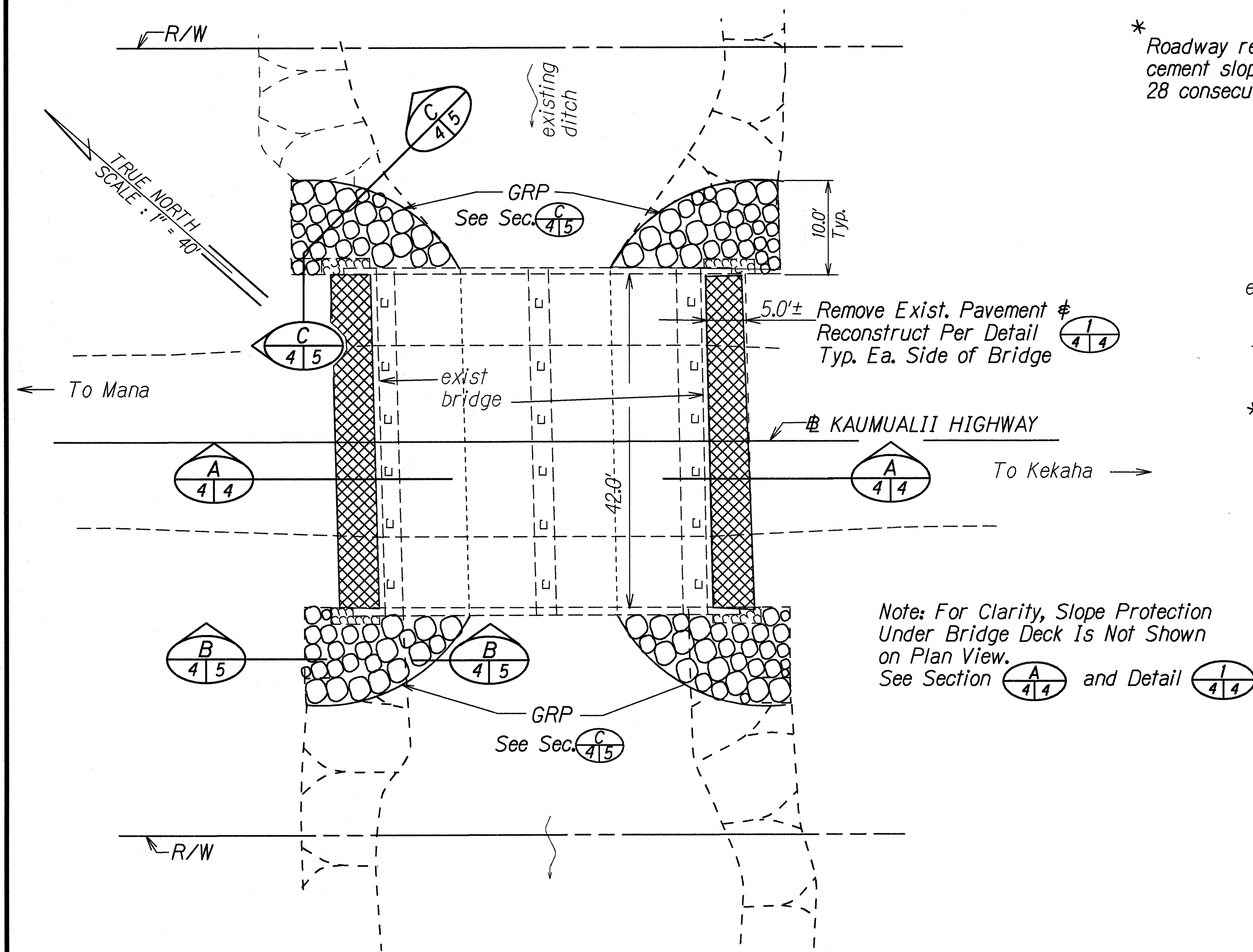
