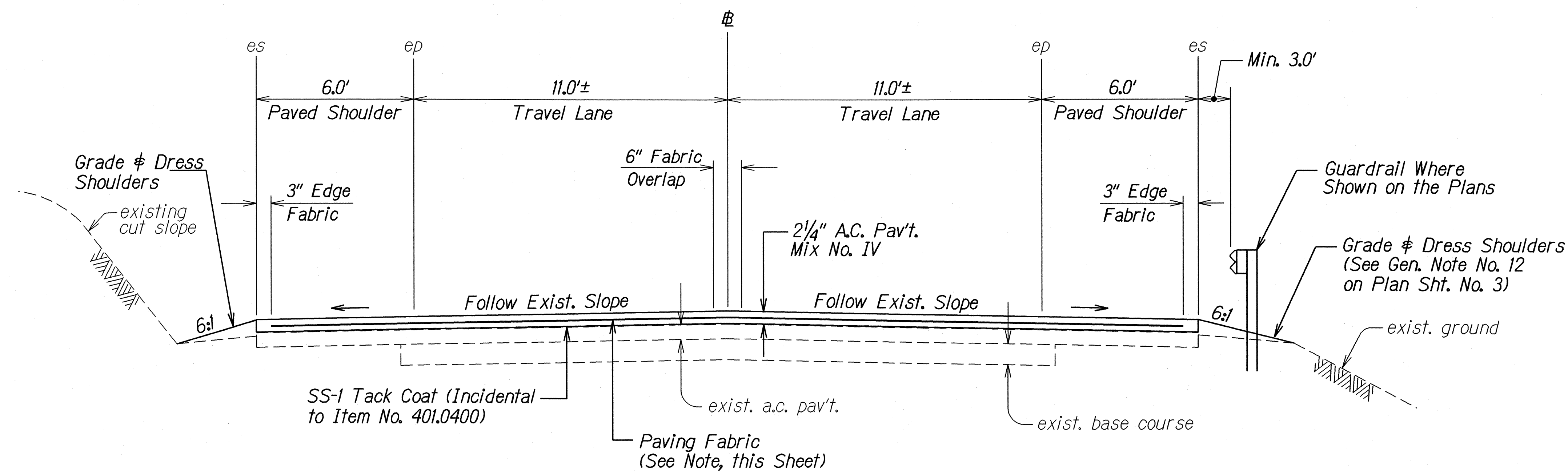


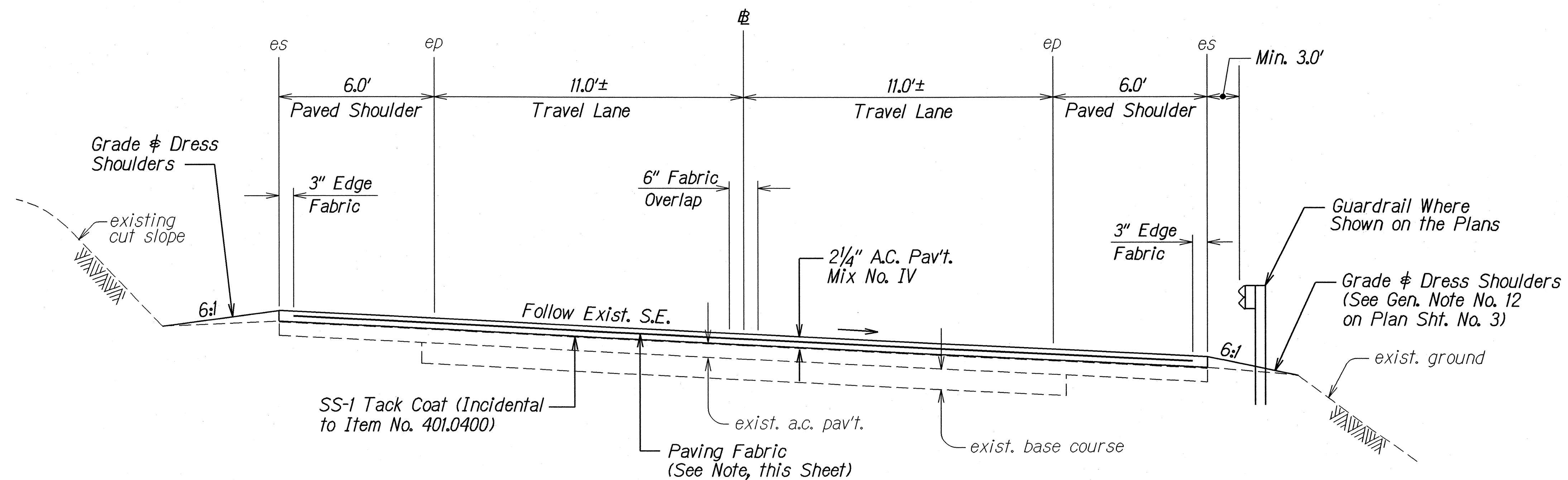
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50A-01-02M	2004	6	31



TANGENT SECTION

Scale: $\frac{3}{8}" = 1'-0"$

NOTE: Paving fabric shall be provided from Sta. 0+00 to Sta. 19+70.75 (Lio Road) and from Sta. 44+60 to Sta. 49+00 (Kaumualii Highway), excluding reconstructed and cold-planed areas.



SUPERELEVATED SECTION

Scale: $\frac{3}{8}" = 1'-0"$

SURVEY PLOTTED BY	DATE
DRAWN BY	Jan. 2003
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

