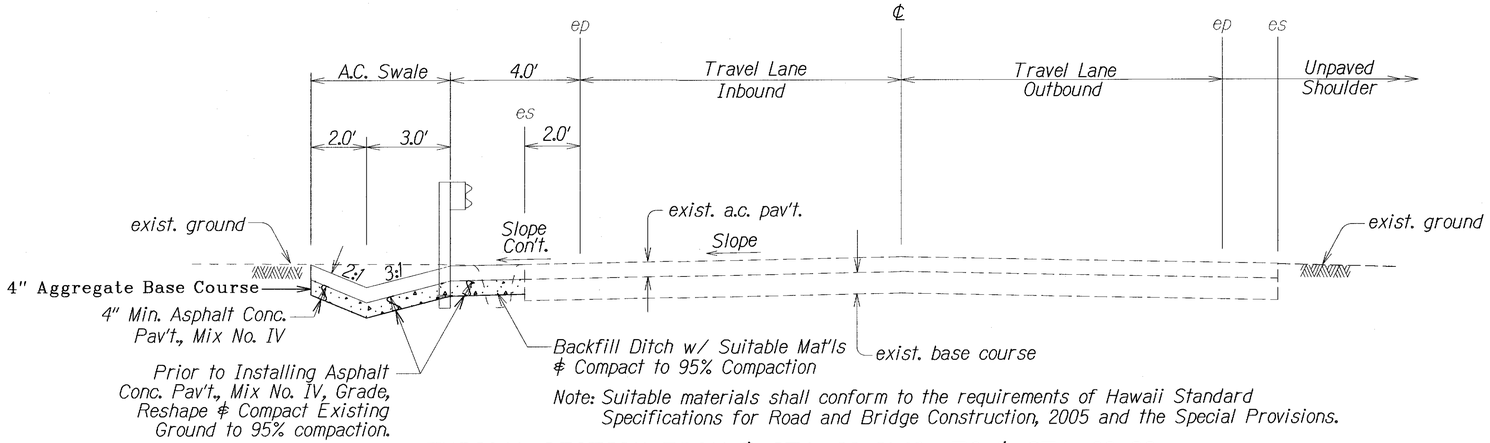
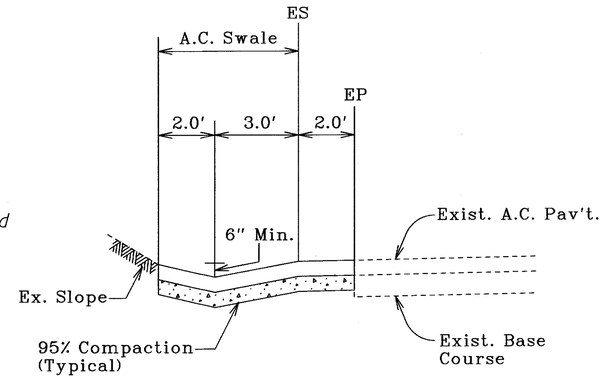
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(063)	2013	6	21

