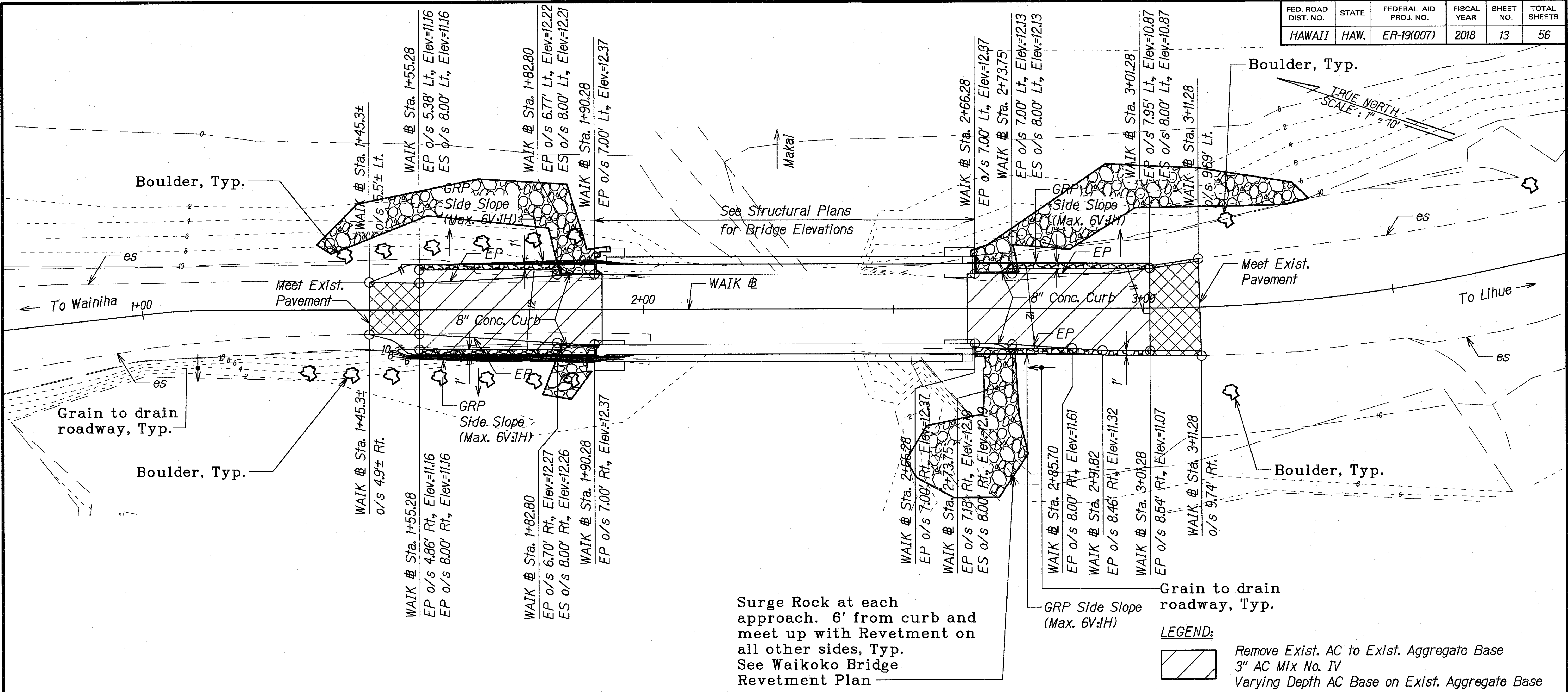


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-19(007)	2018	13	56



SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

T:\16553A-EMERGENCY FLOOD REPAIR\CADD\SHEETS\RC-3.dgn

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

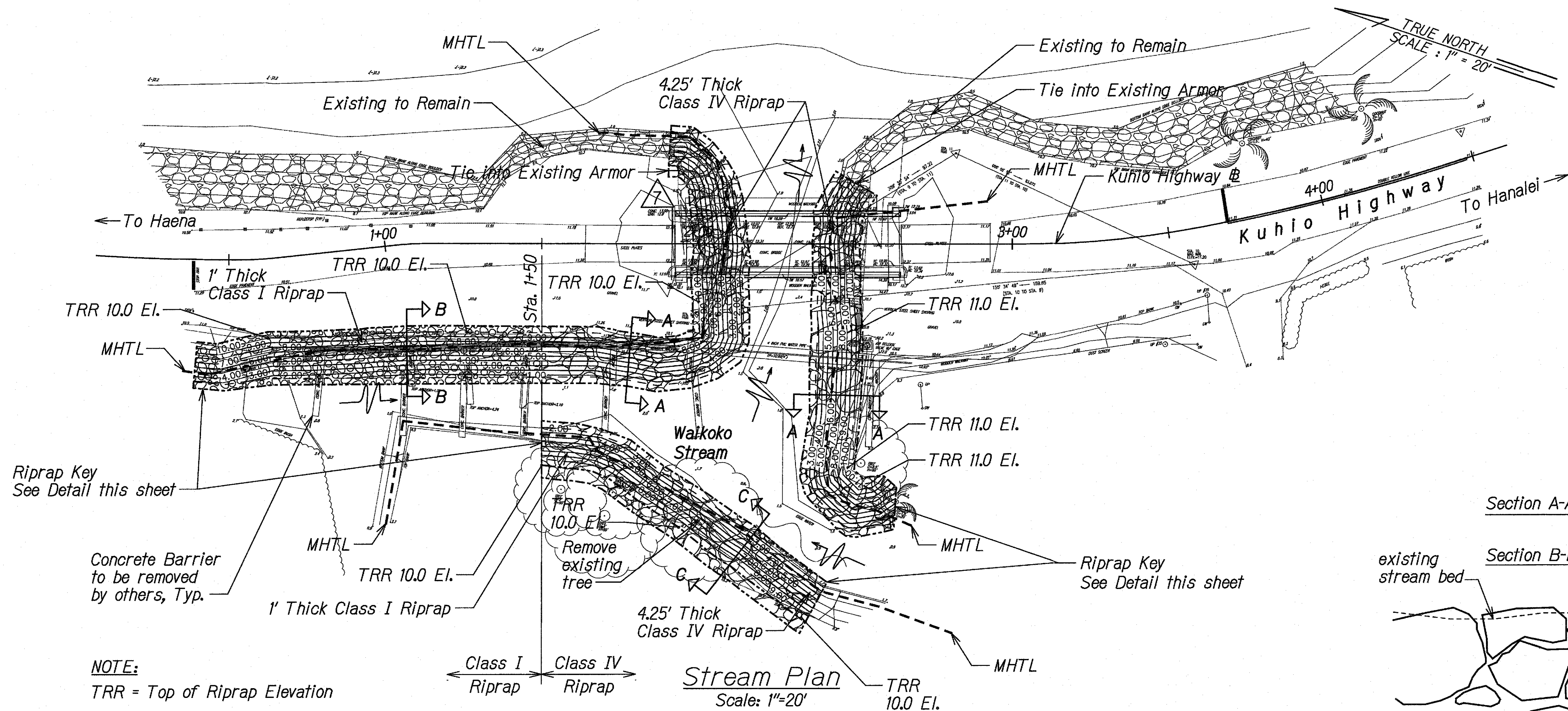


LEGEND:	
	Remove Exist. AC to Exist. Aggregate Base 3" AC Mix No. IV Varying Depth AC Base on Exist. Aggregate Base
	2" Cold Plane 2" AC Mix No. IV
	GRP Side Slope

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIKOKO STREAM BRIDGE
ROADWAY PLAN
KAUAI EMERGENCY FLOOD REPAIRS & CLEANUP
At Various Locations April 2018, Rte. 560
Fed. Aid Proj. No. ER-19(007)
Scale: 1"=10' Date: Oct. 2018

