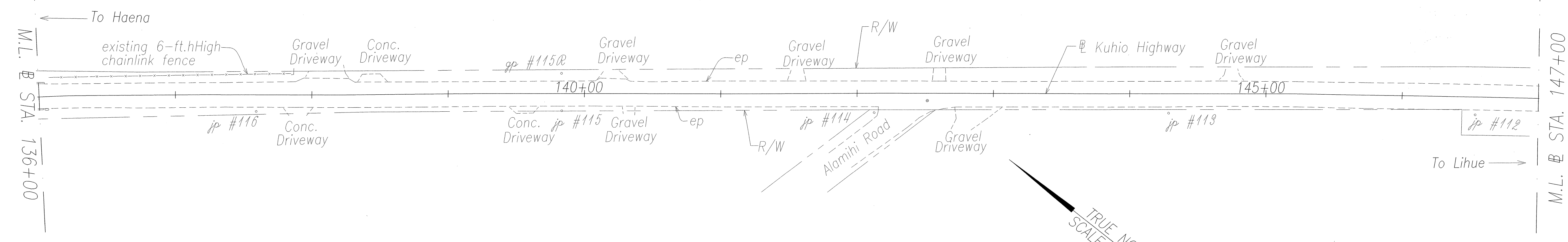
SHOULDER PLAN

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

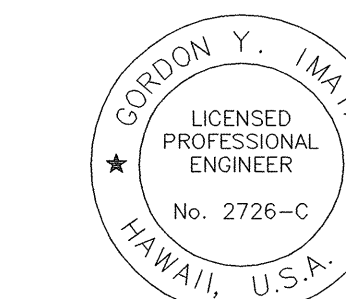
SHEET No. 6 OF 24 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	43	86



DATE	JUN 2001
DESIGNED BY	JA
TRACED BY	JA
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No. 24/860/2/99	



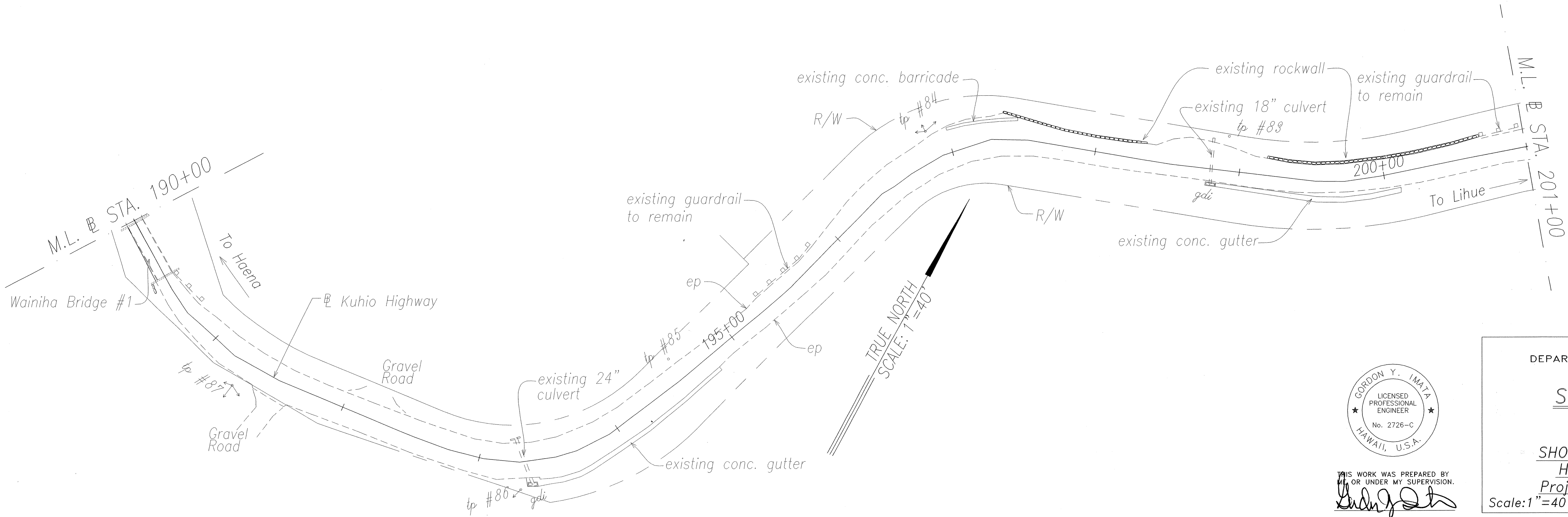
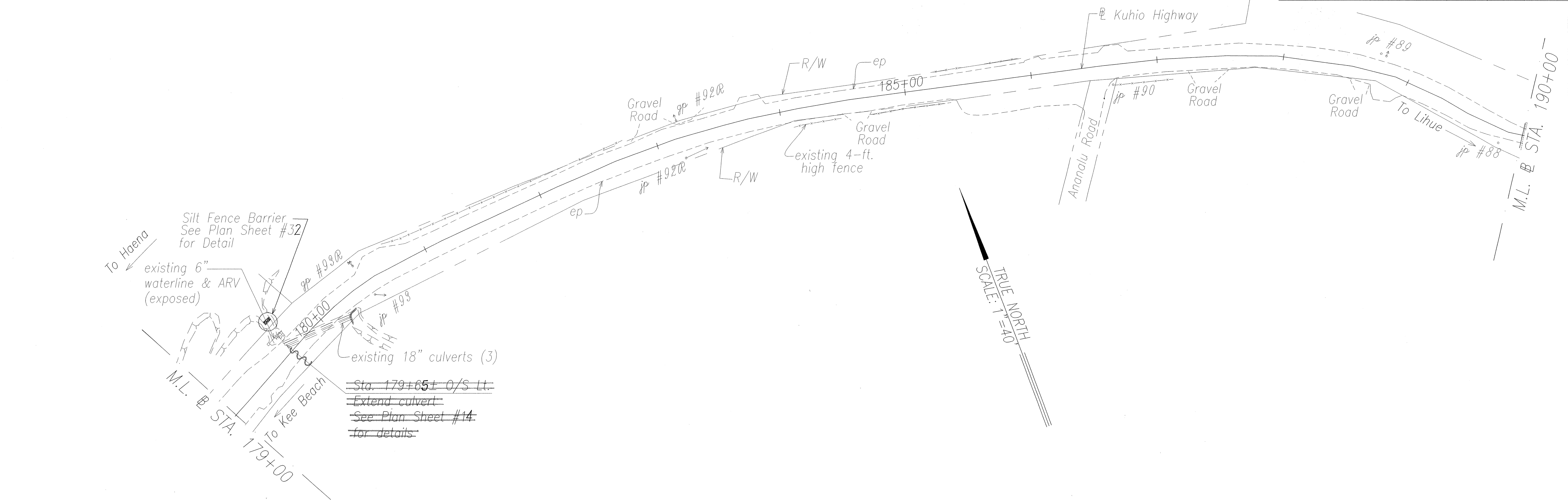
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HIGHWAYS DIVISION

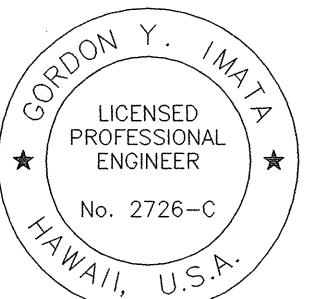
SHOULDER PLAN

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 7 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	45	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	JAN. 2001
	DESIGNED BY	JAN. 2001
	CHECKED BY	
NOTE BOOK		
CHECKED BY		
DATE		

