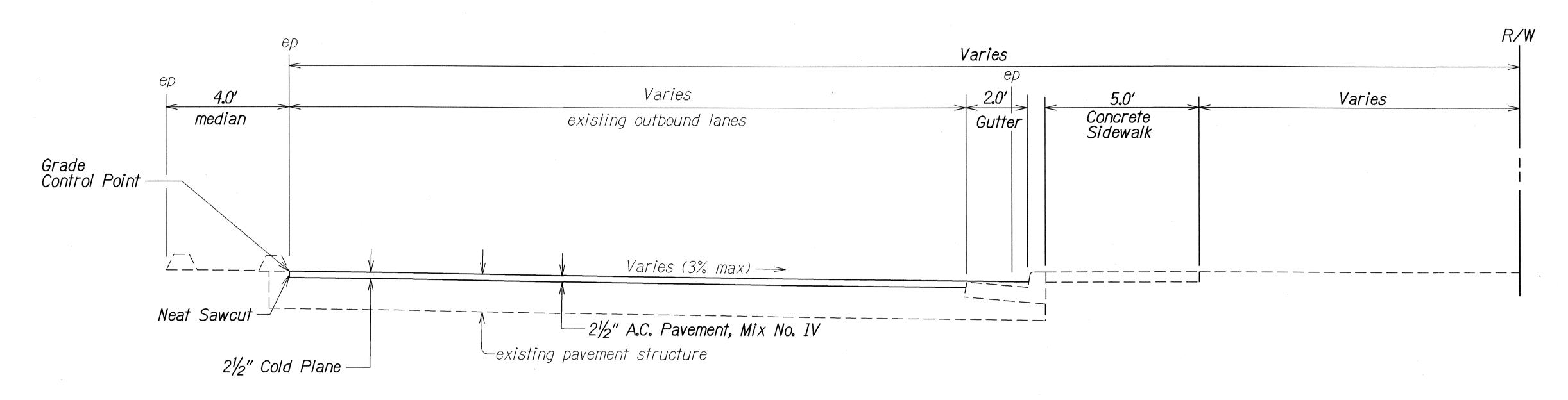
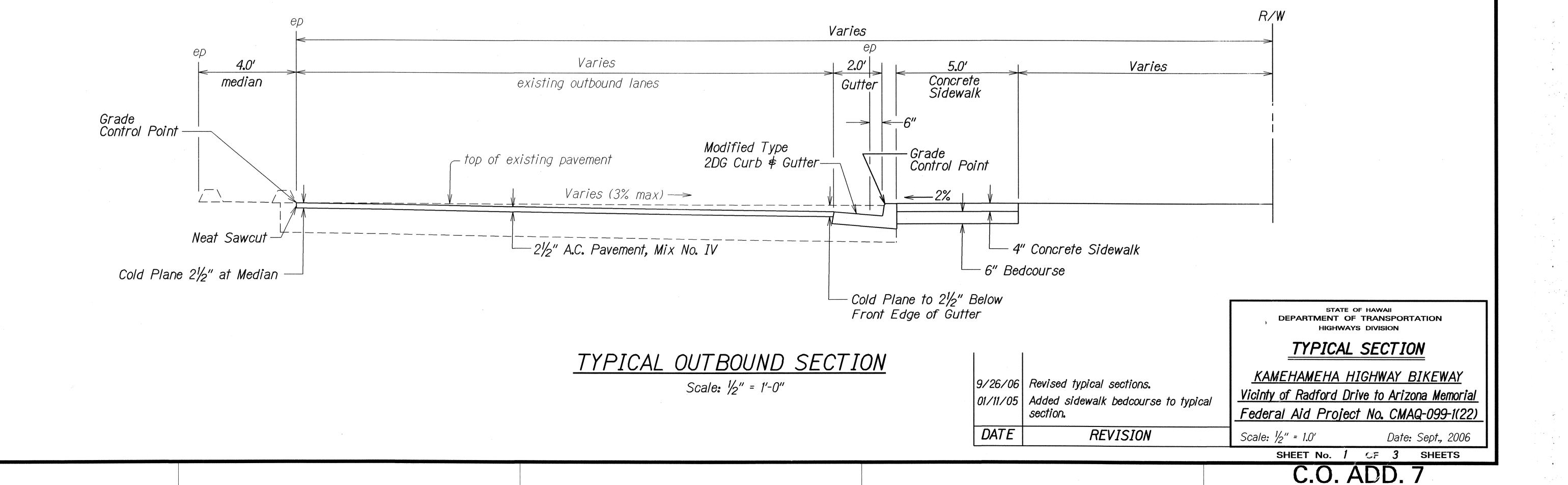
FED. ROAD DIST. NO. STATE PROJ. NO. FISCAL YEAR NO. SHEETS

HAWAII HAW. CMAQ-099-1(22) 2005 C.O.ADD.7 60



TYPICAL OUTBOUND SECTION KAMEHAMEHA HWY. & STA. 210+00 TO & STA. 213+36± AND KAMEHAMEHA HWY. & STA. 255+02± TO & STA. 265+00

