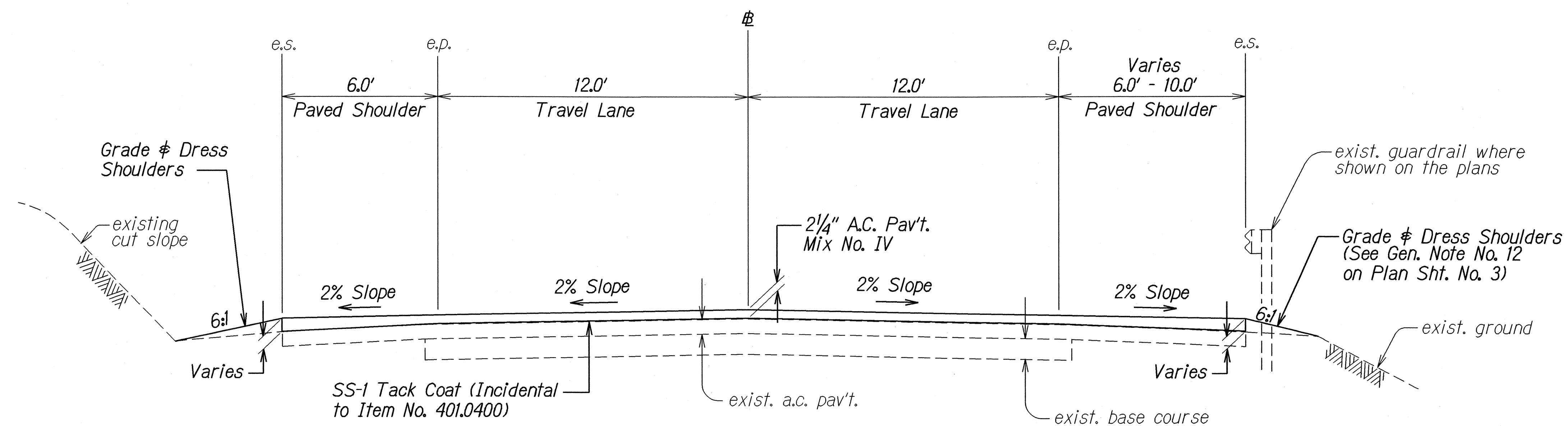
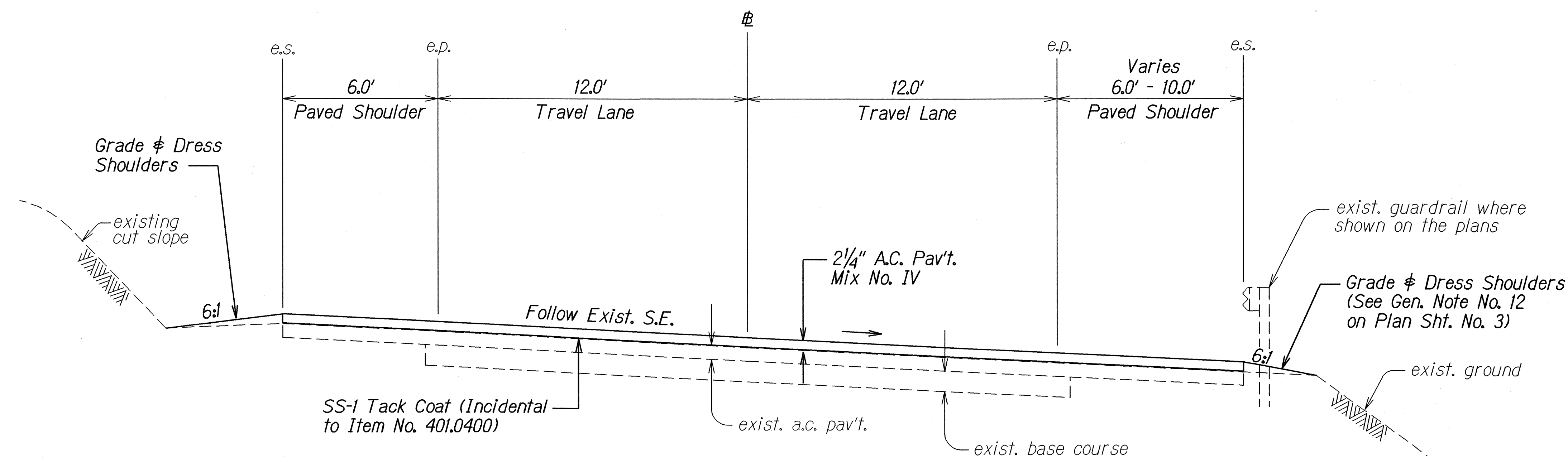


