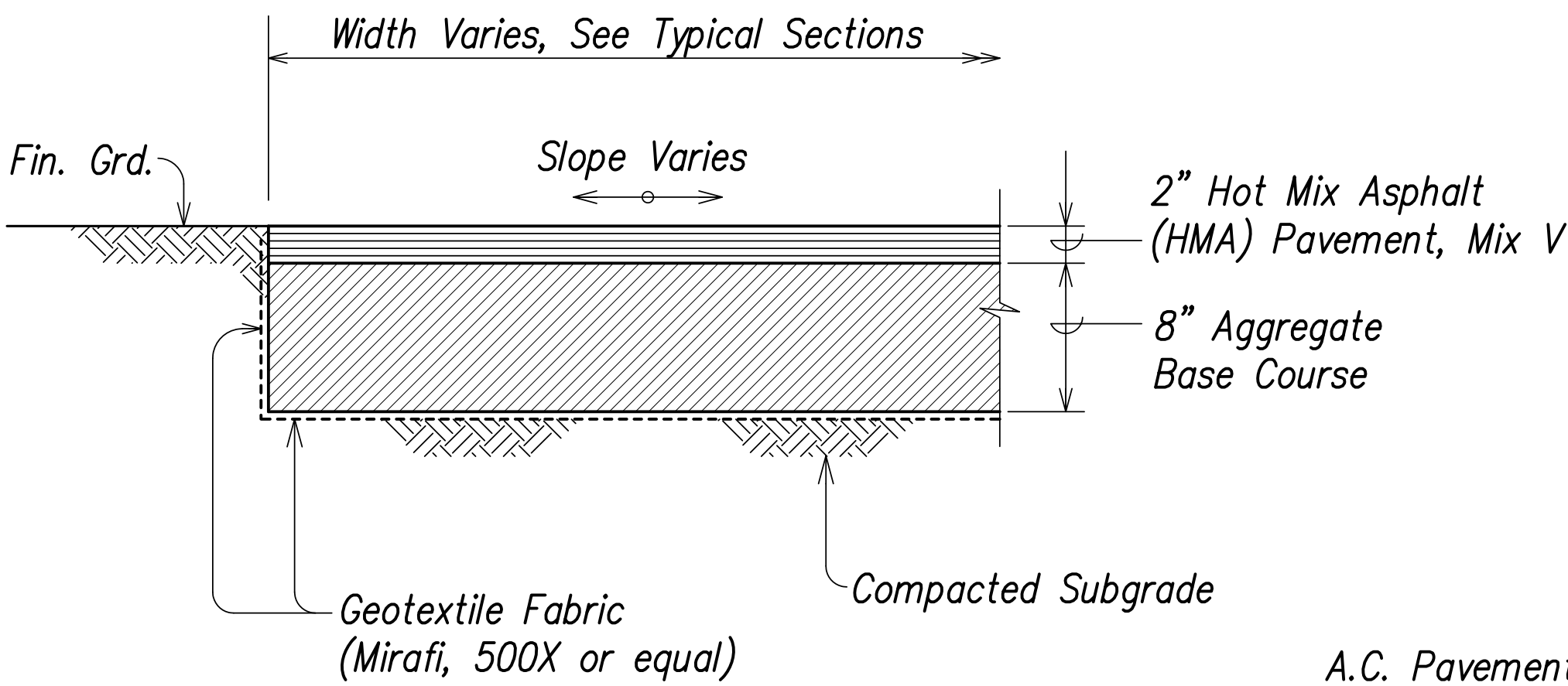


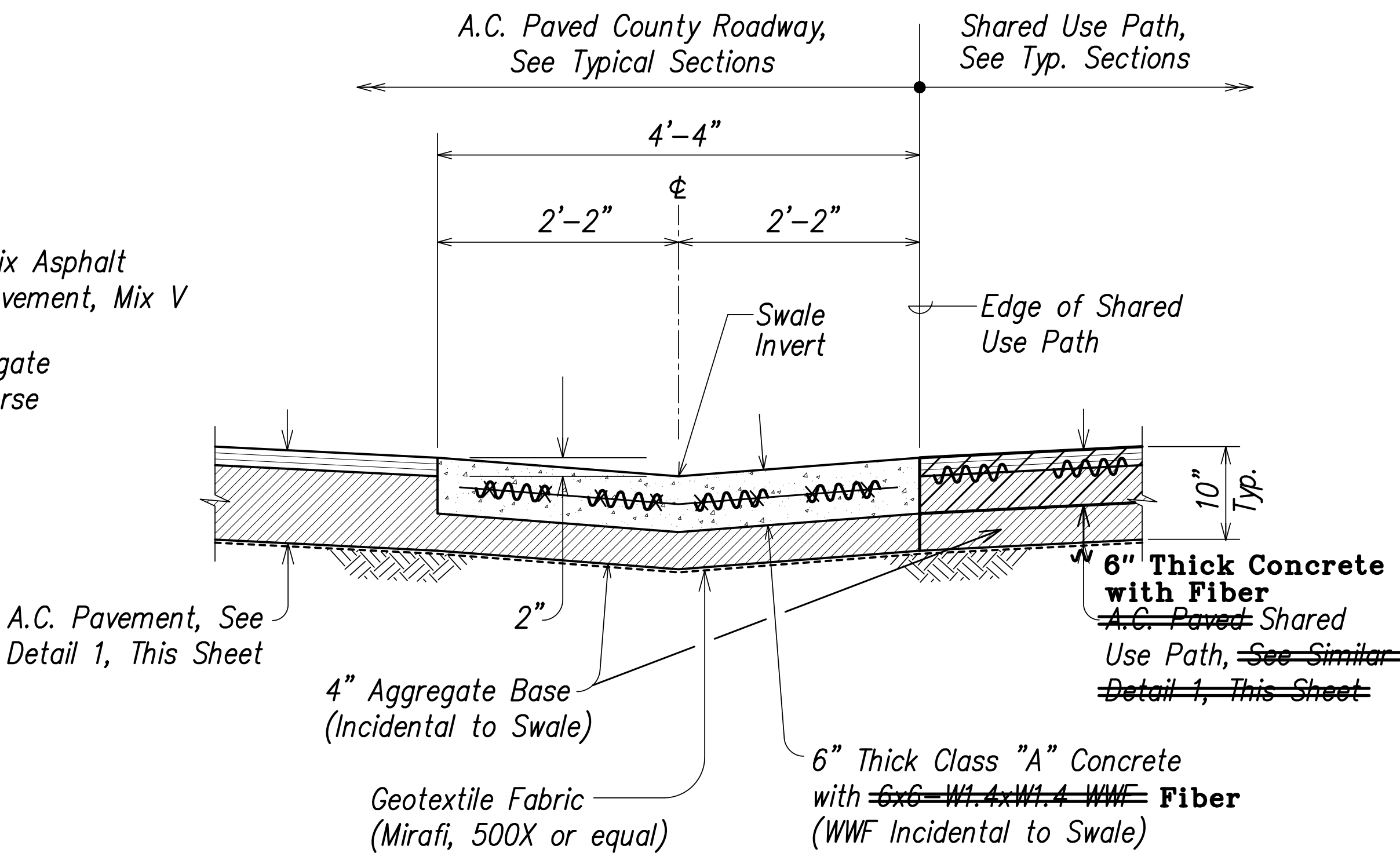
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	C.O. 20	143



TYPICAL A.C. PAVEMENT SECTION FOR COUNTY ROADWAYS

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

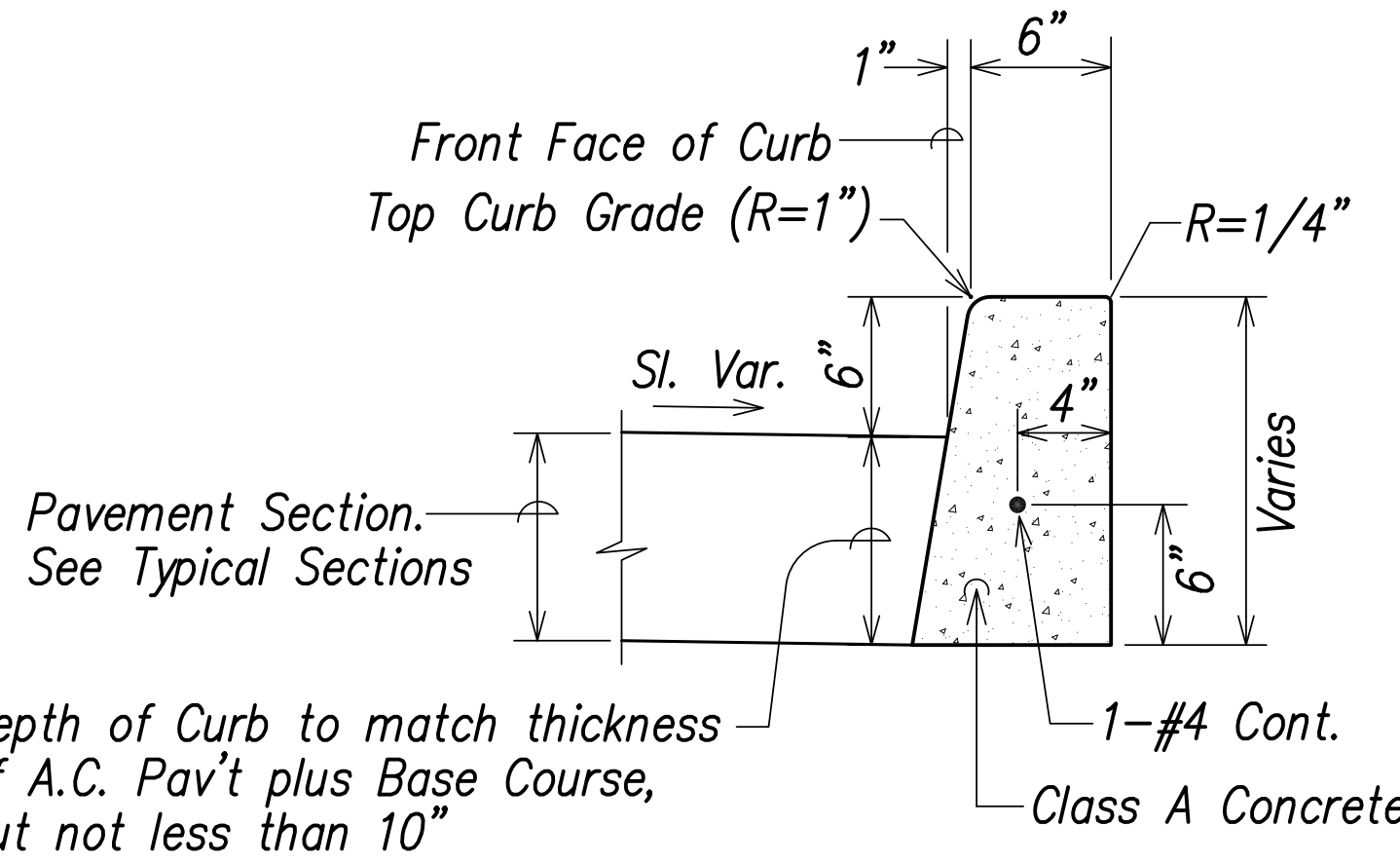
C2.4, C2.5



CONCRETE SWALE DETAIL

Scale: 1"= 1'-0"