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



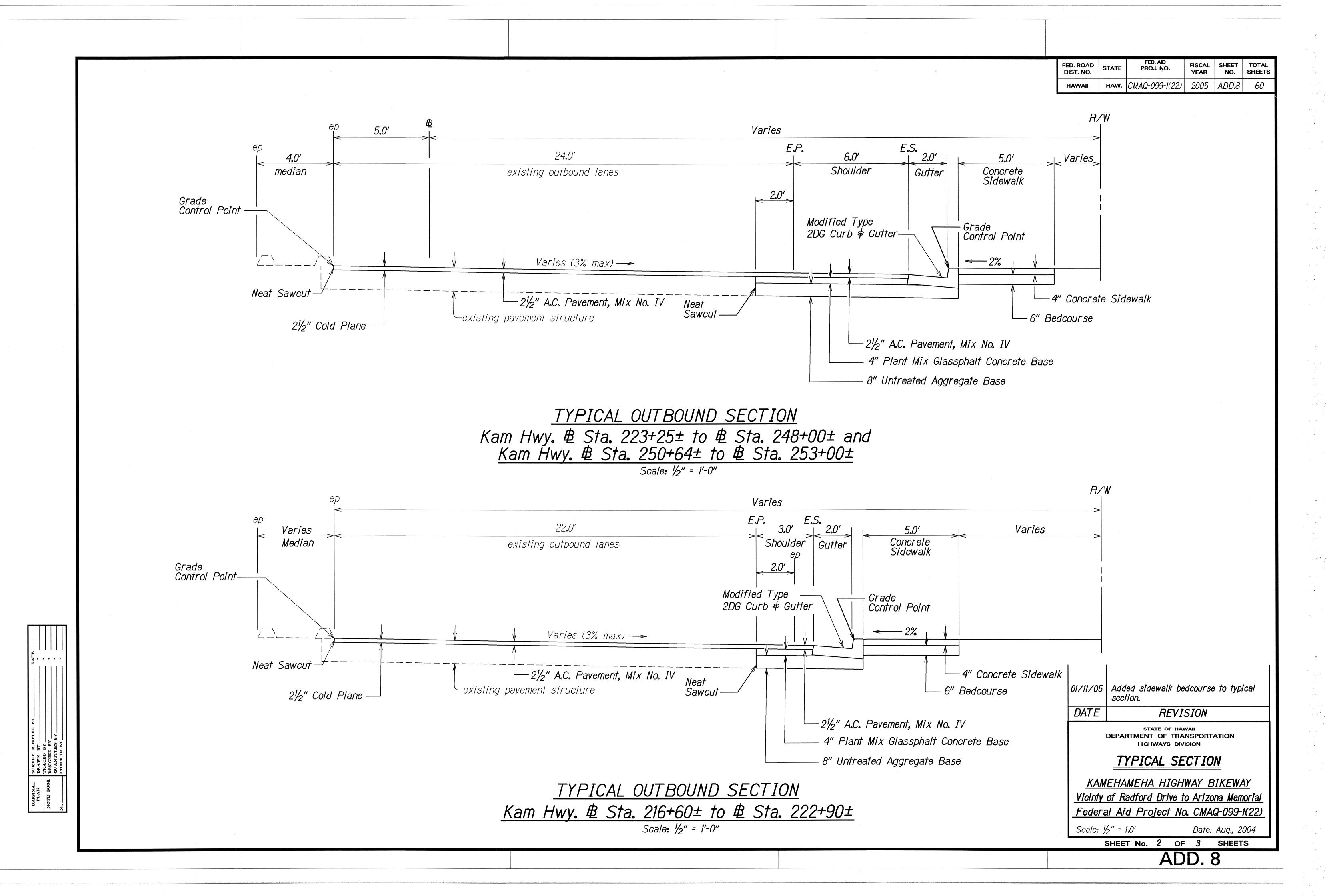
 ORIGINAL
 SURVEY PLOTTED BY
 DATE

 PLAN
 DRAWN BY
 .