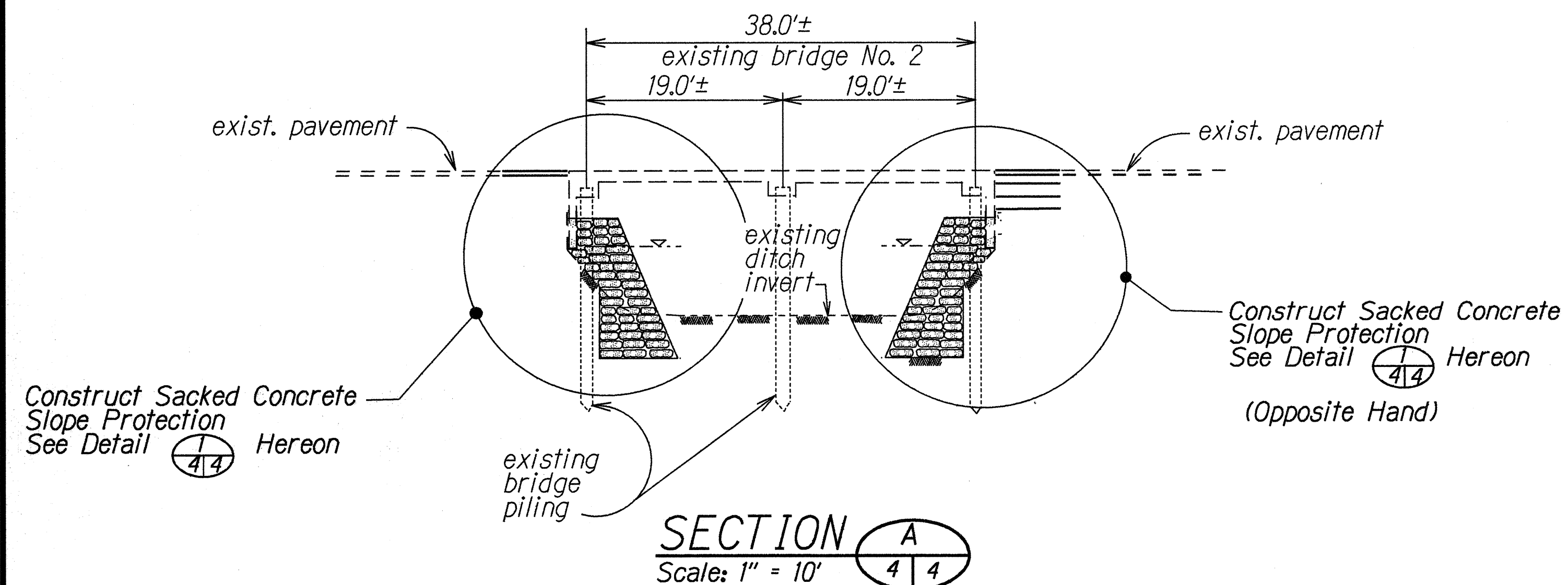