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	540A-01-02M	2004	6	39



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



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

DATE	7/20/03
SURVEY PLOTTED BY	...
DRAWN BY	...
DESIGNED BY	...
CHECKED BY	...
ORIGINAL PLAN	...
NOTE: WORK	...
DATE	...
BY	...
CHECKED BY	...
DATE	...

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

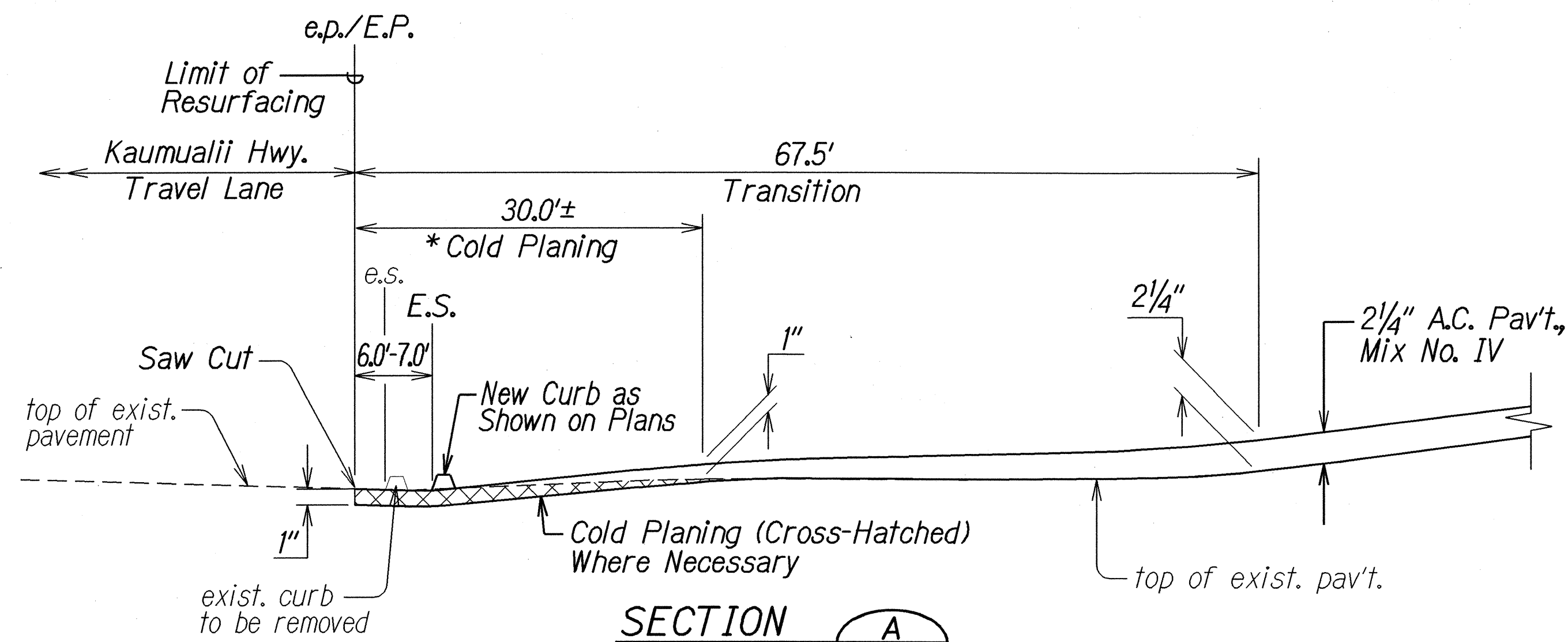
TYPICAL SECTIONS

HALEWILI ROAD RESURFACING
Kaunualii Highway to Vicinity of M.P. 1
Project No. 540A-01-02M