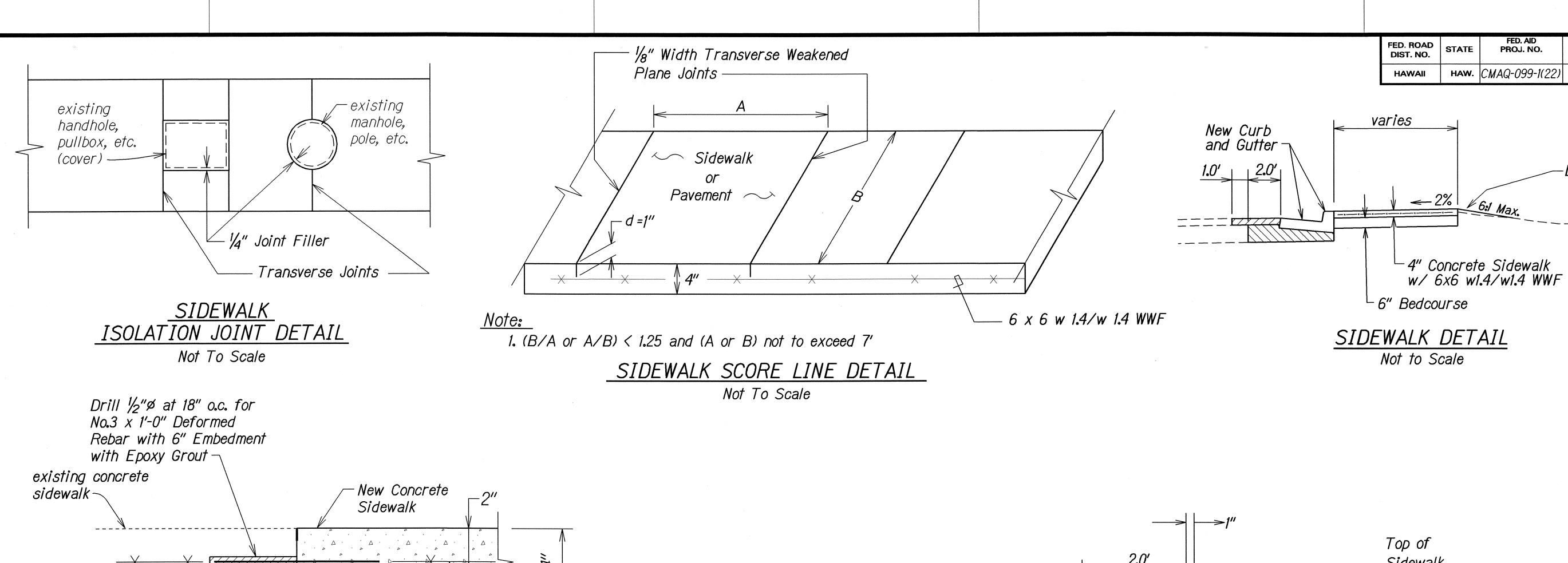
 NOTE BOOK
 DESIGNED BY
 .

 QUANTITIES BY
 .

 No.
 CHECKED BY
 .



-Highway Design Section



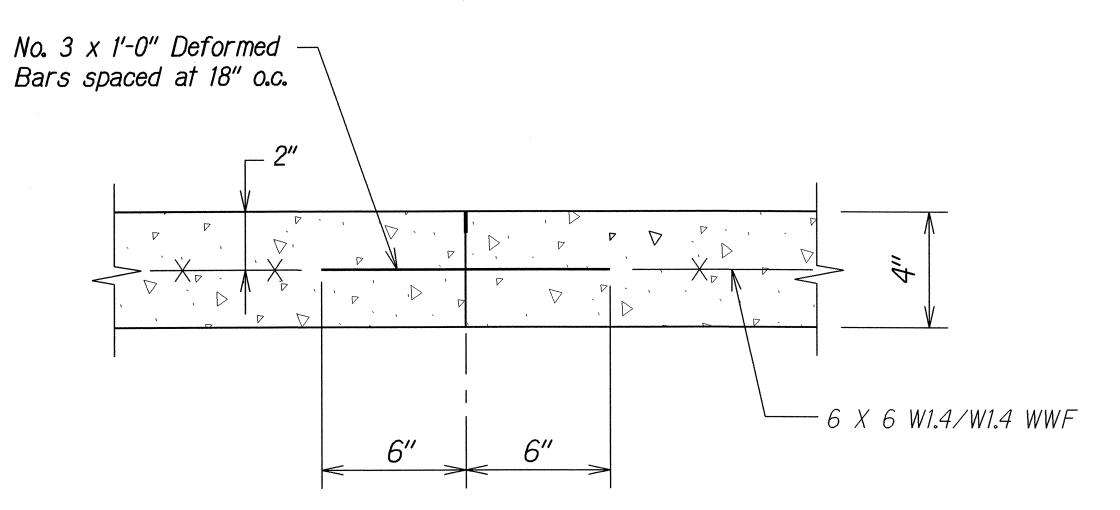
TRANSVERSE JOINT AT EXISTING SIDEWALK

└-6 X 6 W1.4/W1.4 WWF

Match Existing

Sidewalk

Not to Scale



TRANSVERSE CONSTRUCTION JOINT DETAIL Not to Scale

Top of Sidewalk -Top of Pav't ___ <-- 2% max. 5%-> exist. - 2:1 max. ground 6" — Dressing

MODIFIED CURB AND GUTTER,

TYPE 2DG Not to Scale

SIDEWALK NOTES:

- 1. Contractor shall carefully form sidewalk around the 5' X10' utility box located at Station 235+20 Rt. to prevent water ponding and tripping hazards.
- 2. Refer to Sections 608 and 609 of the Special Provisions for additional information.

DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

FED. AID PROJ. NO.

HAW. | CMAQ-099-1(22) | 2005 |

FISCAL SHEET YEAR NO.