KAUMUALII HIGHWAY RESURFACING

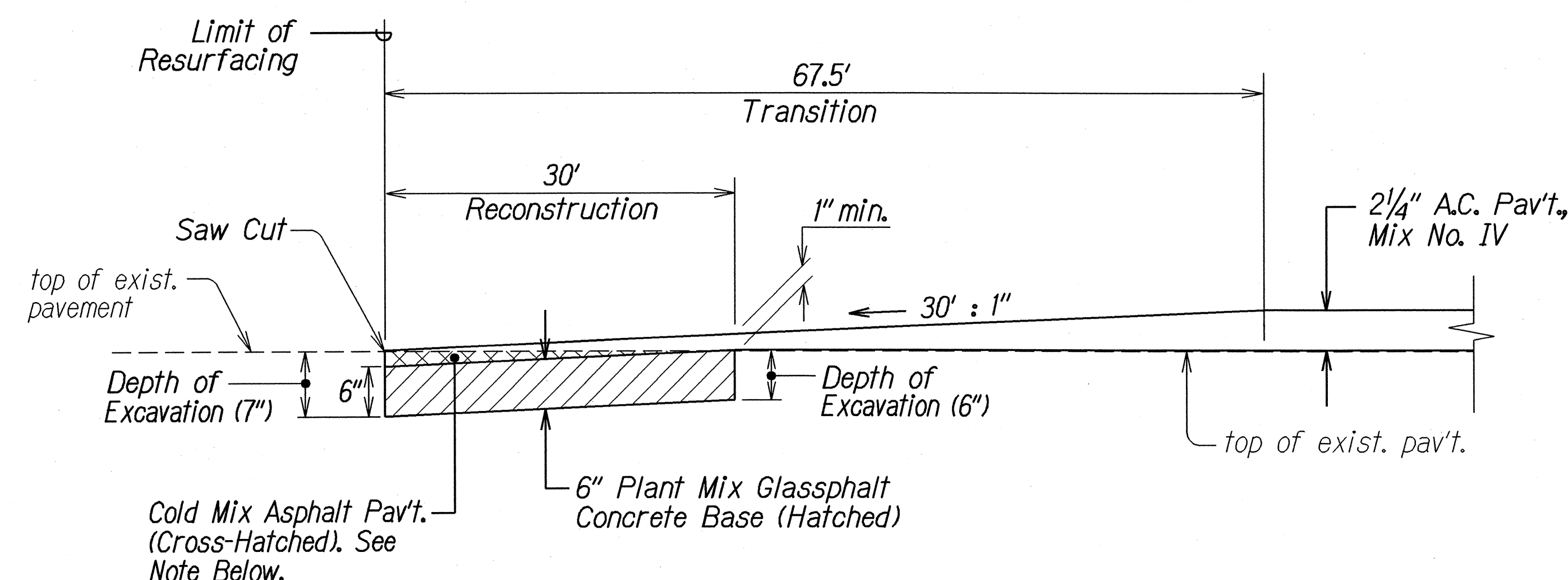
Vicinity of Mana

Project No. 50A-01-02M

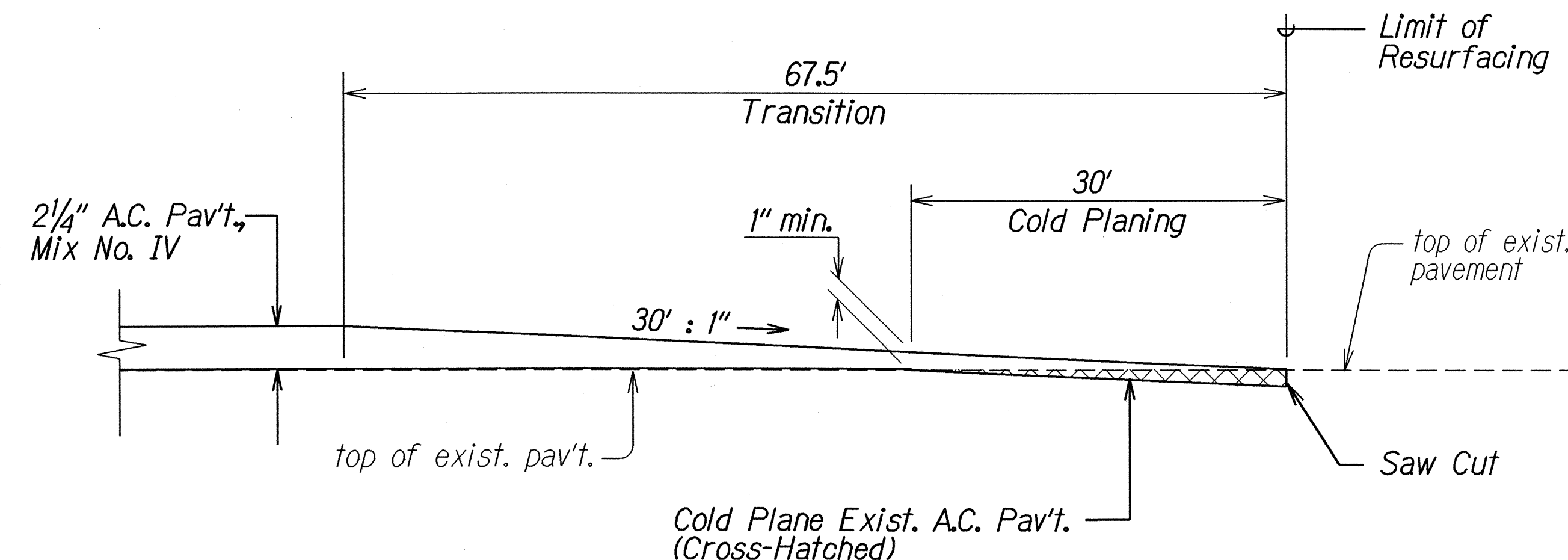
Scale: As Shown Date: August 2003

SHEET No. 1 OF 5 SHEETS

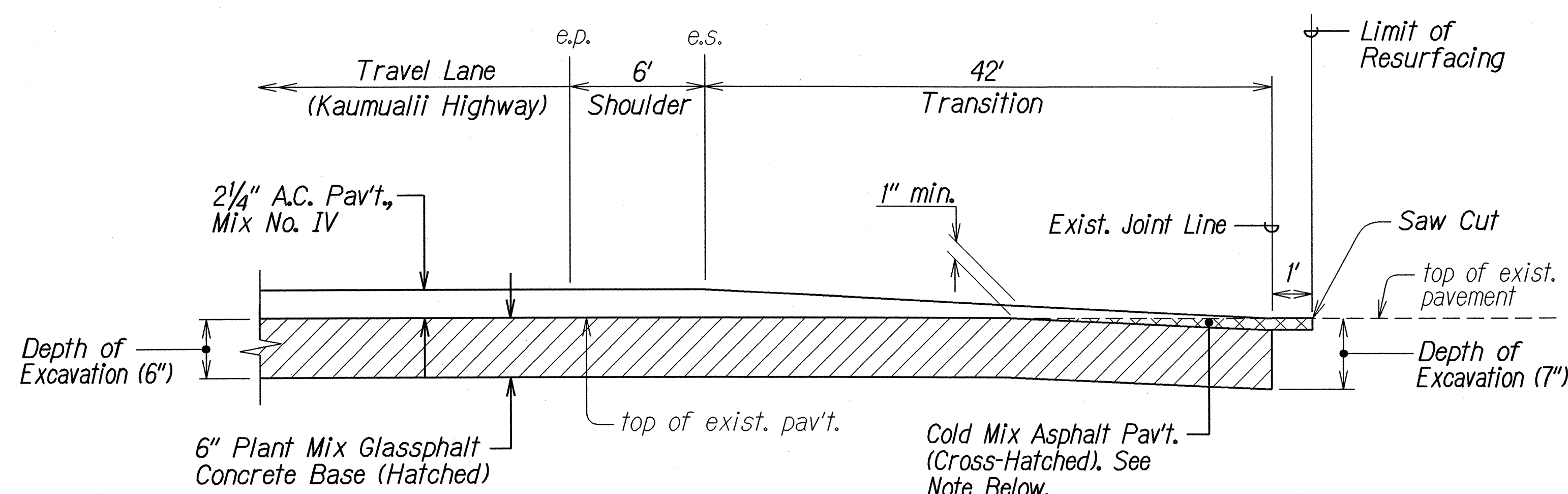
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50A-01-02M	2004	7	31