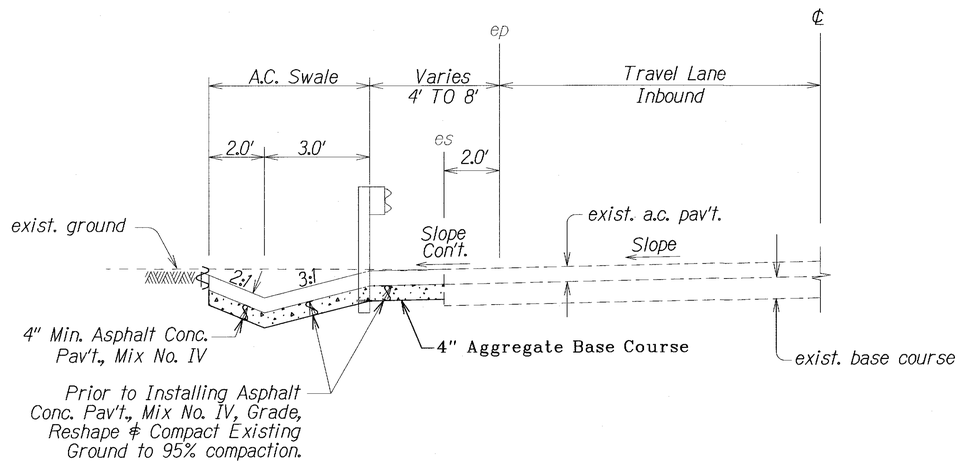


Note: Suitable materials shall conform to the requirements of Hawaii Standard Specifications for Road and Bridge Construction, 2005 and the Special Provisions.

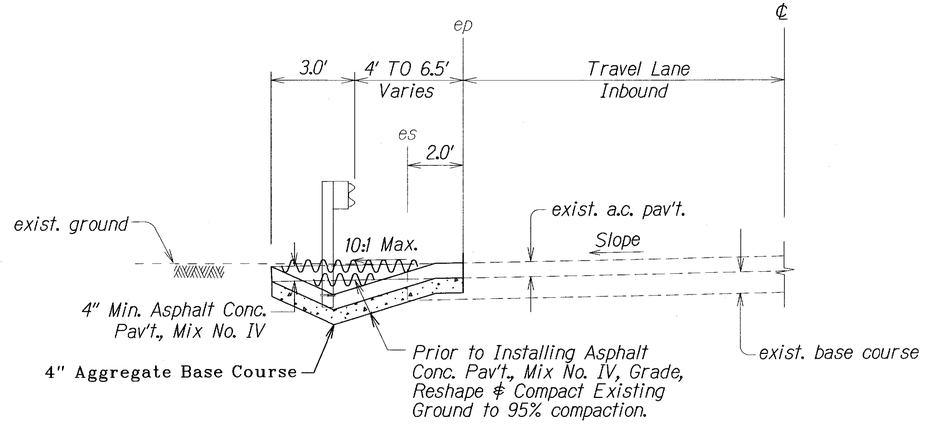
TYPICAL SECTION FROM ℄ STA. 66+61.40± TO ℄ STA. 69+00±
KUAMOO ROAD STA. 65+17



Typical Section ℄ STA. 65+17 to 66+17
Kuamoo Road



TYPICAL SECTION @ END TREATMENT (MODIFIED TYPE "G")
KUAMOO ROAD



(Type "A" Terminal End)

TYPICAL SECTION @ END TREATMENT ~~(FLEAT-350)~~
KUAMOO ROAD

LEGEND FOR AS-BUILT POSTINGS	
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~~100.00~~	Double line for as-built deletion
Roadway	Text for as-built posting

APPROVED:

County Engineer — Date
Department of Public Works
"For Works Within County Right of Way"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

GUARDRAIL AND SHOULDER IMPROVEMENTS AT VARIOUS LOCATIONS

Kaumualii Highway and Kuamoo Road
Fed-Aid Project No. STP-0700(063)

