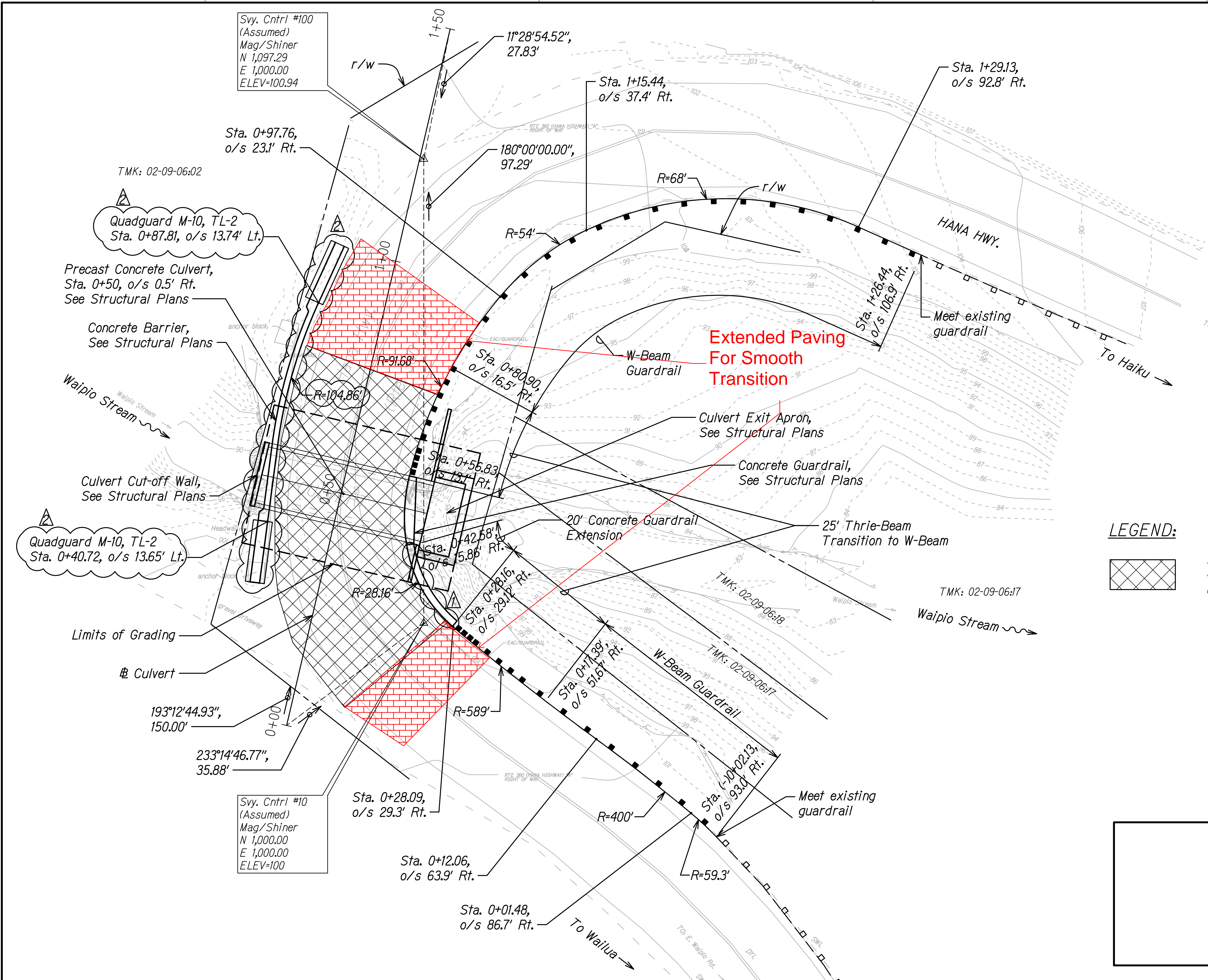
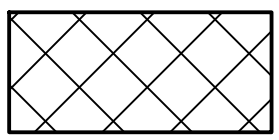


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(001)6	2021	10	52



LEGEND:



3' HMA Mix IV
4" Asphalt Concrete Base
6" Aggregate Base Course

RECORD DRAWINGS

THIS CERTIFIES THAT THIS AS-BUILT
DRAWING ACCURATELY REFLECTS THE
WORK AS CONSTRUCTED IN THE FIELD.

