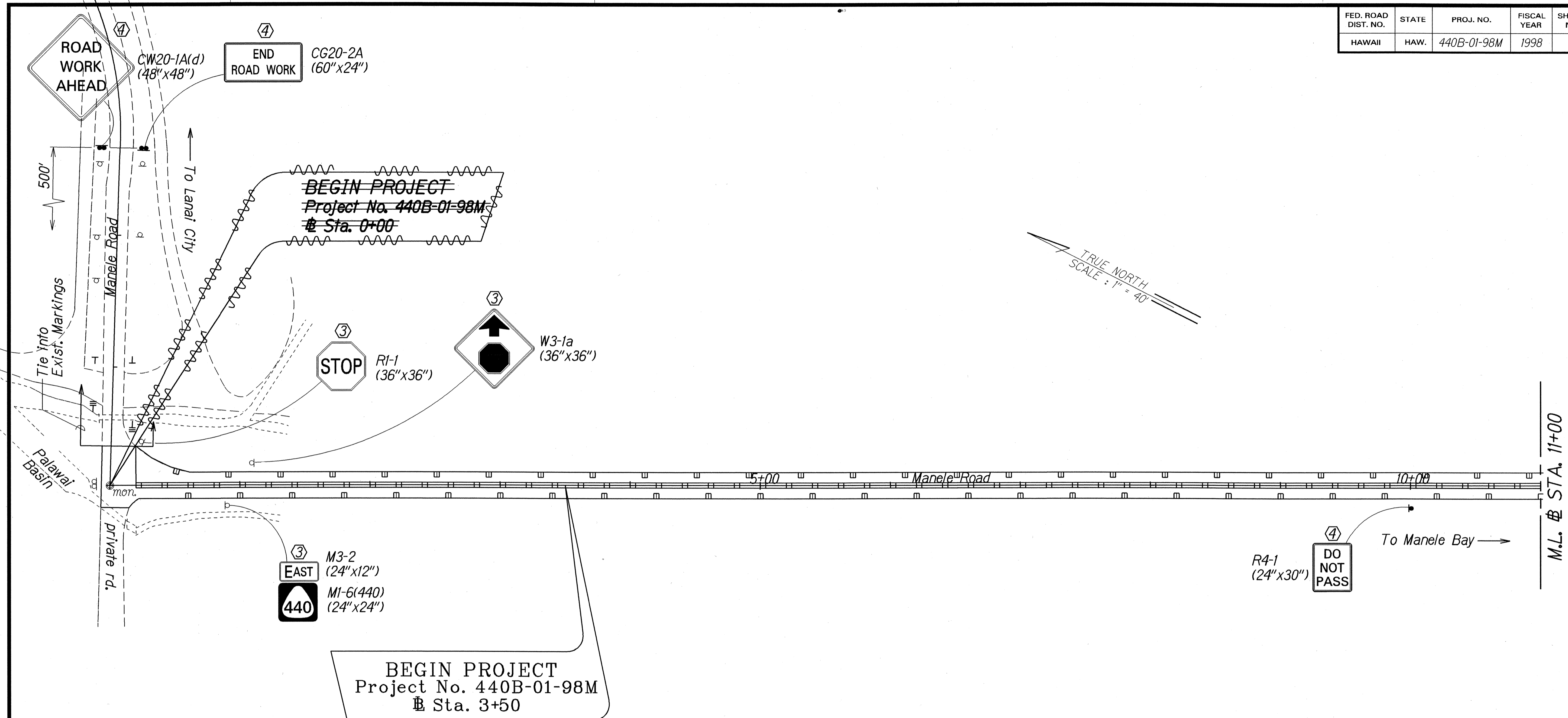


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	440B-01-98M	1998	9	12



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY	_____	Jan 1998
NOTE BOOK	_____	
QUANTITIES BY	_____	
CHECKED BY	_____	

- KEY:**
- ① exist. sign(s) & post(s) to remain
 - ② Remove exist. sign(s) & post(s)
 - ③ Remove exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