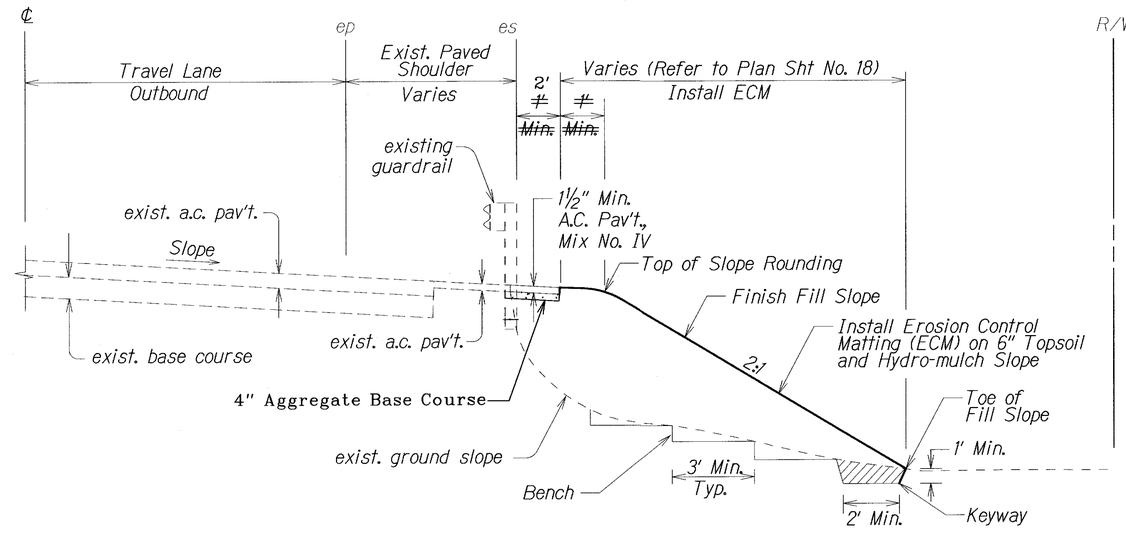
Not to Scale — Date: July 2012

SHEET No. 1 OF 3 SHEETS

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

"AS-BUILT"

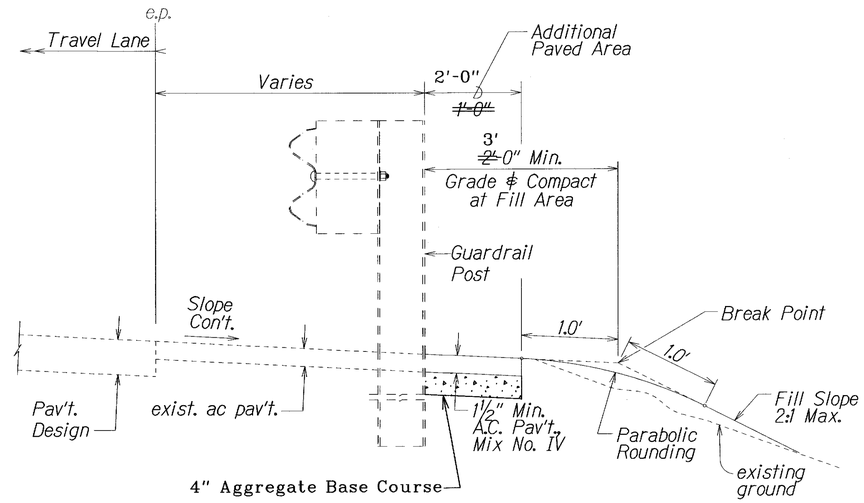
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(063)	2013	7	21



23

TYPICAL SLOPE PROTECTION SECTION (℄ STA. 216+00 - ℄ STA. 217~~+00~~)

KAUMUALII HIGHWAY



23

TYPICAL SECTION (℄ STA 217~~+00~~ - ℄ STA. 218+96.5)

KAUMUALII HIGHWAY

Notes:
1. When standards for the fill slope area cannot be met, a site specific, engineer approved design may be used.
2. Dress and hydro-mulch fill slope areas.
3. Prior to installing asphalt concrete pavement Mix No. IV, level and remove vegetation and compact existing ground to 95% compaction.

Notes:
1. Slope protection should be established as soon as fill or fill slope is completed to reduce erosion potential.
2. The Contractor, at his own expense, shall keep the project area and sorrounding area free from dust nuisance.
3. No Contractor shall perform any grading operations so as to cause falling rocks, soil or debris in any form to fall, slide or flow onto adjoining properties, streets or natural watercourse.
4. No grading work shall be done on Saturdays, Sundays and Holidays.
5. Temporary measures to control erosion and other pollutants shall be placed before any earth moving phase of the grading is initiated. Temporary erosion controls shall not be removed before permanent erosion controls are in placed and established. Temporary erosion control procedures shall be submitted to the Engineer for review and approval. This work shall be considered incidental to various contract items.
6. All trees encoutered during grading operation are to remain and shall be protected from damages during the entire course of the project.
7. Fill materials shall conform to the requirements of Hawaii Standard SpecificatioNs for Road and Bridges, 2005 and the Special Provisions.

