

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	460A-01-88	1988	4	6

☺ CURVE DATA

$\Delta = 45^\circ 51' 50''$
 $R = 3,819.72'$
 $T = 1,616.02'$
 $L_c = 3,057.59'$
 $S.E. = 0.04'/ft.$

☺ Sta. 23+20 ± Lt. to ☺ Sta. 29+70 ± Lt.
 Install 535 L.F. of Guardrail, Type 3-Single w/8' Steel Post, 75 L.F. of Guardrail, Type 3-Single with Rub Rail on 8' Steel Post and 1 "BCT" Terminal Section.

Construct Concrete Rail Build-Up and End Post at Bridge No. 1. For Details, see Plan Sht. No. 6.

☺ Sta. 23+80 ± Rt. to ☺ Sta. 45+20 ± Rt.
 Install 1910 L.F. of Guardrail, Type 3-Single w/8' Steel Post and 150 L.F. of Guardrail, Type 3-Single with Rub Rail on Steel Post.

Construct Concrete Rail Build-Up and End Post at Bridge Nos. 1 & 2. For Details, see Plan Sht. No. 6.

☺ Sta. 30+20 ± Lt. to ☺ Sta. 45+00 ± Lt.
 Install 1385 L.F. of Guardrail, Type 3-Single w/8' Steel Post and 75 L.F. of Guardrail, Type 3-Single with Rub Rail on Steel Post.

Construct Concrete Rail Build-Up and End Post at Bridge No. 2. For Details, see Plan Sht. No. 6.

☺ Sta. 45+45 ± Lt. to ☺ Sta. 47+25 ± Lt.
 Install 180 L.F. of Guardrail, Type 3-Single w/8' Steel Post and 1 "BCT" Terminal Section.

☺ Sta. 45+65 ± Rt. to ☺ Sta. 47+25 ± Rt.
 Install 135 L.F. of Guardrail, Type 3-Single w/8' Steel Post and 1 "BCT" Terminal Section.

Type "G" Flare w/ W Beam End Section (Rounded)

Install RM-3

Type "G" Flare w/ W Beam End Section (Rounded)

