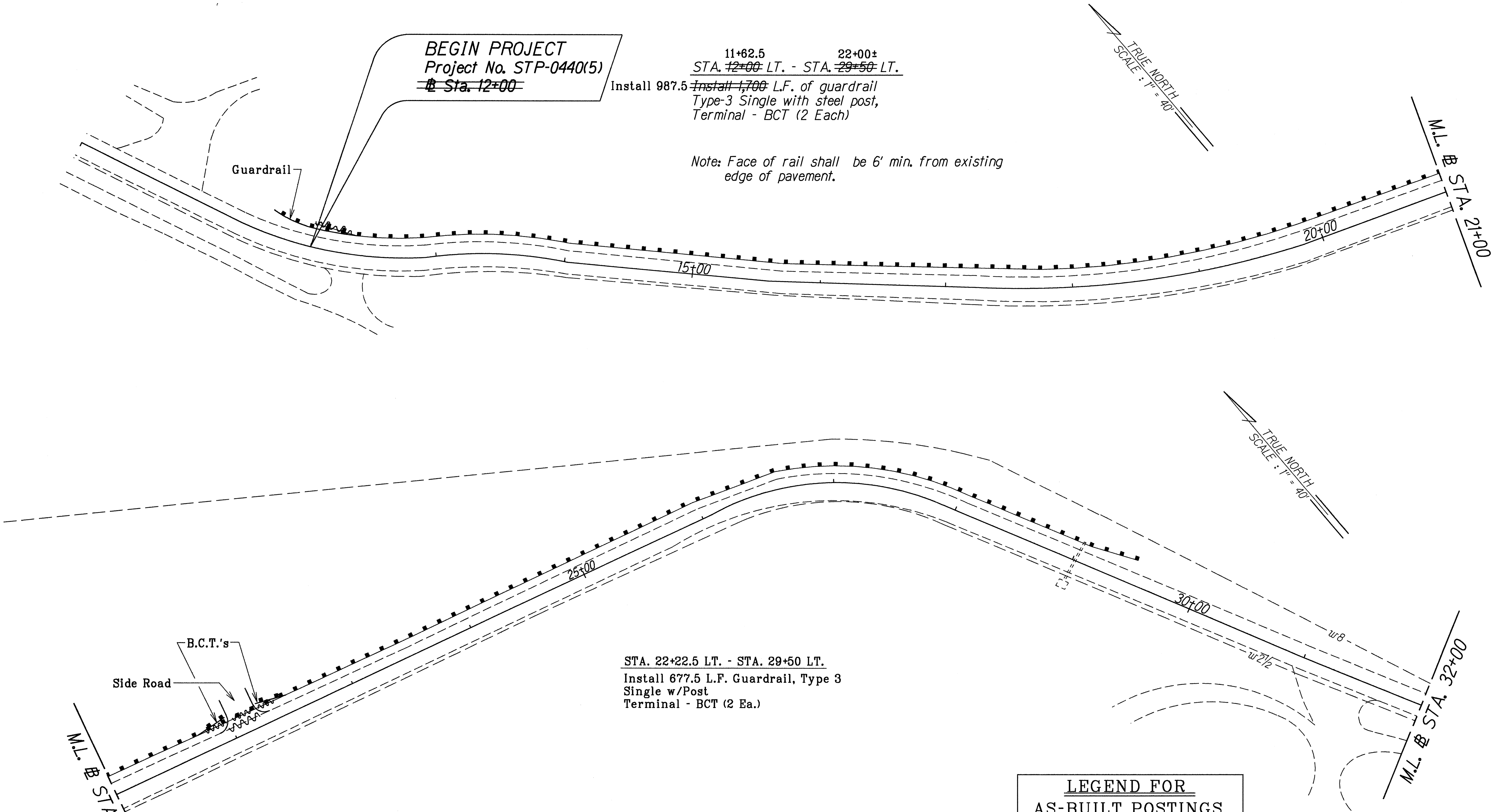


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0440(5)	1994	ADD.4S-1	23



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY C. Bagasa, J. Guetara	6/13/94
QUANTITIES BY	DESIGNED BY C. Bagasa	
Checked by		