LEGEND FOR AS-BUILT POSTINGS	
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~~100.00~~	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

GUARDRAIL AND SHOULDER IMPROVEMENTS AT VARIOUS LOCATIONS

Kaumualii Highway and Kuamoo Road

Fed-Aid Project No. STP-0700(063)

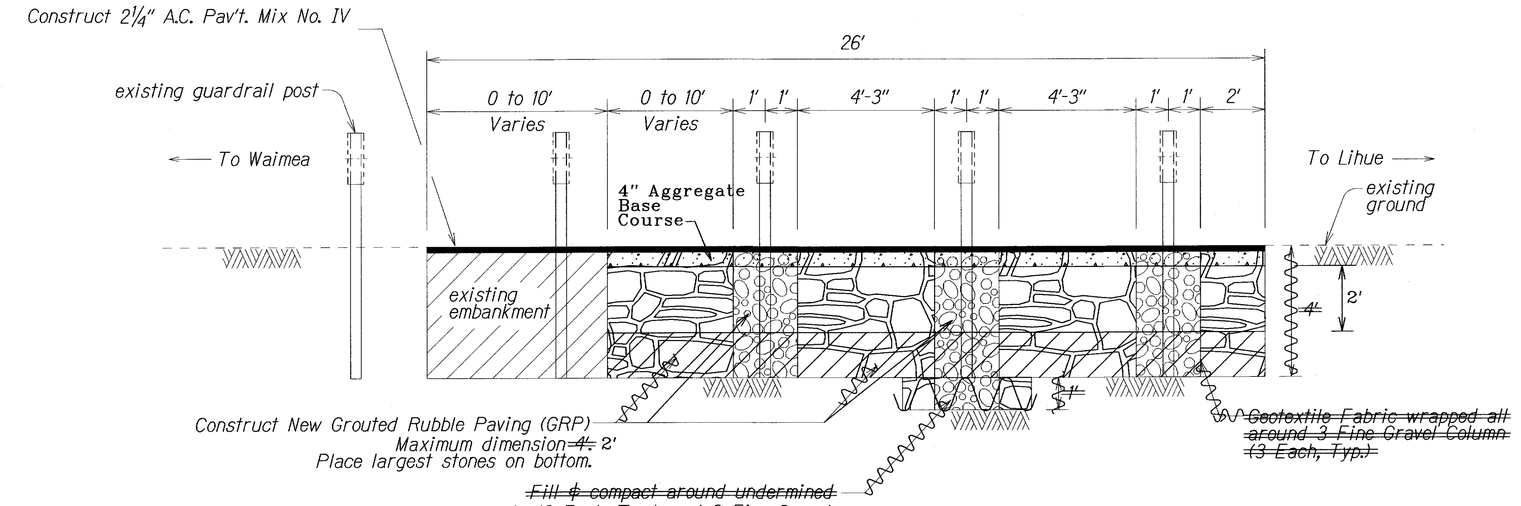
Not to Scale — Date: July 2012

SHEET No. 2 OF 3 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE 7/11
NOTE BOOK	DRAWN BY J.
	TRACED BY
	DESIGNED BY J.
	QUANTITIES BY
	CHECKED BY
No.	