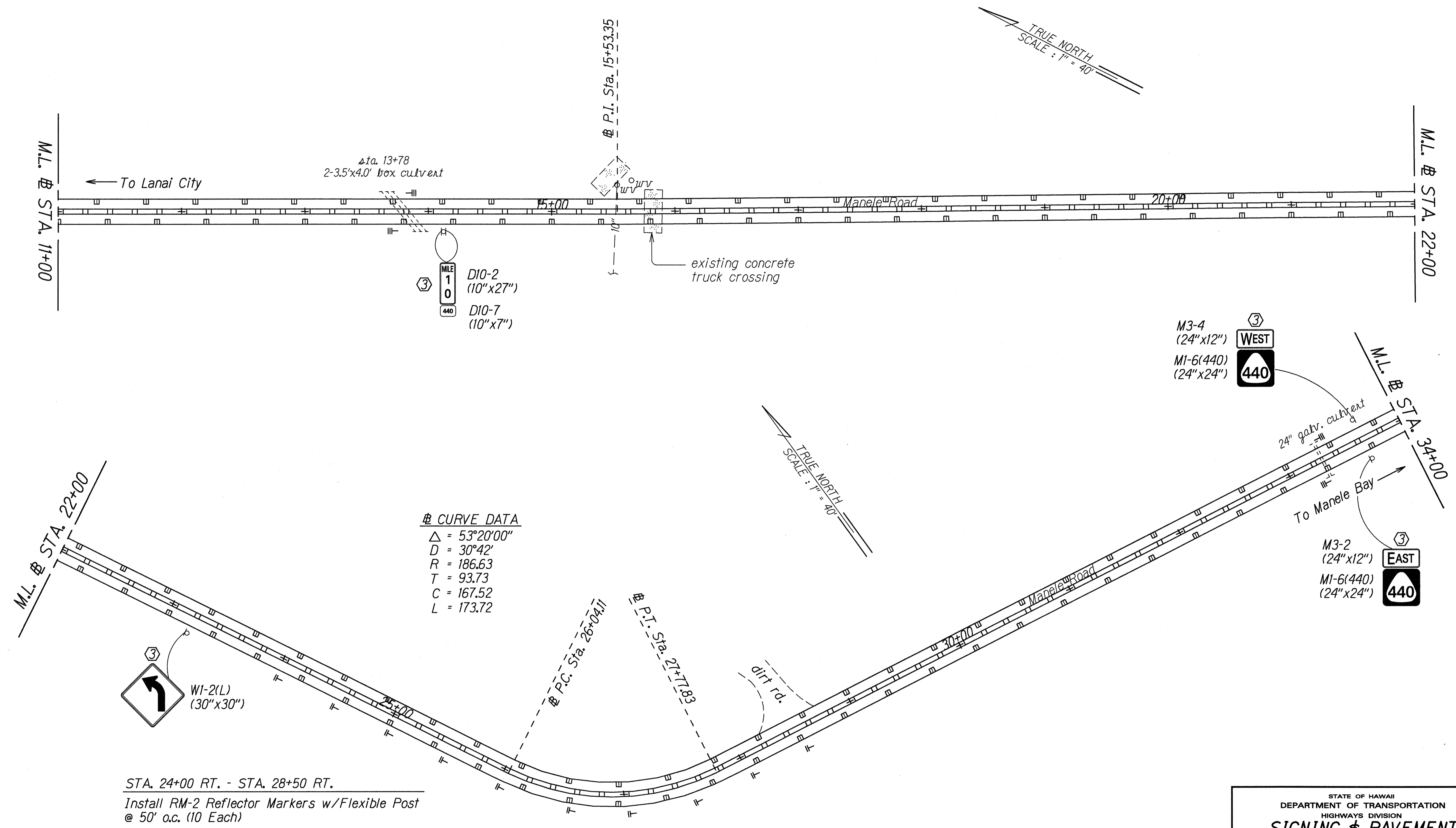
SIGNING & PAVEMENT MARKING PLAN

MANELE ROAD RESURFACING
Palawai Basin Towards Manele Bay
MP 9.72 to MP 10.72
Project No. 440B-01-98M
Scale: 1" = 40' Date: January, 1998

SHEET No. 1 OF 3 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	440B-01-98M	1998	10	12



CURVE DATA
 $\Delta = 53^{\circ}20'00''$
 $D = 30^{\circ}42'$
 $R = 186.63$
 $T = 93.73$
 $C = 167.52$
 $L = 173.72$