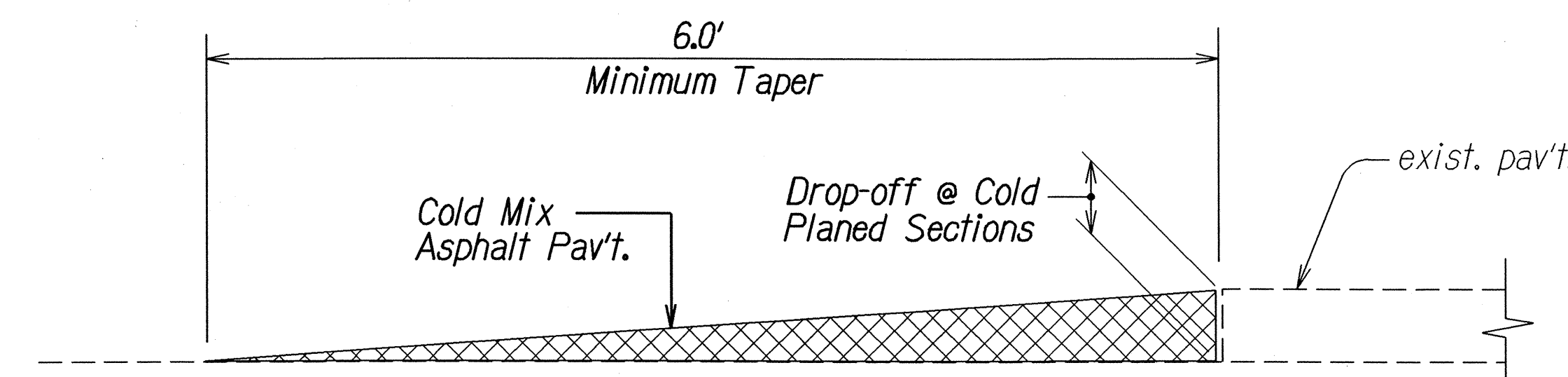
TRANSITION AT BEGINNING OF PROJECT
Not to Scale



TRANSITION AT END OF PROJECT AND AT KAO ROAD AND SPUR ROAD
Not to Scale



TRANSITION AT IMILOA ROAD
Not to Scale



TEMPORARY TRANSITION AT COLD PLANED AREAS
Not to Scale

NOTE: Contractor shall construct temporary pavement taper to prevent sharp pavement drop-offs at all cold planed sections. Prior to final placing of A.C. Pavement, Mix No. IV, temporary pavement taper shall be removed and disposed. Furnishing, installing, removing and disposing of the cold mix asphalt pavement for temporary pavement taper shall not be paid for separately but shall be considered incidental to contract Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.

NOTE: After placing plant mix glassphalt concrete base (hatched area), place cold mix asphalt pavement (cross-hatched area) over concrete base as shown. Remove and dispose cold mix asphalt pavement prior to final placing of A.C. Pav't, Mix No. IV. Furnishing, installing, removing and disposing of the cold mix asphalt pavement shall not be paid for separately but shall be considered incidental to contract Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.

ORIGINAL PLAN	DATE	10/1/03
SURVEY PLOTTED BY	DATE	10/1/03
DRAWN BY	DATE	10/1/03
CHECKED BY	DATE	10/1/03
NOTED BY	DATE	10/1/03
DESIGNED BY	DATE	10/1/03
QUANTITIES BY	DATE	10/1/03
CHECKED BY	DATE	10/1/03