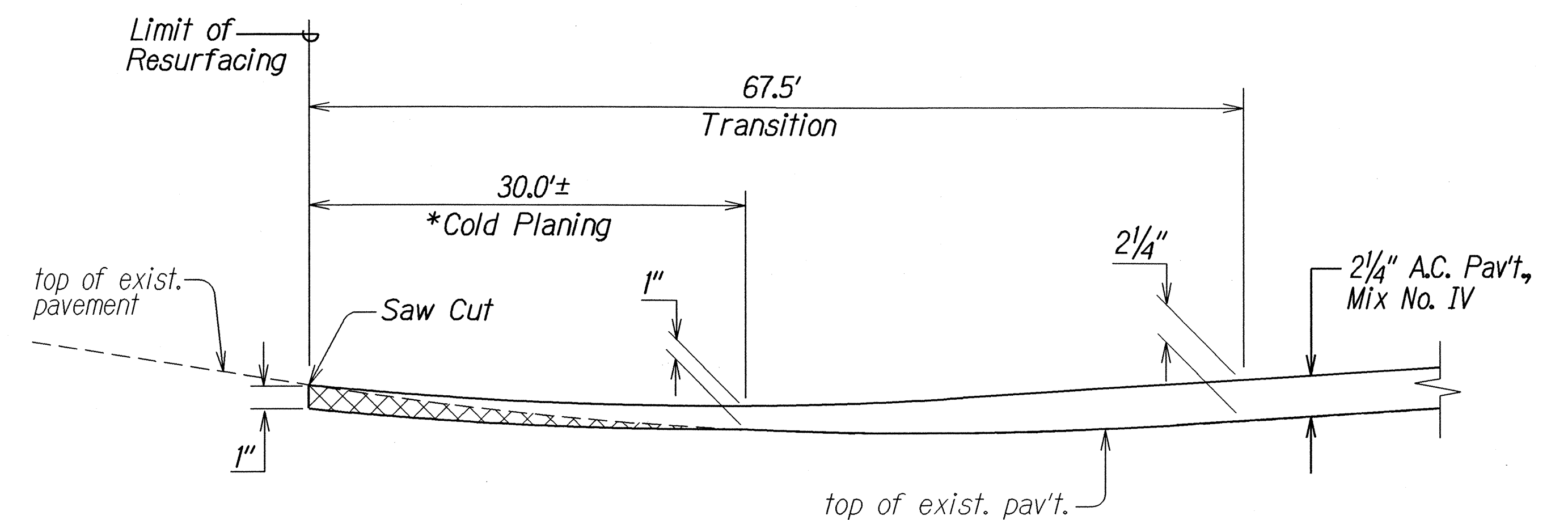
Scale: As Shown Date: July, 2003

SHEET No. 1 OF 7 SHEETS

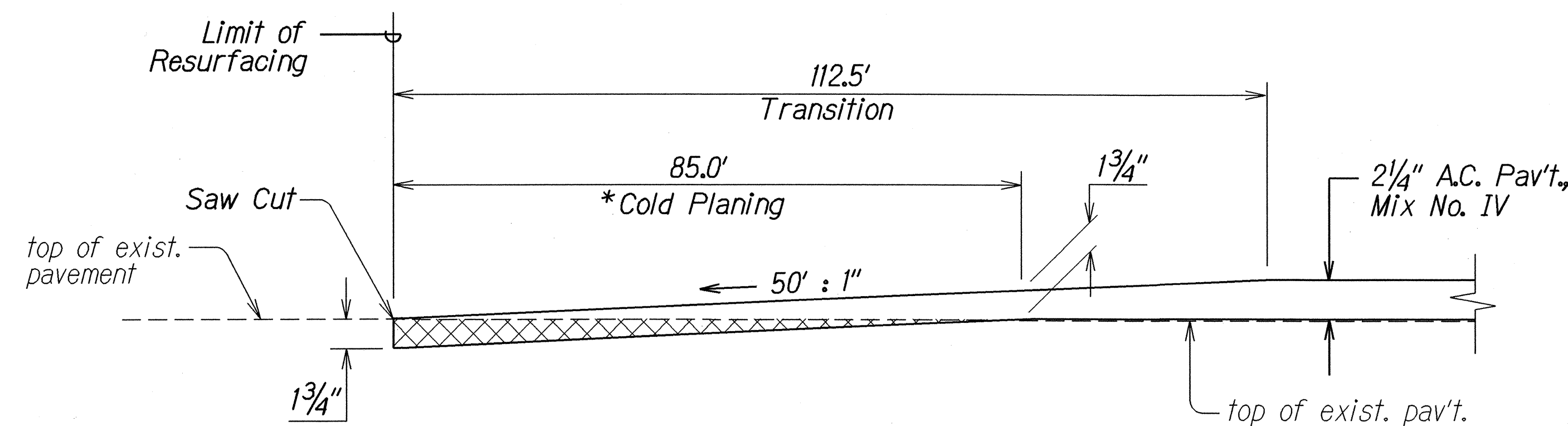
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	