-Dress Sidewalk

- existing

ground

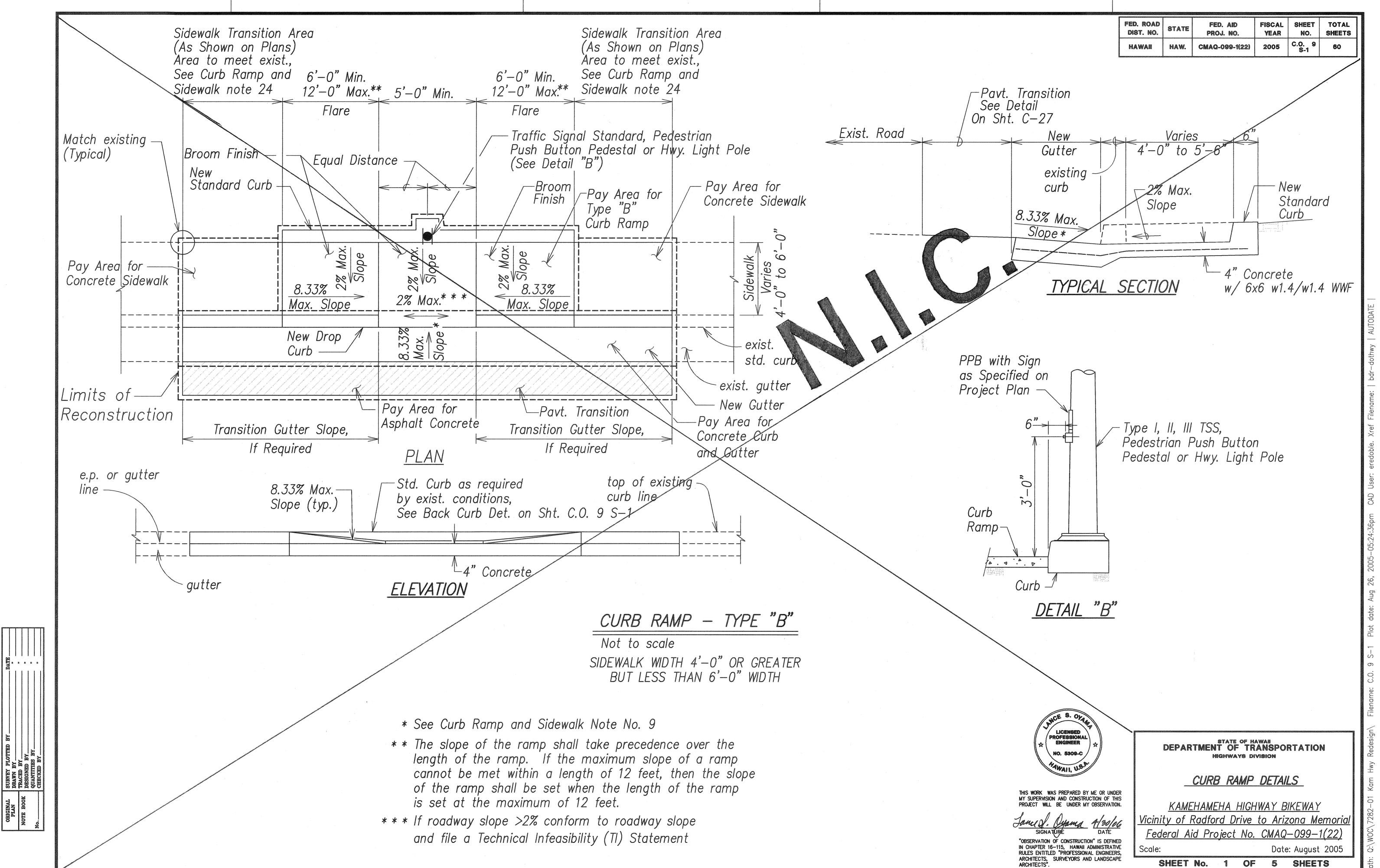
TYPICAL DETAILS

KAMEHAMEHA HIGHWAY BIKEWAY Vicinity of Radford Drive to Arizona Memorial Federal Aid Project No. CMAQ-099-1(22)