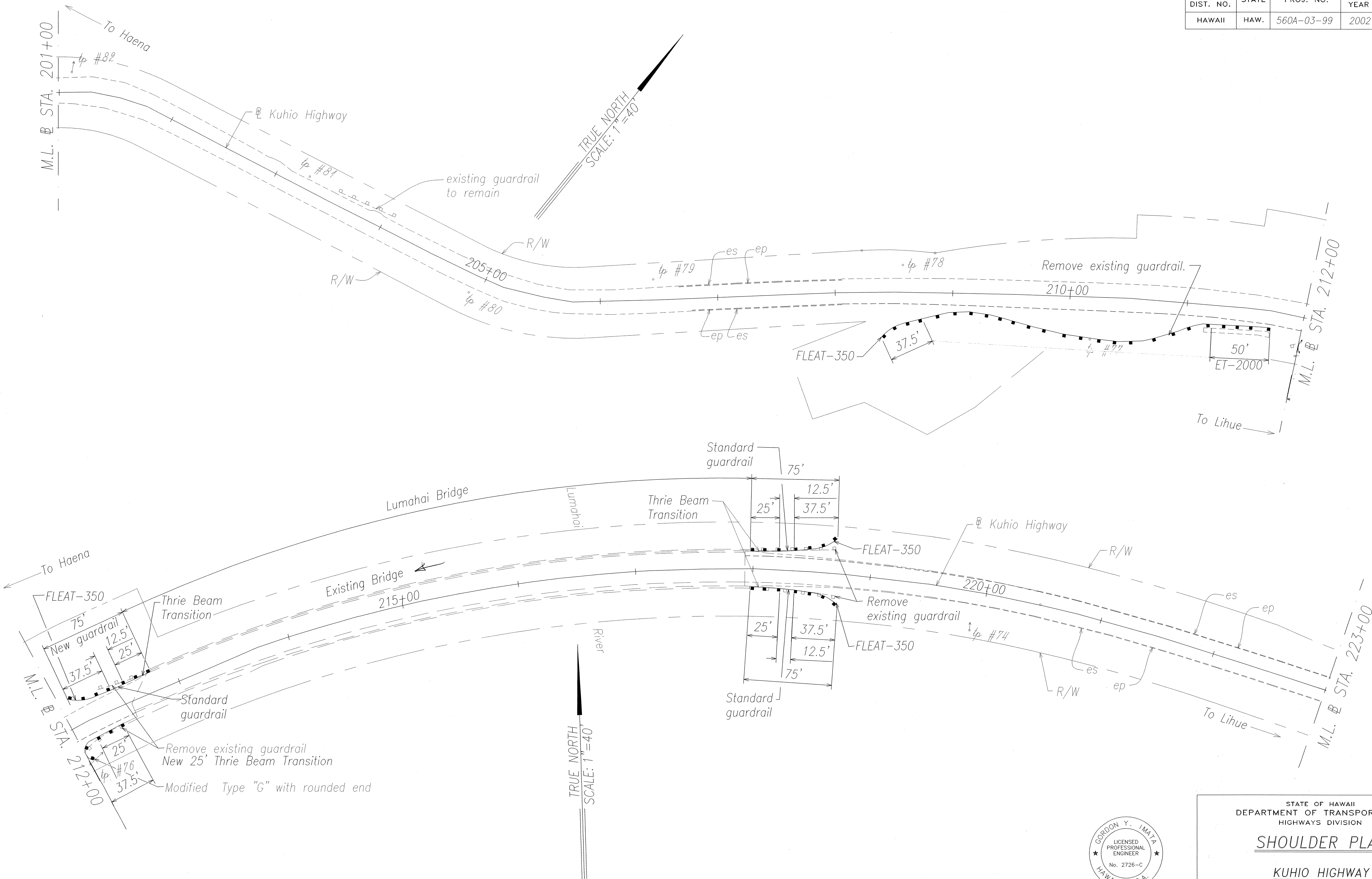


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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SHOULDER PLAN
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 9 OF 24 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	46	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	JAN. 2001
	NOTE BOOK DESIGNED BY	JAN. 2001
	QUANTITIES BY	
	CHECKED BY	

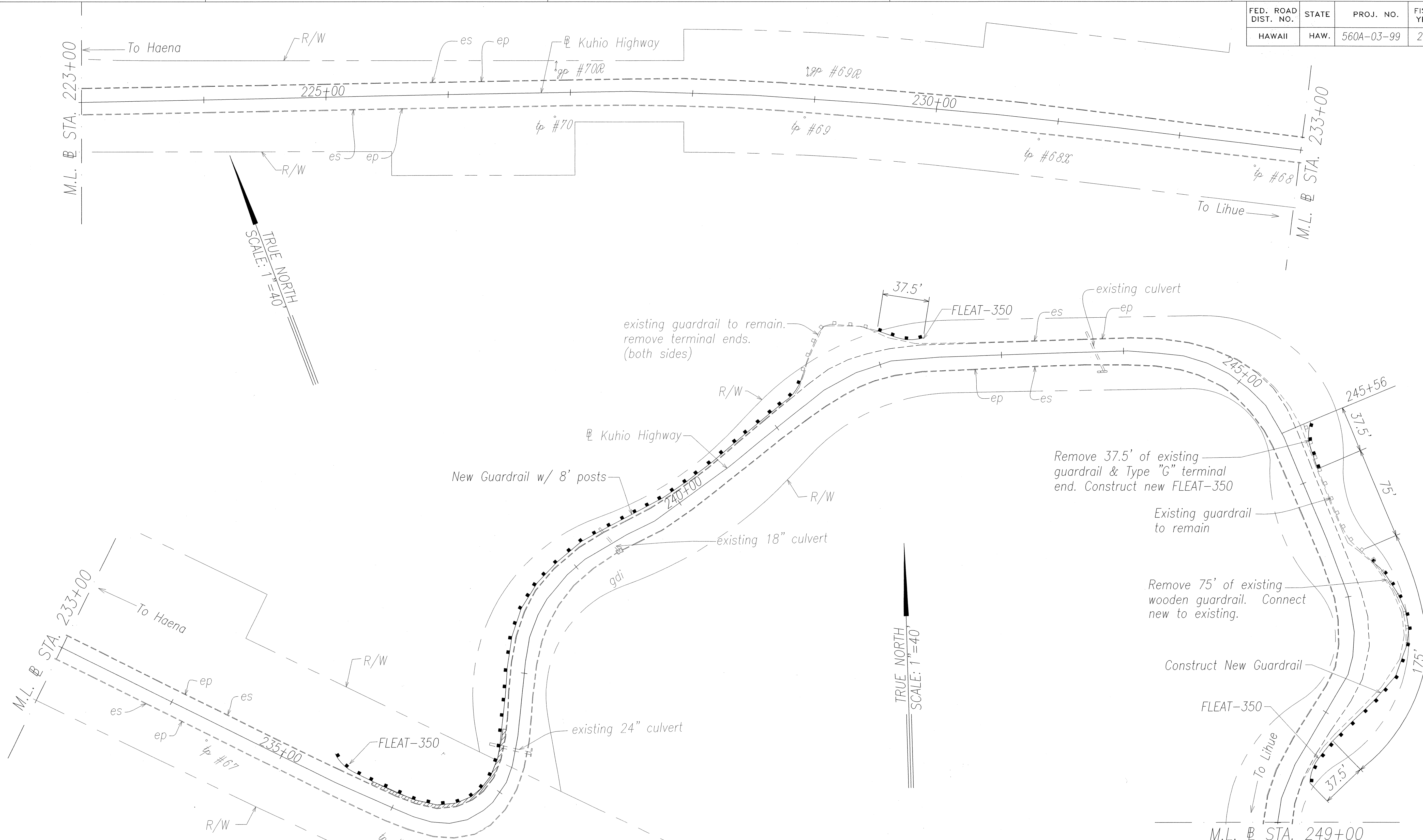
GORDON Y. IMATA
 LICENSED PROFESSIONAL ENGINEER
 No. 2726-C
 HAWAII, U.S.A.
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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

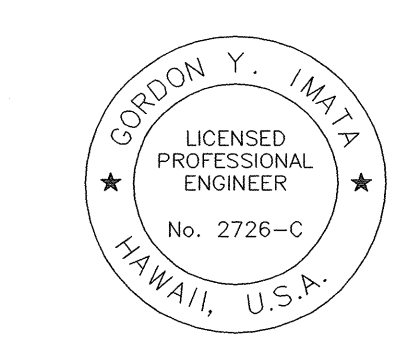
SHOULDER PLAN

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 10 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	47	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	JAN. 2001
DESIGNED BY	TRACED BY	JAN. 2001
QUANTITIES BY	CHECKED BY	
Checked by: J. L. L.		