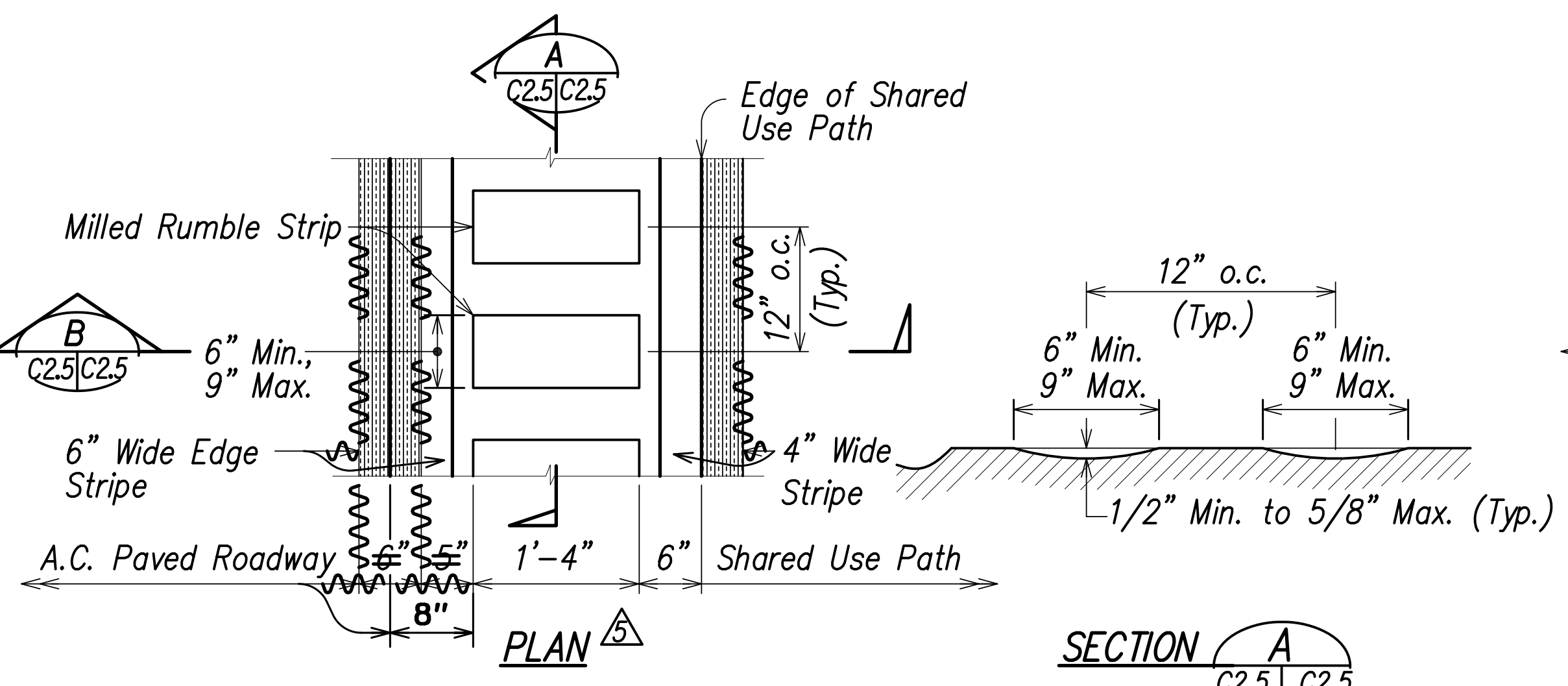
C2.4



REINFORCED TYPE 2D CONCRETE CURB DETAIL

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

C2.6, C3.1, C3.2



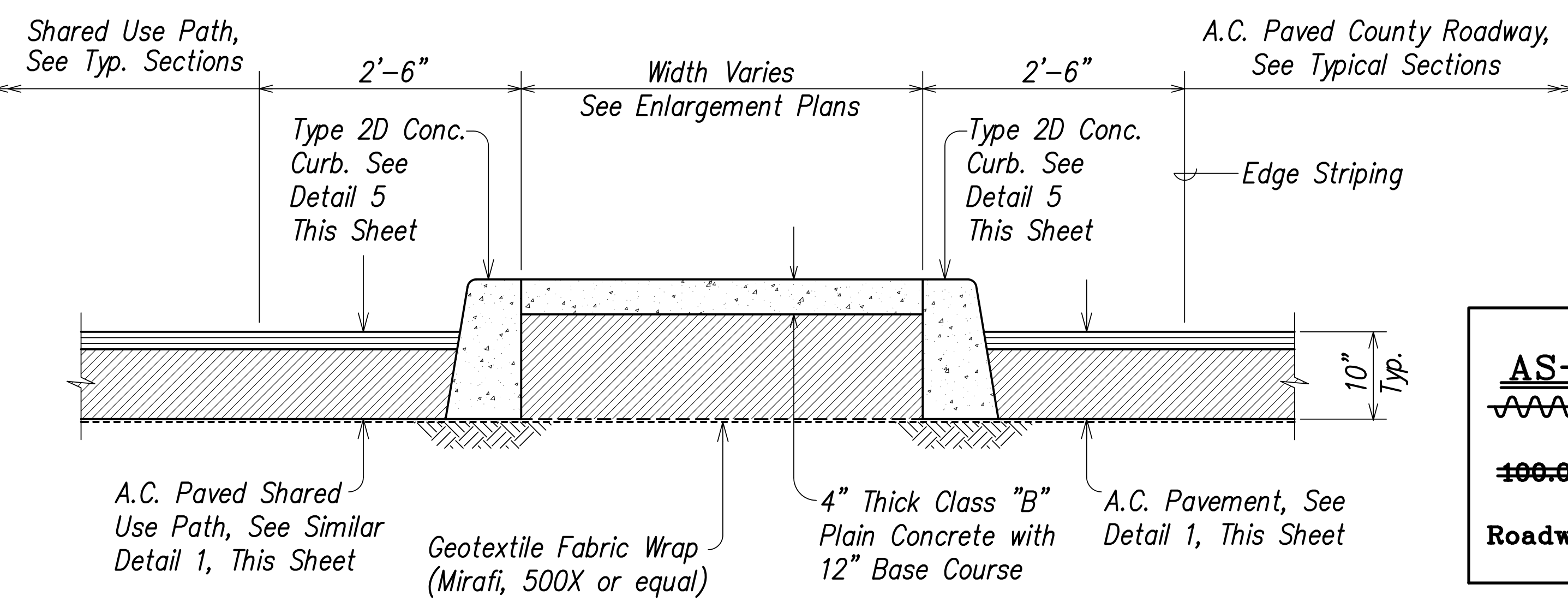
MILLED RUMBLE STRIP DETAIL

Scale: 1"= 1'-0"

C2.3, C2.4

MILLED RUMBLE STRIP NOTES:

1. The method of constructing the milled rumble strip shall be submitted to the Engineer for acceptance prior to the actual work.
2. Dimensions shown are approximate. Adjust rumble strip spacing to coordinate with pavement markings prior to installation.
3. The construction of the milled rumble strip and milling apparatus will not be paid for separately but shall be considered incidental to Item No. 401.0200 HMA Pavement, Mix V.



CONCRETE MEDIAN DETAIL

Scale: 1"= 1'-0"

C2.4, C2.5

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

RUSSELL M. ARAKI
LICENSED PROFESSIONAL ENGINEER
No. 8297-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: Russell M. Araki
Expiration Date of License: 4-30-14

DATE	REVISION
4/01/13	Revised Rumble Strip Plan
COUNTY OF KAUAI DEPARTMENT OF PUBLIC WORKS LYDGATE PARK TO KAPA'A BIKE/ PEDESTRIAN PATH PHASE B KAPA'A, KAUAI, HAWAII	
ROADWAY DETAILS	
FEDERAL-AID PROJECT NO. STP-0700(61) DATE: NOVEMBER 2011	
DRAWN BY: NGA	F.B. C.B. SHEET
TRACED BY: RMA	C2.5 OF SHEETS