540A-01-02M	2004	7	39



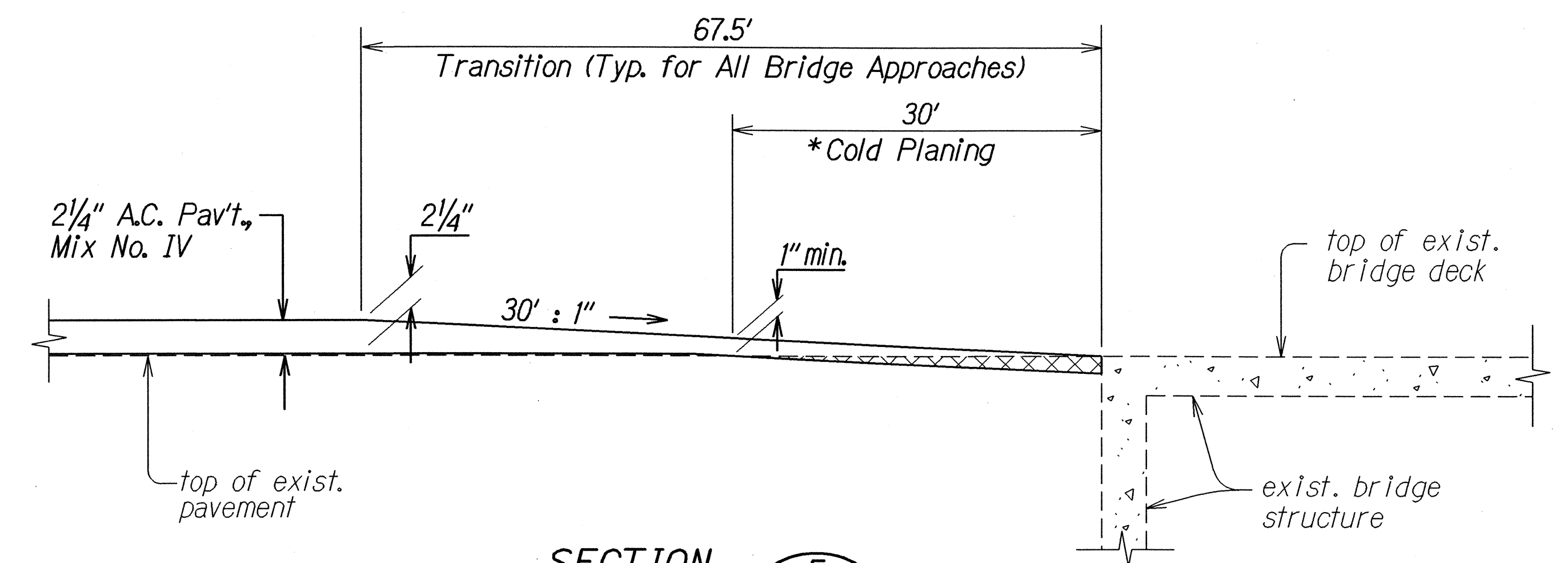
SECTION A
TRANSITION AT BEGINNING OF PROJECT
(KAUMUALII HWY. - HALEWILI ROAD INTERSECTION)
 Not to Scale