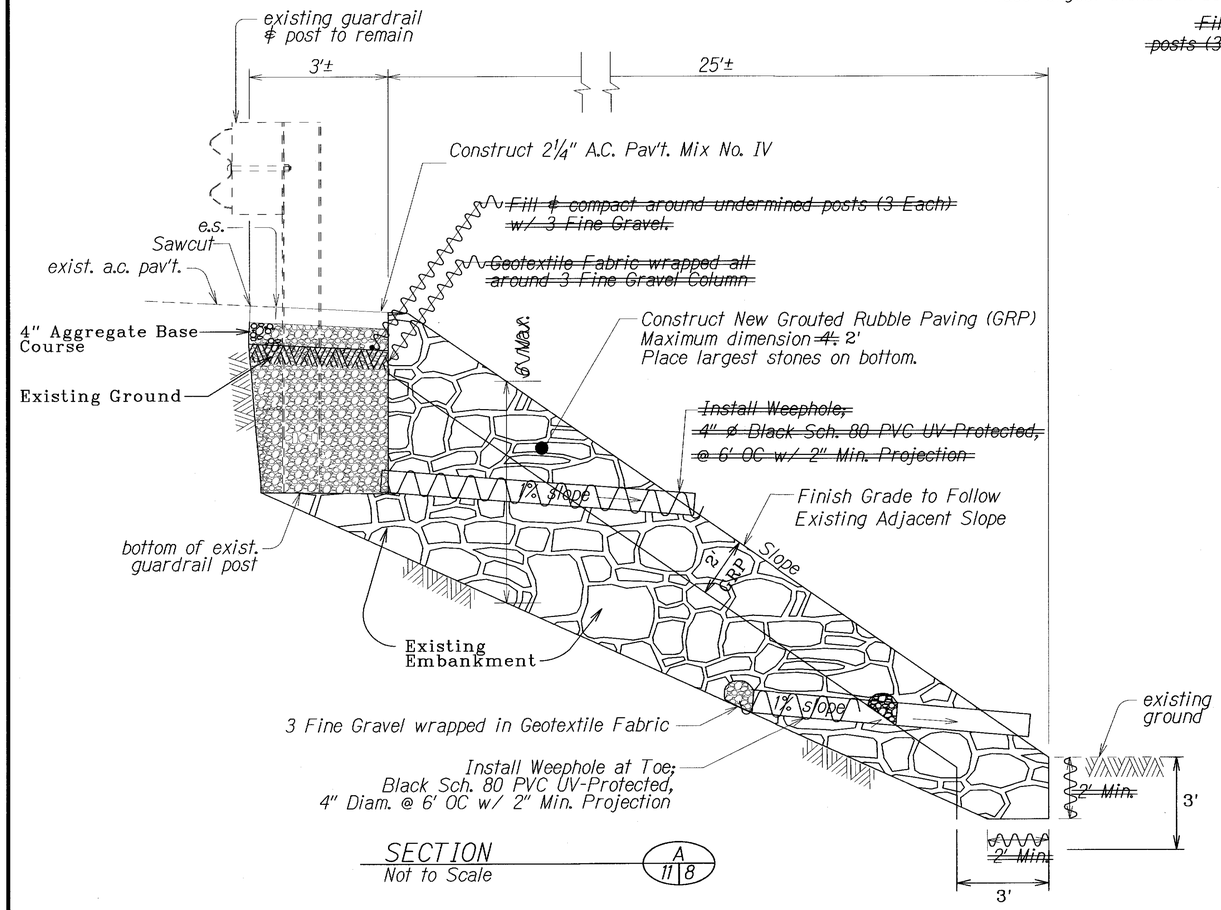
"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(063)	2013	8	21



SECTION
Not to Scale

B
11 | 8



SECTION
Not to Scale

A
11 | 8

Notes:

1. Furnishing of PVC Sch. 80, Geotextile Fabric and 3 Fine Gravel shall be considered incidental to Item No. 612 - Groute Rubble Paving.
2. Installation of weepholes and Geotextile Fabric, sawcutting of a.c. pavement and construction of 3 Fine Gravel shall be considered incidental to Item No. 612 - Groute Rubble Paving.

KAUMUALII HIGHWAY (M.P. 19.4)

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

LEGEND FOR AS-BUILT POSTINGS

~~Squiggly~~	Squiggly line for as-built deletion
~~100.00~~	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

GUARDRAIL AND SHOULDER IMPROVEMENTS AT VARIOUS LOCATIONS

Kaumualii Highway and Kuamoo Road
Fed-Aid Project No. STP-0700(063)

Not to Scale — Date: July 2012

SHEET No. 3 OF 3 SHEETS

"AS-BUILT"