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-02-96M	1997	4	10

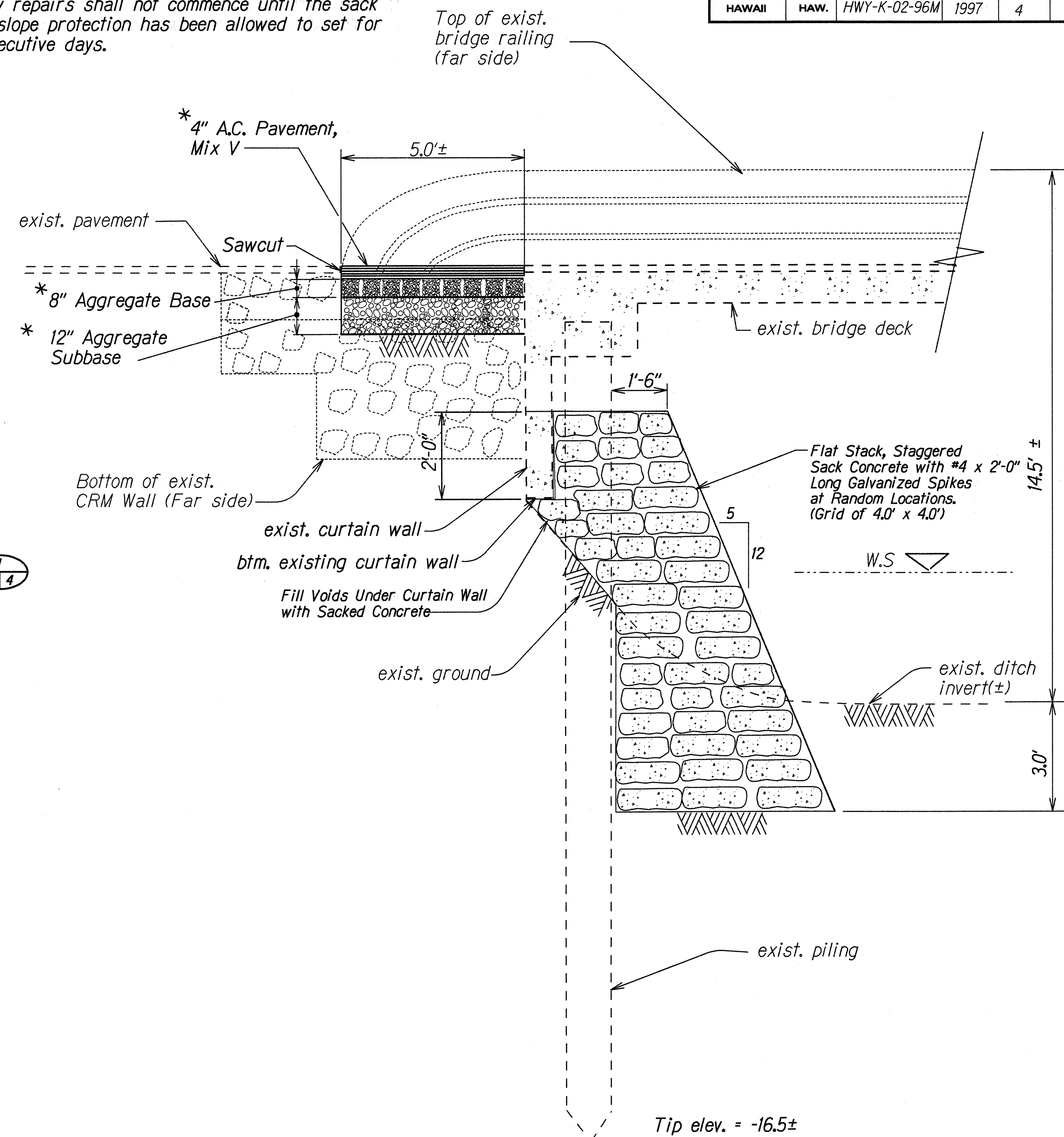


PLAN-BRIDGE NO. 2
KAUMUALII HIGHWAY
 (M.P. 31.21±)
 Scale: 1" = 10'



SECTION A
 Scale: 1" = 10'

* Roadway repairs shall not commence until the sack cement slope protection has been allowed to set for 28 consecutive days.