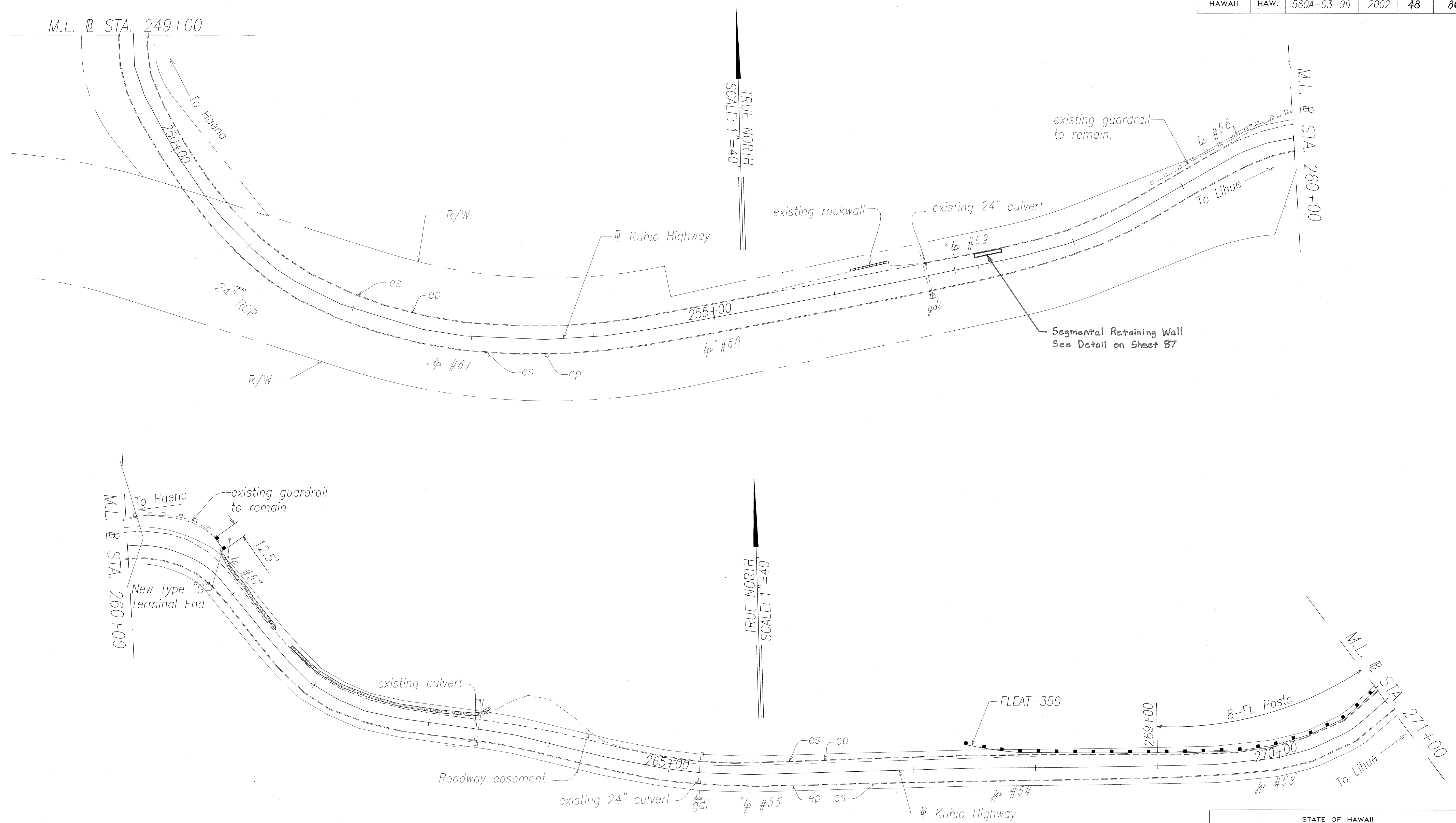
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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

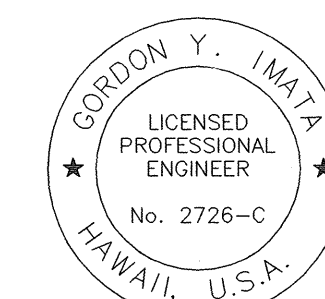
SHOULDER PLAN

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 11 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	48	86



DATE	JAN. 2001
DRAWN BY	JA
DESIGNED BY	JA
CHECKED BY	JA
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No. of sheets	12 of 24



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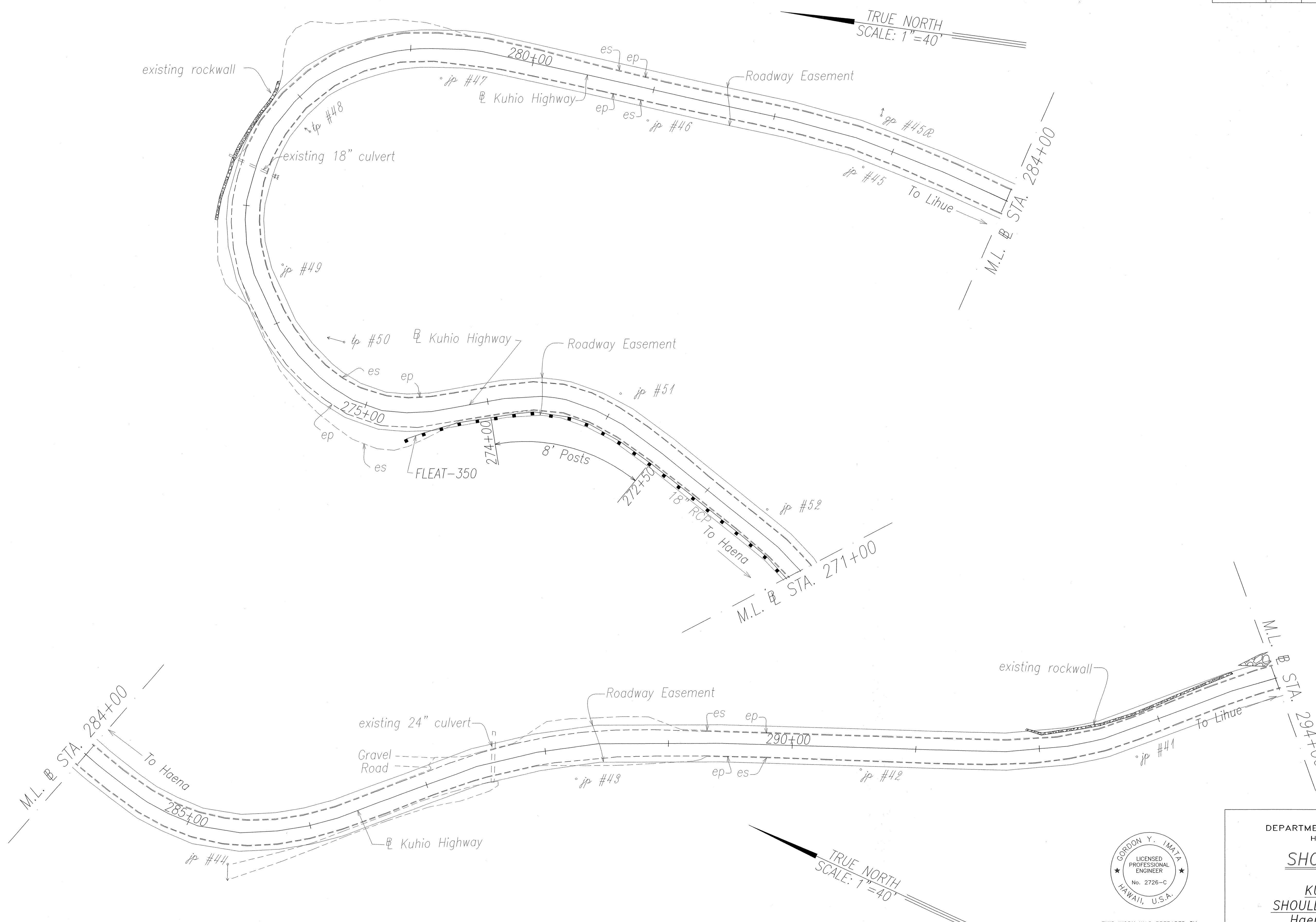
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

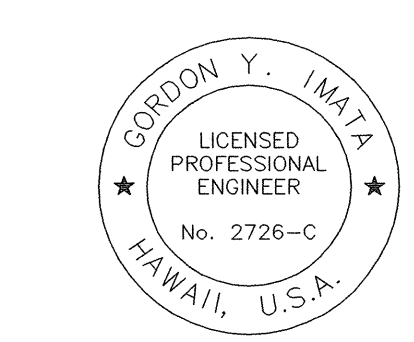
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 12 OF 24 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	49	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	JAN. 2001
	DESIGNED BY	JAN. 2001
	CHECKED BY	
NOTE BOOK	QUANTITIES BY	
No. 24/10/99/13/01	CHECKED BY	