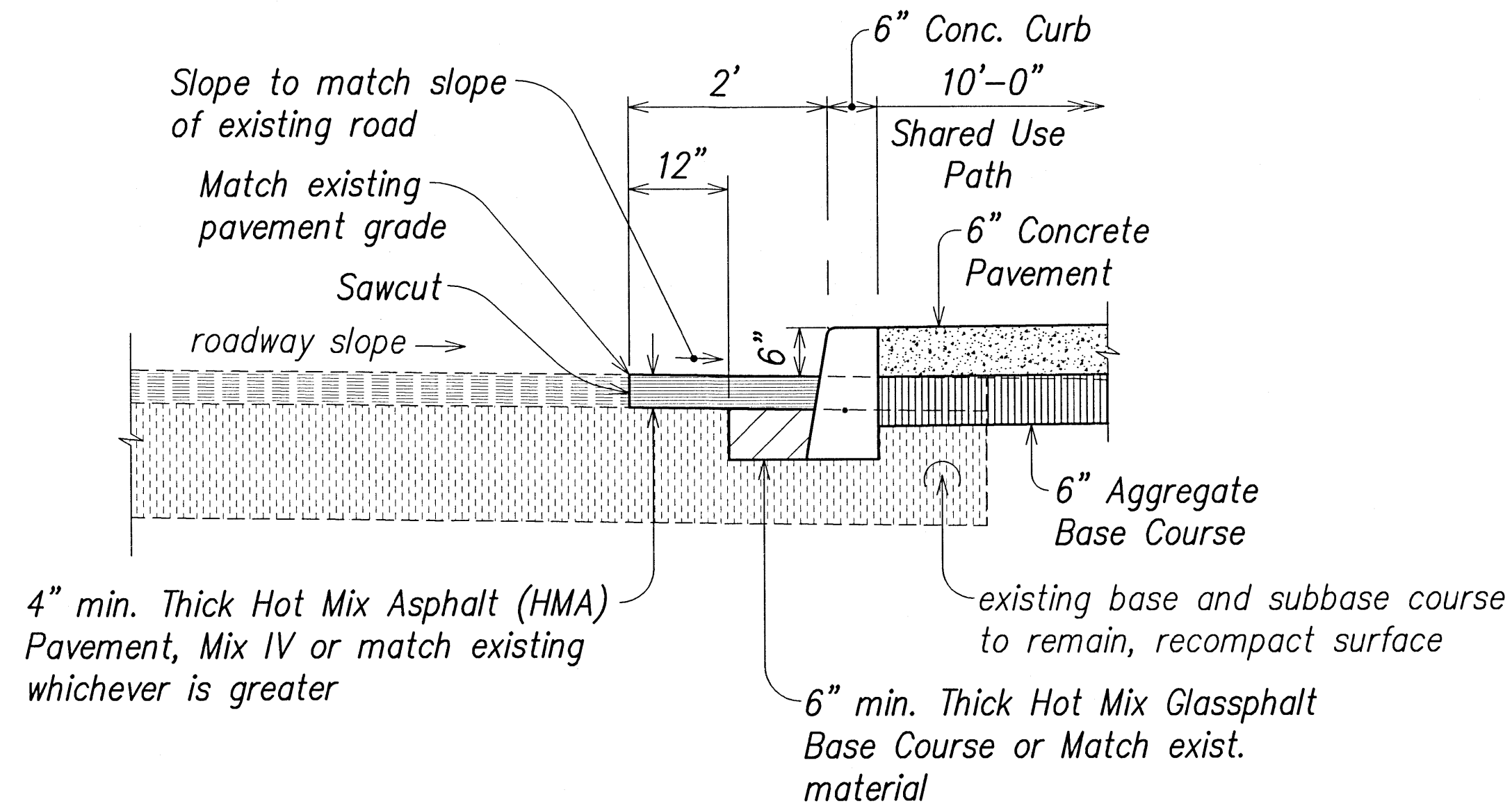
APPROVED:

COUNTY ENGINEER (FOR WORK WITHIN COUNTY RIGHT OF WAY) DATE

"AS-BUILT"

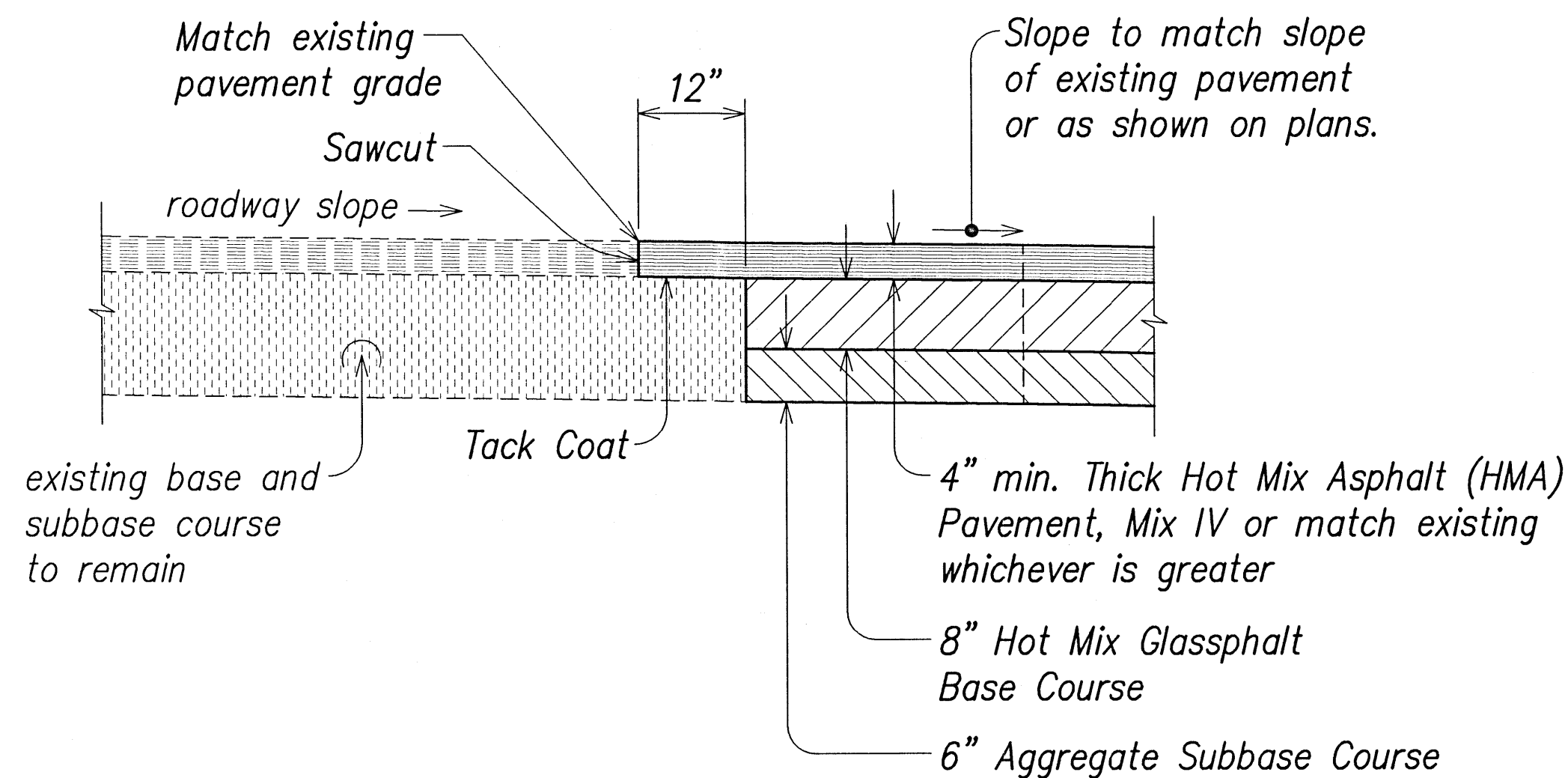
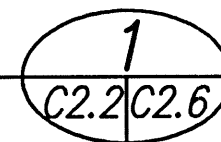
C.O. 20

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	21	143



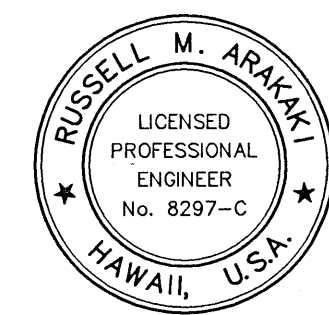
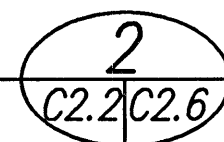
**A.C. SHOULDER REPAVEMENT
ALONG KUHIO HIGHWAY**

Scale: 3/4" = 1'-0"



**A.C. PAVEMENT AND CONNECTION DETAIL
FOR KUHIO HIGHWAY**

Scale: 3/4" = 1'-0"



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

Russell M. Arank 4-30-12
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS

LYDGATE PARK TO KAPA'A BIKE/
PEDESTRIAN PATH PHASE B
KAPA'A, KAUAI, HAWAII

ROADWAY DETAILS

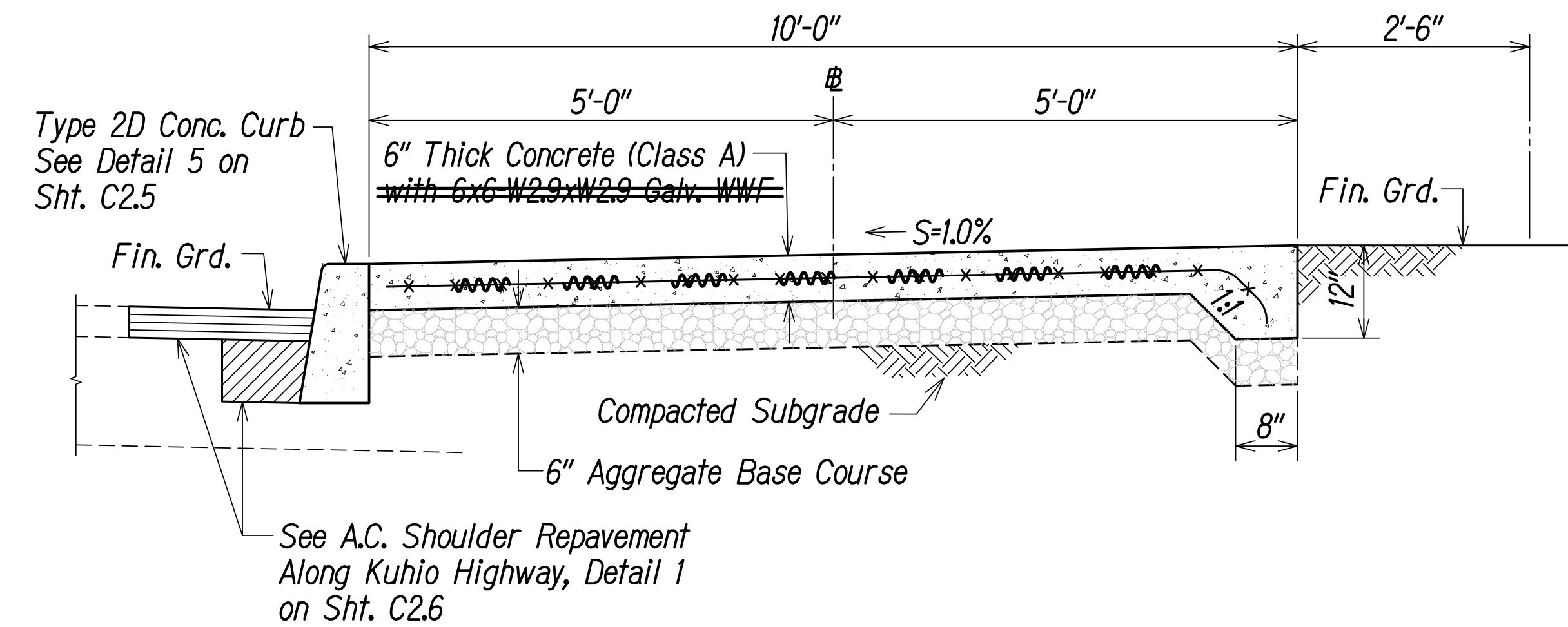
FEDERAL-AID PROJECT NO. STP-0700(61)
DATE: NOVEMBER 2011

DRAWN BY:	NGA	F.B.	C.B.	SHEET
TRACED BY:				C2.6
CHECKED BY:	RMA			OF SHEETS

"AS-BUILT"