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

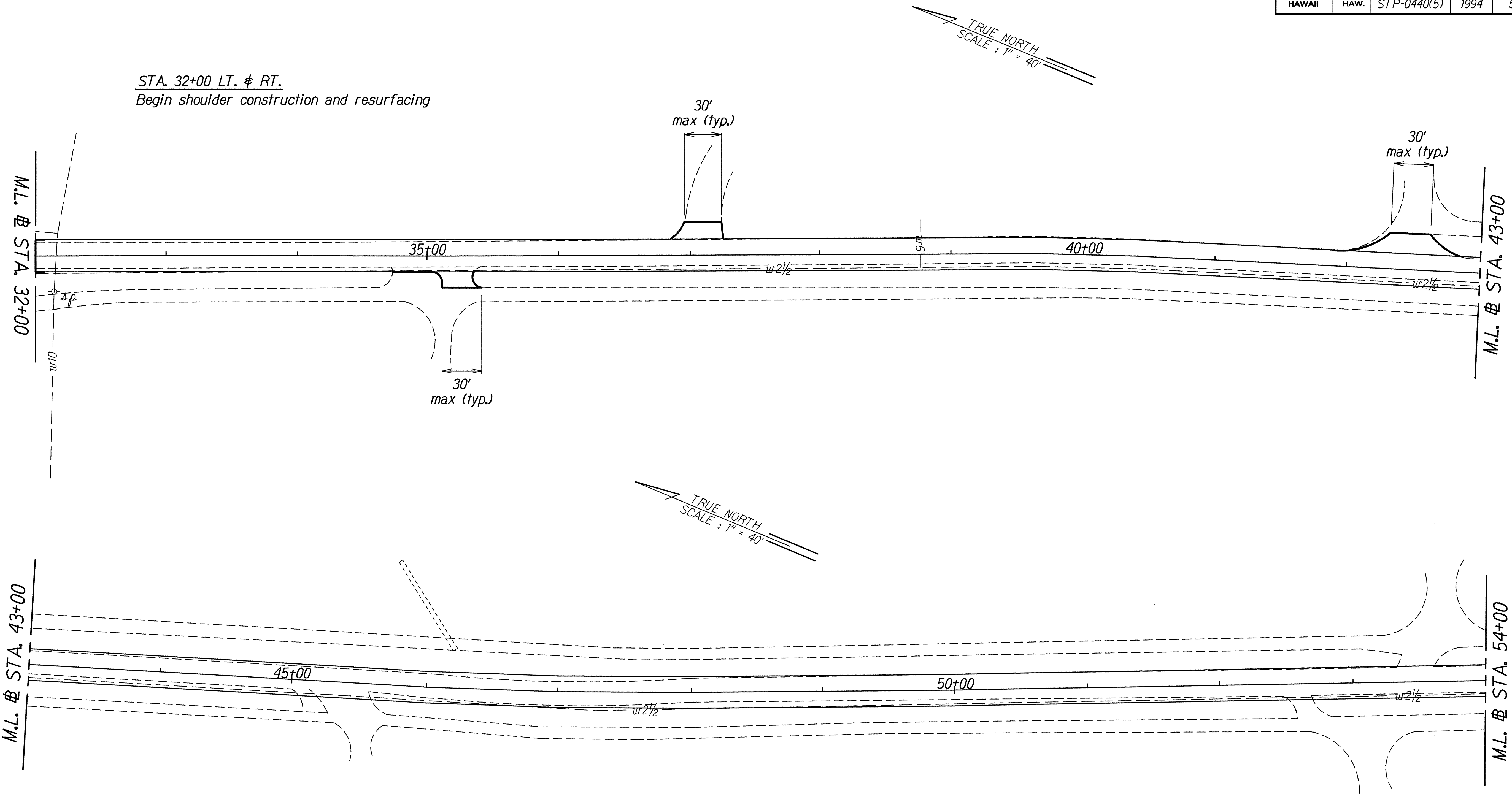
6/13/94	Added this sheet per Addendum No. 1
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY PLAN	
MANELE ROAD RESURFACING	
Vicinity of Lanai City towards Manele Bay	
Project No. STP-0440(5)	
Scale: 1" = 40'	Date: June, 1994
SHEET No. 1A OF 8 SHEETS	

"AS-BUILT"

ADD. 4S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0440(5)	1994	5	23



± STA. 32+00 ± to ± STA. 62+00 ±
Reconstruct pavement, 20± Ft. wide with
7½" ACB, 3,000 Lin. Ft.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY G. Urabie	6/13/94
DESIGNED BY C. Fagasa		
QUANTITIES BY		
CHECKED BY		