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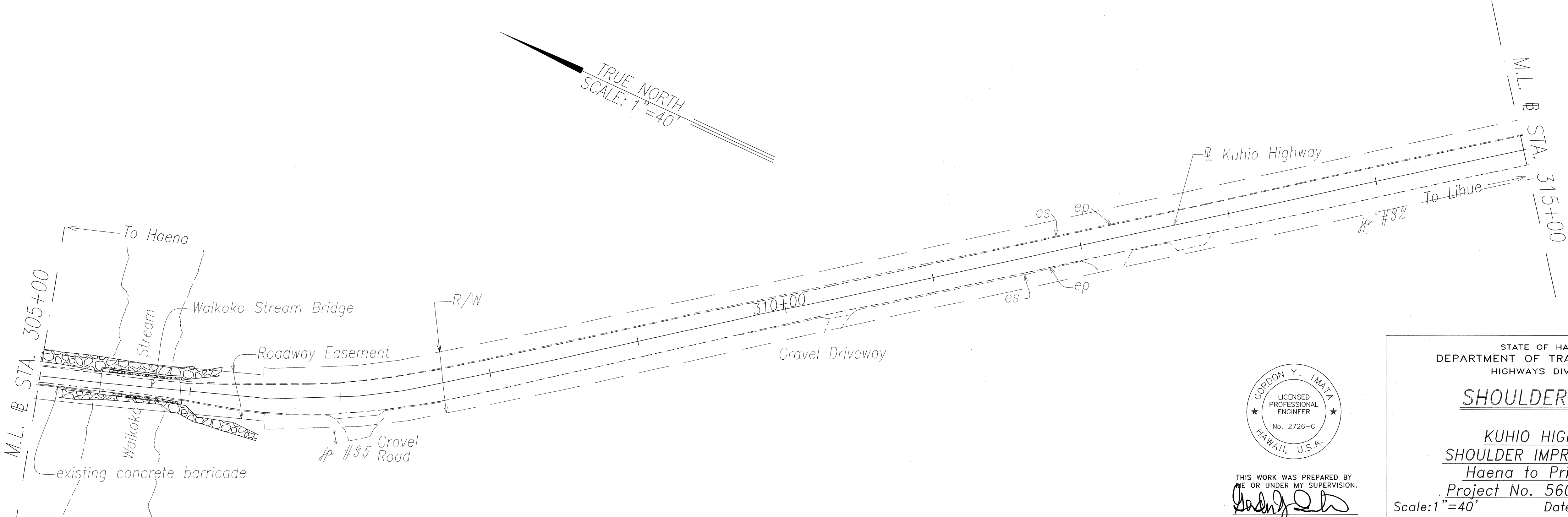
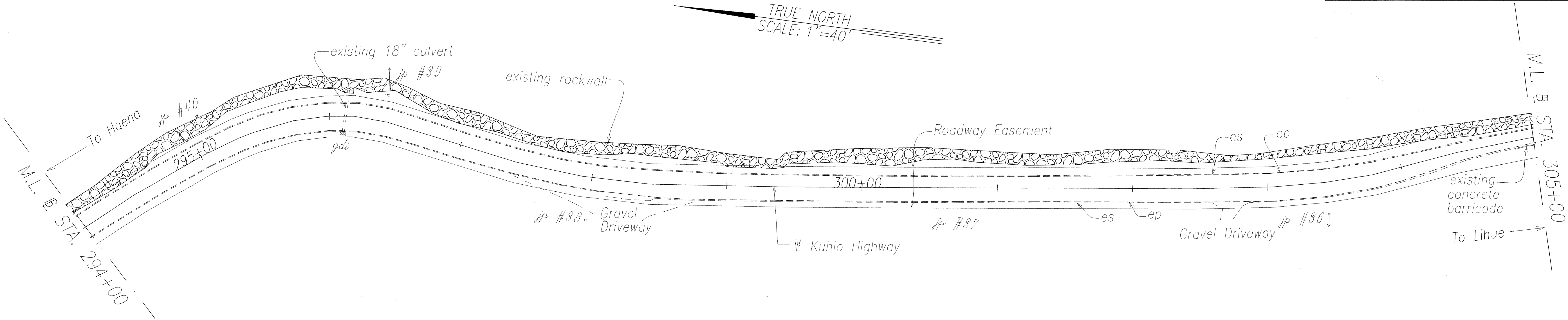
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

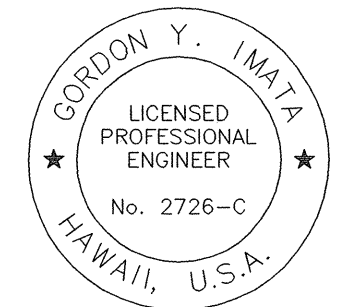
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

SHEET No. 13 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	50	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	JAN. 2001
DESIGNED BY	TRACED BY	JAN. 2001
QUANTITIES BY	CHECKED BY	
Checked by		



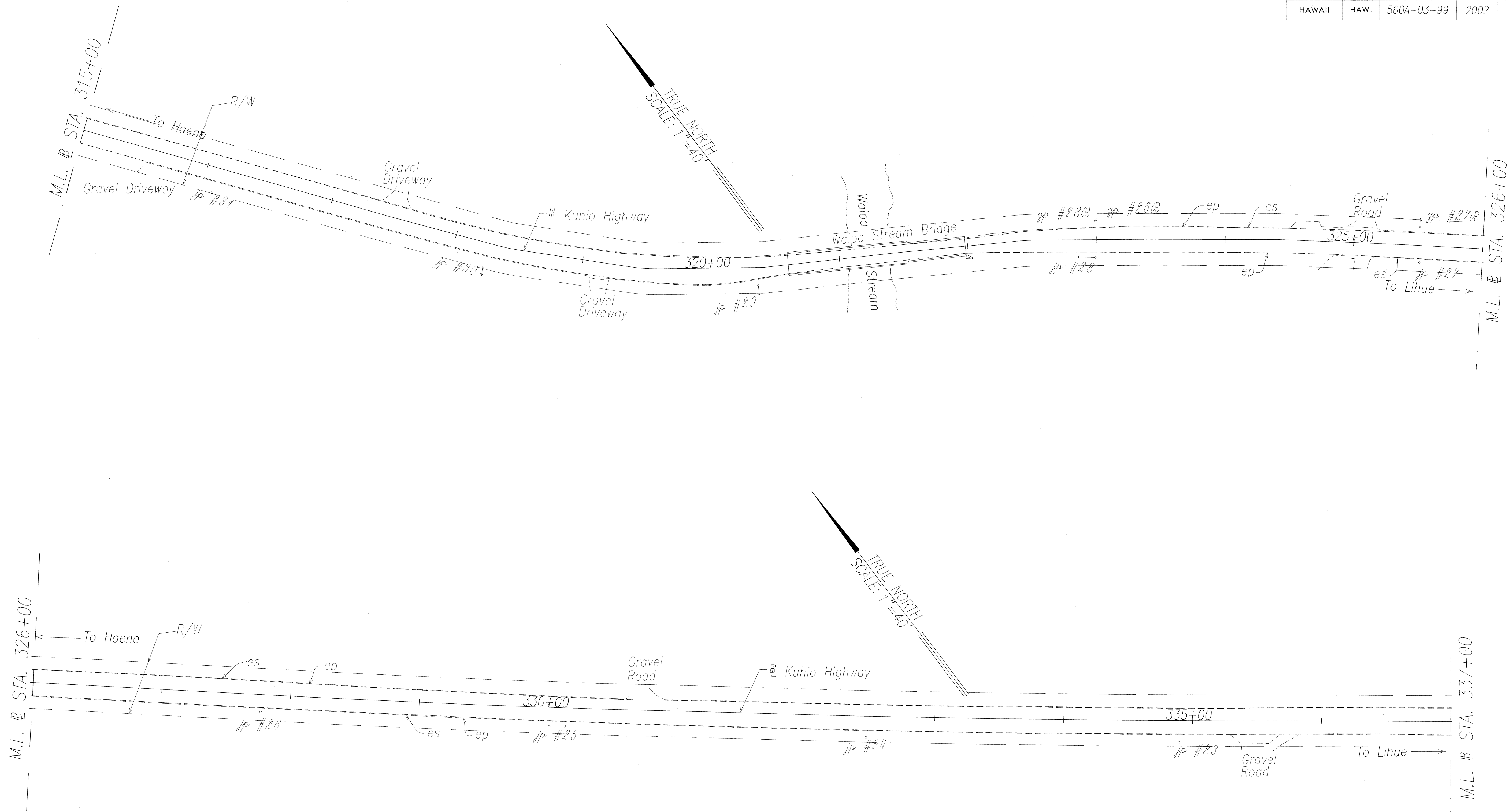
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Gordon Y. Imata

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

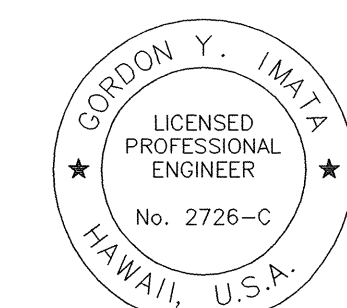
SHOULDER PLAN

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 14 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	51	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	JAN. 2001
	DESIGNED BY	JAN. 2001
	CHECKED BY	
NOTE BOOK	QUANTITIES BY	
No. 15 of 24		