Tanner Hasse

GOODFELLOW BROS., INC.

9/10/21	Adjusted Concrete Barrier
9/01/21	Extended Concrete Barrier
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

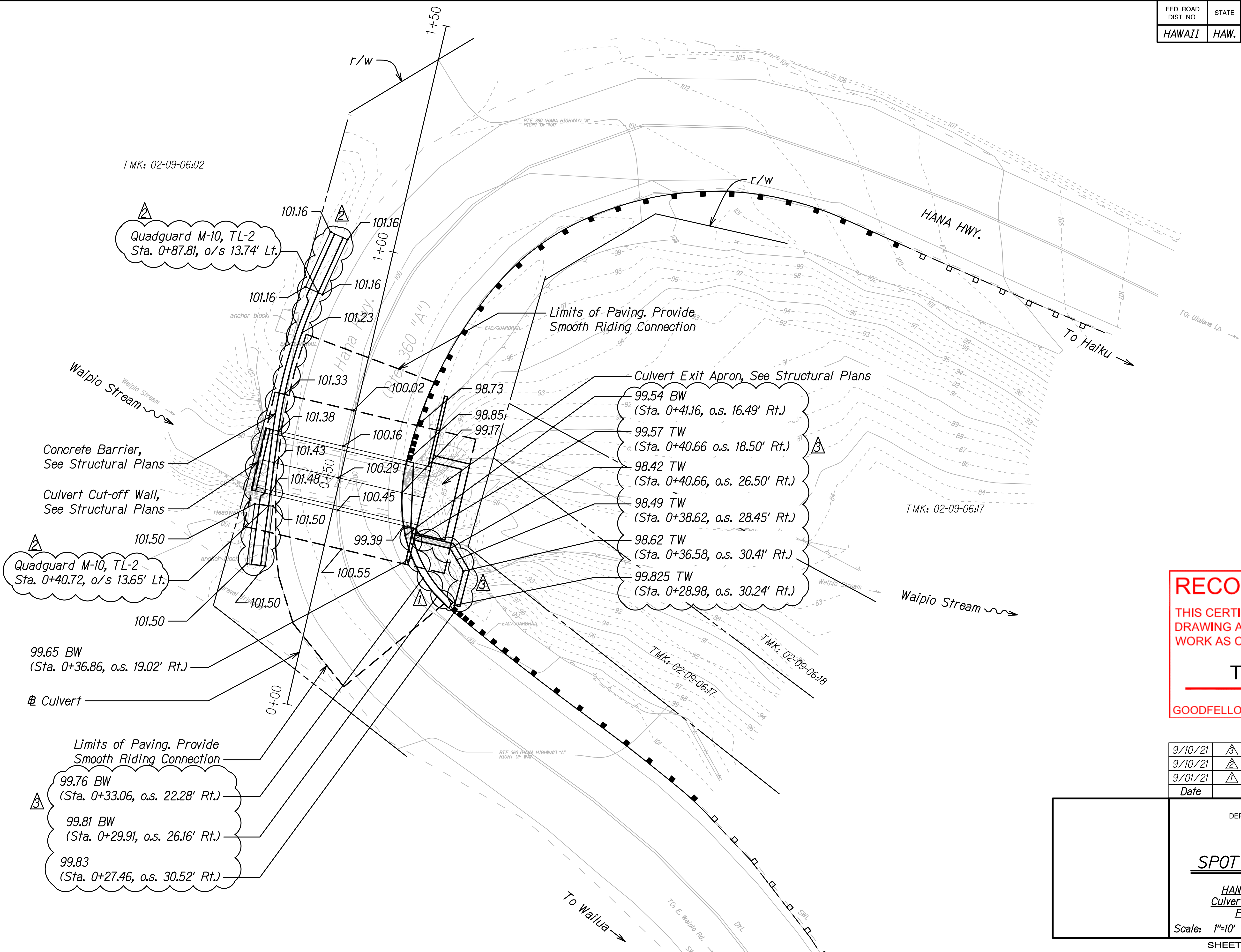
HANA HIGHWAY EMERGENCY
Culvert Repairs at Waipio Stream
Project No. ER-24(001)6