21

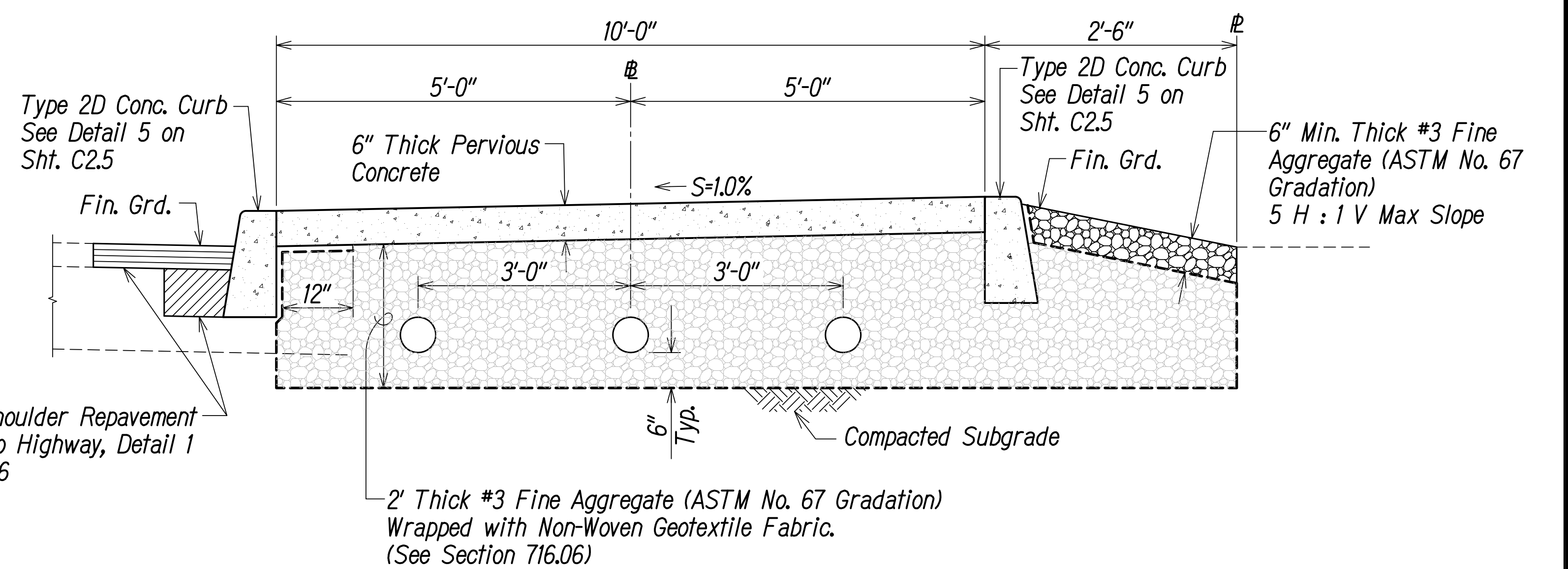
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	23	143



(6-INCH THICK) CONCRETE SHARED-USE PATH
TYPICAL SECTION WITHOUT DRAINAGE SYSTEM ALONG PATH B-2
Scale: 3/4" = 1'-0"

C2.2, C2.3

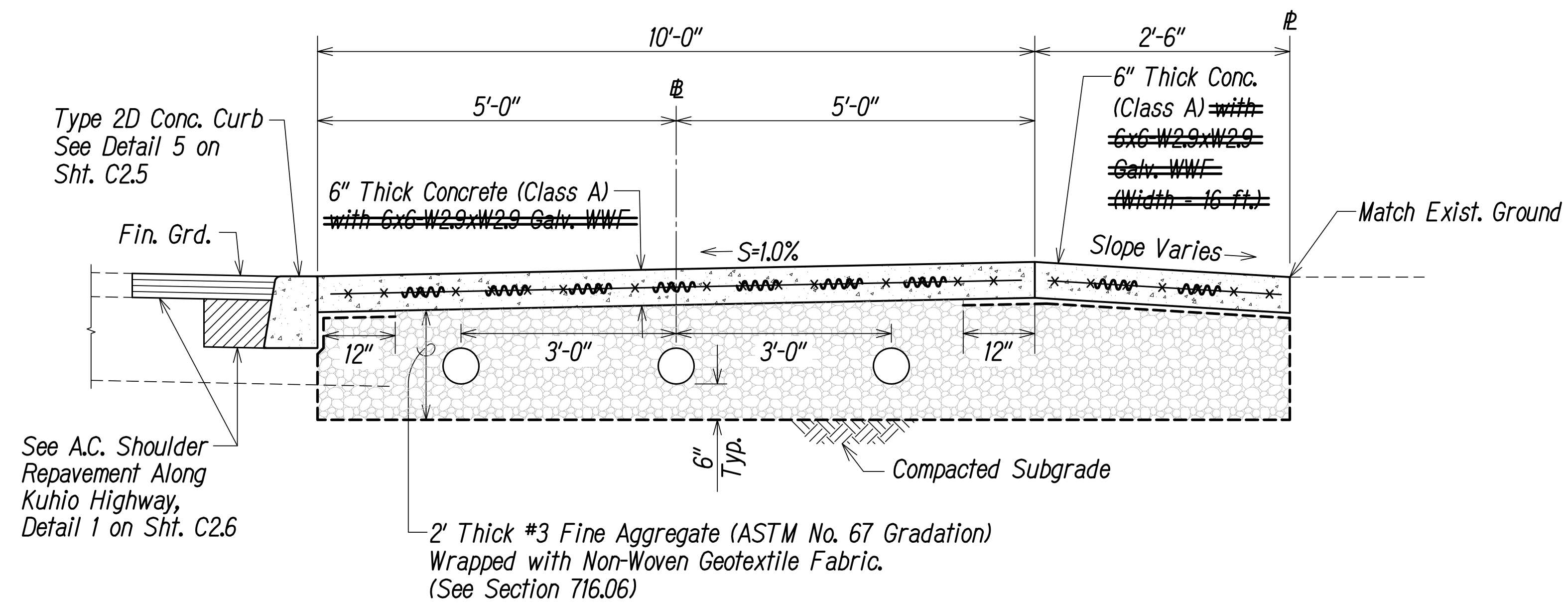
1
C3.2



(6-INCH THICK) PERVIOUS CONCRETE SHARED-USE PATH
TYPICAL SECTION WITH DRAINAGE SYSTEM ALONG PATH B-2
BL STA. 1+56 TO BL STA. 6+53.22 (EXCEPT AT DRIVEWAYS)
Scale: 3/4" = 1'-0"

C2.2

3
C3.2



(6-INCH THICK) CONCRETE SHARED-USE PATH @ DRIVEWAY APRON
TYPICAL SECTION WITH DRAINAGE SYSTEM ALONG PATH B-2
Scale: 3/4" = 1'-0"

C2.2

2
C3.2

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

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Russell M. Araki 4-30-14
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS

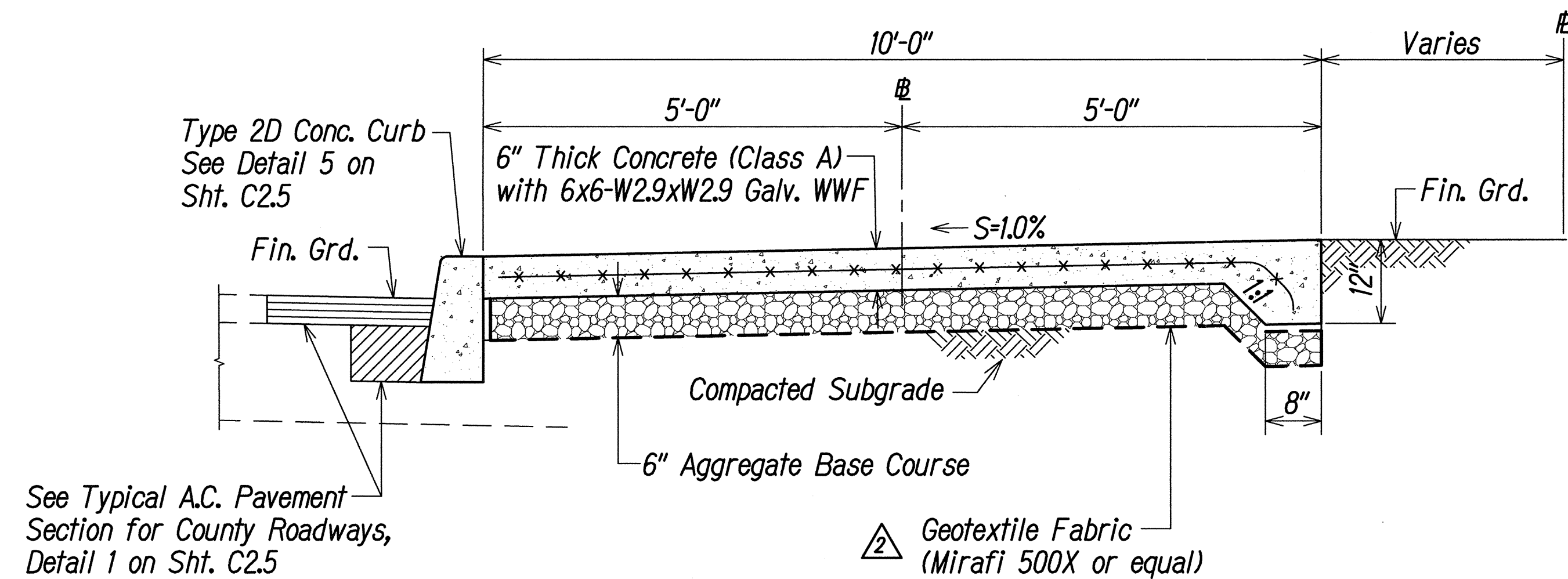
LYDGATE PARK TO KAPA'A BIKE/
PEDESTRIAN PATH PHASE B
KAPA'A, KAUAI, HAWAII

BIKE PATH DETAILS

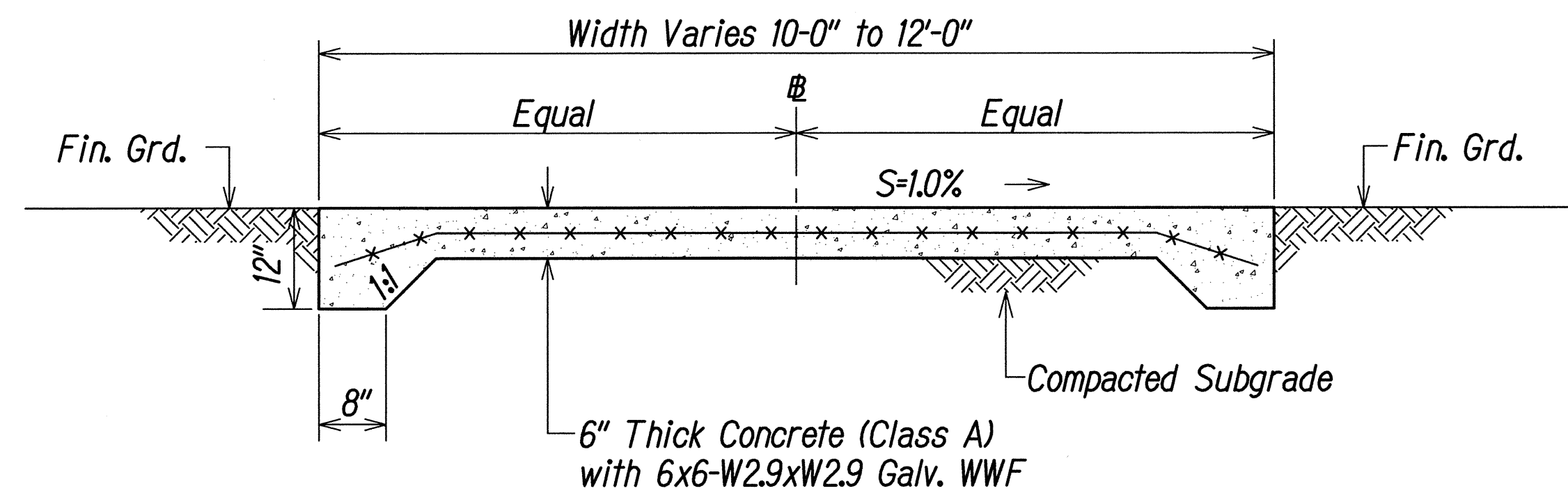
FEDERAL-AID PROJECT NO. STP-0700(61)
DATE: NOVEMBER 2011

DRAWN BY:	NGA	F.B.	C.B.	SHEET
TRACED BY:				C3.2
CHECKED BY:	RMA			OF SHEETS

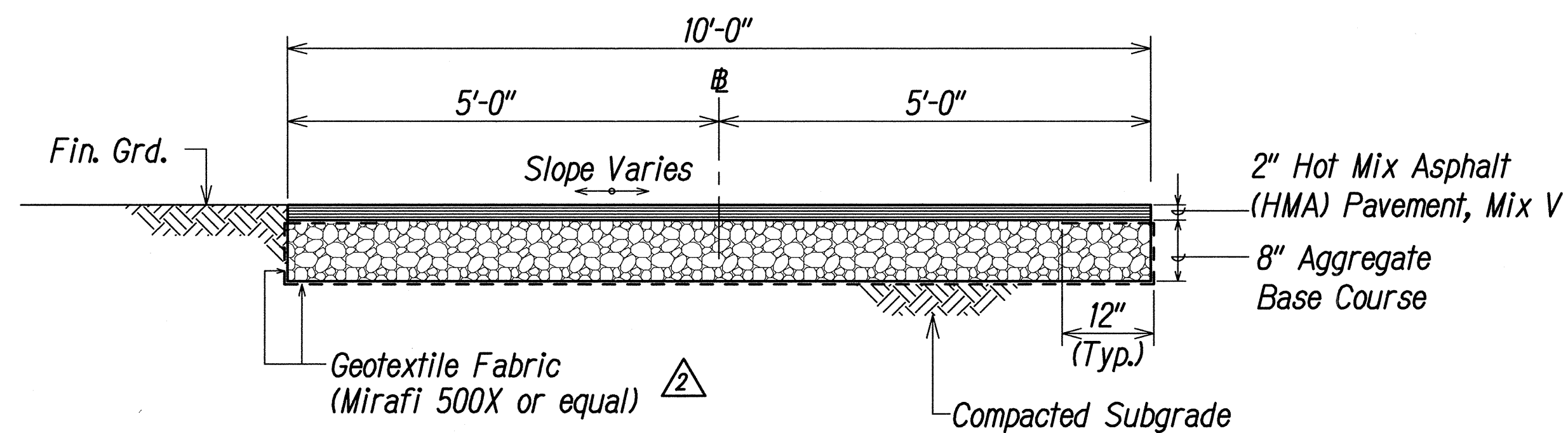
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAI'I	HAW.	STP-0700(61)	2011	ADD. 24	143



(6-INCH THICK) CONCRETE SHARED-USE PATH
TYPICAL SECTION AT CURBED AREAS ALONG PATH B-3
Scale: $3/4" = 1'-0"$



(6-INCH THICK) CONCRETE SHARED-USE PATH
TYPICAL SECTION ALONG PATH B-5
Scale: 3/4" = 1'-0"



A.C. PAVEMENT SHARED-USE PATH
TYPICAL SECTION - ALONG PATHS B-3 AND B-4
Scale: 3/4" = 1'-0"

1/27/12	2 Revised Geotextile Fabric		
DATE	REVISION		
COUNTY OF KAUAI DEPARTMENT OF PUBLIC WORKS LYDGATE PARK TO KAPA'A BIKE/ PEDESTRIAN PATH PHASE B KAPA'A, KAUAI, HAWAII			
<h1>BIKE PATH DETAILS</h1> <p>FEDERAL-AID PROJECT NO. STP-0700(61)</p> <p>DATE: NOVEMBER 2011</p>			
DRAWN BY: TRACED BY: CHECKED BY:	NGA RMA	F.B. 	C.B. SHEET <div>C3.3</div> <div>OF SHEETS</div>

APPROVED:

COUNTY ENGINEER
(FOR WORK WITHIN COUNTY RIGHT OF WAY)



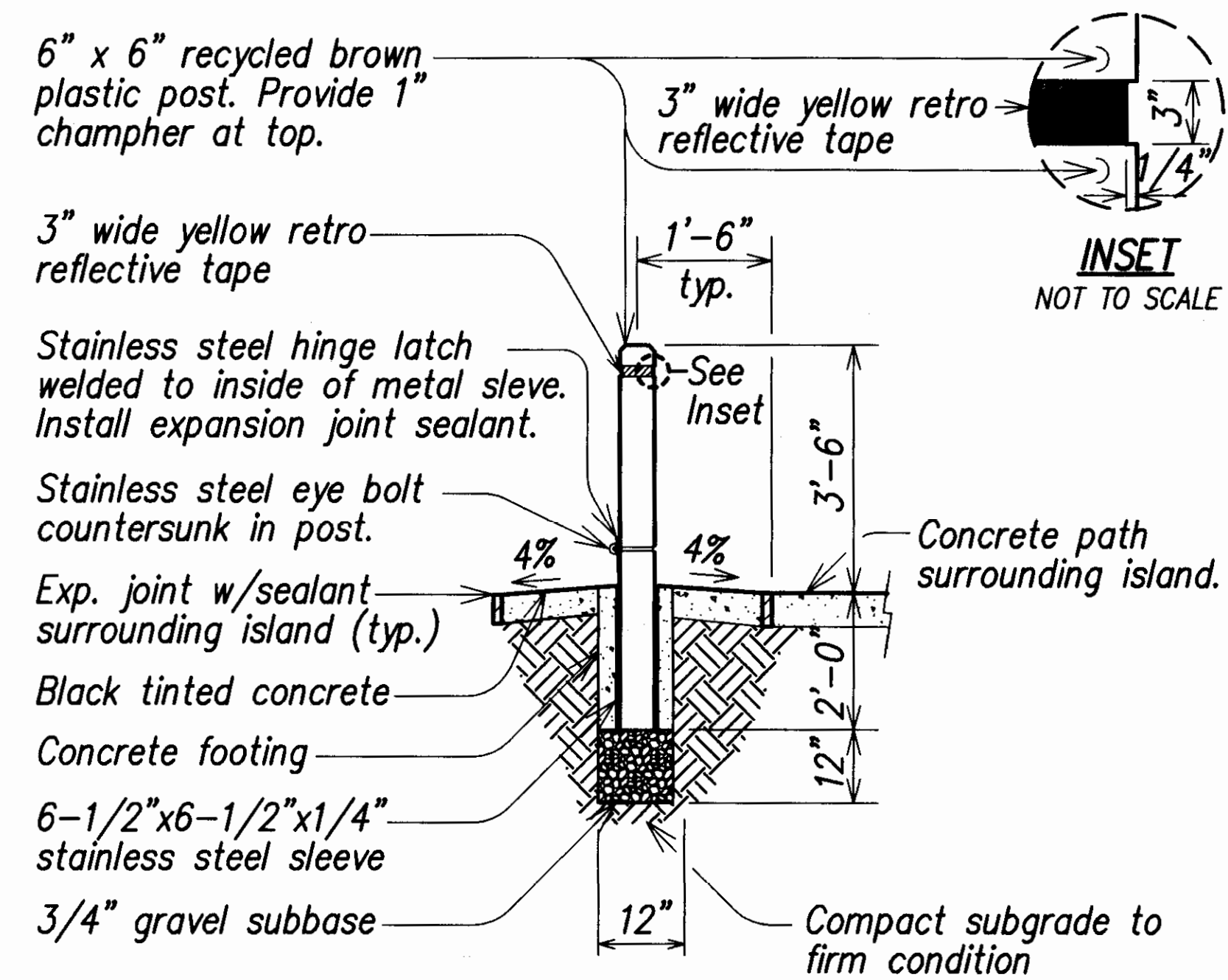
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

Rumellm. Chakraborti 4-30-12
SIGNATURE EXPIRATION DATE OF THE LICENSE

"AS-BUILT"