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

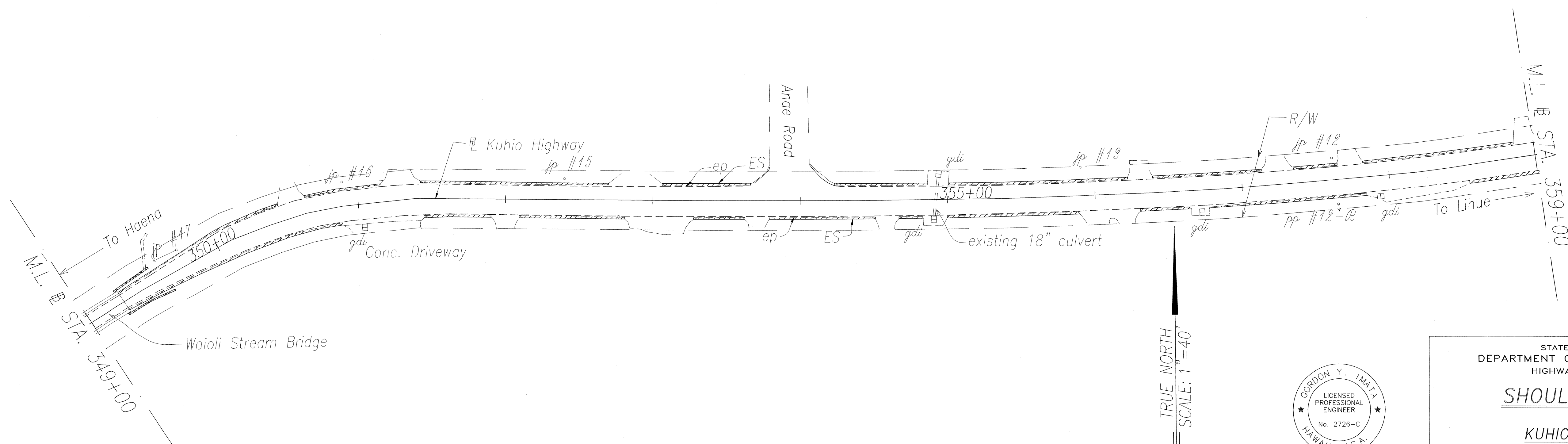
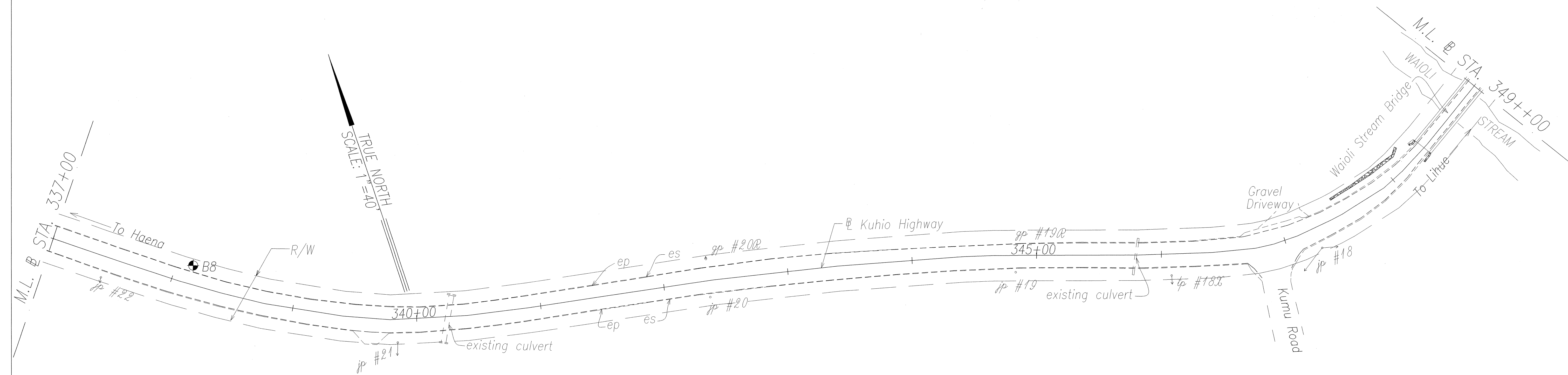
SHOULDER PLAN

**KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville**

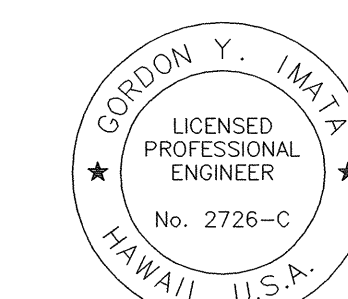
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

SHEET No. 15 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	52	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	JAN. 2001
QUANTITIES BY	CHECKED BY	
No. 2726-C		



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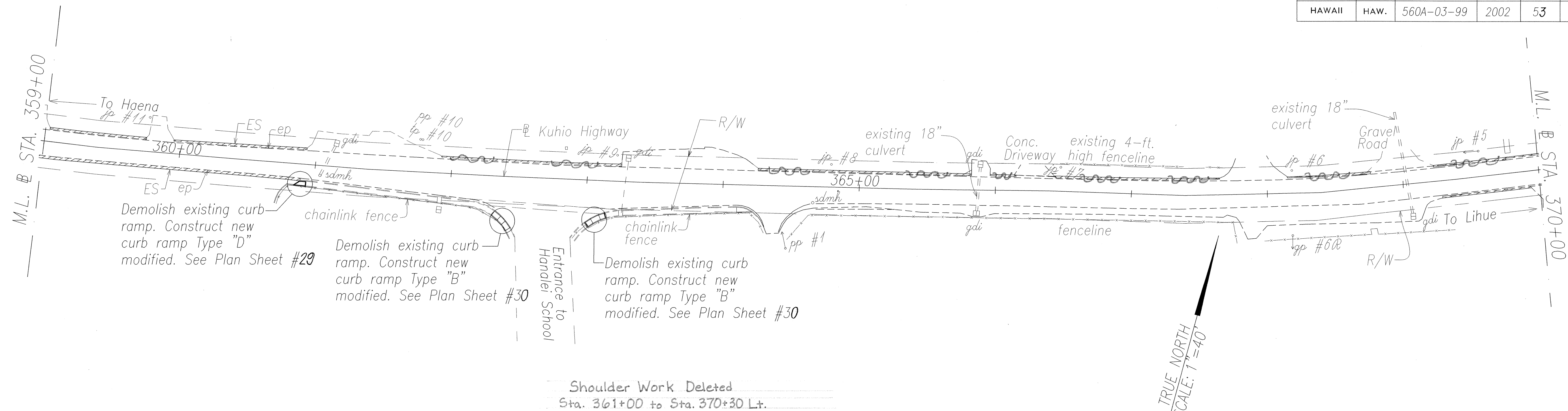
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

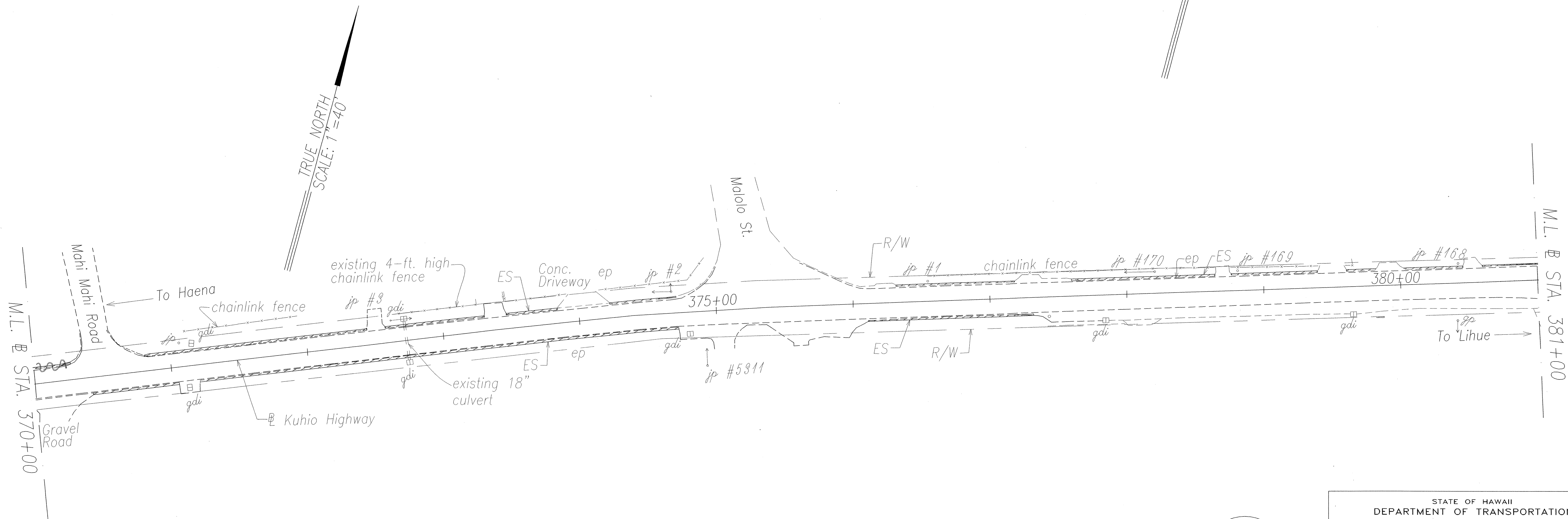
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

SHEET No. 16 OF 24 SHEETS

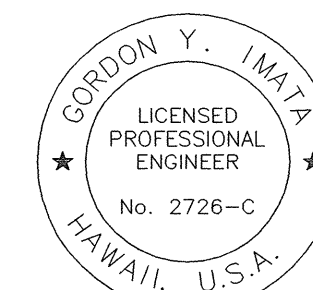
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	53	86



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Sta. 361+00 to Sta. 370+30 Lt.