Install RM-3

Install RM-3

Install RM-3

"BCT" Terminal Section

Install RM-3

"BCT" Terminal Section

Install RM-3

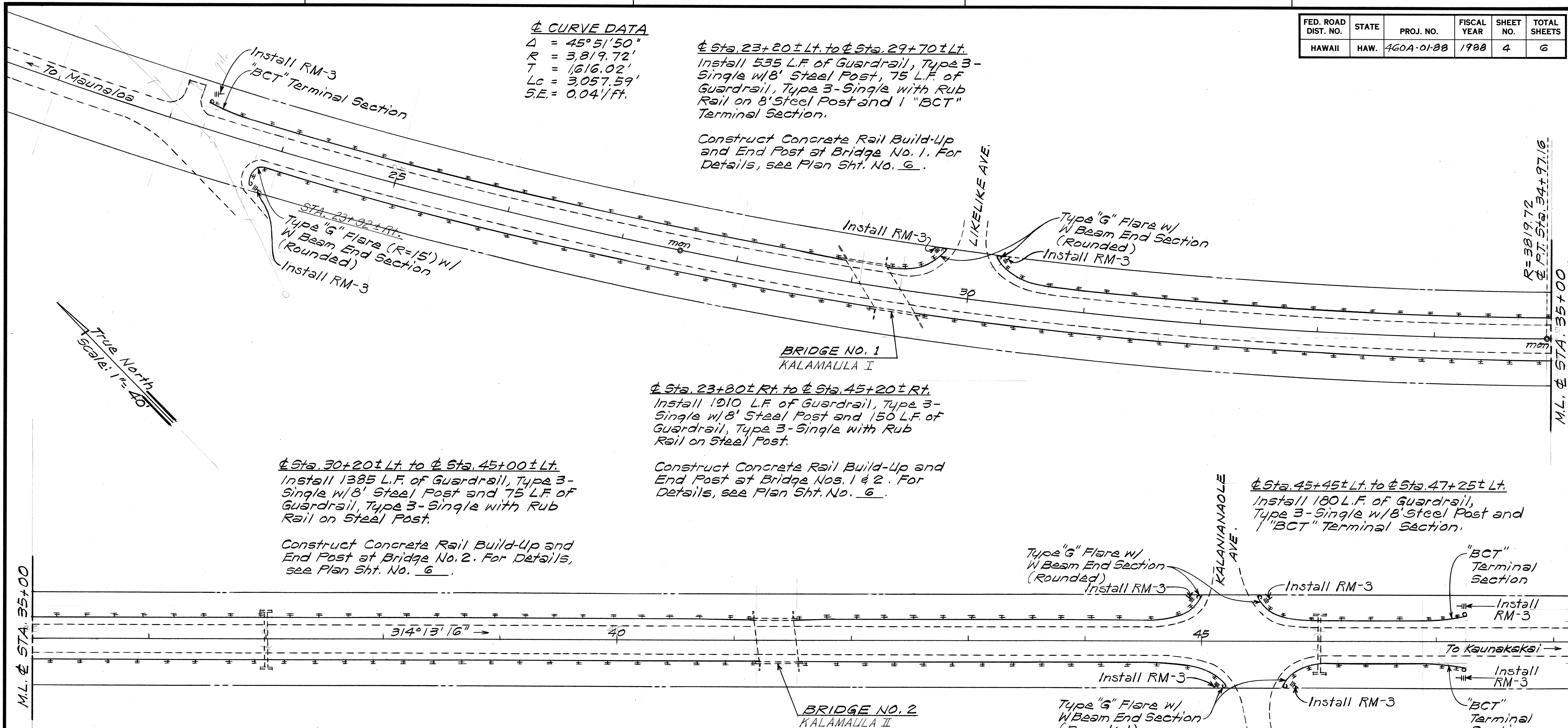
WORK SITE NO. 1

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PLAN
WORK SITE NO. 1
MAUNALO A HIGHWAY
GUARDRAIL IMPROVEMENTS
Proj. No. 460A-01-88
 Scale: 1" = 40' Date: Apr., 1988
 SHEET No. 1 OF 2 SHEETS

AS-BUILT

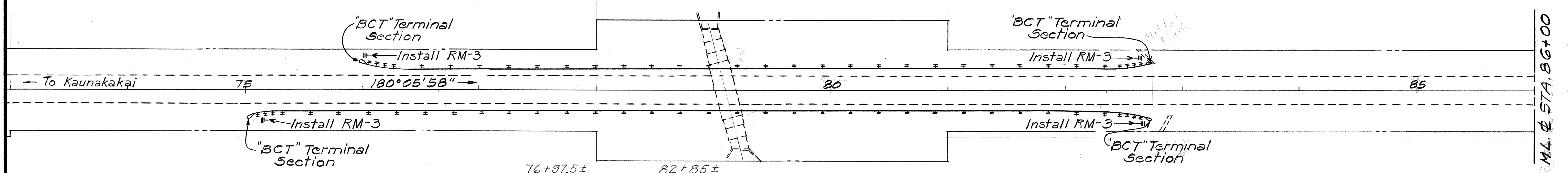
4

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	



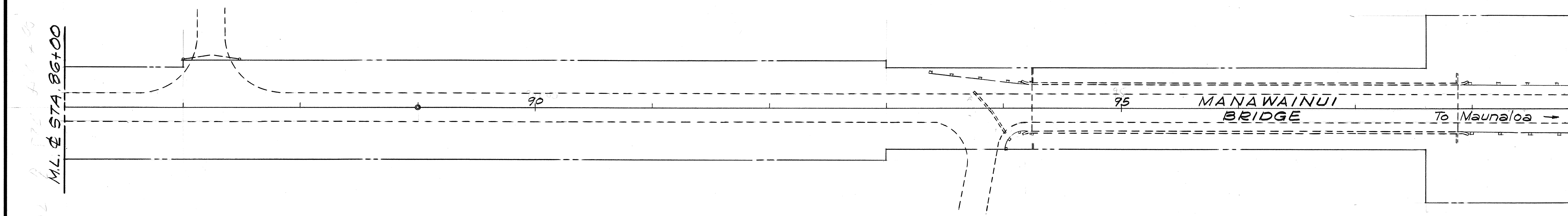
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	460A-01-88	1988	5	6

$75+89\pm$ $81+75\pm$
℄ Sta. ~~76+00±~~ to ℄ Sta. ~~82+75±~~ Lt.
 Remove: Existing Concrete Posts and Guardrail.
 Install: 625 L.F. of Guardrail, Type 3-Single w/8" Steel Posts and 2 "BCT" Terminal Sections.



$76+97.5\pm$ $82+85\pm$
℄ Sta. ~~75+00±~~ to ℄ Sta. ~~82+75±~~ Rt.
 Remove: Existing Concrete Posts and Guardrail.
 Install: 725 L.F. of Guardrail, Type 3-Single w/8" Steel Posts and 2 "BCT" Terminal Sections.

True North
 Scale: 1"=40'



WORK SITE NO. 2

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PLAN
WORK SITE NO. 2
MAUNALO A HIGHWAY
GUARDRAIL IMPROVEMENTS
Project No. 460A-01-88
 Scale: 1"=40' Date: April, 1988
 SHEET No. 2 OF 2 SHEETS

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