Scale: 1"=10' Date: May 2021

SHEET No. R-1 OF 6 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(001)6	2021	11	52



RECORD DRAWINGS

THIS CERTIFIES THAT THIS AS-BUILT
DRAWING ACCURATELY REFLECTS THE
WORK AS CONSTRUCTED IN THE FIELD.

Tanner Hasse

GOODFELLOW BROS., INC.

9/10/21	Permanent Facing Wall
9/10/21	Adjusted Concrete Barrier
9/01/21	Extended Concrete Barrier
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPOT ELEVATION PLAN

HANA HIGHWAY EMERGENCY
Culvert Repairs at Waipio Stream
Project No. ER-24(001)6

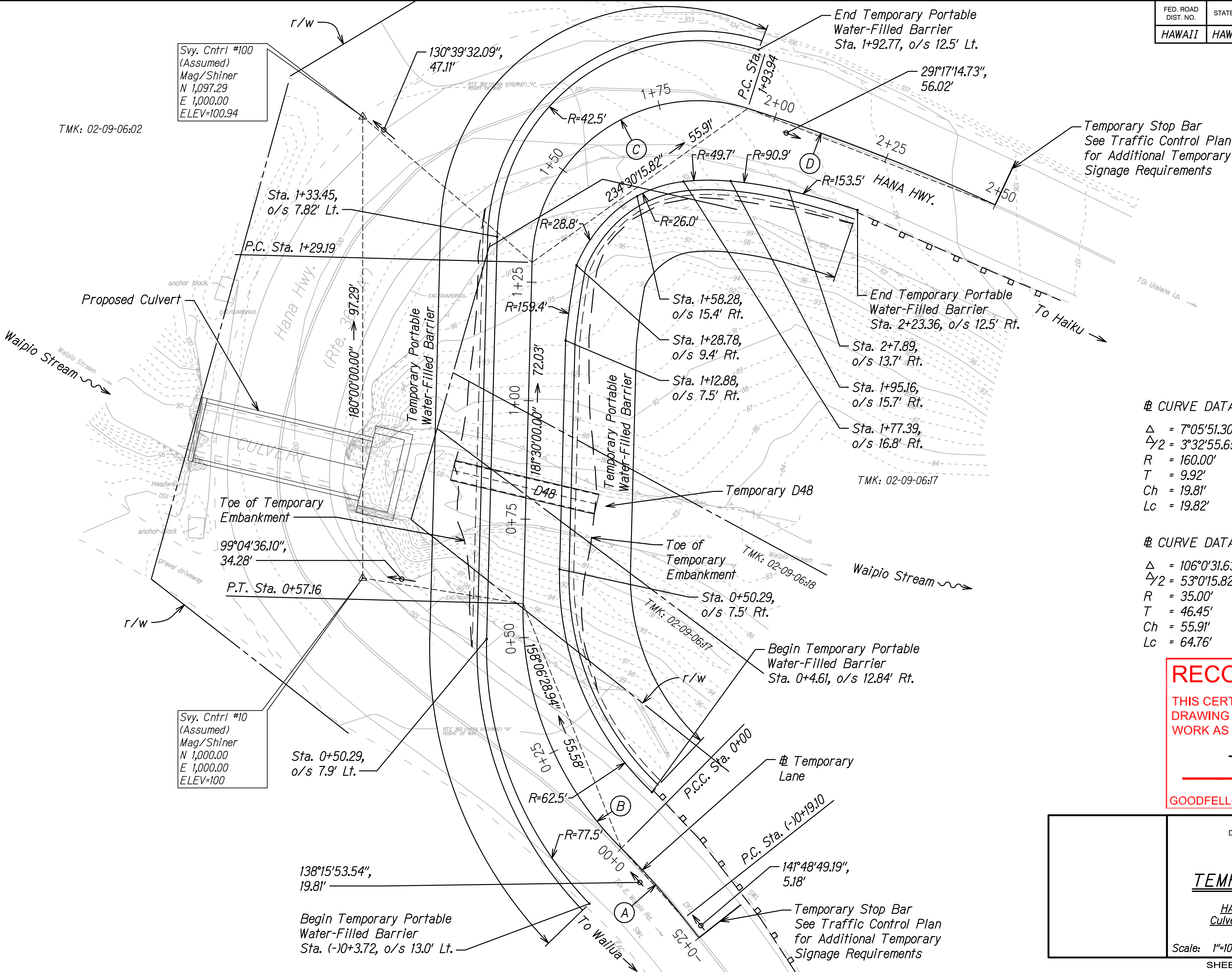
Scale: 1"=10' Date: May 2021

SHEET No. R-2 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(001)6	2021	12	52

TMK: 02-09-06:02

Svy. Cntrl #100