ORIGINAL PLAN	DATE
NOTE BOOK	JAN. 2001
QUANTITIES BY	JAN. 2001
CHECKED BY	JAN. 2001
DESIGNED BY	JAN. 2001
PLANNED BY	JAN. 2001
SURVEY PLOTTED BY	JAN. 2001



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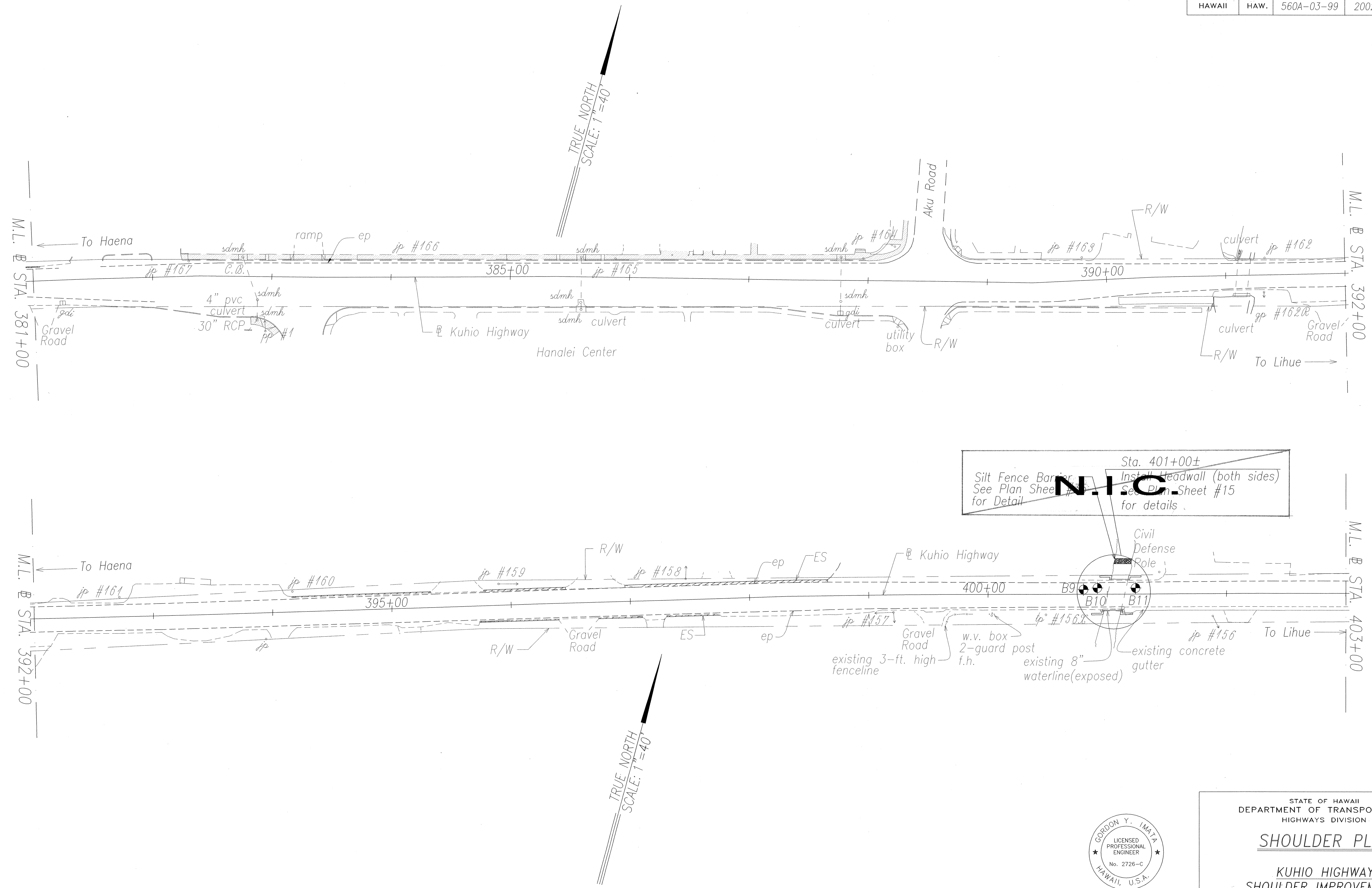
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

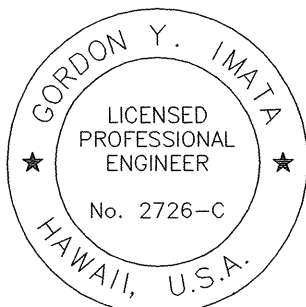
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 17 OF 24 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	54	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	JAN. 2001
	DESIGNED BY	JAN. 2001
	QUANTITIES BY	
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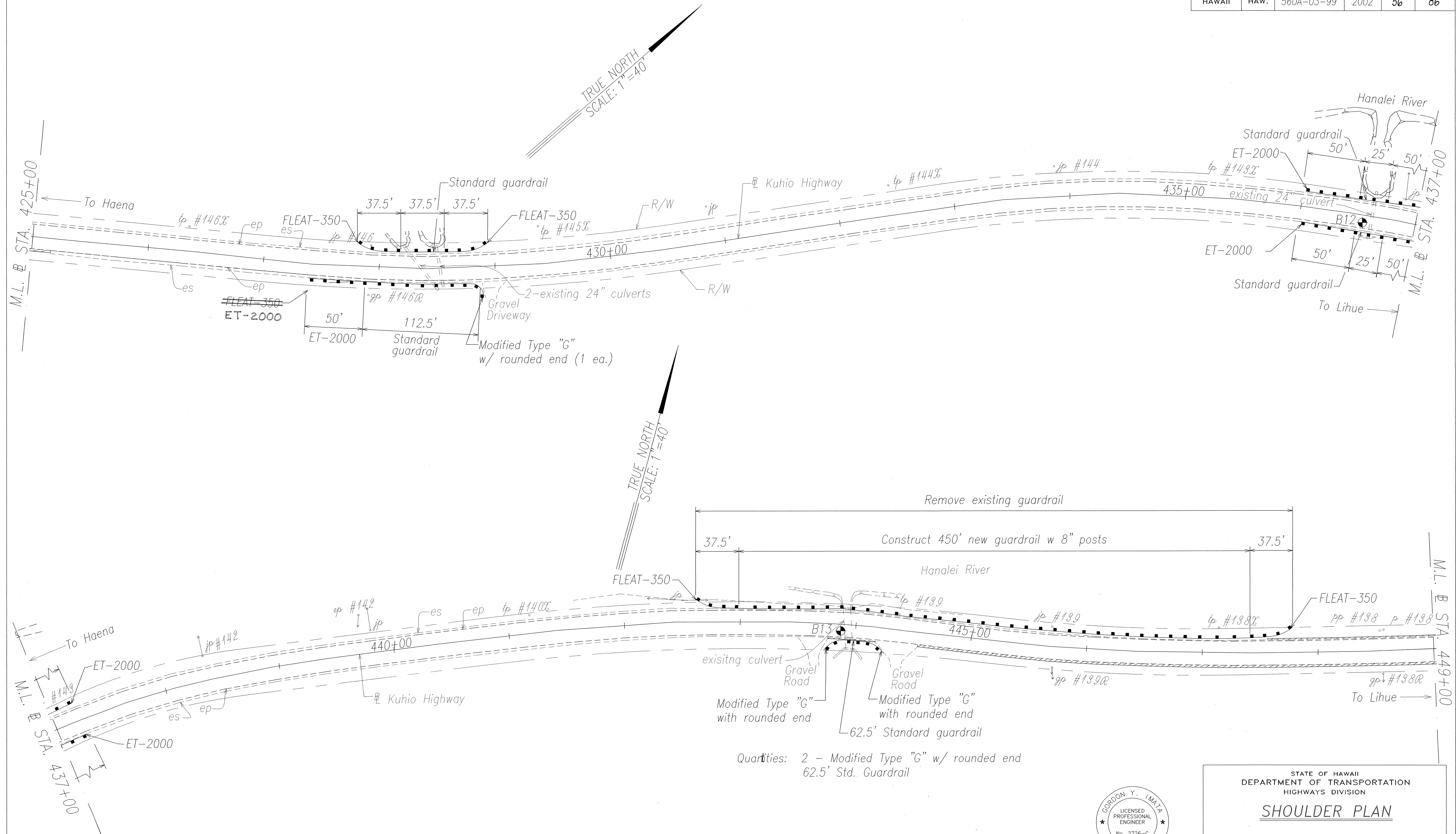
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