SHEET No. R-2 OF 2 SHEETS



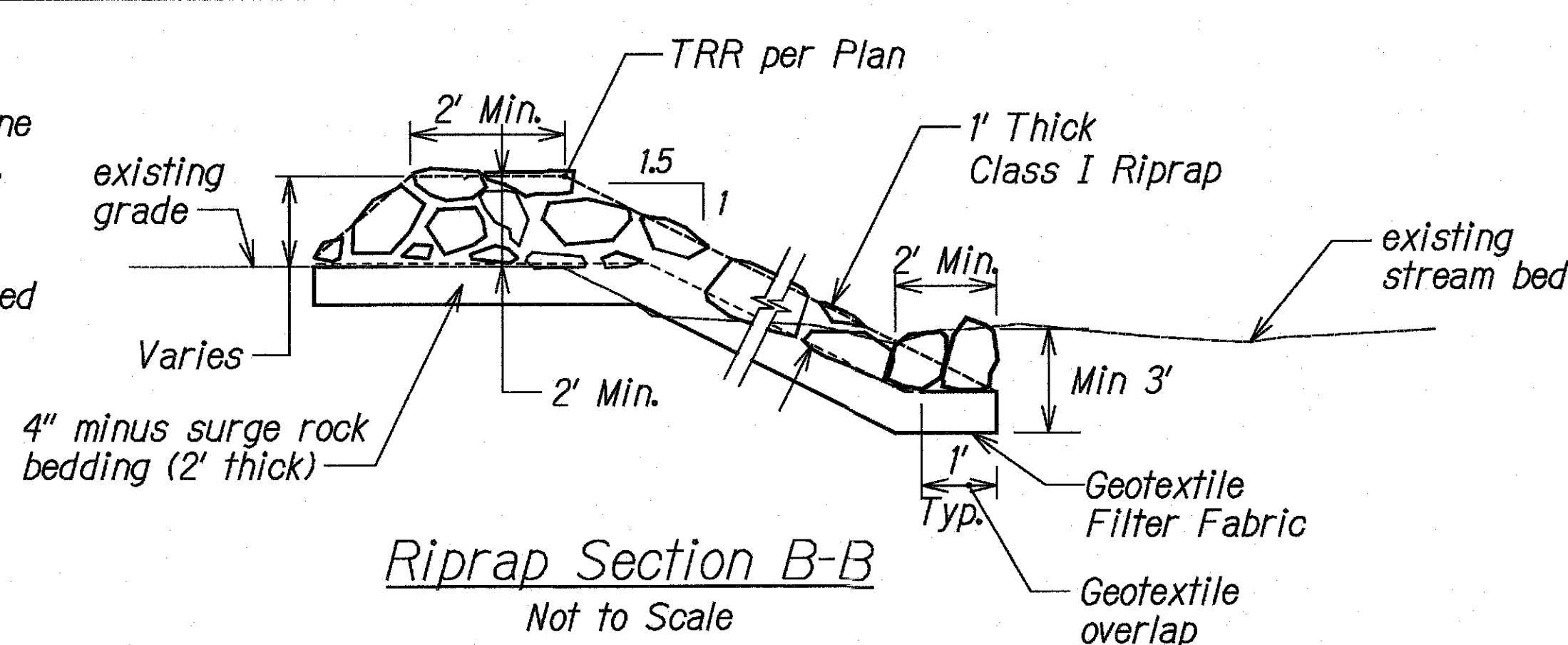
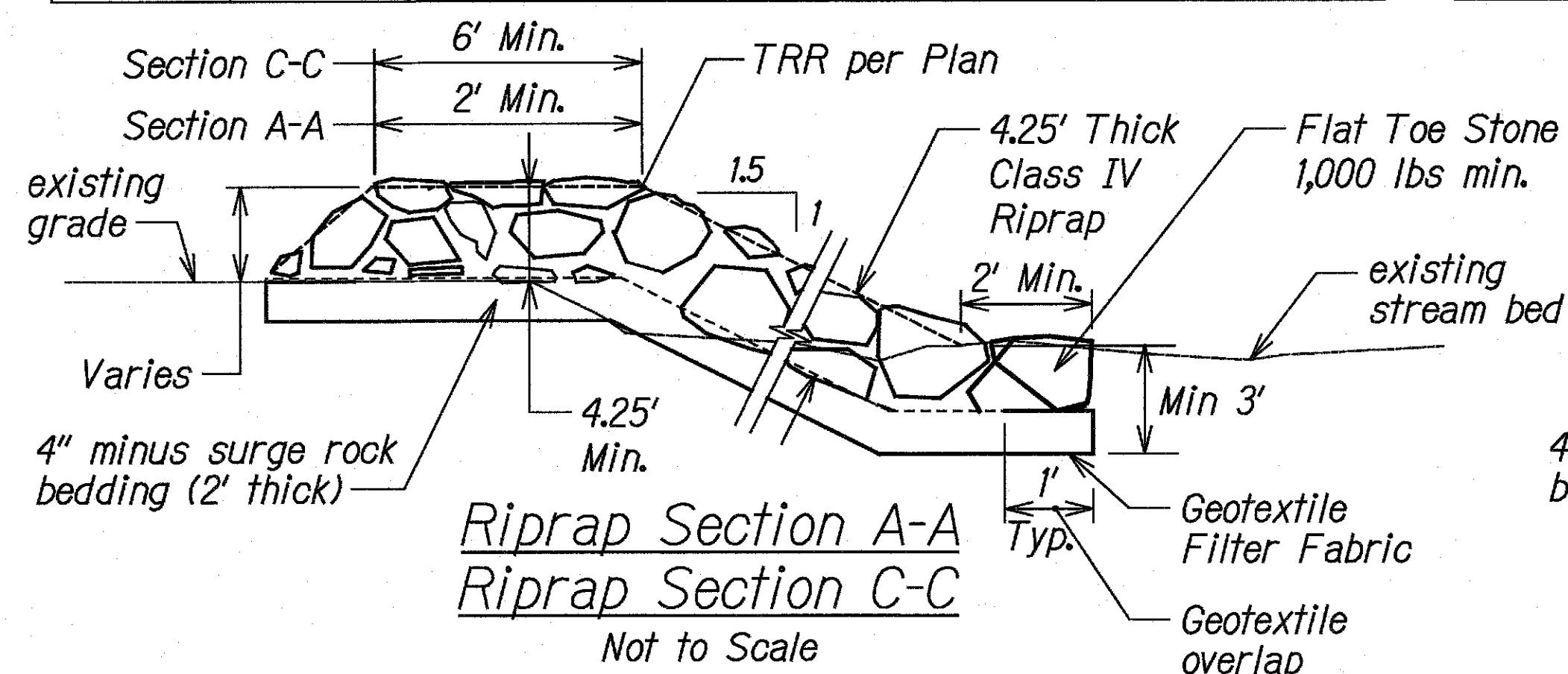
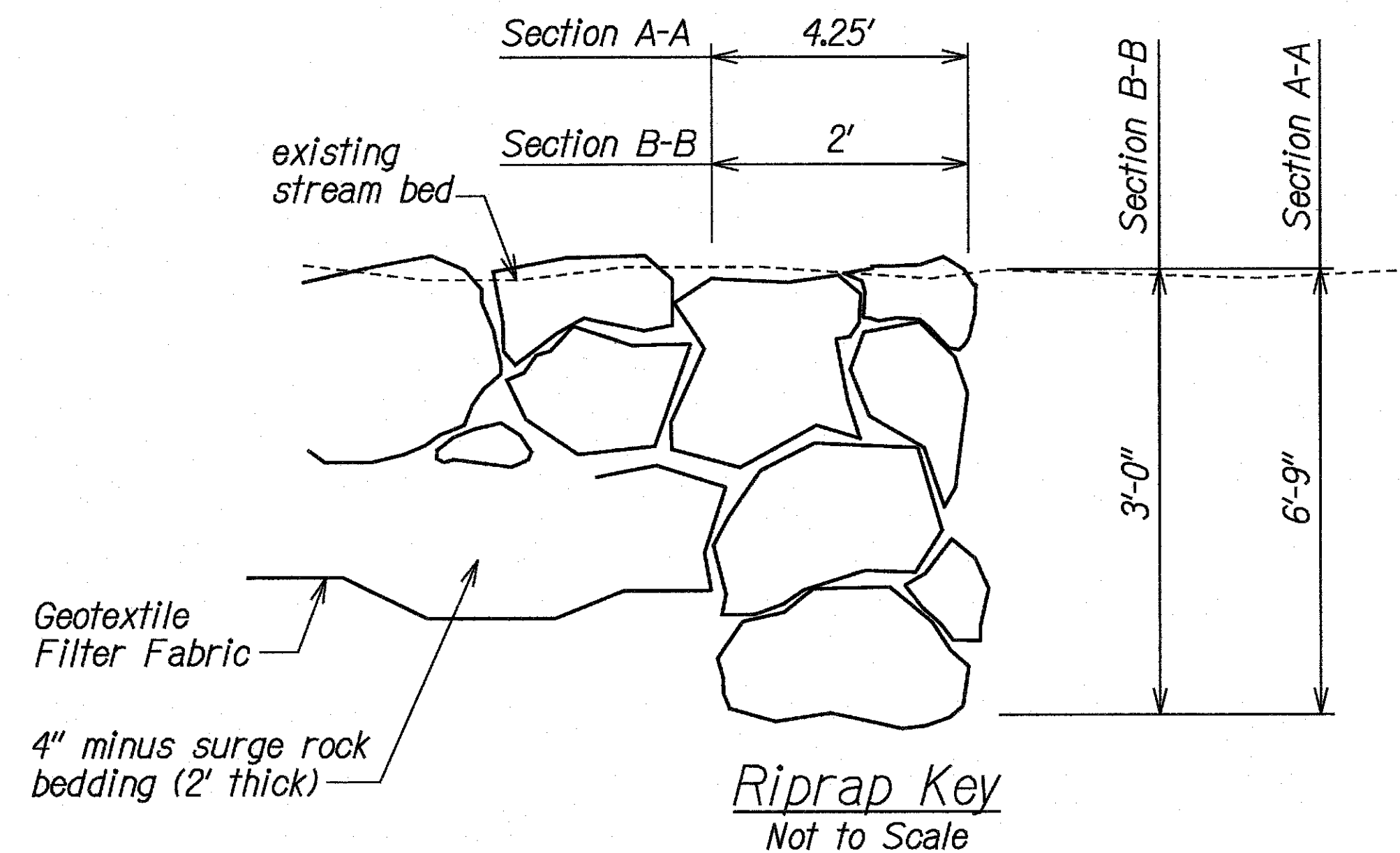
NOTE:
TRR = Top of Riprap Elevation

Size gradations for classes of riprap

Nominal Riprap Class by Median Particle Diameter		d ₁₅ (in)		d ₅₀ (in)		d ₈₅ (in)		d ₁₀₀ (in)
Class	Size	Min.	Max.	Min.	Max.	Min.	Max.	Max.
I	6 in.	3.7	5.2	5.7	6.9	7.8	9.2	12.0
IV	15 in.	9.2	13.0	14.5	17.5	19.5	23.0	30.0

Weight gradations for classes of riprap

Nominal Riprap Class by Median Particle Weight		W ₁₅ (lb)		W ₅₀ (lb)		W ₈₅ (lb)		W ₁₀₀ (lb)
Class	Weight	Min.	Max.	Min.	Max.	Min.	Max.	Max.
I	20 lb	4	12	15	27	39	64	140
IV	300 lb	62	180	240	420	600	1000	2200



11/25/19	Extended Revetment.
9/12/19	Added Sheet.
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIKOKO BRIDGE REVETMENT

KAUAI EMERGENCY FLOOD REPAIRS & CLEANUP
At Various Locations April 2018, Rte. 560
Fed. Aid Proj. No. ER-19(007)

Scale: As Shown Date: Sept. 2019

SHEET No. R-2A OF 2 SHEETS