6/2/94 Added notes per Addendum No. 1

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

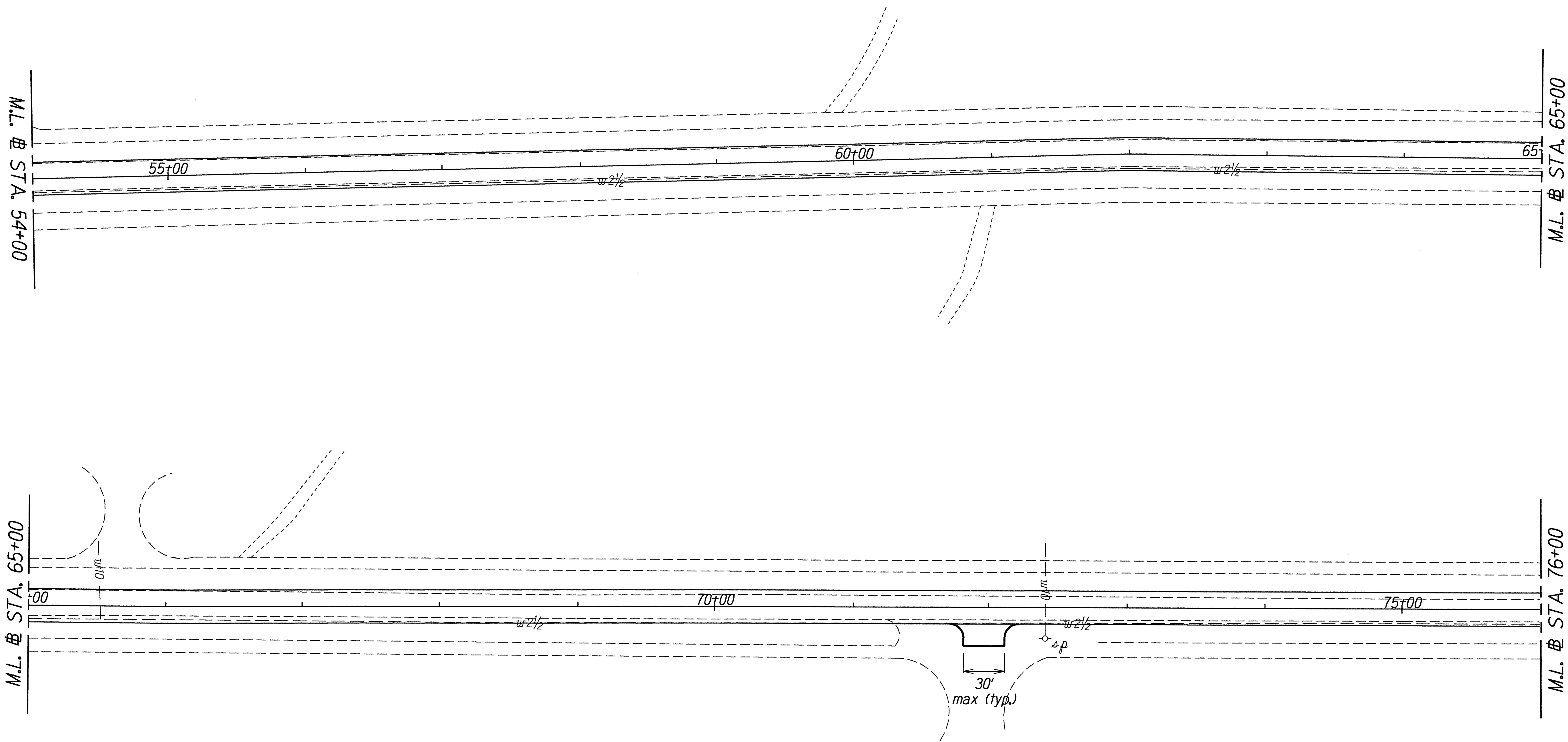
ROADWAY PLAN

MANELE ROAD RESURFACING
Vicinity of Lanai City towards Manele Bay
Project No. STP-0440(5)

Scale: 1" = 40' Date: March, 1994

SHEET No. 1 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0440(5)	1994	6	23



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY G. Urabla	5/7/94
DESIGNED BY C. Badesa		
CHECKED BY		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