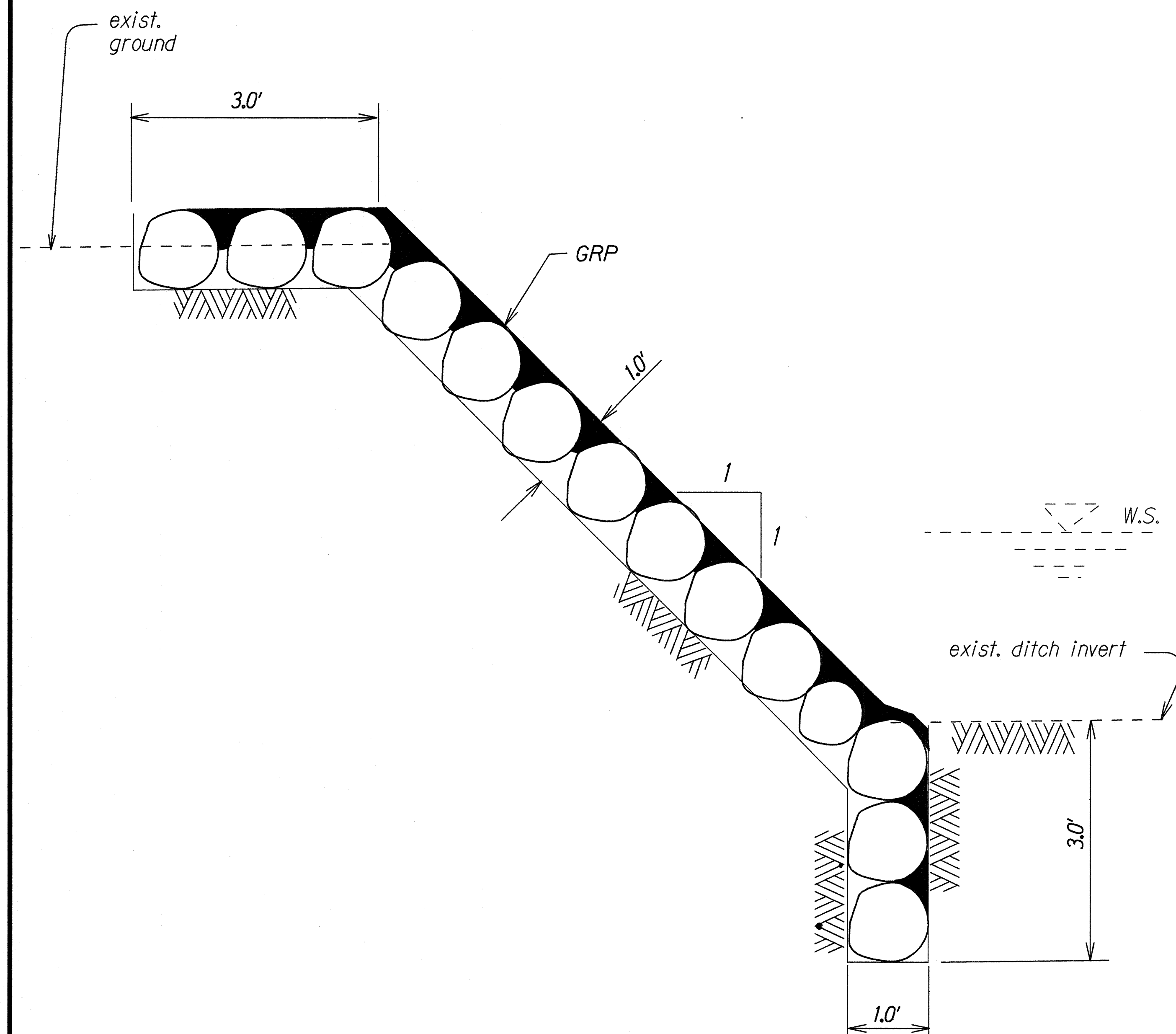


DETAIL I
 Scale: 1/2" = 1'-0'

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
BRIDGE NO. 2-MANA
KAUMUALII HIGHWAY
AND
KUHIO HIGHWAY
STORM DAMAGE REPAIRS
AT
VARIOUS LOCATIONS
 Project No. HWY-K-02-96M