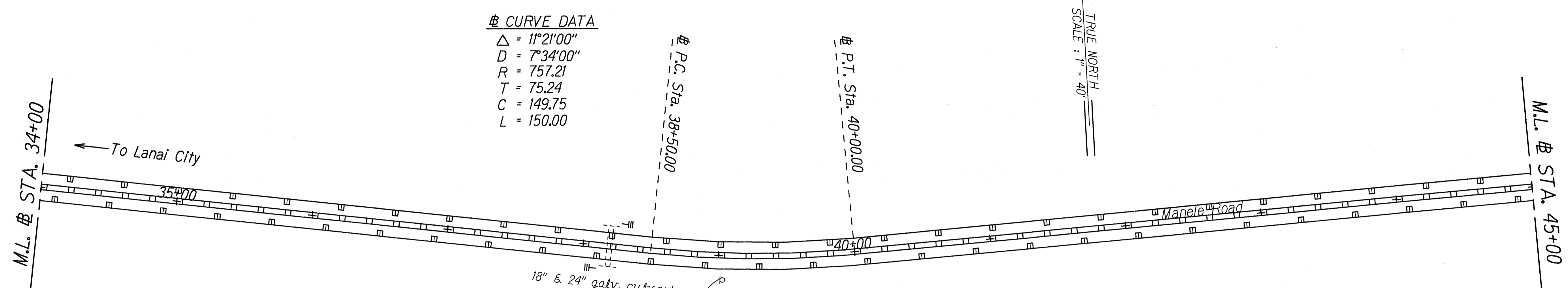
STA. 24+00 RT. - STA. 28+50 RT.
 Install RM-2 Reflector Markers w/Flexible Post
 @ 50' o.c. (10 Each)

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**SIGNING & PAVEMENT
 MARKING PLAN**
 MANELE ROAD RESURFACING
 Palawai Basin Towards Manele Bay
 MP 9.72 to MP 10.72
 Project No. 440B-01-98M
 Scale: 1" = 40' Date: January, 1998
 SHEET No. 2 OF 3 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	JAN. 1998
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
LOG IN	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	440-01-98M	1998	11	12



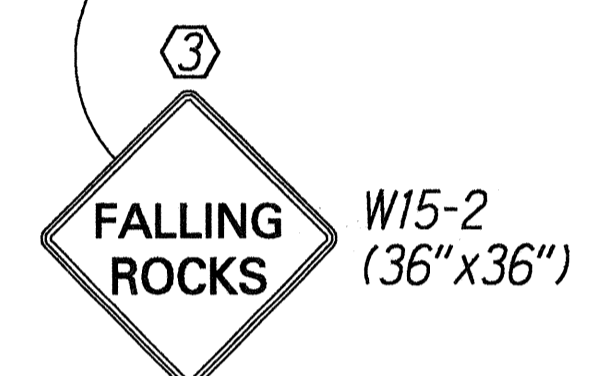
☯ CURVE DATA
 $\Delta = 11^{\circ}21'00''$
 $D = 7^{\circ}34'00''$
 $R = 757.21$
 $T = 75.24$
 $C = 149.75$
 $L = 150.00$

TRUE NORTH
 SCALE: 1" = 40'

