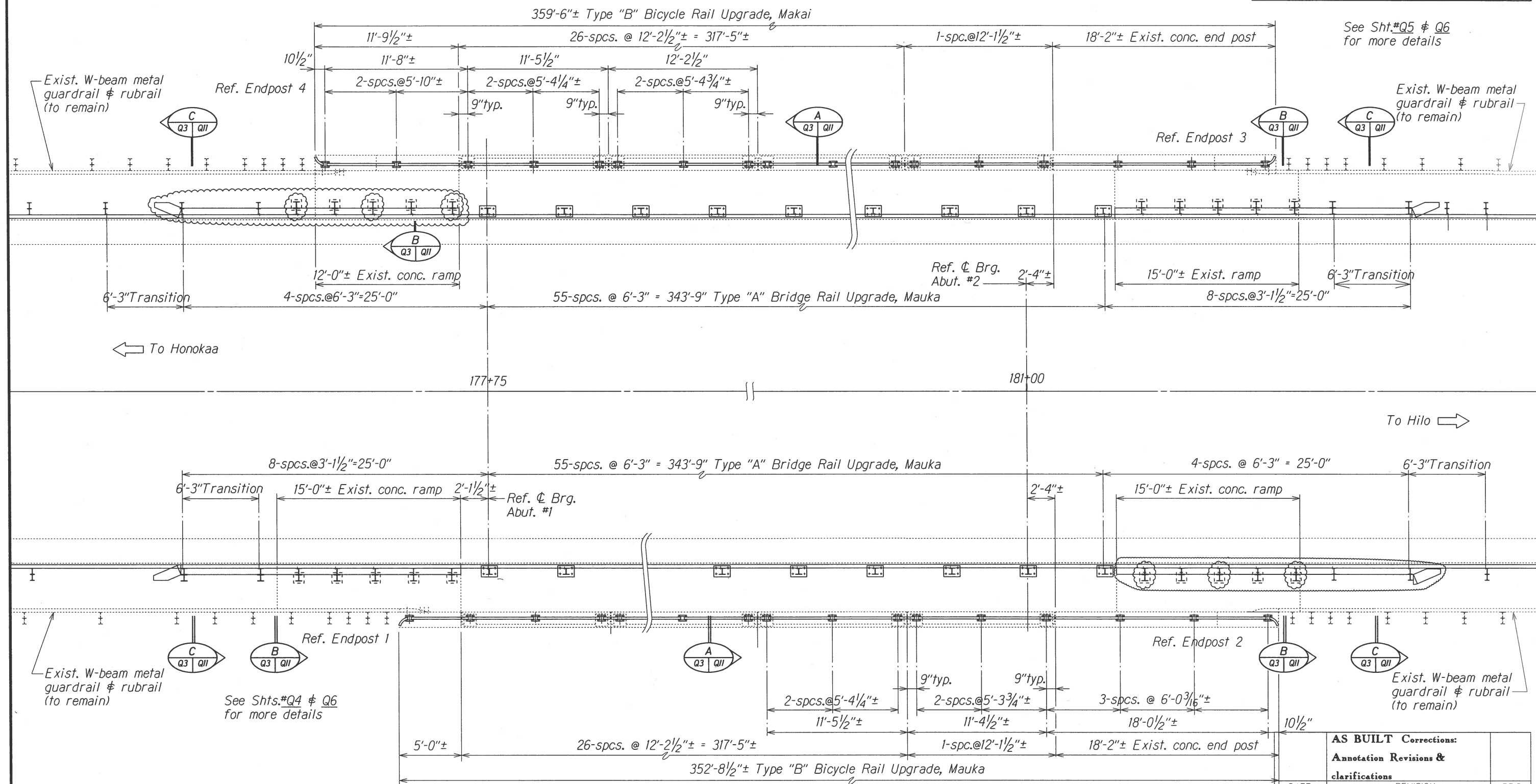


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(71)	2018	XXX	XXX



KALOPA STREAM BRIDGE -- LAYOUT PLAN
TYPE "A" BRIDGE RAIL and TYPE "B" BICYCLE RAIL UPGRADE

AS BUILT Corrections:		
Annotation Revisions & clarifications		
DATE	REVISION	APP'D.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KALOPA STREAM BRIDGE