Scale: As Shown Date: April, 1997
 SHEET No. 1 OF 2 SHEETS

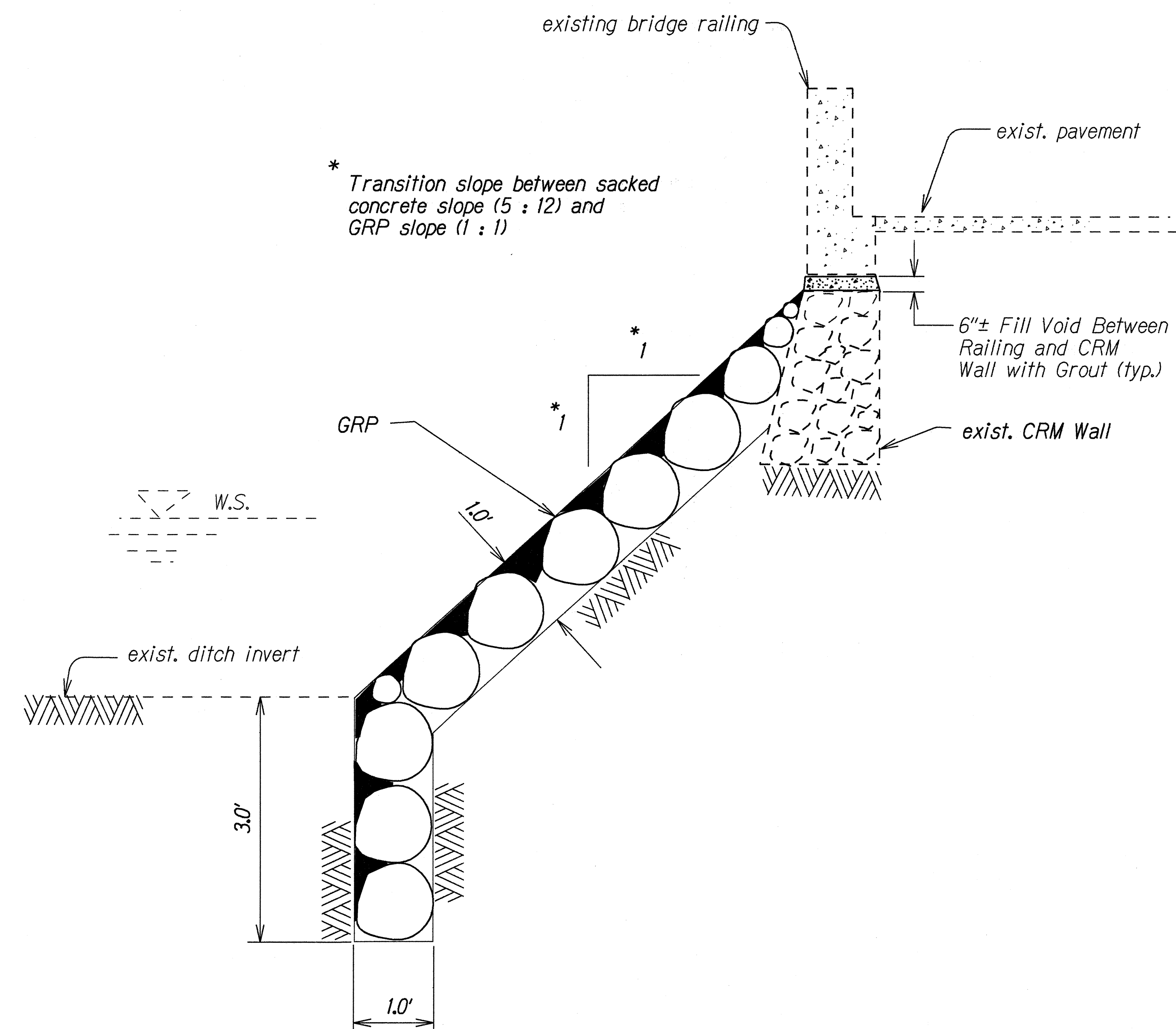
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-02-96M	1997	5	10



SECTION B
Scale: 4" = 4'-0"

Notes:

1. Contractor shall construct temporary bulkheads as required to construct GRP slope protection system.
2. Sections shown hereon are typical for all four corners of bridge.
3. For Sacked Concrete Specifications, See Special Provisions, Section 660-Sacked Concrete Wall



SECTION C
Scale: 1" = 1'-0"

**** Estimated Quantities:**

GRP = 40 CY
A.C, Mix V = 11 T.
Aggregate Base = 11 CY
Aggregate Subbase = 16 CY
*** Roadway Excavation = 32 CY
Structural Excavation = 70 CY

** Contractor shall verify all quantities noted hereon.

*** Roadway excavation shall be paid for according to Section 651 - Reconstruction of Weakened Pavement Areas.

DATE	1/96
DESIGNED BY	...
CHECKED BY	...
APPROVED BY	...
NOTED BY	...
QUANTITIES BY	...
ORIGINAL PLAN	...

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
BRIDGE NO. 2-MANA
KAUMUALII HIGHWAY
AND
KUHIO HIGHWAY
STORM DAMAGE REPAIRS
AT
VARIOUS LOCATIONS
Project No. HWY-K-02-96M
Scale: As Shown Date: April, 1997
SHEET No. 2 OF 2 SHEETS