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

KAUMUALII HIGHWAY RESURFACING

Vicinity of Mana

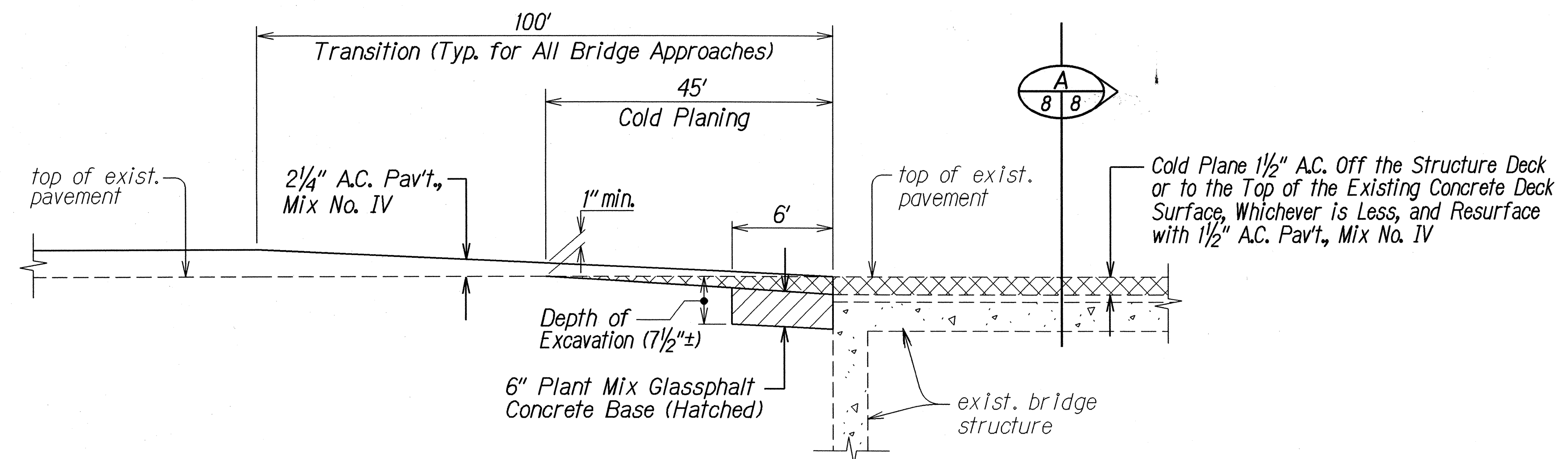
Project No. 50A-01-02M

Scale: As Shown

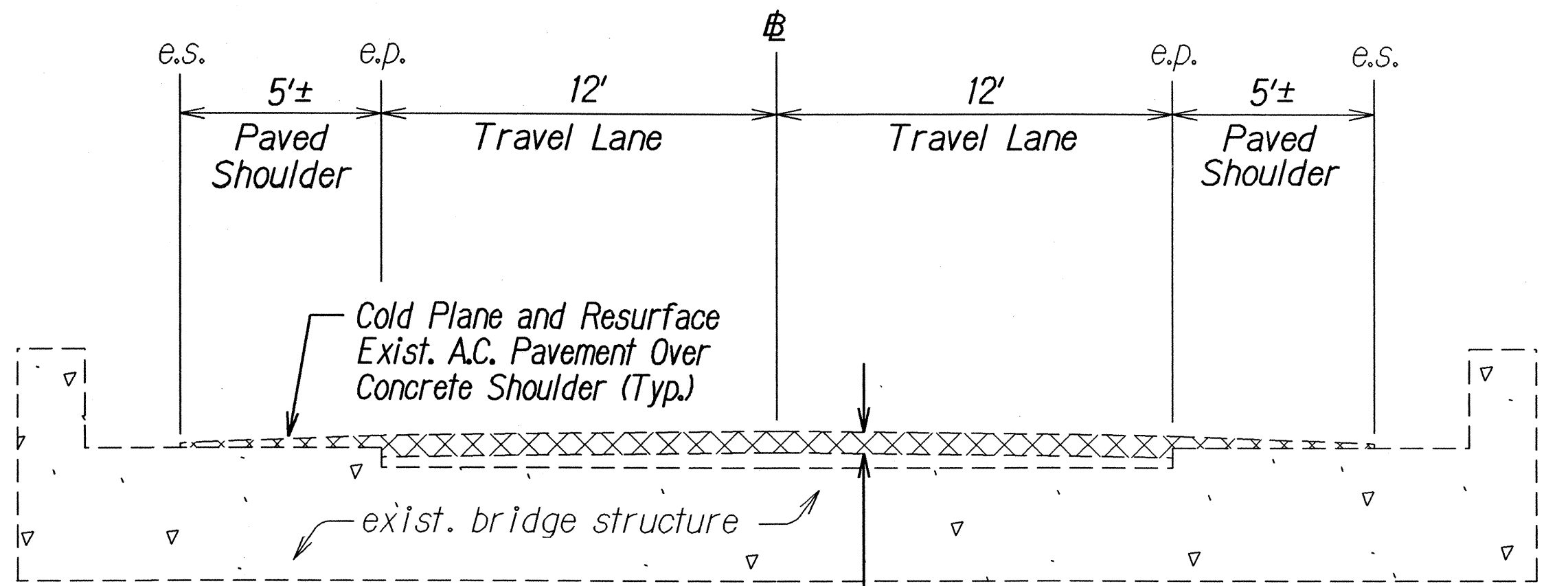
Date: August 2003

SHEET No. 2 OF 5 SHEETS

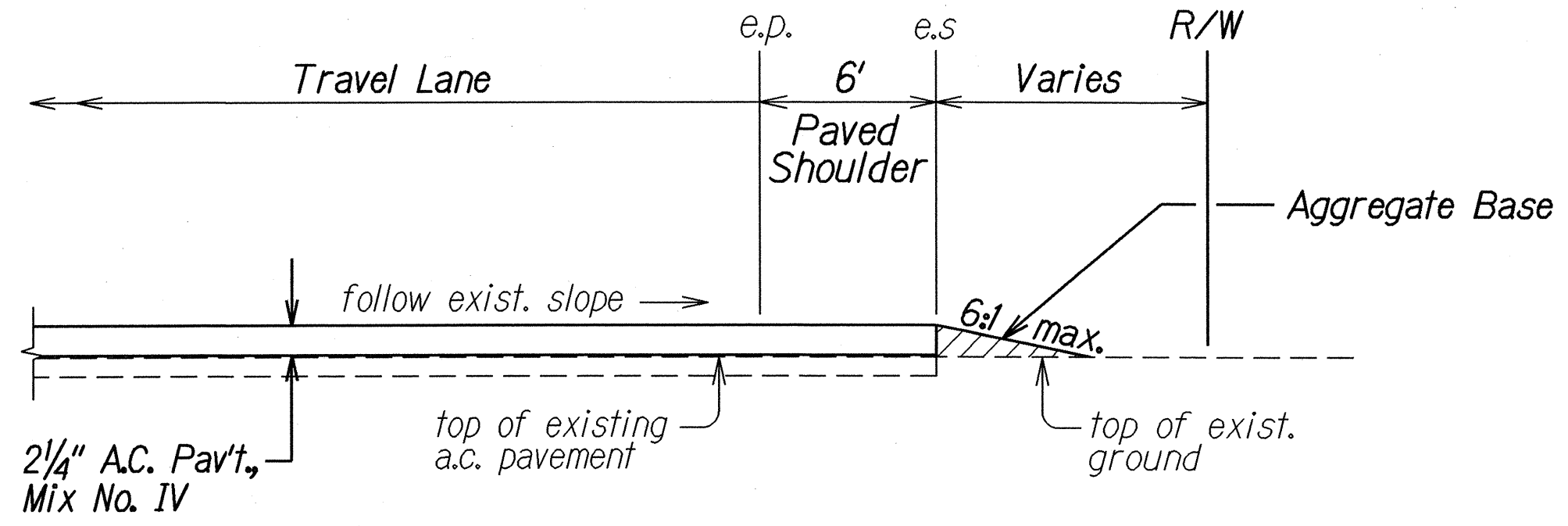
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50A-01-02M	2003	8	31



TRANSITION AT BRIDGES NO. 1 & 2
Not to Scale

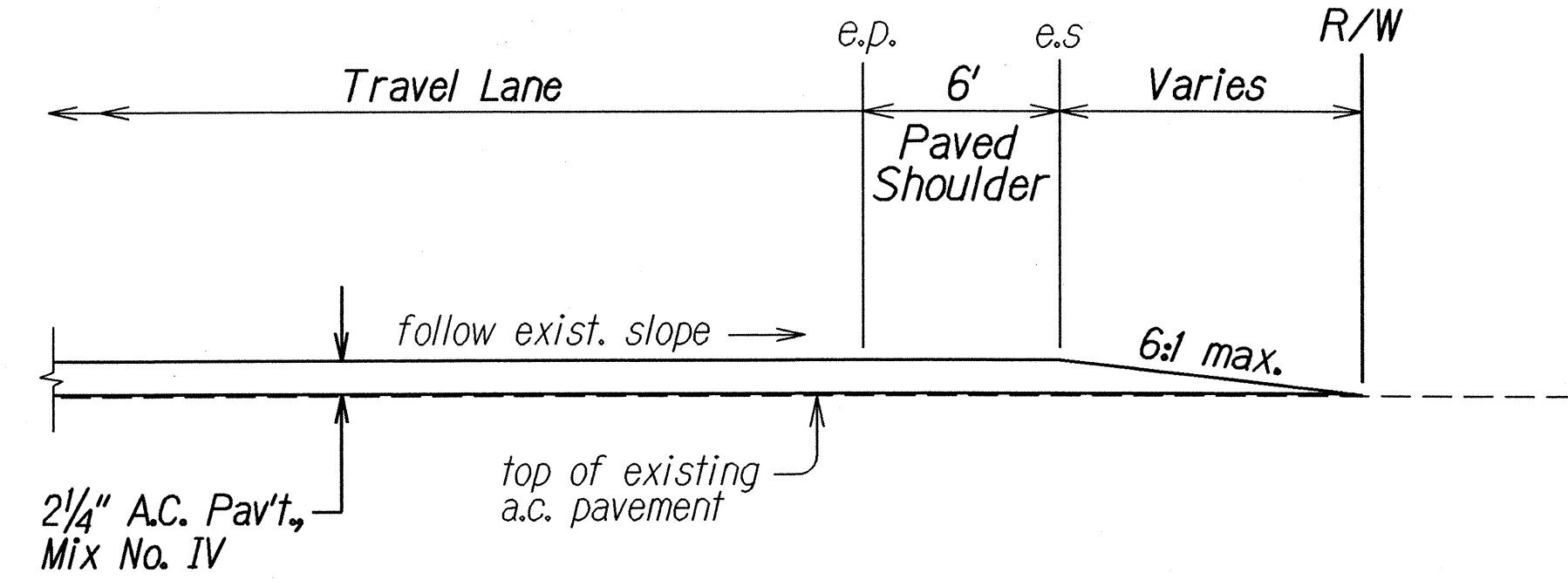


SECTION
Not to Scale



RESURFACING AT UNPAVED DRIVEWAY
Not to Scale

NOTE: Whether or not shown on the plans, aggregate base course shall be provided for all unpaved driveways. This work shall not be paid for separately, but shall be considered incidental to contract Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.