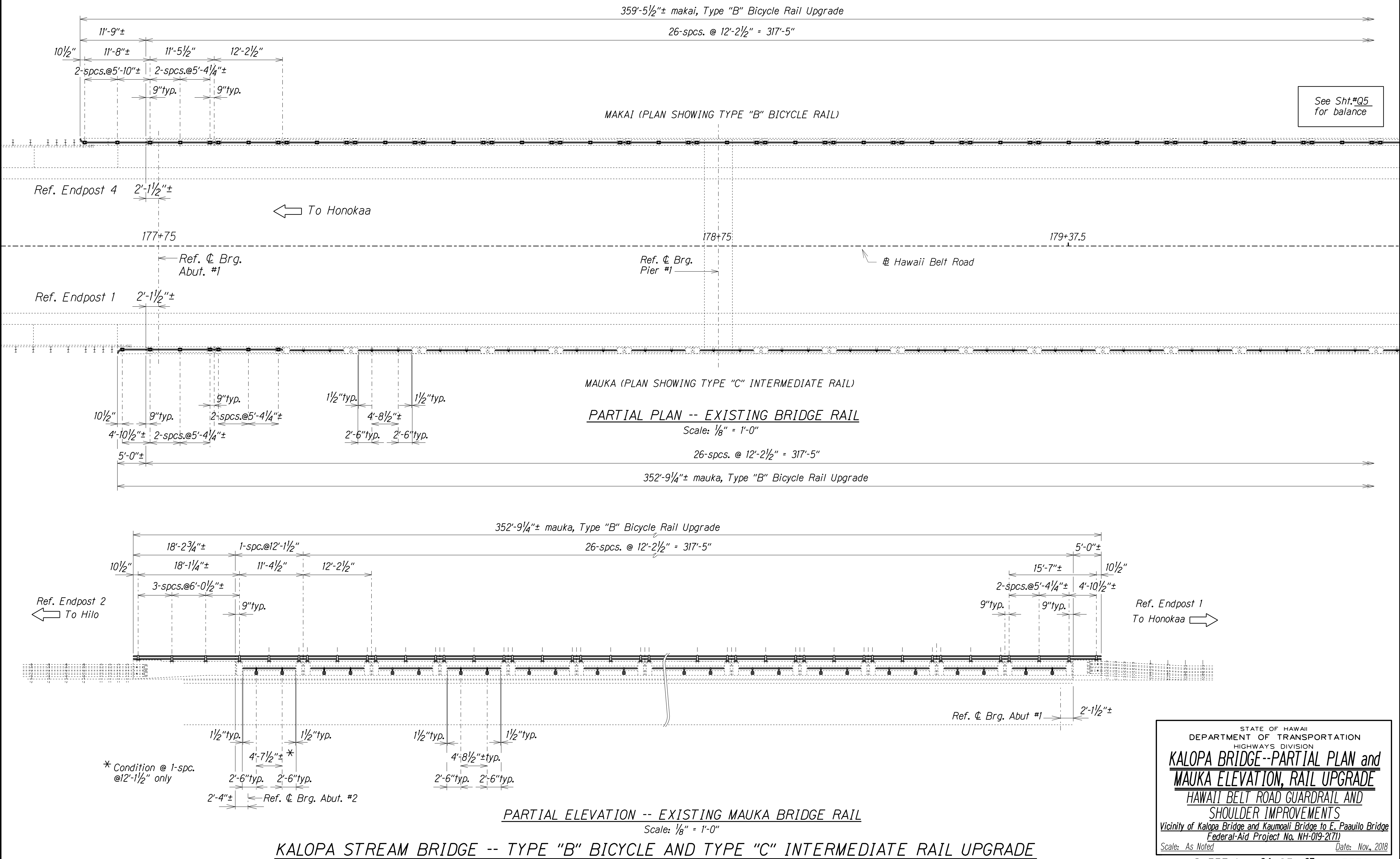
LAYOUT PLAN -- TYPE "A" BRIDGE RAIL and
TYPE "B" BICYCLE RAIL UPGRADE

HAWAII BELT ROAD GUARDRAIL and SHOULDER IMPROVEMENTS
Vicinity of Kalopa Bridge and Kaunaloa Bridge to E. Paauilo Bridge
Fed. Aid Project No. NH-019-2(71)

Scale: As Noted Date: Nov, 1918

SHEET No. 03 OF 27 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(71)	2018	45	68



SURVEY PLOTTED BY	DATE
DRAWN BY	XXX 1991
TRACED BY	XXX 1991
DESIGNED BY	XXX 1991
CHECKED BY	XXX 1991
ORIGINAL PLAN	
NOTE BOOK	
No. XXXXXX	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