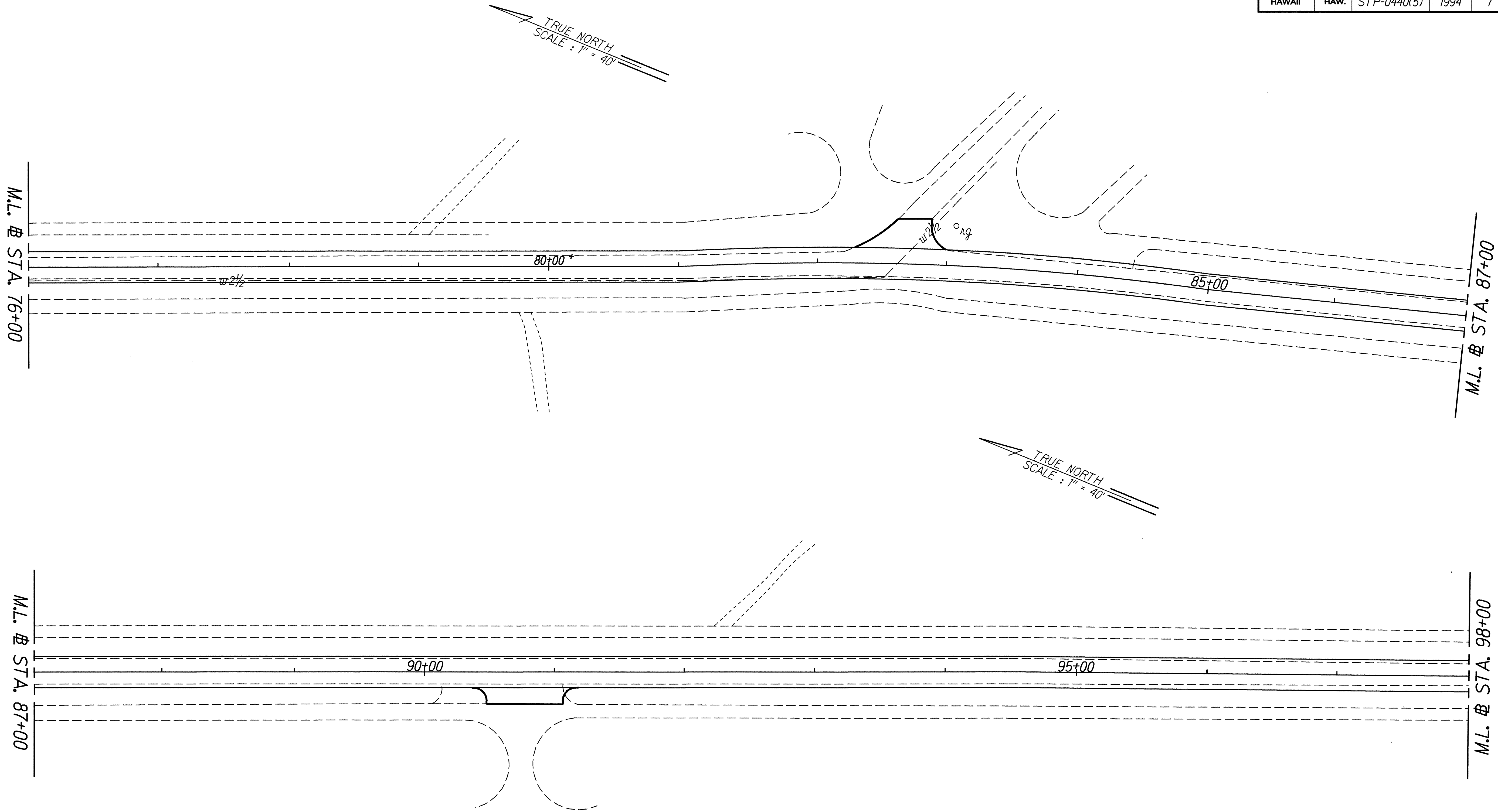
ROADWAY PLAN

MANELE ROAD RESURFACING
Vicinity of Lanai City towards Manele Bay
Fed. Aid Proj. No. STP-0440(5)

Scale: 1"=40' Date: March, 1994

SHEET No. 2 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0440(5)	1994	7	23



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY G. Uehara	5/7/94
QUANTITIES BY	DESIGNED BY C. Rogers	
NO.	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

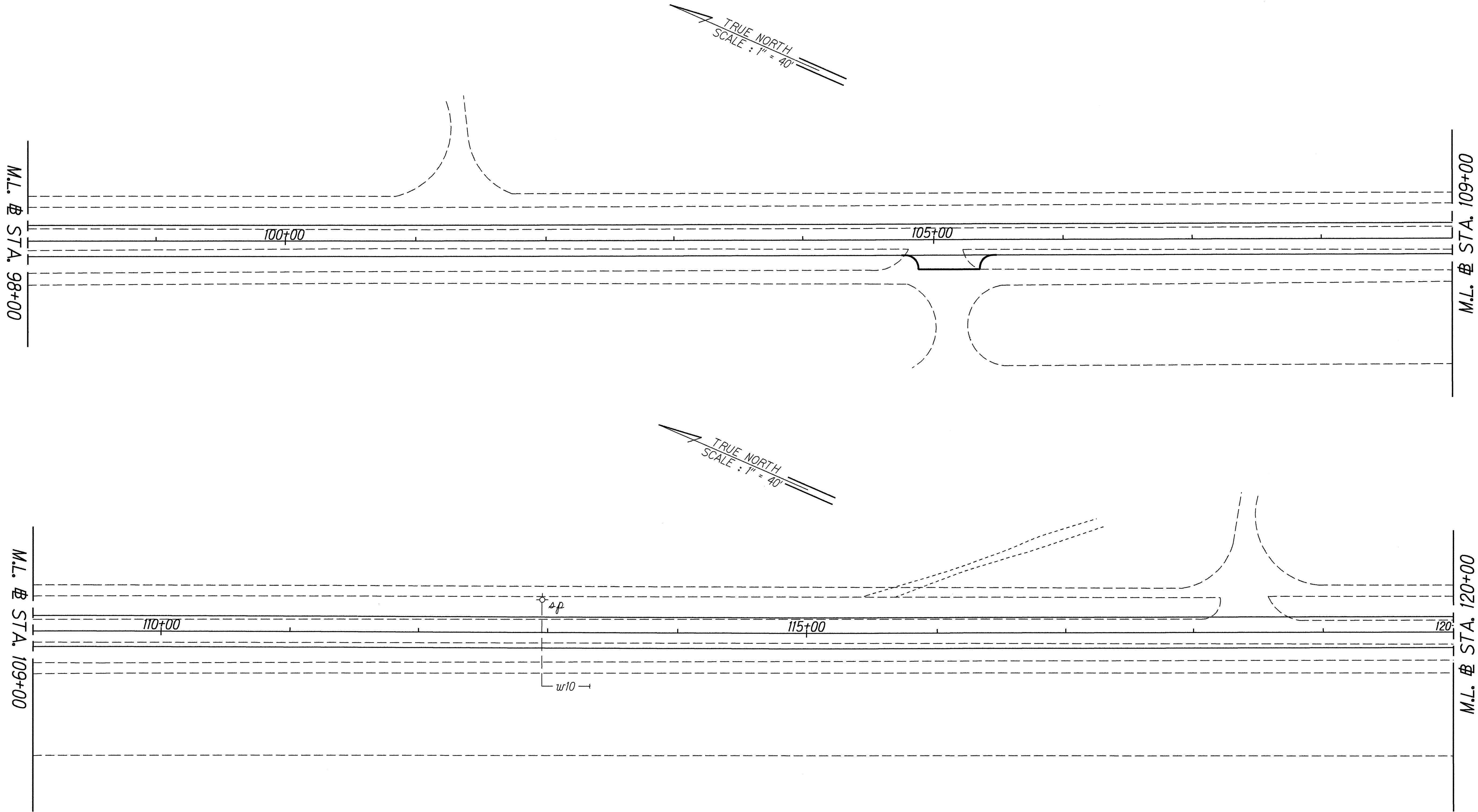
ROADWAY PLAN

MANELE ROAD RESURFACING
Vicinity of Lanai City towards Manele Bay
Fed. Aid Proj. No. STP-0440(5)