RESURFACING AT PAVED DRIVEWAY
Not to Scale

NOTE: When shown on the plans, driveways and/or public roadways shall be cold planed prior to resurfacing.

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	Jan 2004
DRAWN BY	
NOTED BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

KAUMUALII HIGHWAY RESURFACING

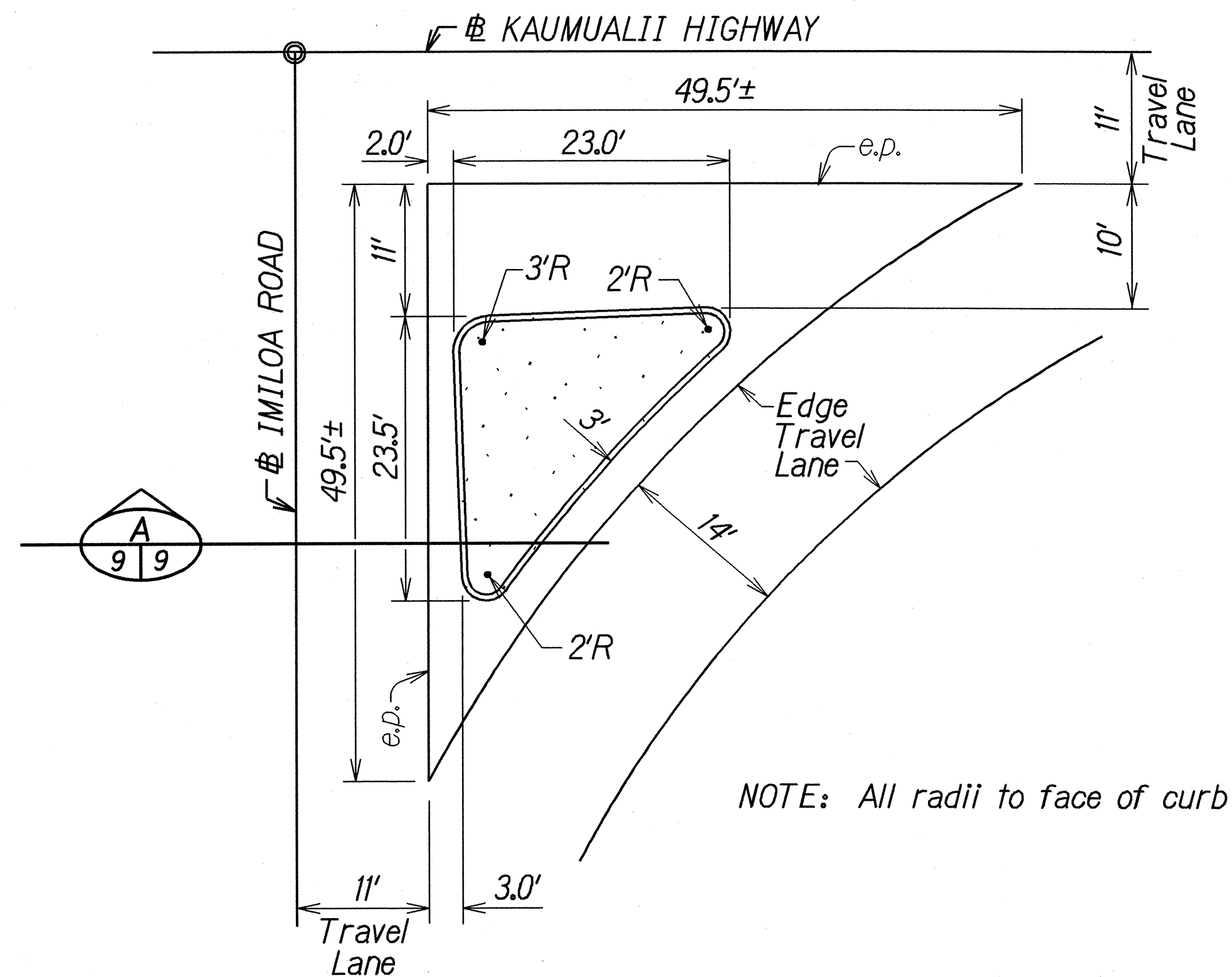
Vicinity of Mana

Project No. 50A-01-02M

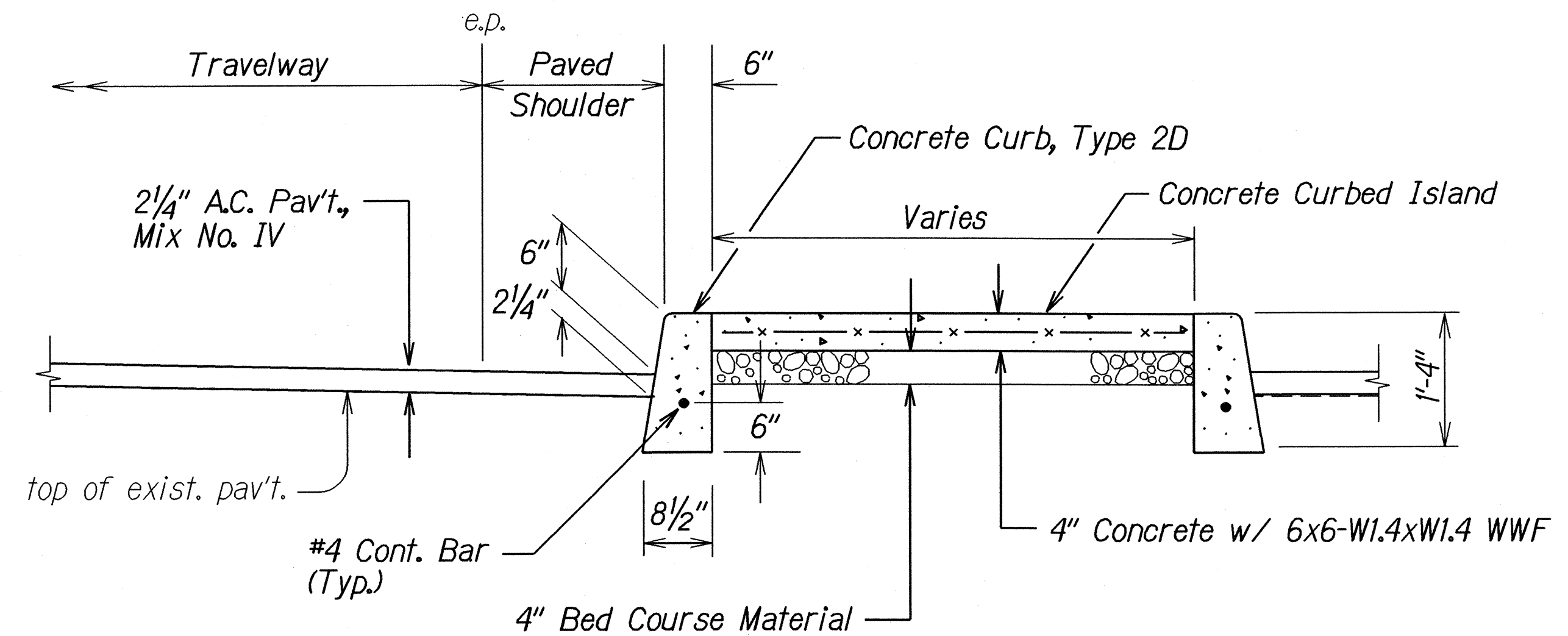
Scale: As Shown Date: August 2003

SHEET No. 3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50A-01-02M	2004	9	31