Not to Scale

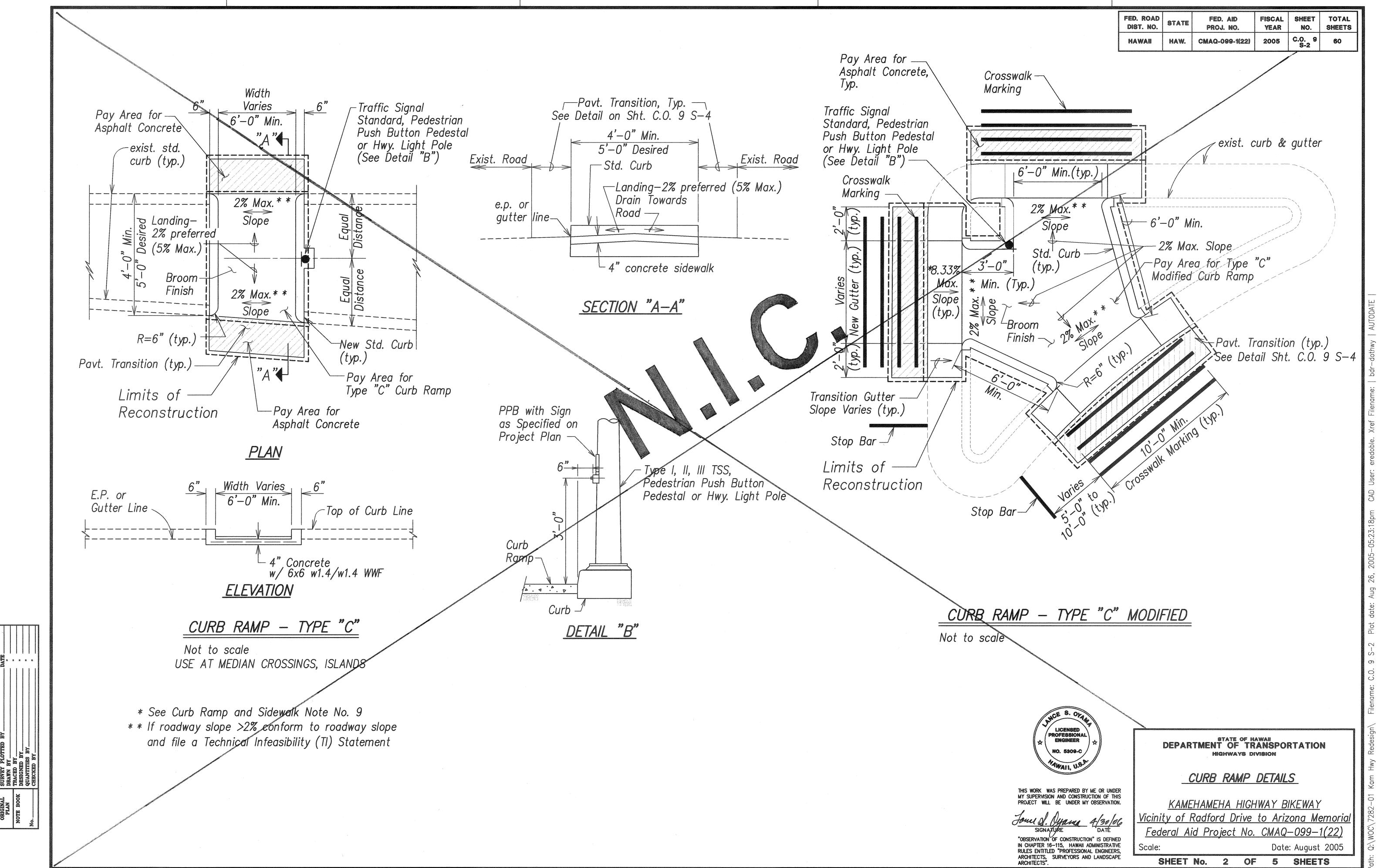
Date: June, 2004

SHEET No. 3 OF 3 SHEETS



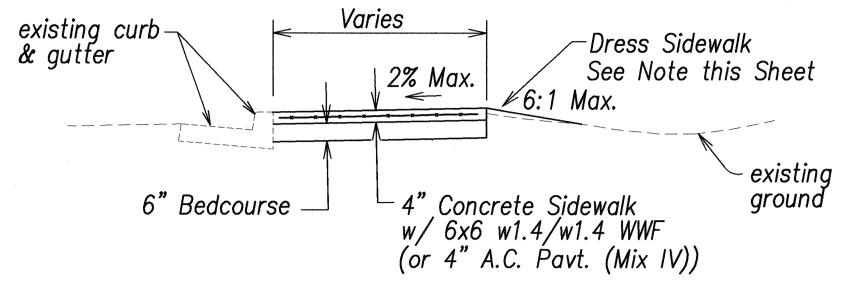
C.O. 9 S-1

"AC-BUILT"



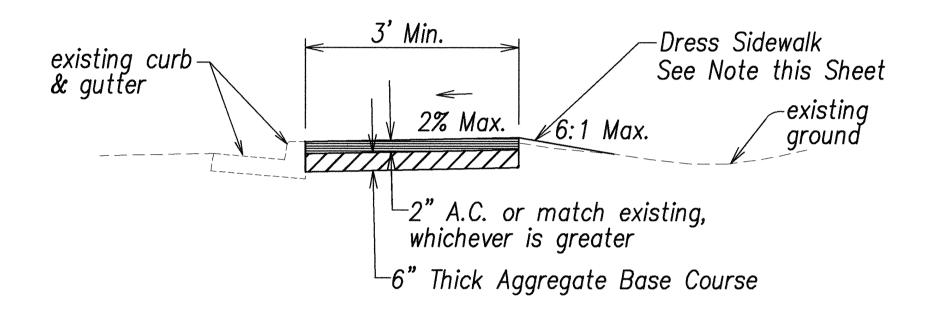
"AC-BULT"