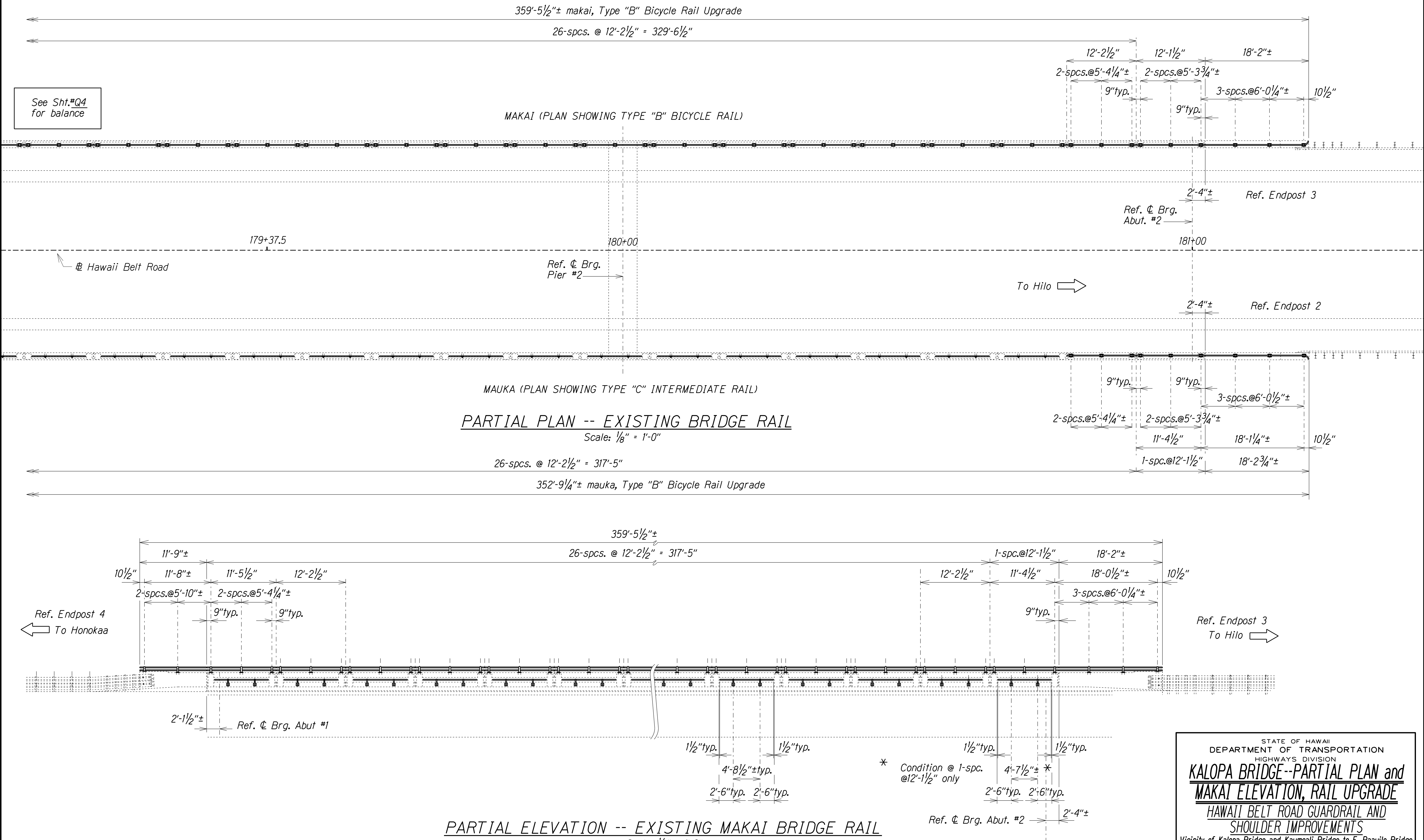
**KALOPA BRIDGE--PARTIAL PLAN and
MAUKA ELEVATION, RAIL UPGRADE**

HAWAII BELT ROAD GUARDRAIL AND
SHOULDER IMPROVEMENTS

Vicinity of Kalopa Bridge and Kaunaloa Bridge to E. Paaulo Bridge
Federal Aid Project No. NH-019-2(71)

Scale: As Noted Date: Nov., 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(71)	2018	46	68



SURVEY PLOTTED BY	DATE
DRAWN BY	XXX 1997
DESIGNED BY	XXX 1997
CHECKED BY	XXX 1997
ORIGINAL PLAN	
NOTE BOOK	
No. XXXXXXXX	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**KALOPA BRIDGE--PARTIAL PLAN and
MAKAI ELEVATION, RAIL UPGRADE**