Scale: 1" = 40' Date: March, 1994

SHEET No. 3 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0440(5)	1994	8	23



ORIGINAL PLAN	SURVEY PLOTTED BY DRAWN BY G. Urakia	DATE 5/7/94
NOTE BOOK	DESIGNED BY C. Padusa	
MANIPULATED BY	CHECKED BY	

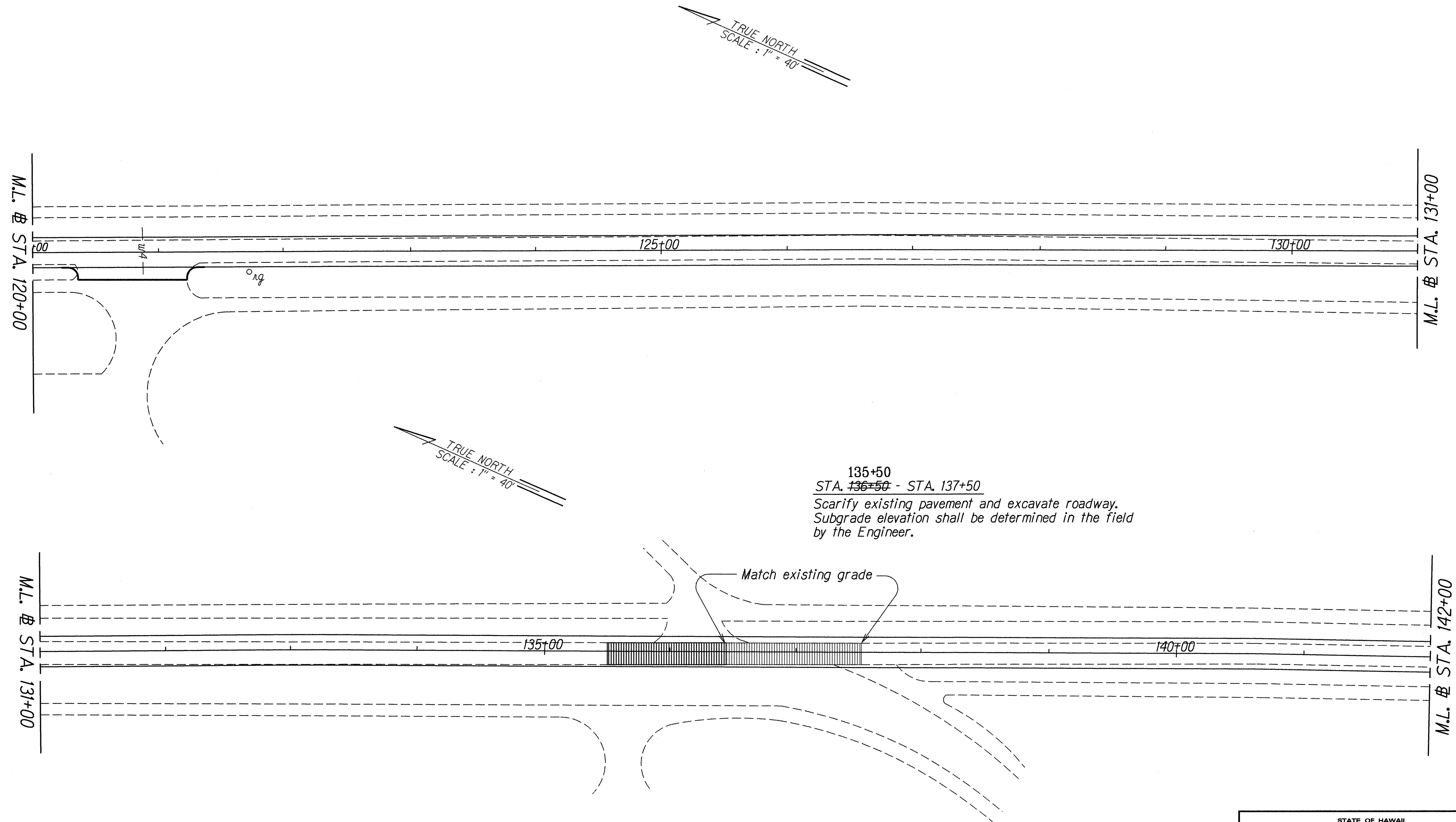
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

MANELE ROAD RESURFACING
Vicinity of Lanai City towards Manele Bay
Fed. Aid Proj. No. STP-0440(5)

Scale: 1" = 40' Date: March, 1994

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0440(5)	1994	9	23



135+50
~~STA. 136+50~~ - STA. 137+50
Scarify existing pavement and excavate roadway.
Subgrade elevation shall be determined in the field
by the Engineer.