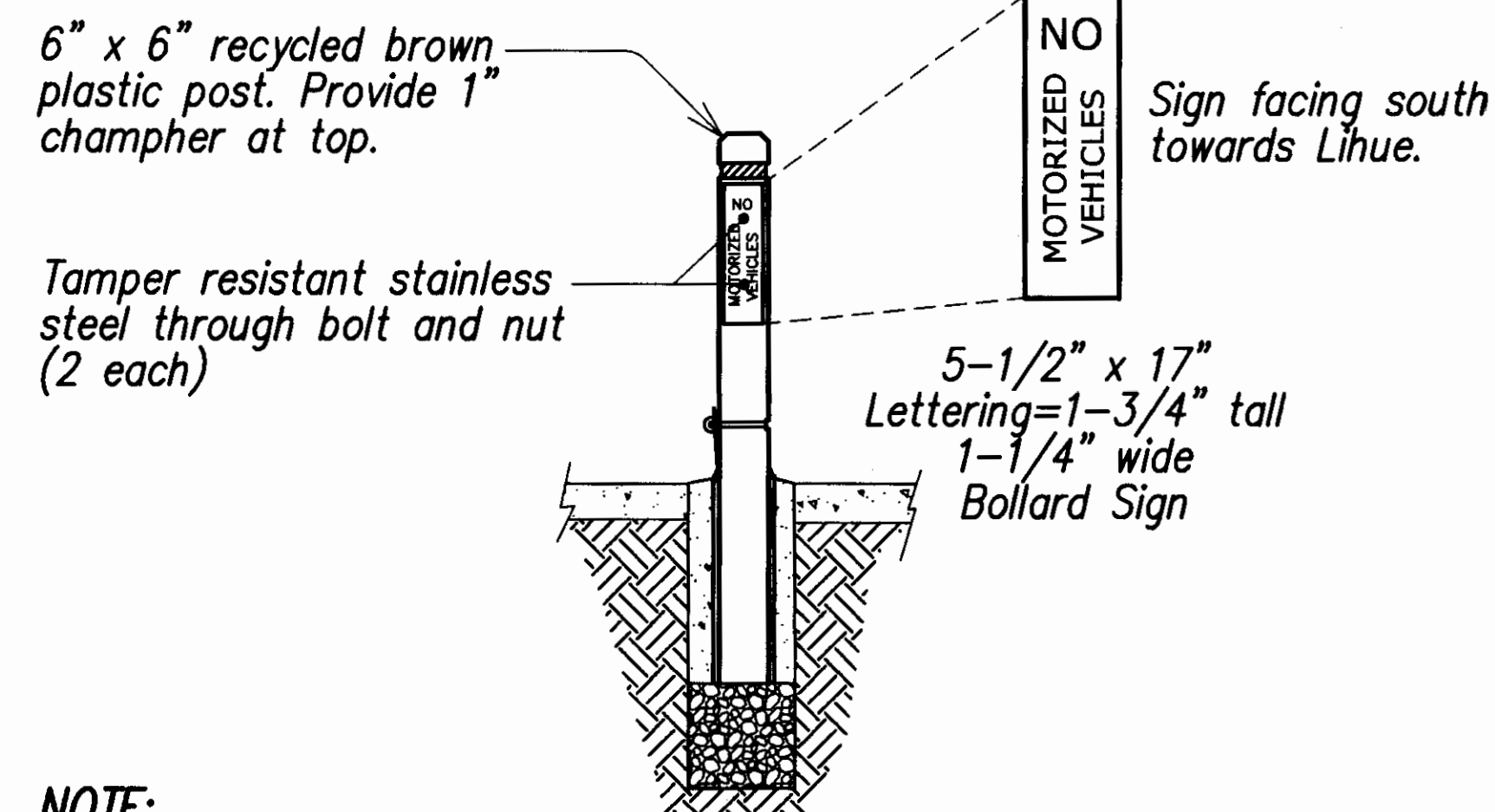
ADD. 24

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAI'I	HAW.	STP-0700(61)	2011	25	143



ISLAND BOLLARD INSTALLATION

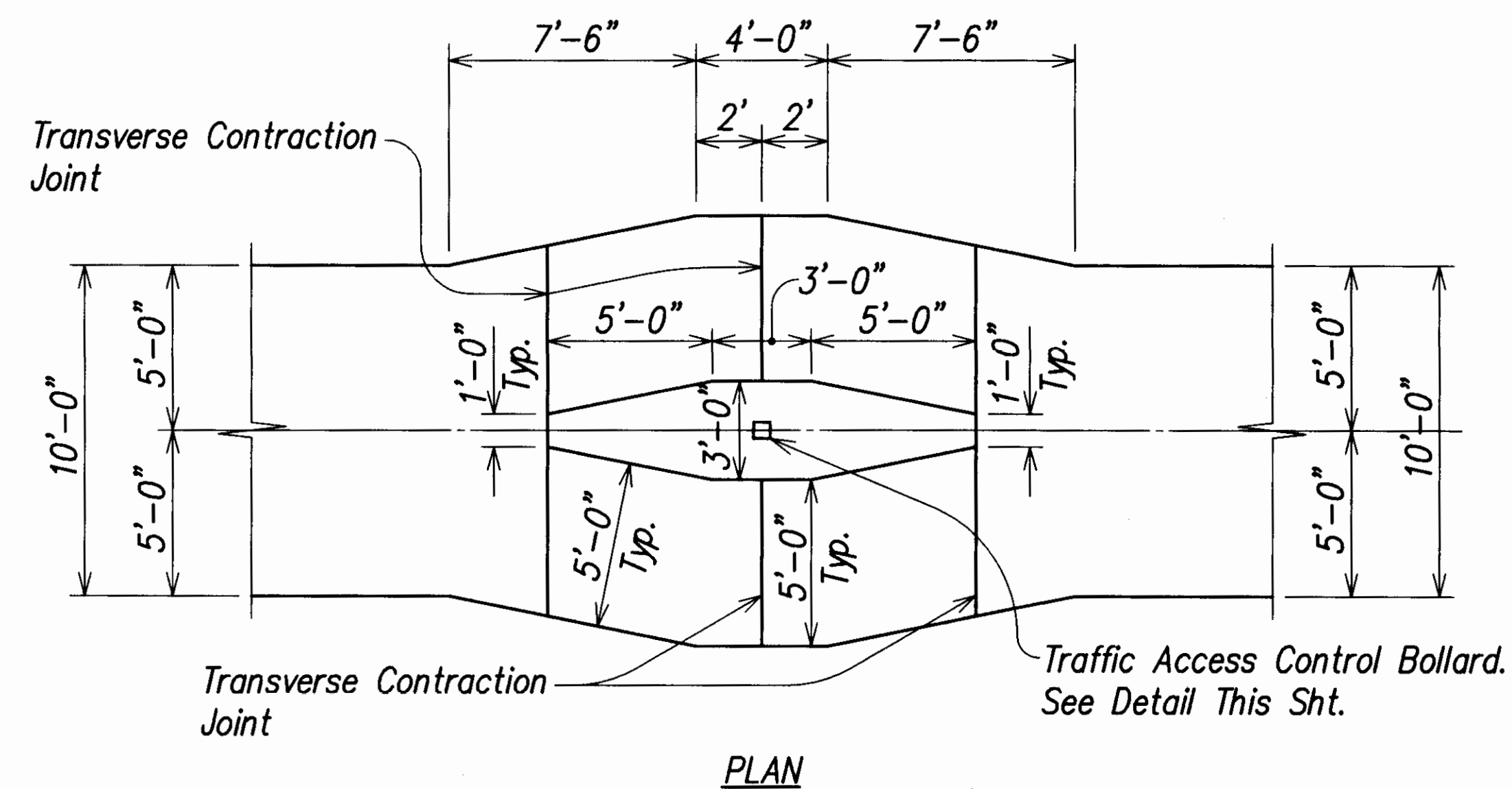
TRAFFIC ACCESS CONTROL BOLLARD 1
Not to Scale C3.4



NOTE:

Traffic Access Control Bollard, including but not limited to excavation, compaction, gravel subbase, stainless steel sleeve, concrete footing, concrete island, tinting, joint sealant post, sign, tape and accessories shall be considered incidental to the Portland Cement Concrete Bike Path.

BOLLARD SIGN PLACEMENT 2
Not to Scale C3.4



PLAN

TRAFFIC ACCESS CONTROL 3
Scale: 1/2" = 1'-0" C34

APPROVED:

COUNTY ENGINEER
(FOR WORK WITHIN COUNTY RIGHT OF WAY)

12.24.11

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

Russell M. Arakaki 4-30-12
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
LYDGATE PARK TO KAPA'A BIKE/
PEDESTRIAN PATH PHASE B
KAPA'A, KAUAI, HAWAII

BIKE PATH DETAILS

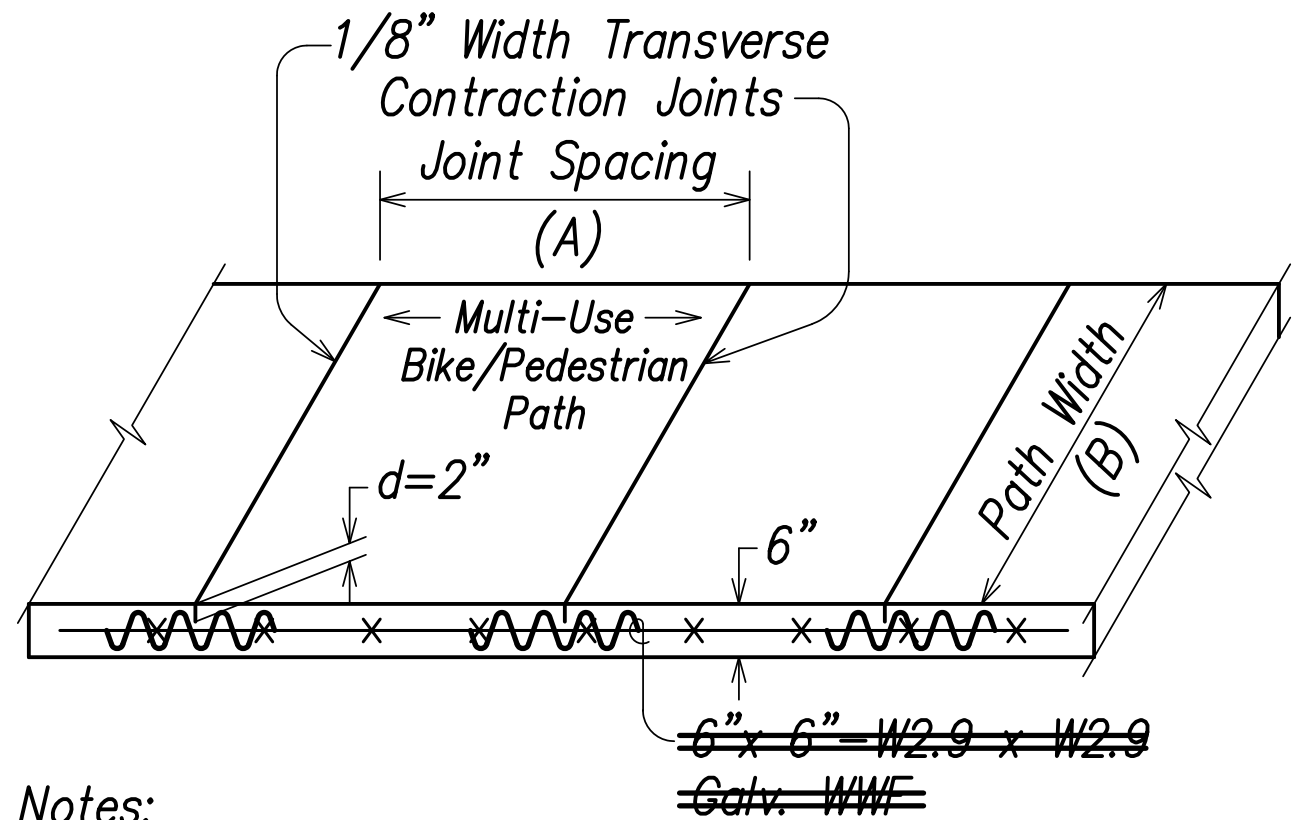
FEDERAL-AID PROJECT NO. STP-0700(61)