HAWAII BELT ROAD GUARDRAIL AND
SHOULDER IMPROVEMENTS

Vicinity of Kalopa Bridge and Kaunaloa Bridge to E. Paauilo Bridge
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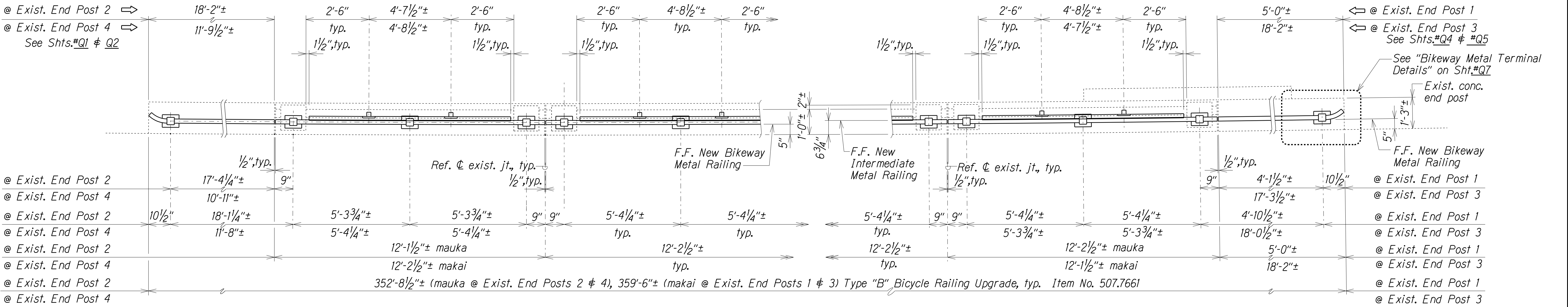
Scale: As Noted Date: Nov., 2018

SHEET No. Q5 OF 27 SHEETS

PARTIAL ELEVATION -- EXISTING MAKAI BRIDGE RAIL
Scale: 1/8" = 1'-0"

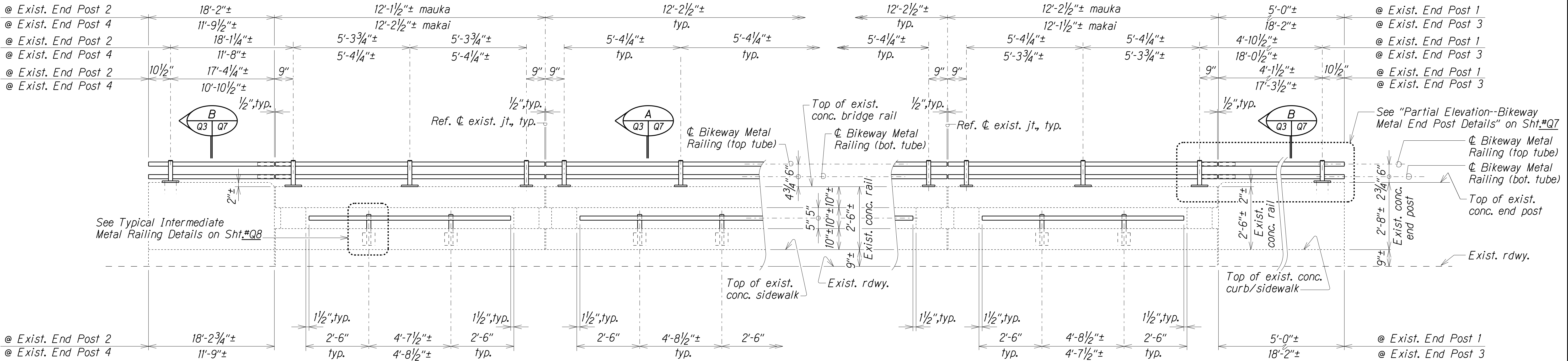
KALOPA STREAM BRIDGE -- TYPE "B" BICYCLE AND TYPE "C" INTERMEDIATE RAIL UPGRADE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(71)	2018	47	68



PLAN

Scale: 1/2" = 1'-0"



ELEVATION

Scale: 1/2" = 1'-0"

KALOPE STREAM BRIDGE -- TYPE "B" BICYCLE and TYPE "C" INTERMEDIATE RAIL UPGRADE

DATE	APR 2018
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
APPROVED BY	

dw4/ds/usa2/ksq/jlu/kalopa/

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KALOPE BRIDGE--PLAN and ELEV., TYPE "B" BICYCLE & TYPE "C" INTERMEDIATE RAIL UPGRADE

HAWAII BELT ROAD GUARDRAIL AND SHOULDER IMPROVEMENTS

Vicinity of Kalope Bridge and Kaunaloa Bridge to E. Paauilo Bridge
Federal-Aid Project No. NH-019-2(71)

Scale: As Noted Date: Nov., 2018