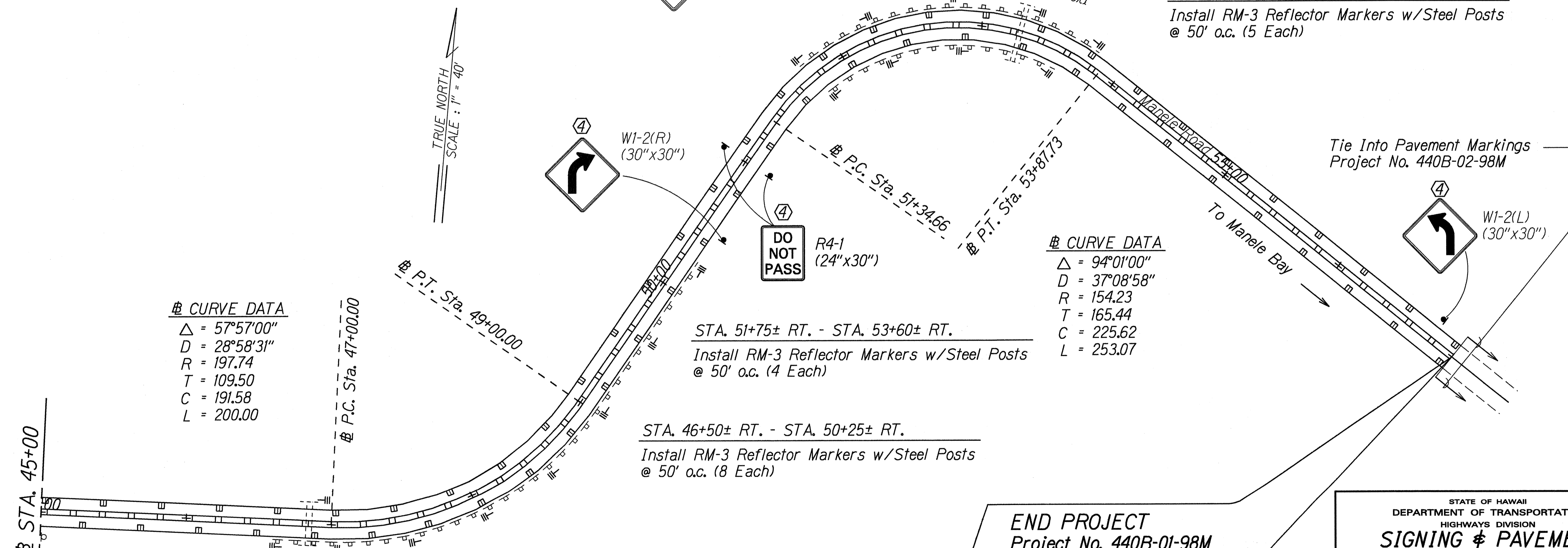
M.L. # STA. 34+00
 ← To Lanai City

M.L. # STA. 45+00

18" & 24" galv. culverts

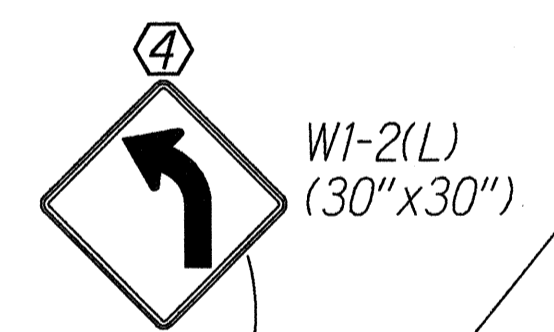
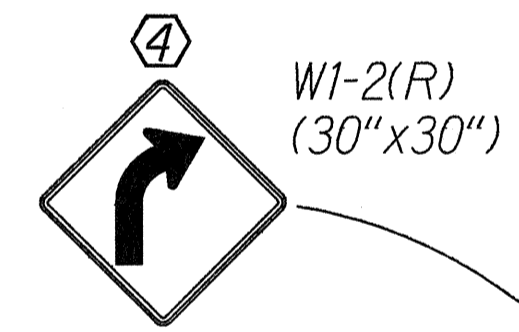


STA. 51+75± LT. - STA. 53+80± LT.
 Install RM-3 Reflector Markers w/Steel Posts @ 50' o.c. (5 Each)



☯ CURVE DATA
 $\Delta = 57^{\circ}57'00''$
 $D = 28^{\circ}58'31''$
 $R = 197.74$
 $T = 109.50$
 $C = 191.58$
 $L = 200.00$

TRUE NORTH
 SCALE: 1" = 40'



STA. 51+75± RT. - STA. 53+60± RT.
 Install RM-3 Reflector Markers w/Steel Posts @ 50' o.c. (4 Each)

STA. 46+50± RT. - STA. 50+25± RT.
 Install RM-3 Reflector Markers w/Steel Posts @ 50' o.c. (8 Each)

☯ CURVE DATA
 $\Delta = 94^{\circ}01'00''$
 $D = 37^{\circ}08'58''$
 $R = 154.23$
 $T = 165.44$
 $C = 225.62$
 $L = 253.07$

Tie Into Pavement Markings
 Project No. 440B-02-98M

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

END PROJECT
 Project No. 440B-01-98M
 # Sta. 57+00±

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNING & PAVEMENT MARKING PLAN
 MANELE ROAD RESURFACING
 Palawai Basin Towards Manele Bay
 MP 9.72 to MP 10.72
 Project No. 440B-01-98M
 Scale: 1" = 40' Date: January, 1998
 SHEET No. 3 OF 3 SHEETS