C.O. 9 S-2



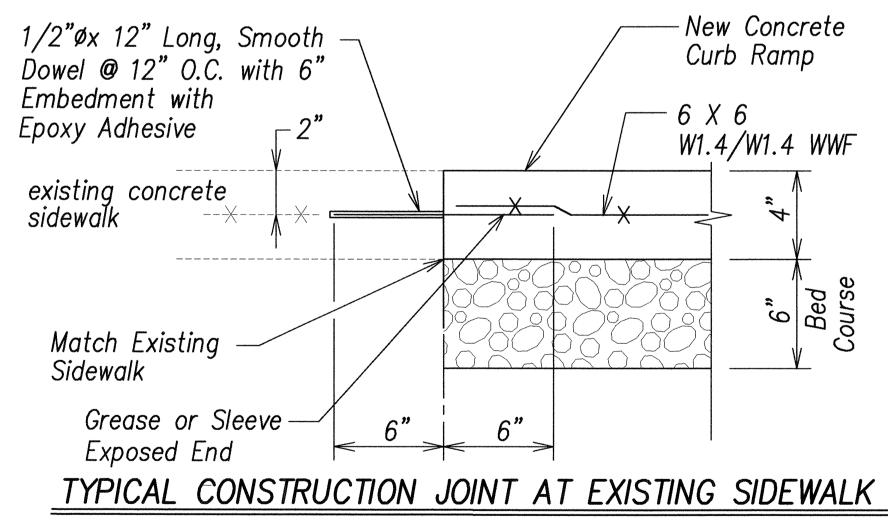
SIDEWALK DETAIL

Not to scale



A.C. SIDEWALK DETAIL

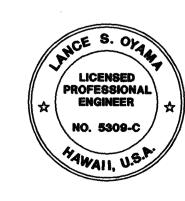
Not to scale



Not to scale

NOTES:

- 1. Dressing of sidewalk shall consist of clearing, grubbing, grading, reshaping and compacting the area adjacent to the improvement with suitable material as shown on the plans and/or as directed by the Engineer. If existing ground is asphalt or concrete surface, dress sidewalk with A.C. pavement, Mix No. IV. This work shall be considered incidental to the new sidewalk.
- 2. Transverse and Longitudinal Weakened Plane Joints for sidewalk shall be considered incidental to the New Sidewalk.
- 3. Installation of dowels and tie bars including drilling, and epoxy grout shall be incidental to Sidewalk.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS

Jame Of. Oyang 4/30/06
SIGNATURE DATE "OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

DEPARTMENT OF TRANSPORTATION

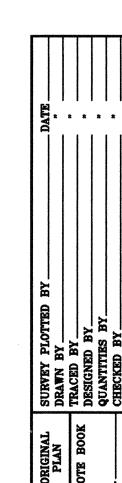
MISCELLANEOUS DETAILS

KAMEHAMEHA HIGHWAY BIKEWAY

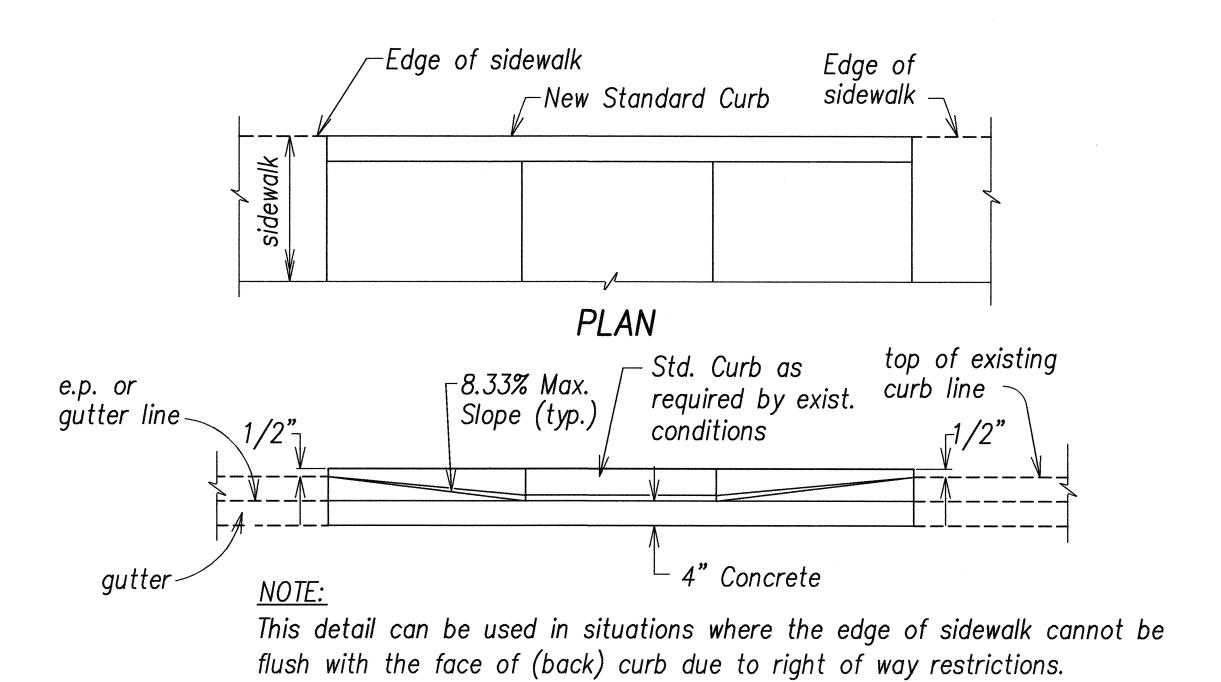
Vicinity of Radford Drive to Arizona Memorial Federal Aid Project No. CMAQ-099-1(22)