(Assumed)
Mag/Shiner
N 1,097.29
E 1,000.00
ELEV=100.94



# CURVE DATA (A)	# CURVE DATA (B)
$\Delta = 7^{\circ}05'51.30''$	$\Delta = 46^{\circ}47'2.11''$
$\Delta/2 = 3^{\circ}32'55.65''$	$\Delta/2 = 23^{\circ}23'31.06''$
$R = 160.00'$	$R = 70.00'$
$T = 9.92'$	$T = 30.28'$
$Ch = 19.81'$	$Ch = 55.58'$
$Lc = 19.82'$	$Lc = 57.16'$

# CURVE DATA (C)	# CURVE DATA (D)
$\Delta = 106^{\circ}0'31.63''$	$\Delta = 7^{\circ}33'26.19''$
$\Delta/2 = 53^{\circ}0'15.82''$	$\Delta/2 = 3^{\circ}46'43.10''$
$R = 35.00'$	$R = 425.00'$
$T = 46.45'$	$T = 28.07'$
$Ch = 55.91'$	$Ch = 56.02'$
$Lc = 64.76'$	$Lc = 56.06'$

RECORD DRAWINGS

THIS CERTIFIES THAT THIS AS-BUILT
DRAWING ACCURATELY REFLECTS THE
WORK AS CONSTRUCTED IN THE FIELD.