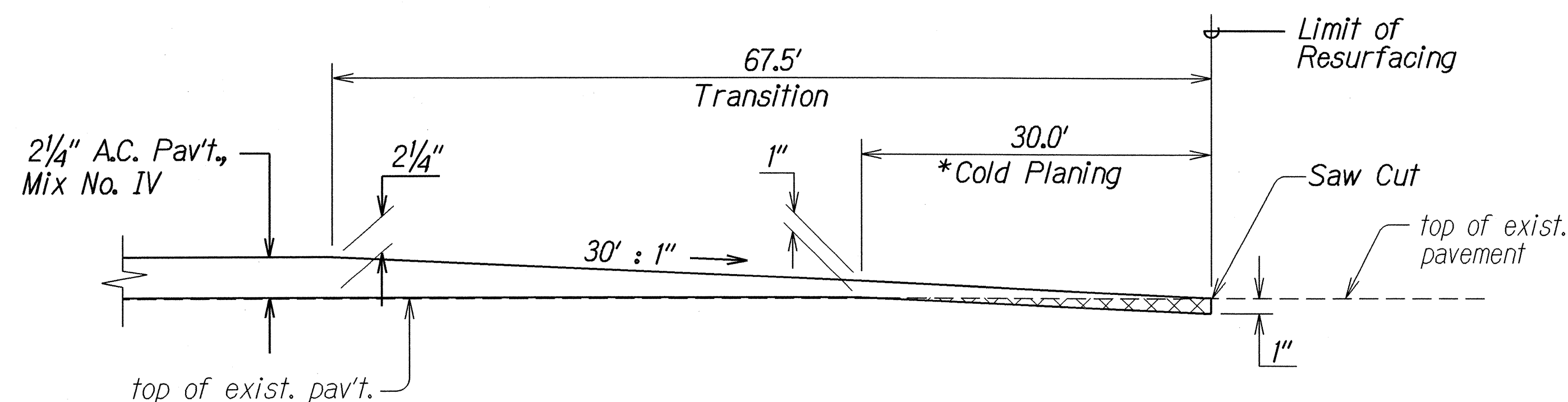
SECTION B
TRANSITION AT BEGINNING OF PROJECT
(KAUMUALII HWY. - RIGHT-TURN LANE INTERSECTION)
 Not to Scale



SECTION C
TRANSITION AT BEGINNING OF PROJECT
(KAUMUALII HWY. - SPUR ROAD INTERSECTION)
 Not to Scale



SECTION E
TRANSITION AT WAHIAWA BRIDGE
 Not to Scale



SECTION D
TRANSITION AT END OF PROJECT
 Not to Scale

*Place cold mix asphalt pavement (shown in cross-hatched area) immediately after cold planing existing pavement. Remove and dispose cold mix asphalt pavement prior to final placing of AC 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.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