Date: August 2005

SHEET No. 3 OF 5 SHEETS C.O. 9 S-3



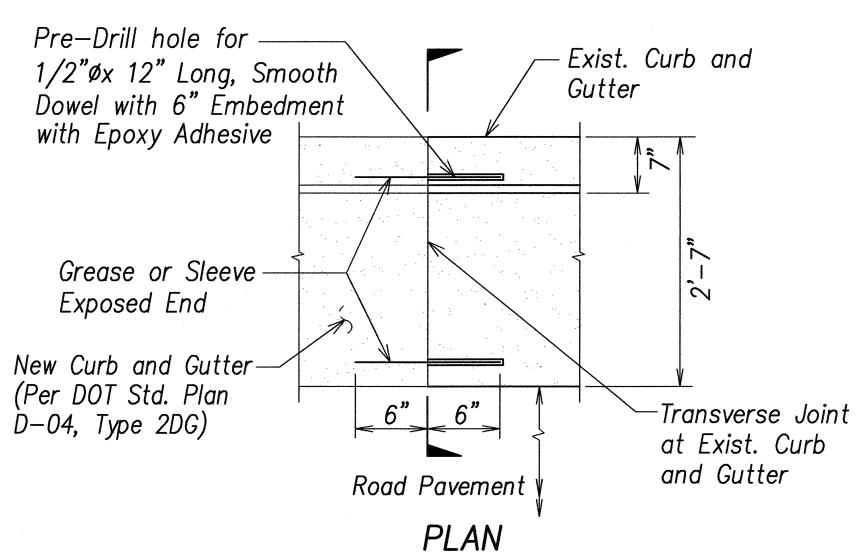
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-099-1(22)	2005	C.O. 9 S-4	60



ELEVATION

DETAIL - BACK CURB

Not to scale



<u>NOTE:</u> All curb ramps shall

be reinforced.

CURB AND GUTTER CONNECTION

Not to scale

Curb Line

2'-7"

7"
2'-0"

New Curb and Gutter (Per DOT Std. Plan D-04, Type 2DG)

3"

3"

3"

5"

1/2" Ø Smooth Dowels, 12" Long, Typ.

SECTION

Sawcut exist. a.c. pavt. roadway

2' Min. Transition Pavt. exist. a.c. pavt. lift

or as shown in plans

1' Min. riding connection

4" A.C. Pavt. (Mix IV)

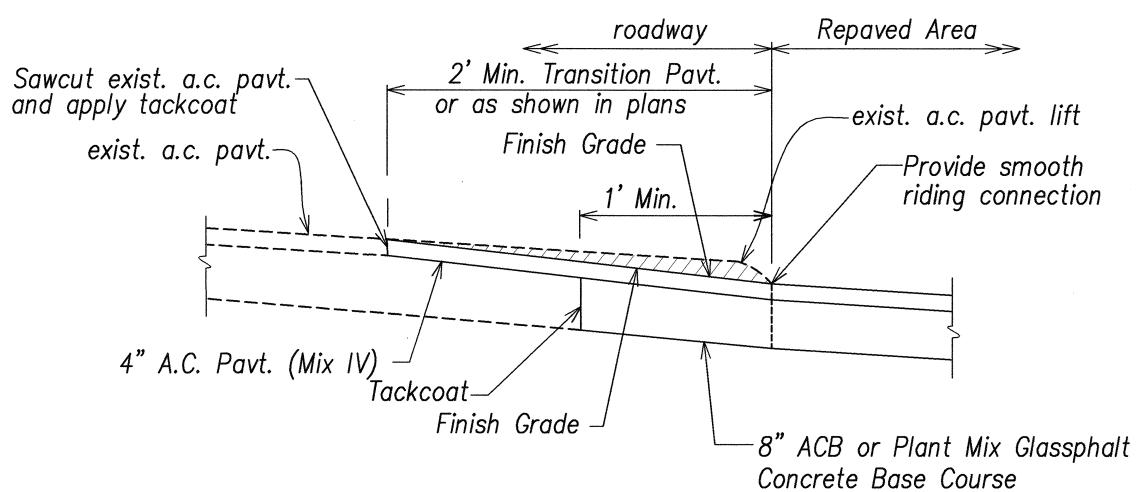
Tackcoat

Finish Grade

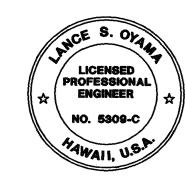
8" ACB or Plant Mix Glassphalt Concrete Base Course