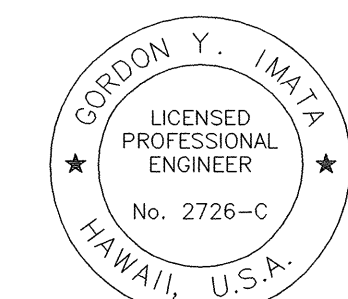
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

SHEET No. 18 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	56	86



SURVEY PLOTTED BY	DATE
DRAWN BY	JAN. 2001
DESIGNED BY	JAN. 2001
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No. 2726-C	



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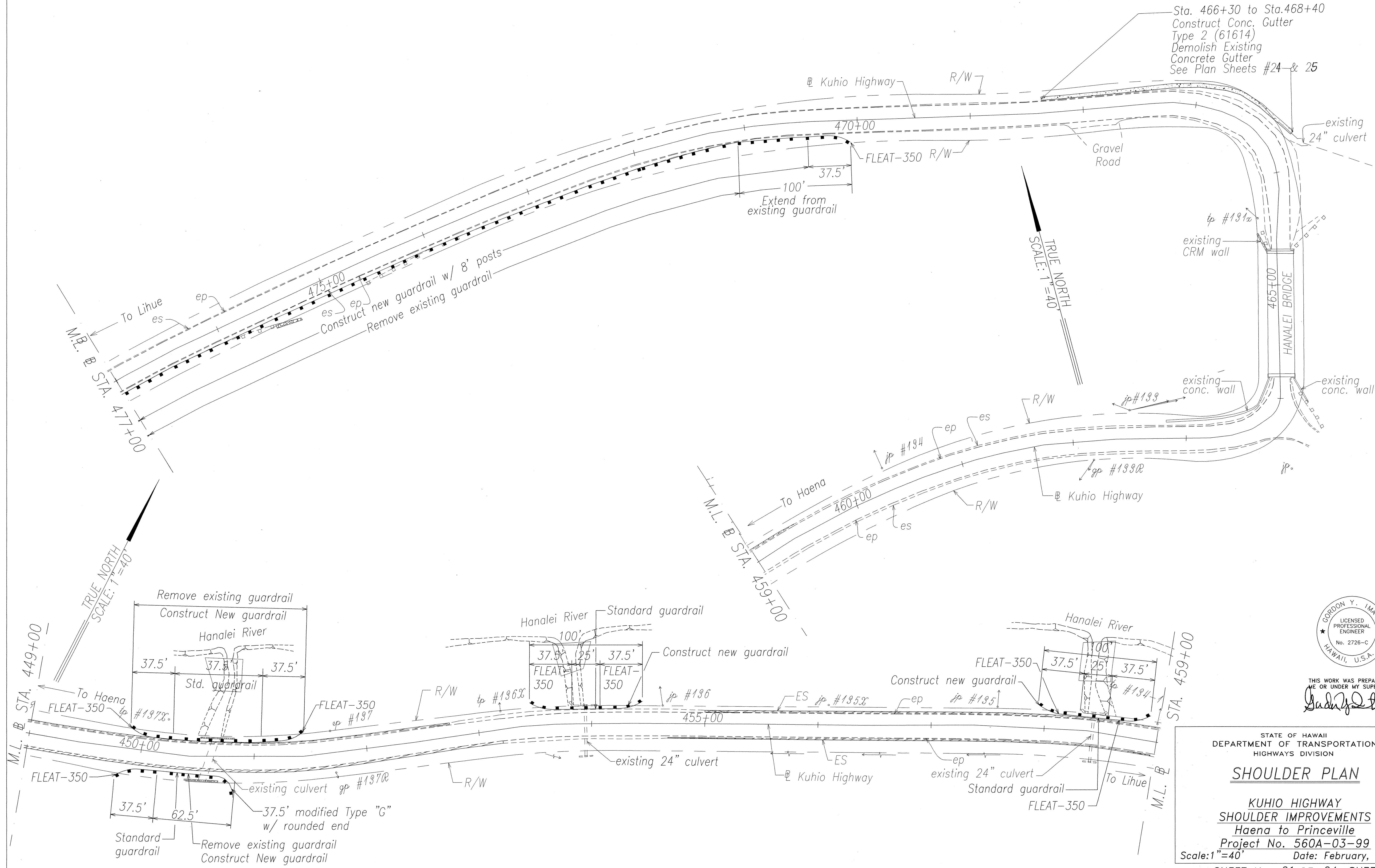
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

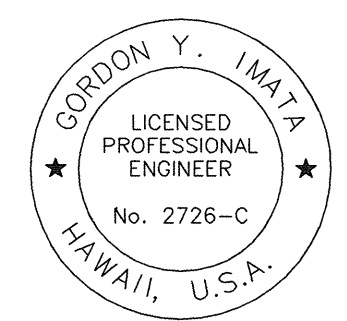
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 20 OF 24 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	57	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	JAN. 2001
QUANTITIES BY	CHECKED BY	JAN. 2001



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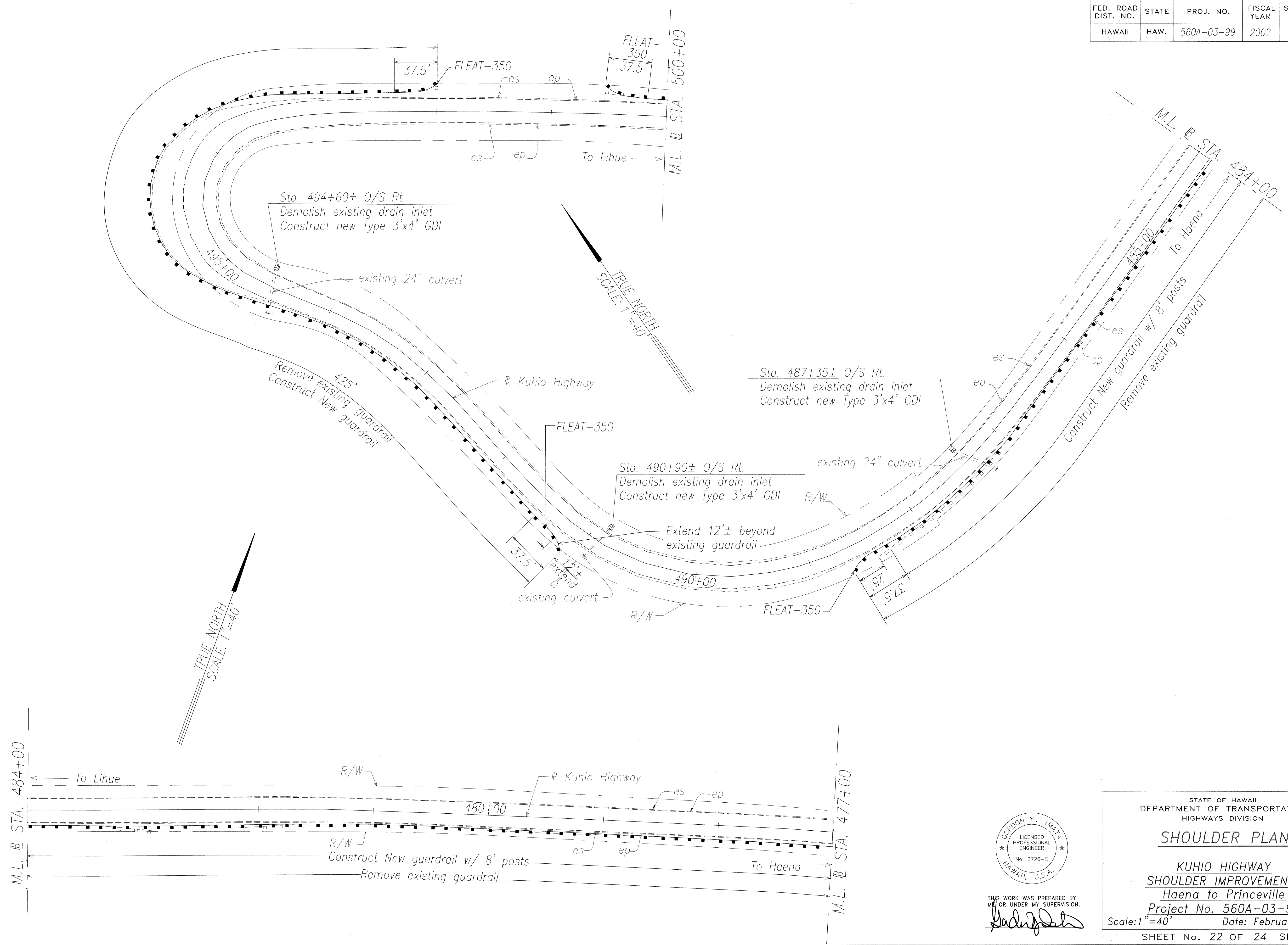
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' **Date: February, 2002**