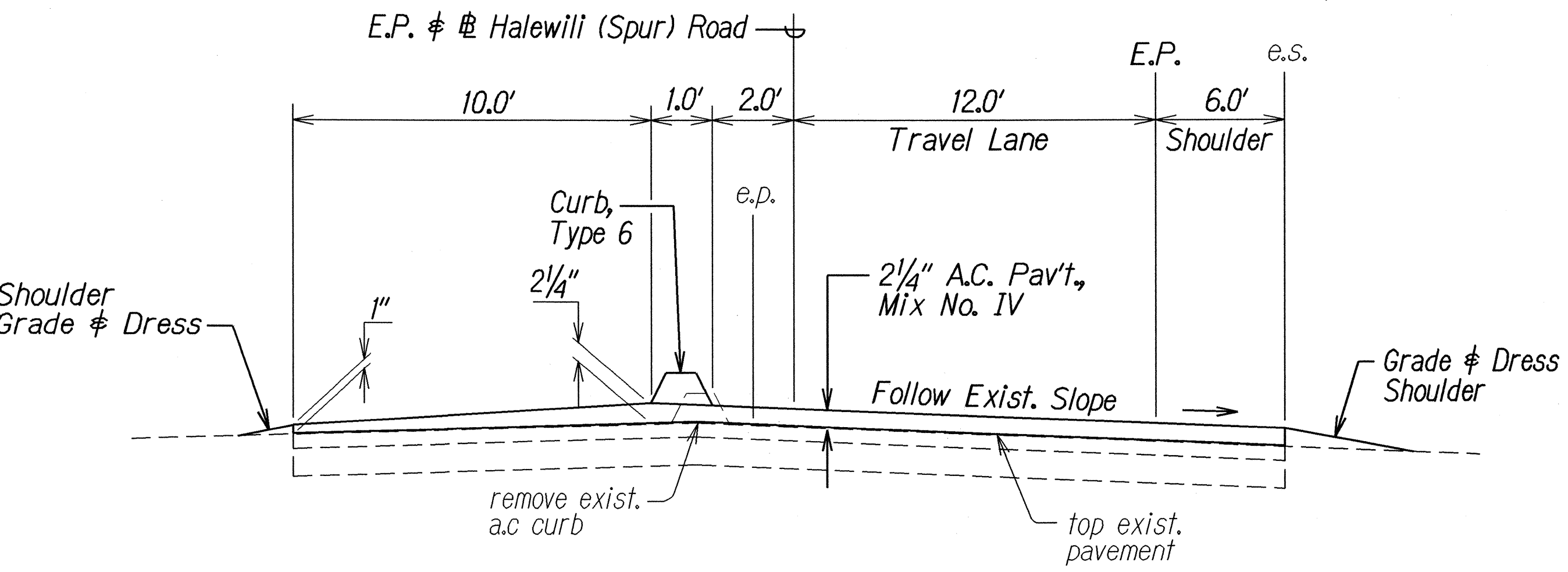
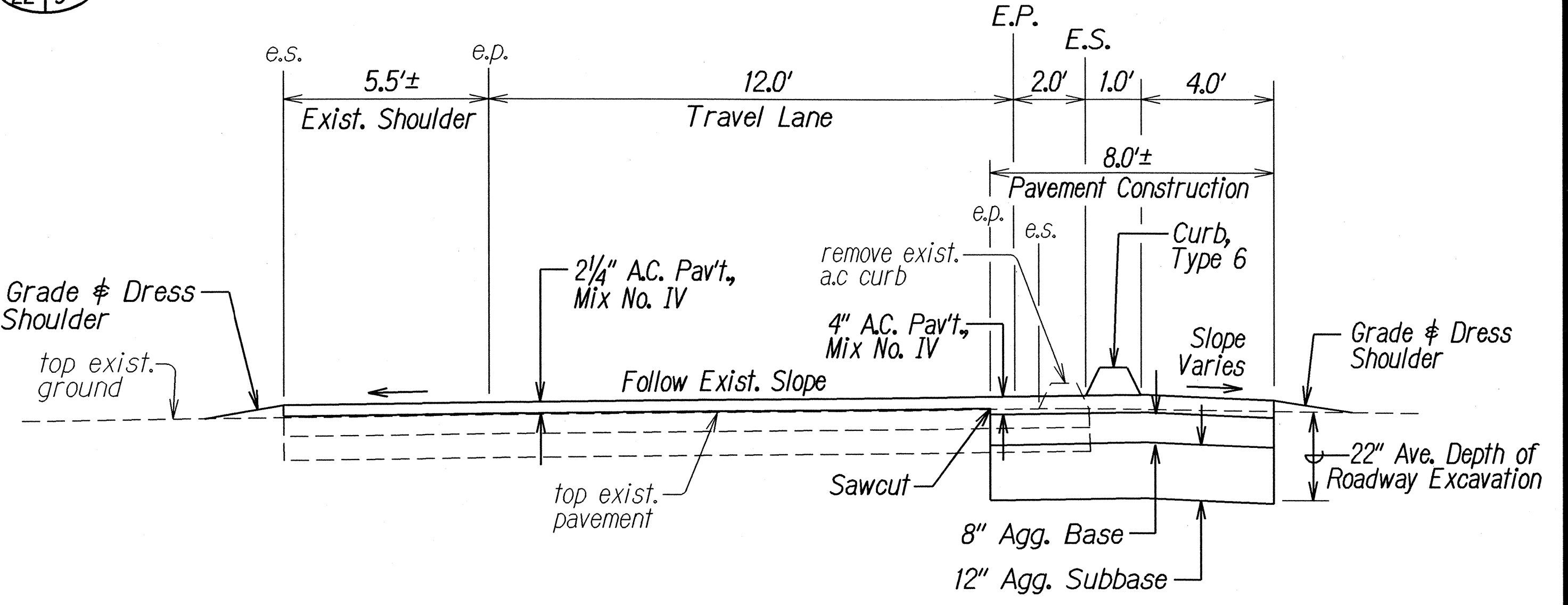
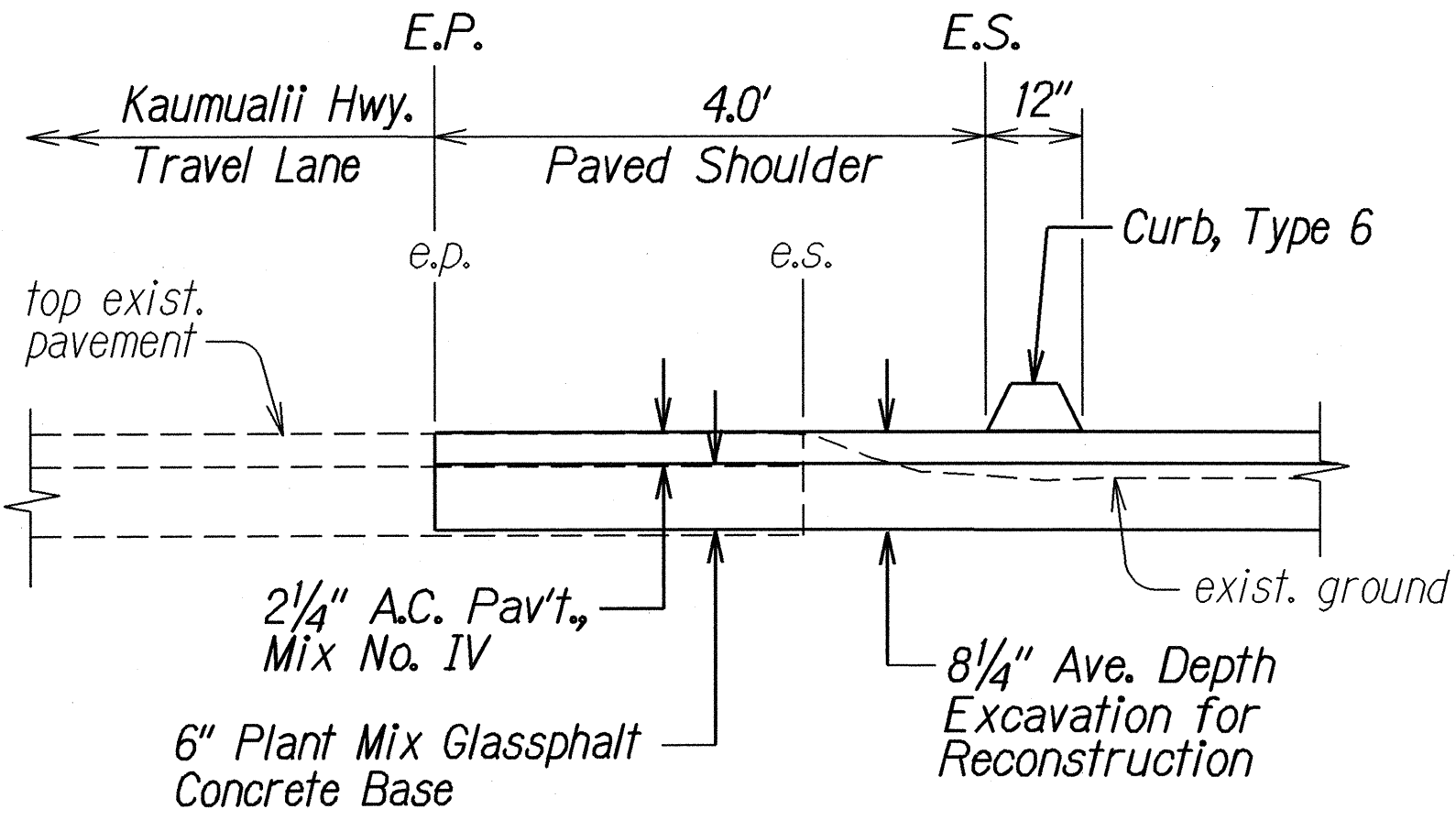