Match existing grade

LEGEND FOR AS-BUILT POSTINGS	
~~~~~	Squiggly line for as-built deletion
<del>100+00</del>	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ROADWAY PLAN**

MANELE ROAD RESURFACING  
Vicinity of Lanai City towards Manele Bay  
Project No. STP-0440(5)

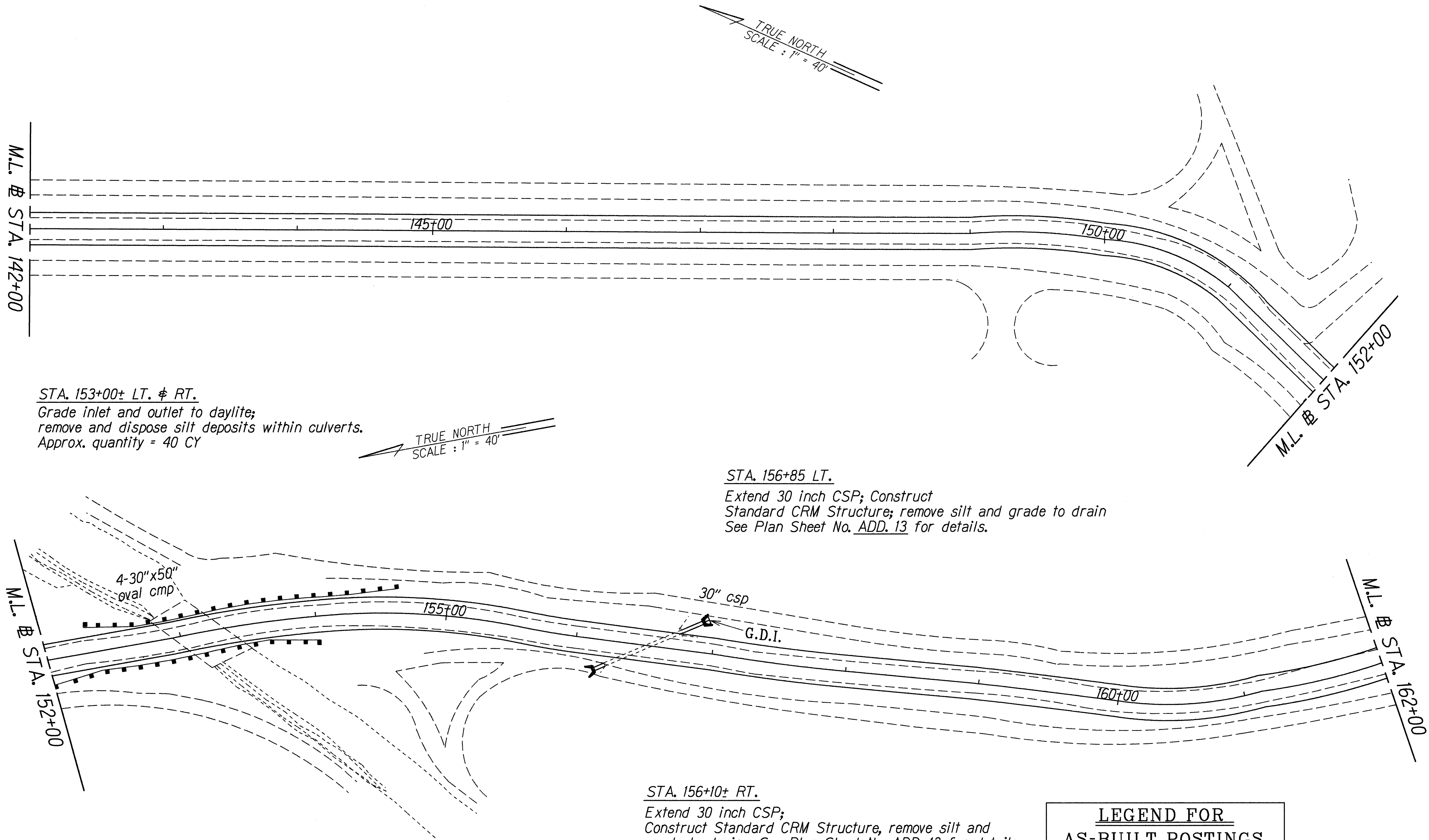
Scale: 1" = 40'      Date: March, 1994

SHEET No. 5 OF 8 SHEETS

"AS-BUILT"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY G. Uraha	Mar. 94
QUANTITIES BY	DESIGNED BY C. Pabasa	
CHECKED BY		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0440(5)	1994	10	23



LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

6/2/94	Added guardrails; Extend culverts per Addendum No. 1
DATE	REVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**ROADWAY PLAN**  
**MANELE ROAD RESURFACING**  
Vicinity of Lanai City towards Manele Bay  
Project No. STP-0440(5)  
Scale: 1" = 40' Date: March, 1994  
SHEET No. 6 OF 8 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	Mar. 94
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STA. 152+50 LT. - STA. 154+50 LT.  
Install 150 LF of guardrail, Type-3 Single with steel post Terminal - BCT (2 Each)  