DATE: NOVEMBER 2011

DRAWN BY: NGA		F.B.	C.B.	SHEET
TRACED BY:				C3.4
CHECKED BY: RMA				
				OF SHEETS

"AS-BUILT"

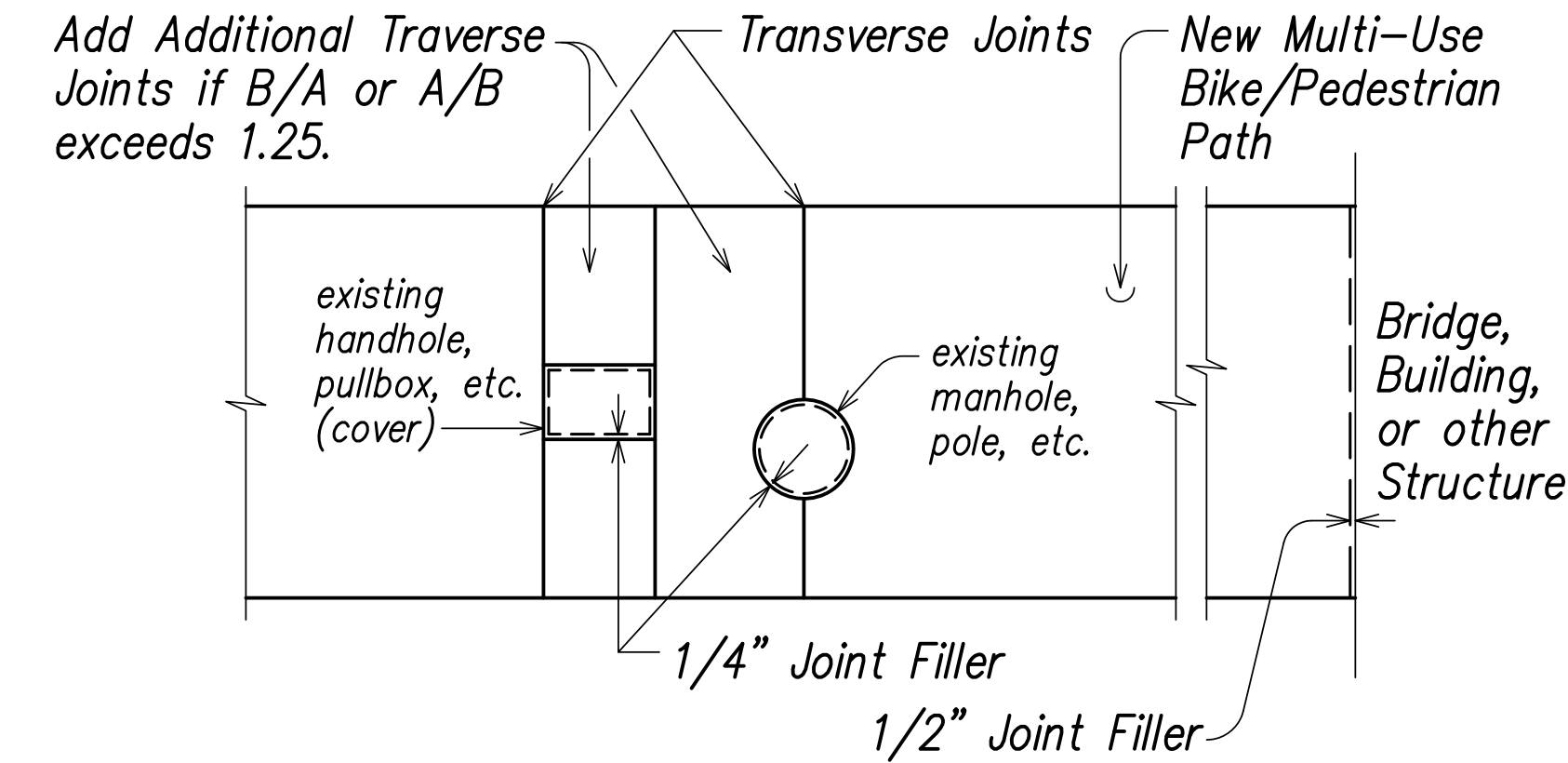
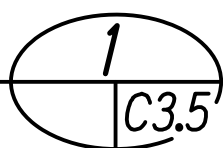
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	26	143



- Notes:
- Joint dimension ratios (B/A or A/B) < 1.25 and dimension (A) not to exceed 10'.
 - Joints shall be perpendicular to baseline of path.

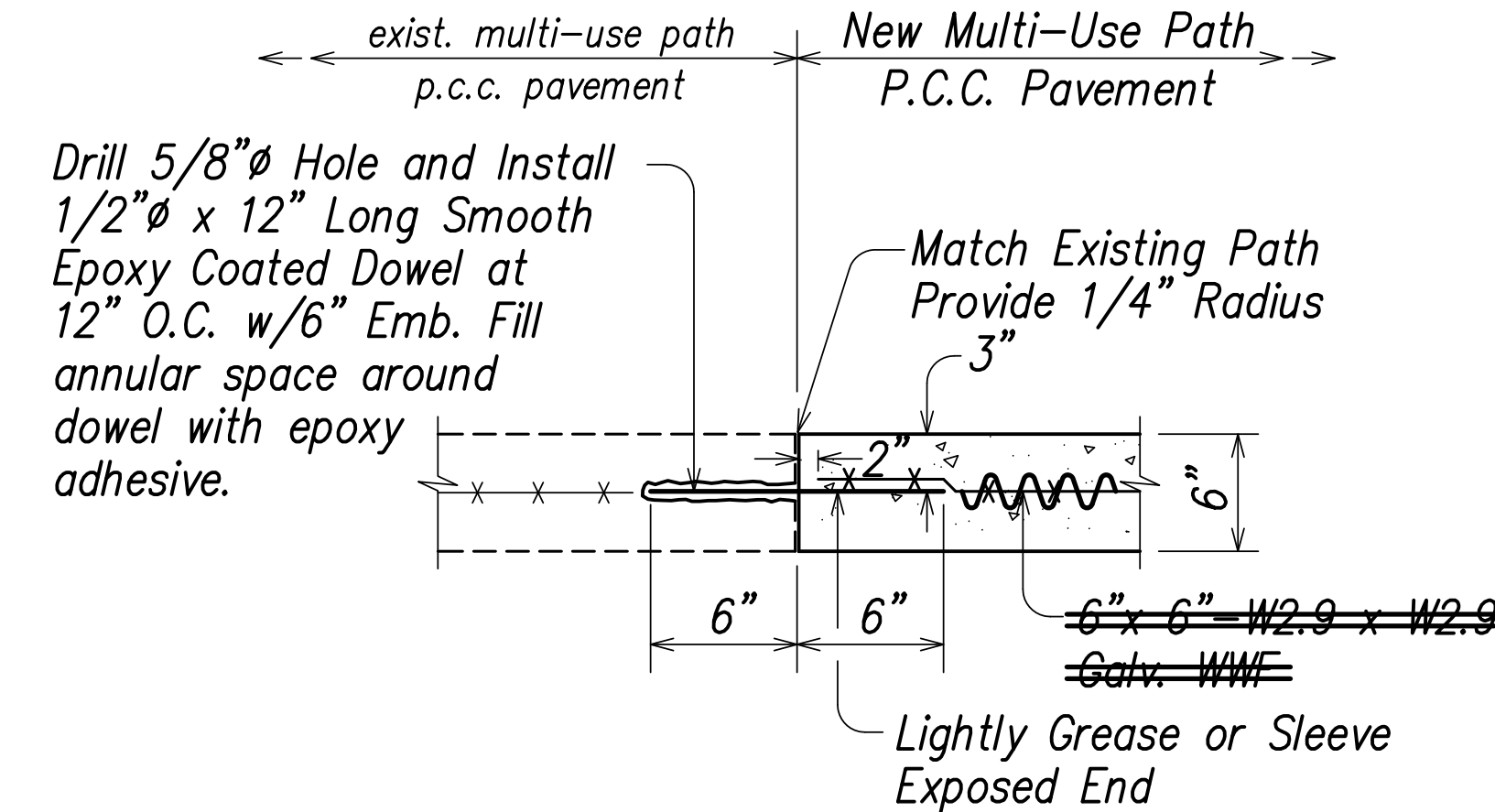
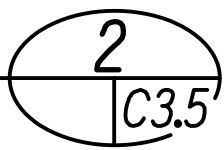
TYPICAL WEAKENED PLANE JOINT LAYOUT