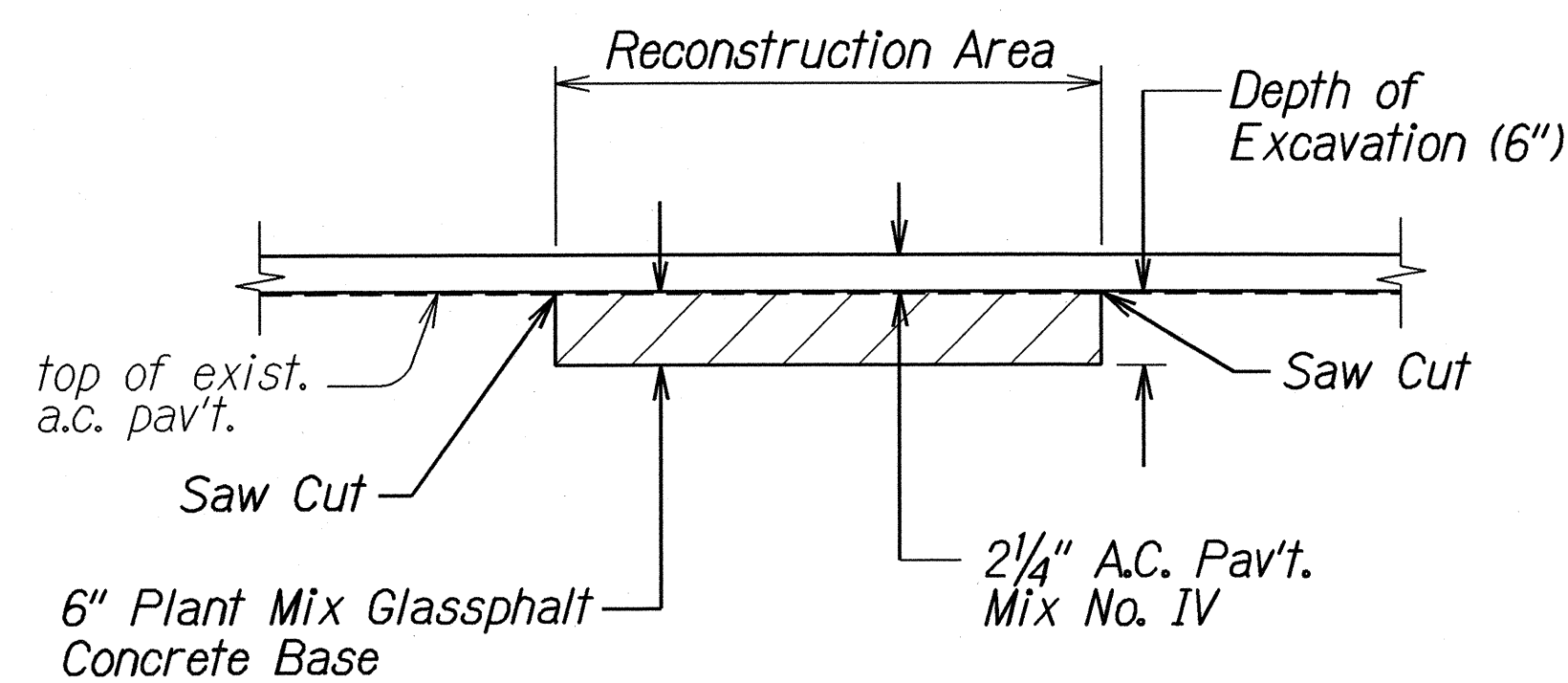


TYPICAL CONCRETE CURBED ISLAND LAYOUT
Not to Scale

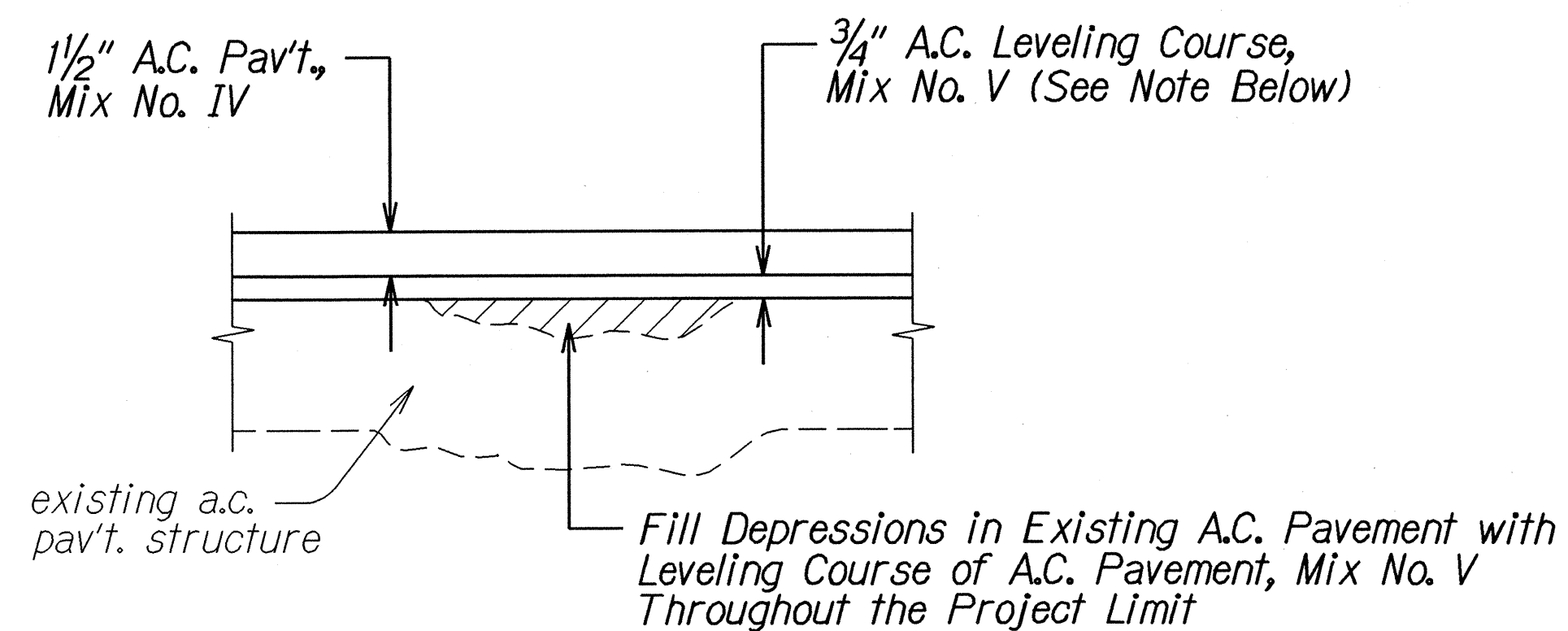


SECTION A-A
Not to Scale

NOTE: Bed course material and wire mesh reinforcement for the curbed concrete island shall not be paid for separately but shall be considered incidental to contract Item No. 608.3000 - Concrete Curbed Island.