Posts shall straddle existing culverts.

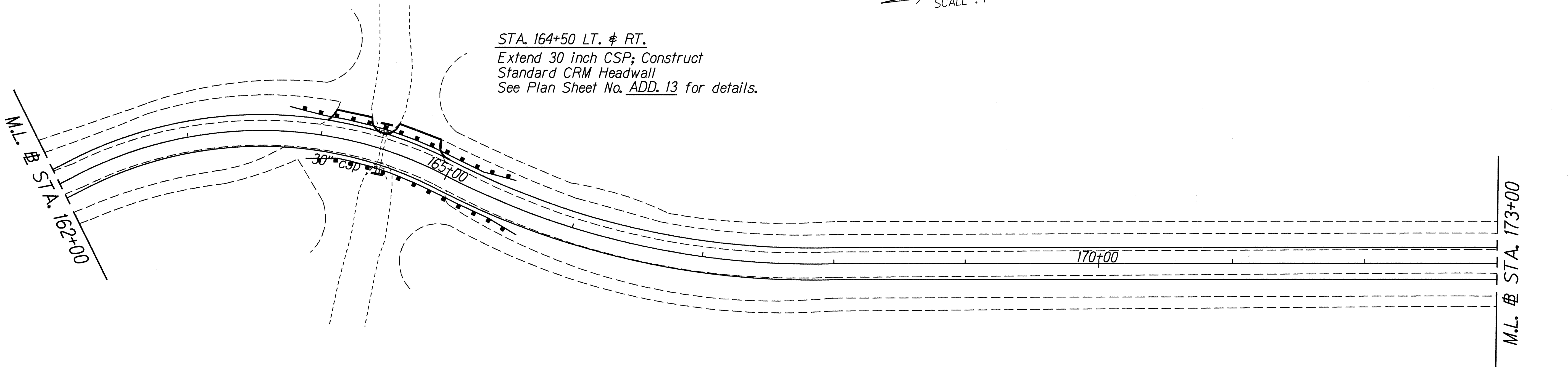
STA. 152+00± RT. - STA. 154+00 RT.  
Install 150 LF of guardrail, Type-3 Single with steel post Terminal - BCT (2 Each)  
Posts shall straddle existing culverts.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0440(5)	1994	11	23

STA. 164+00 LT. to STA. 165+25 LT.  
Install 75 L.F. of Guardrail, Type-3 Single  
w/Steel Posts and (2) B.C.T.'s

TRUE NORTH  
SCALE : 1" = 40'

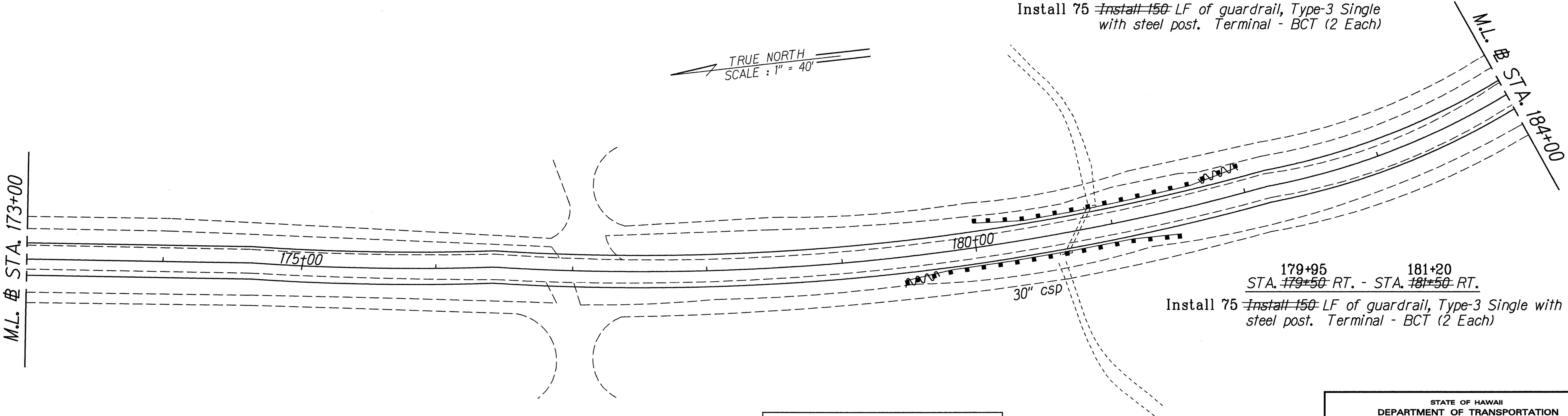
STA. 164+50 LT. & RT.  
Extend 30 inch CSP; Construct  
Standard CRM Headwall  
See Plan Sheet No. ADD. 13 for details.



STA. 164+15 RT. to STA. 165+40 RT.  
Install 75 L.F. of Guardrail w/ (2) B.C.T.'s

180+20      181+45  
STA. ~~180+00~~ LT. - STA. ~~182+00~~ LT.  
Install 75 ~~Install 150~~ LF of guardrail, Type-3 Single  
with steel post. Terminal - BCT (2 Each)

TRUE NORTH  
SCALE : 1" = 40'



179+95      181+20  
STA. ~~179+50~~ RT. - STA. ~~181+50~~ RT.  
Install 75 ~~Install 150~~ LF of guardrail, Type-3 Single with  
steel post. Terminal - BCT (2 Each)

LEGEND FOR  
AS-BUILT POSTINGS