Tanner Hasse

GOODFELLOW BROS., INC.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

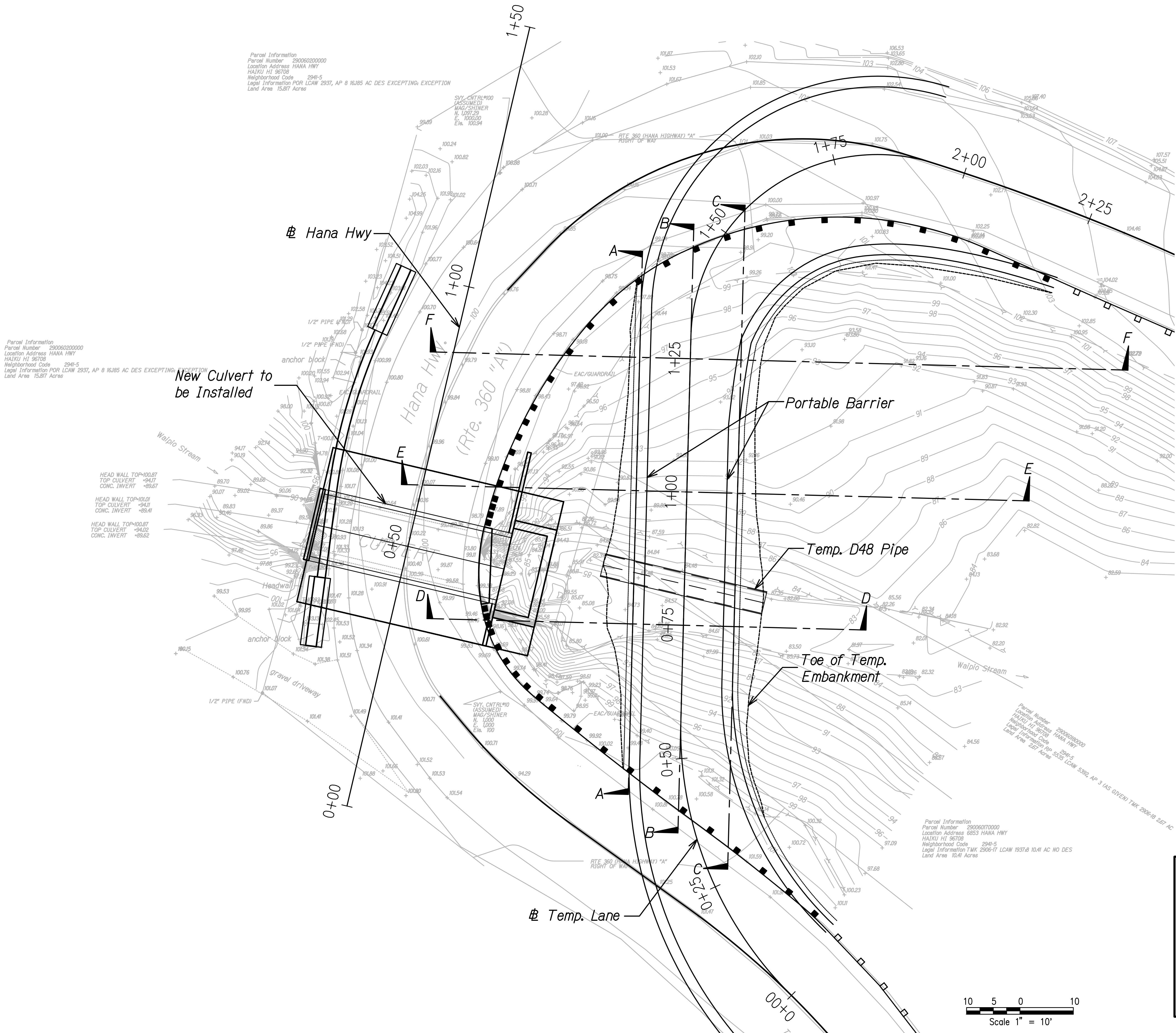
TEMPORARY LANE PLAN

HANA HIGHWAY EMERGENCY
Culvert Repairs at Waipio Stream
Project No. ER-24(001)6

Scale: 1"=10' Date: May 2021

SHEET No. R-3 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(001)6	2021	13	52



RECORD DRAWINGS

THIS CERTIFIES THAT THIS AS-BUILT
DRAWING ACCURATELY REFLECTS THE
WORK AS CONSTRUCTED IN THE FIELD.

Tanner Hasse

GOODFELLOW BROS., INC.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TEMPORARY LANE
PROFILE & SECTION LAYOUT PLAN
HANA HIGHWAY EMERGENCY
Culvert Repairs at Walpio Stream
Project No. ER-24(001)6

Scale: 1"=10' Date: May 2021

SHEET No. R-4 OF 6 SHEETS