A.C. PAVEMENT RECONSTRUCTION DETAIL
Not to Scale



LEVELING COURSE DETAIL
Not to Scale

ORIGINAL PLAN	DATE	10/20/03
SURVEY PLOTTED BY		
DRAWN BY		
CHECKED BY		
NOTED BY		
QUANTITIES BY		
CHECKED BY		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

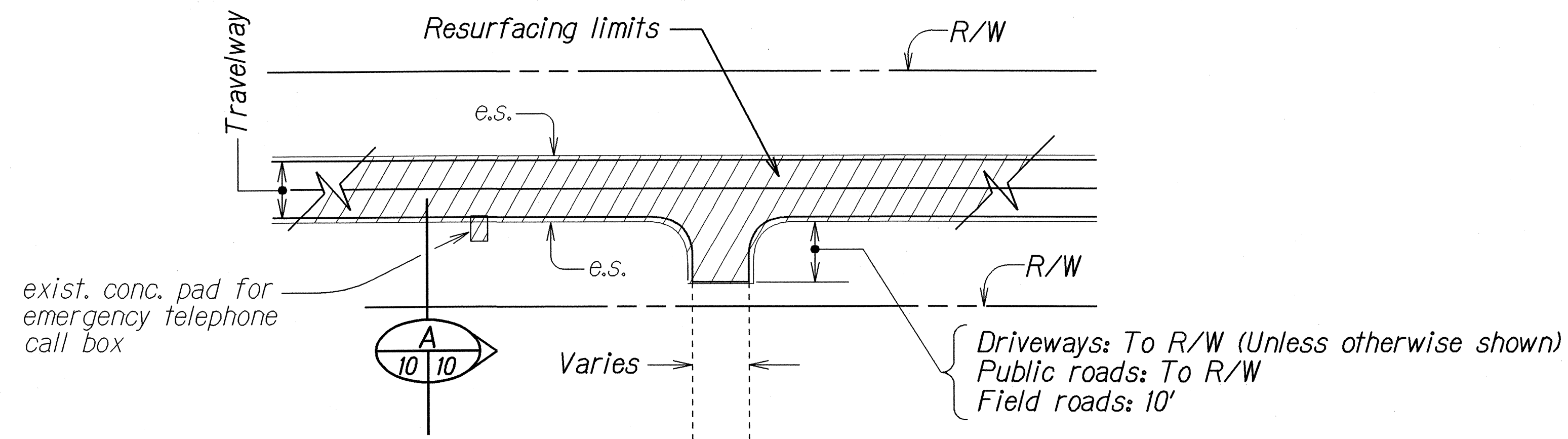
TYPICAL SECTIONS

KAUMUALII HIGHWAY RESURFACING
Vicinity of Mana
Project No. 50A-01-02M

Scale: As Shown Date: August 2003

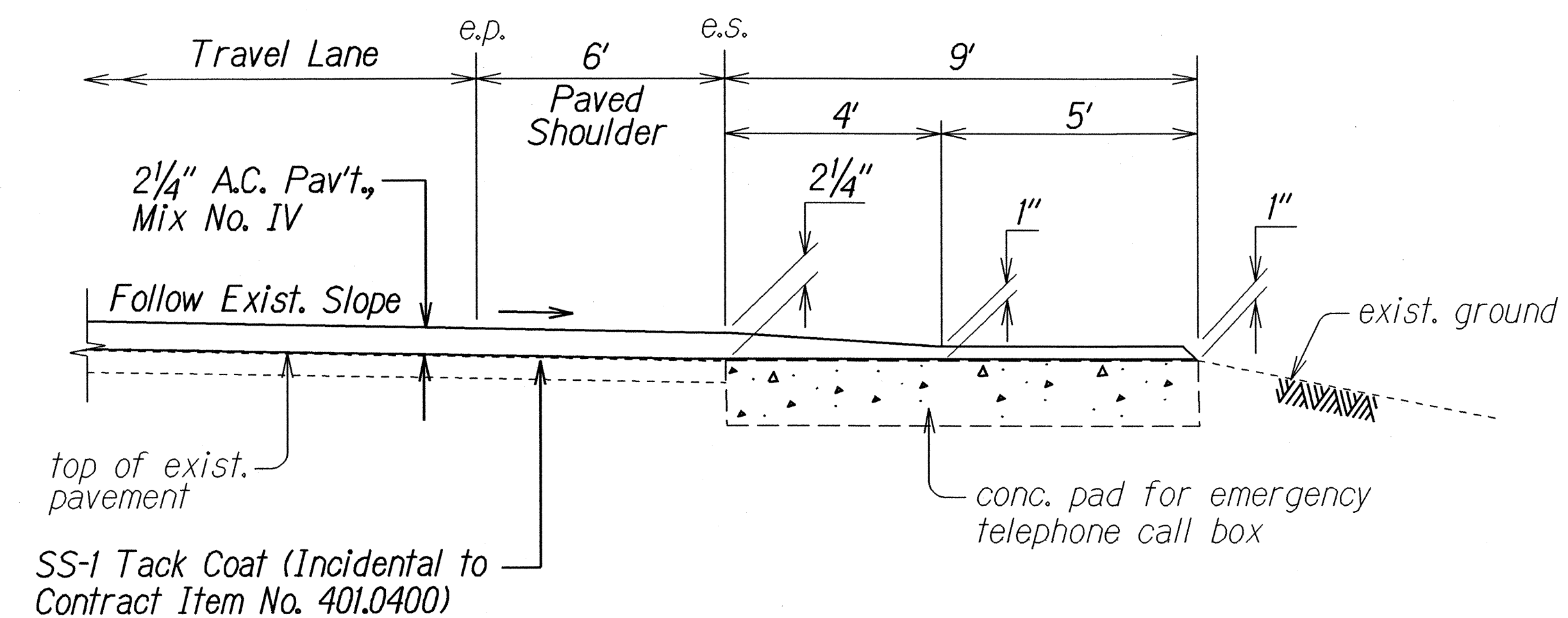
SHEET No. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50A-01-02M	2004	10	31