~~~~~ Squiggly line for  
as-built deletion
~~100.00~~ Double line for
as-built deletion
Roadway Text for as-built
posting

| 6/2/94 | Added guardrails per Addendum No. 1 |
|--------|-------------------------------------|
| DATE | REVISION |

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

MANELE ROAD RESURFACING
Vicinity of Lanai City towards Manele Bay
Project No. STP-0440(5)

Scale: 1" = 40' Date: March, 1994

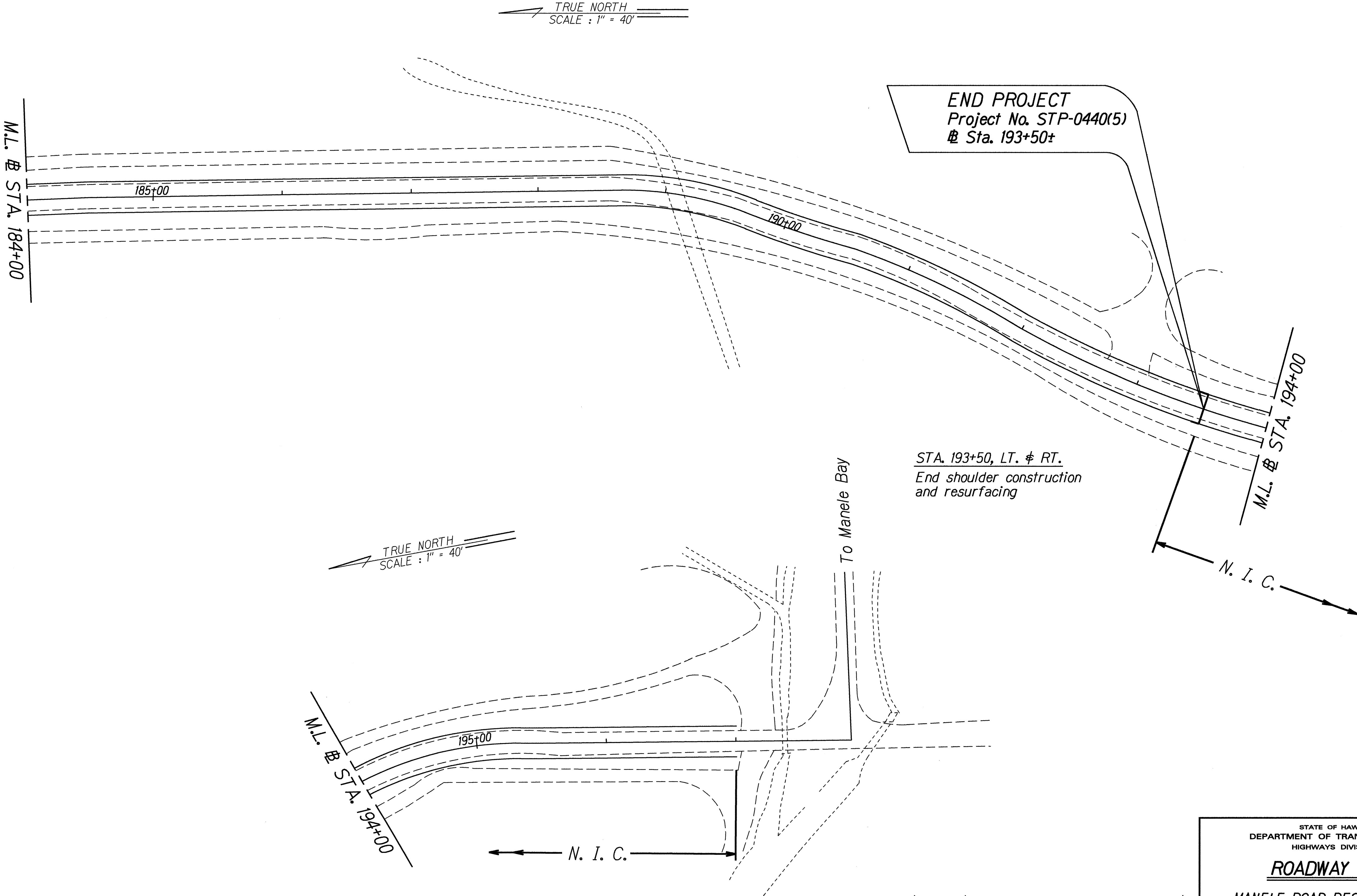
SHEET No. 7 OF 8 SHEETS

"AS-BUILT"

ADD. 11

| | |
|---------------------------------|---------|
| ORIGINAL PLAN | DATE |
| SURVEY PLOTTED BY | 5/13/94 |
| DRAWN BY G. Uvalde | |
| TRACED BY | |
| NOTE BOOK DESIGNED BY G. Radosa | |
| QUANTITIES BY | |
| CHECKED BY | |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | STP-0440(5) | 1994 | 12 | 23 |



| | | |
|-------------------------|--------------------|---------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK | DRAWN BY C. Uehara | 4/12/94 |
| DESIGNED BY C. Ragsdale | TRACED BY | |
| QUANTITIES BY | | |
| CHECKED BY | | |

| 6/2/94 | Revised End of Project per Addendum No. 1 |
|--------|---|
| DATE | REVISION |

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
MANELE ROAD RESURFACING
Vicinity of Lanai City towards Manele Bay
Project No. STP-0440(5)
Scale: 1" = 40' Date: March, 1994
SHEET No. 8 OF 8 SHEETS