PAVEMENT TRANSITION DETAIL

Not to scale



PAVEMENT RESTORATION DETAIL
Not to scale



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

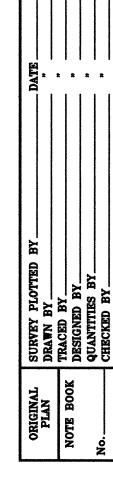
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

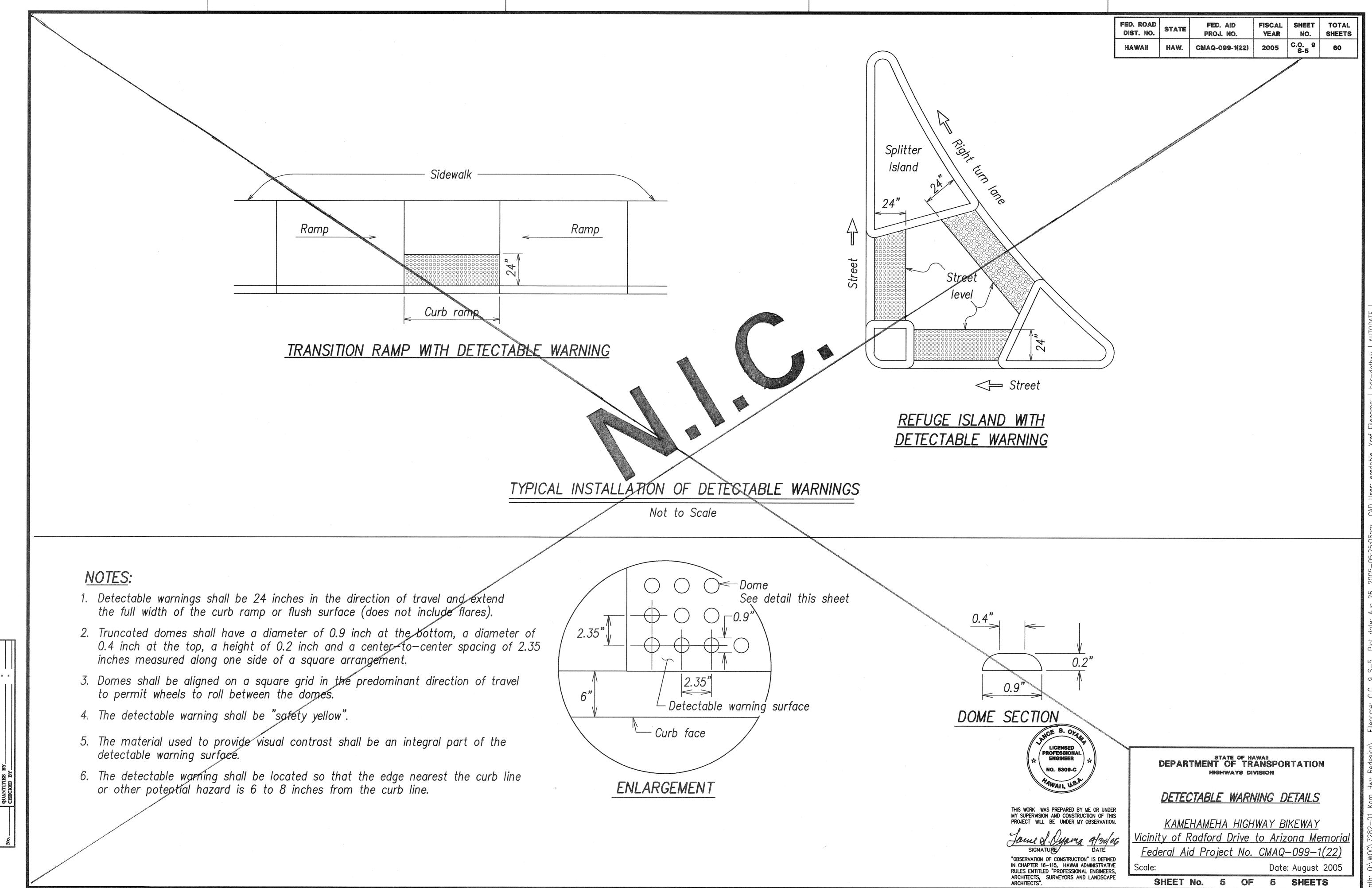
MISCELLANEOUS DETAILS

KAMEHAMEHA HIGHWAY BIKEWAY
Vicinity of Radford Drive to Arizona Memorial
Federal Aid Project No. CMAQ-099-1(22)

e: Date: August 2005 SHEET No. 4 OF 5 SHEETS

CO. 9S-4





"AC-BUILT"

C.O. 9 S-5