SHEET No. 21 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	58	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	JAN. 2001
DESIGNED BY	DESIGNED BY	JAN. 2001
CHECKED BY	CHECKED BY	
No. 22 of 24		

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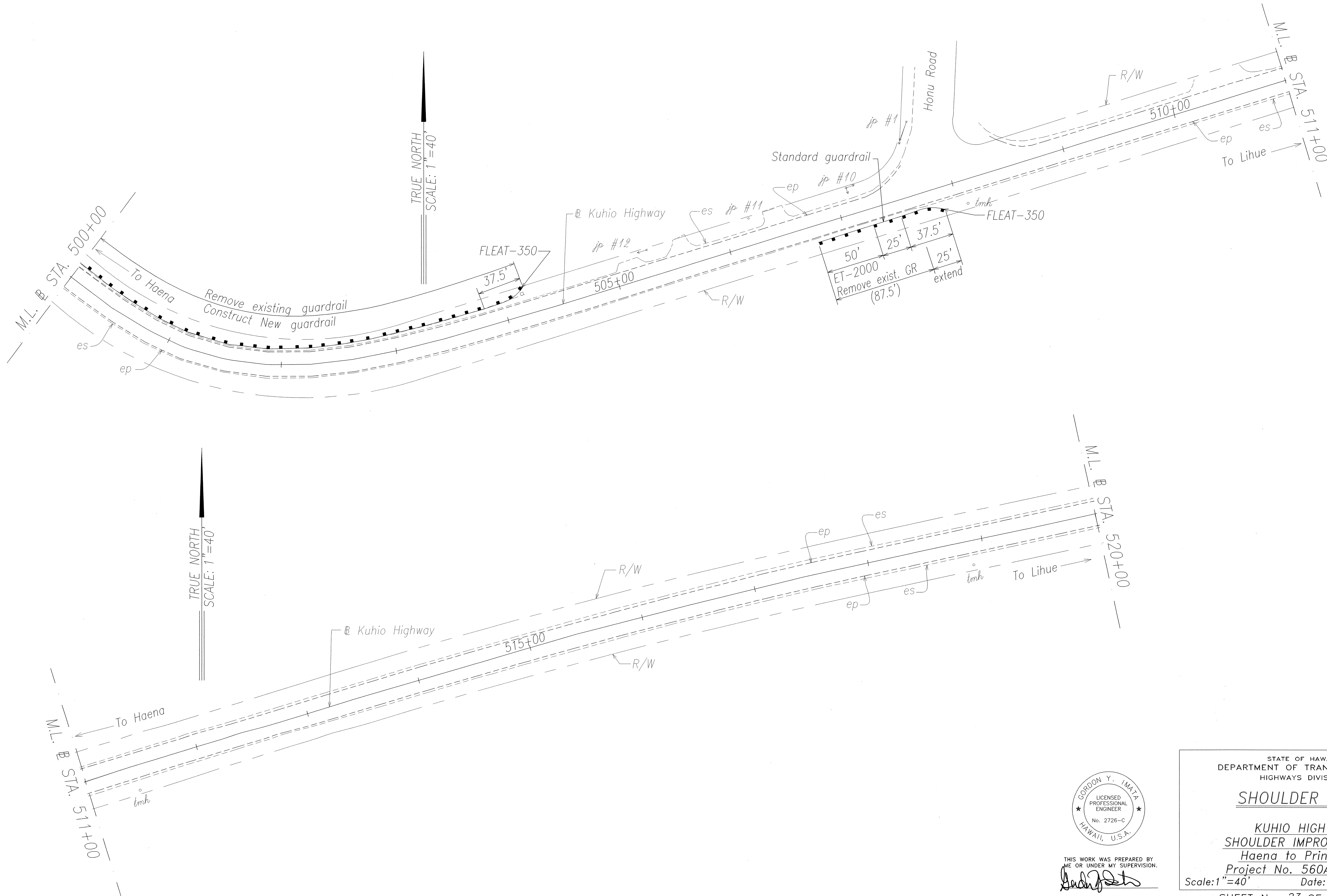
GORDON Y. IMATA
LICENSED PROFESSIONAL ENGINEER
No. 2726-C
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

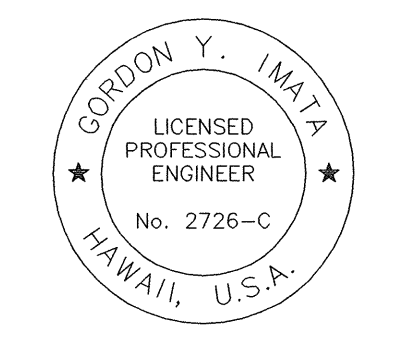
SHOULDER PLAN

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 22 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	59	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	JAN. 2001
DESIGNED BY	IA	JAN. 2001
QUANTITIES BY		
CHECKED BY		
No. 4648423.dgn		



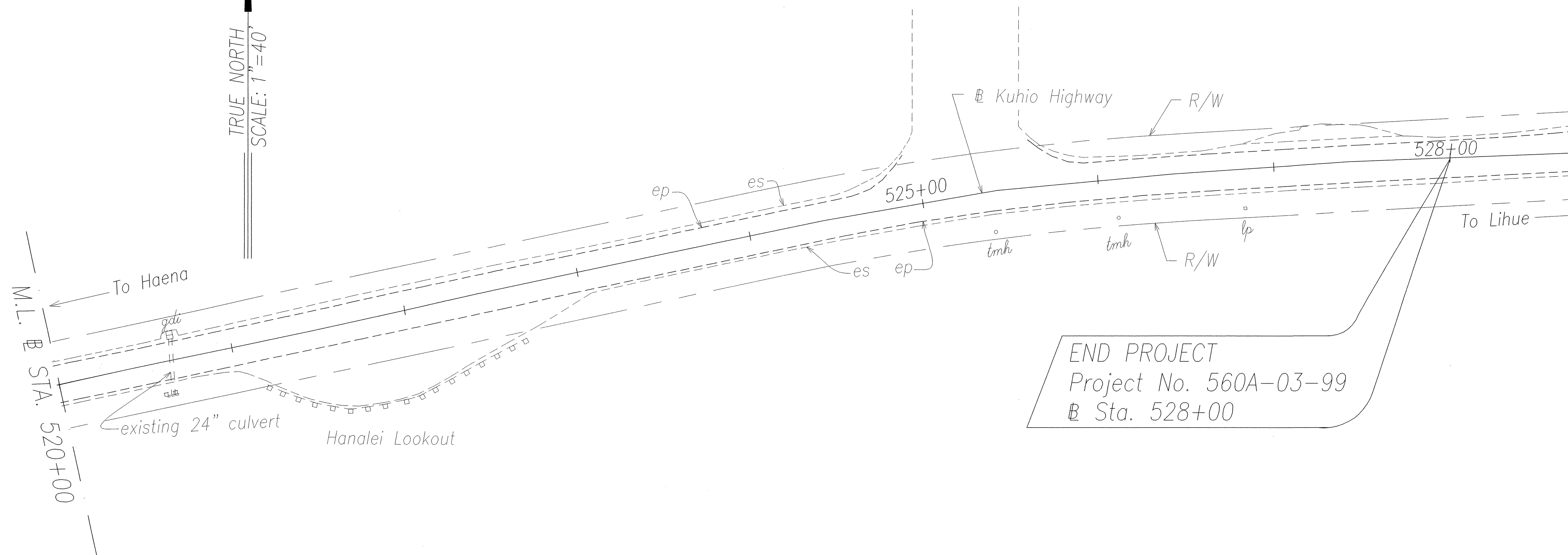
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

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ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	JAN. 2001
QUANTITIES BY	CHECKED BY	JAN. 2001
No. 24/86/24/60		



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[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER PLAN

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 24 OF 24 SHEETS