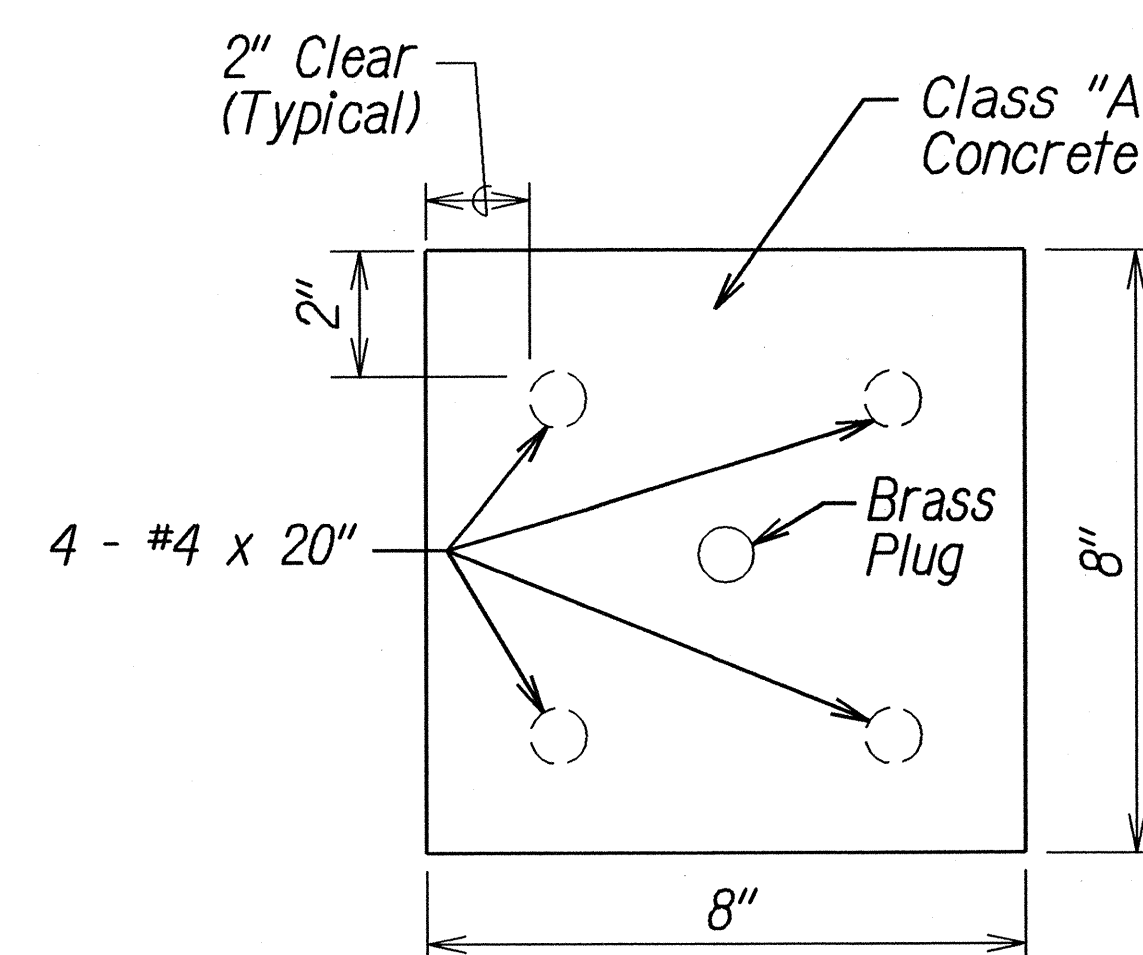
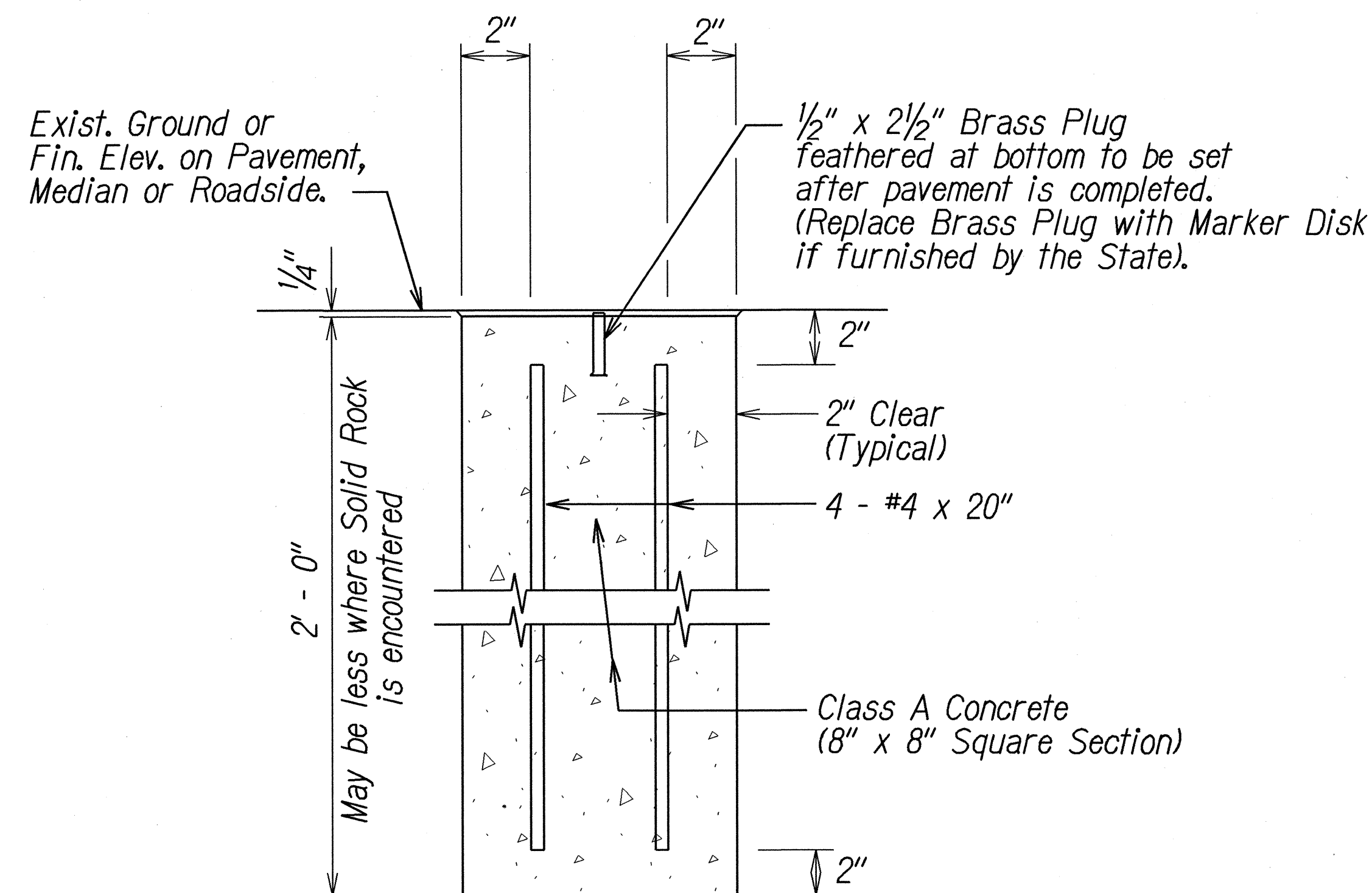
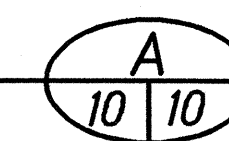
PLAN

TYPICAL RESURFACING LIMITS
Not to Scale



SECTION

Not to Scale



PLAN VIEW

DETAIL FOR CENTERLINE & REFERENCE
SURVEY MONUMENT
Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

KAUMUALII HIGHWAY RESURFACING
Vicinity of Mana
Project No. 50A-01-02M

Scale: As Shown Date: August 2003

SHEET No. 5 OF 5 SHEETS