Not to Scale



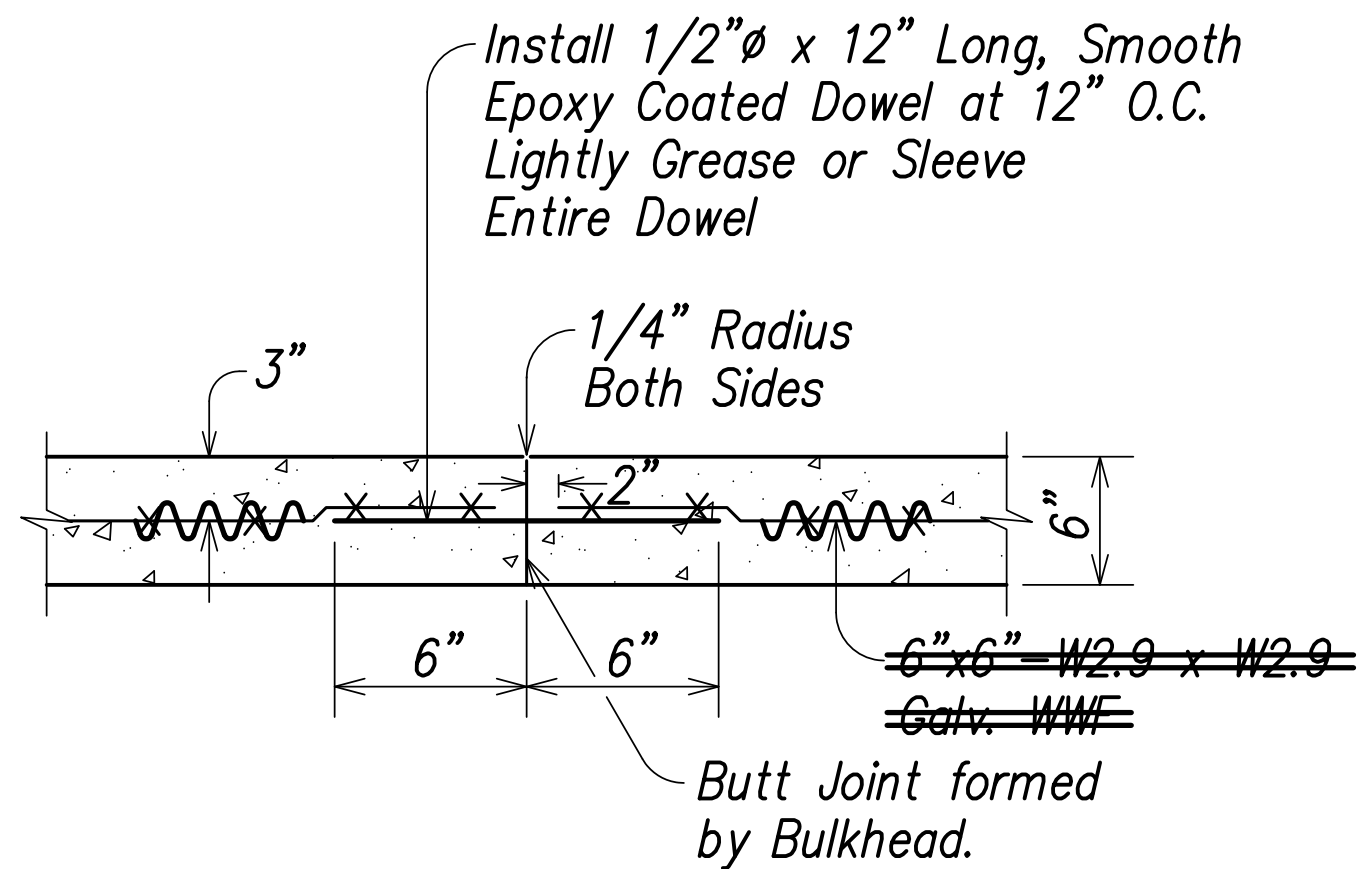
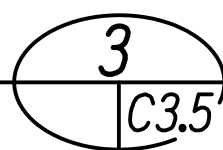
MULTI-USE PATH ISOLATION JOINT

Not to Scale



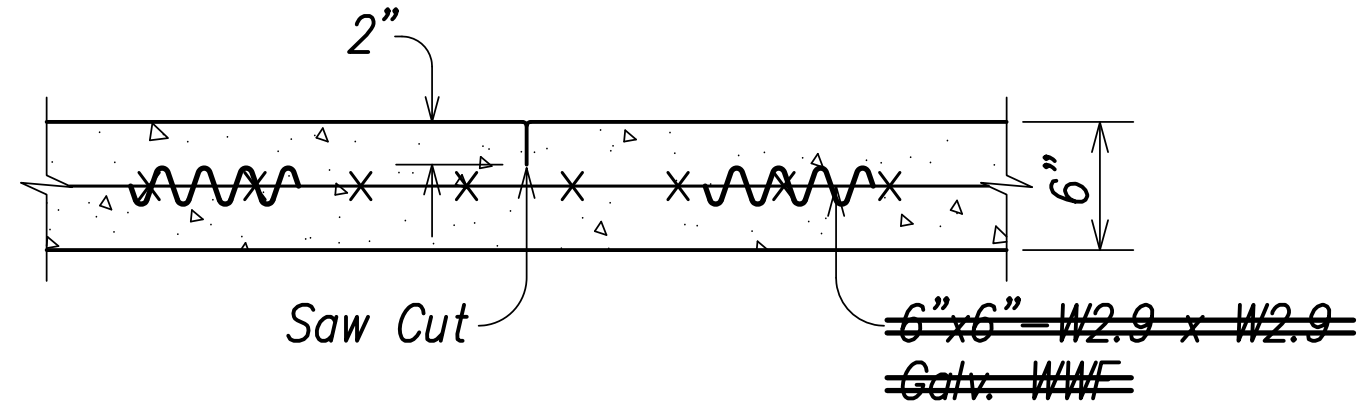
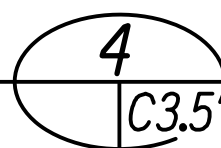
TRANSVERSE CONSTRUCTION JOINT AT EXISTING P.C.C. PAVEMENT

Not to Scale



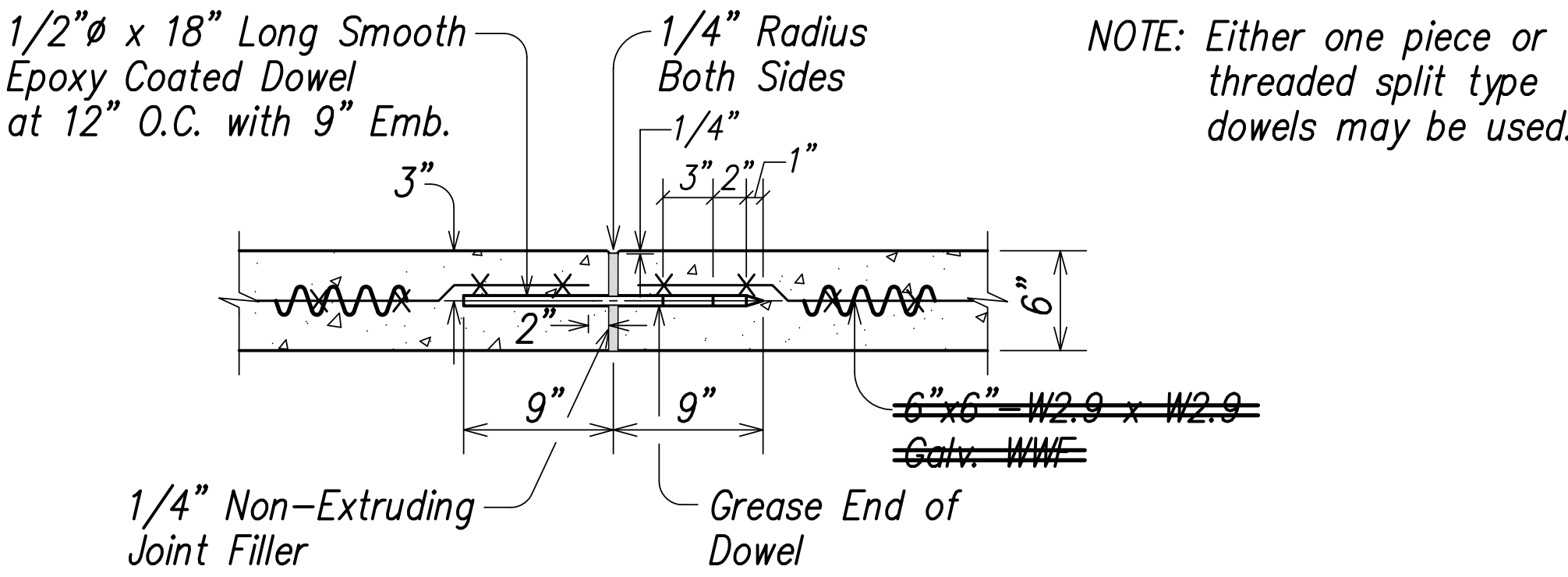
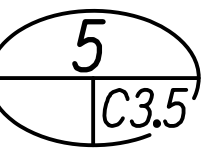
TRANSVERSE CONSTRUCTION JOINT

Not to Scale



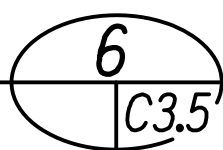
TRANSVERSE CONTRACTION JOINT

Not to Scale



TRANSVERSE EXPANSION JOINT

Not to Scale



NOTES:

- Epoxy coated dowels and deformed bars shall conform to AASHTO M284/M 284/ M-95 Grade 60.
- Position dowels/bars parallel to the pavement surface and paving lane direction to avoid future cracks in the P.C.C. pavement.
- See Typical Weakened Plane Joint Layout and Section 634 of the special provisions for transverse joint spacing.
- The Contractor shall not damage the epoxy coating on the dowel and deformed bar in any way during shipment, handling or placement. Damaged epoxy coated dowels and bars shall be replaced at no cost to the County.
- All joint construction, including drilling, epoxy coated dowels, deformed bars, grease, epoxy grout and joint filler shall be incidental to Portland Cement Concrete Bike Path.
- Provide a broom finish surface to match the surface of the adjacent existing concrete bike/pedestrian path.
- The entire length of bike/pedestrian path has been designed, and shall be constructed, to have a surface texture that complies with the Americans with Disabilities Act Accessibility Guidelines (ADAAG) Section 4.3.6 and Section 4.5.1.

LEGEND FOR AS-BUILT POSTINGS

- Squiggly line for as-built deletion
- Double line for as-built deletion
- Text for as-built posting

RUSSELL M. ARAKI
LICENSED PROFESSIONAL ENGINEER
No. 8297-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

12-21-11
DATE

Russell M. Araki
SIGNATURE

EXPIRATION DATE OF THE LICENSE 4-30-14

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
LYDGATE PARK TO KAPA'A BIKE/
PEDESTRIAN PATH PHASE B
KAPA'A, KAUAI, HAWAII

BIKE PATH DETAILS

FEDERAL-AID PROJECT NO. STP-0700(61)
DATE: NOVEMBER 2011

DRAWN BY: NGA
TRACED BY: RMA
CHECKED BY:

F.B.
C.B.
SHEET

C3.5
OF SHEETS

APPROVED:

COUNTY ENGINEER
(FOR WORK WITHIN COUNTY RIGHT OF WAY)

12-21-11
DATE

"AS-BUILT"