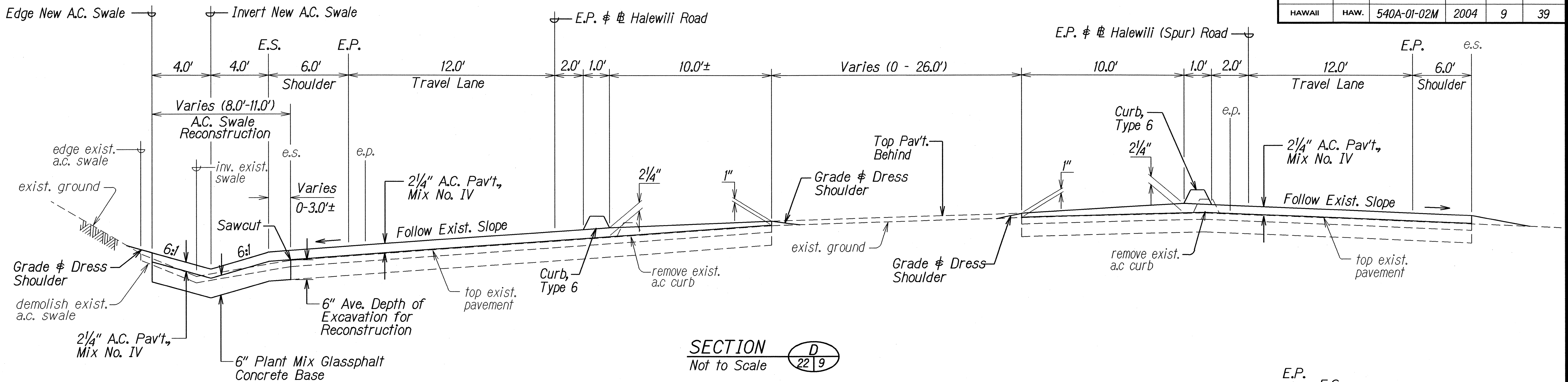
TYPICAL SECTIONS

HALEWILI ROAD RESURFACING
Kaumualii Highway to Vicinity of M.P. 1
Project No. 540A-01-02M

Scale: As Shown Date: July, 2003

SHEET No. 2 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	540A-01-02M	2004	9	39

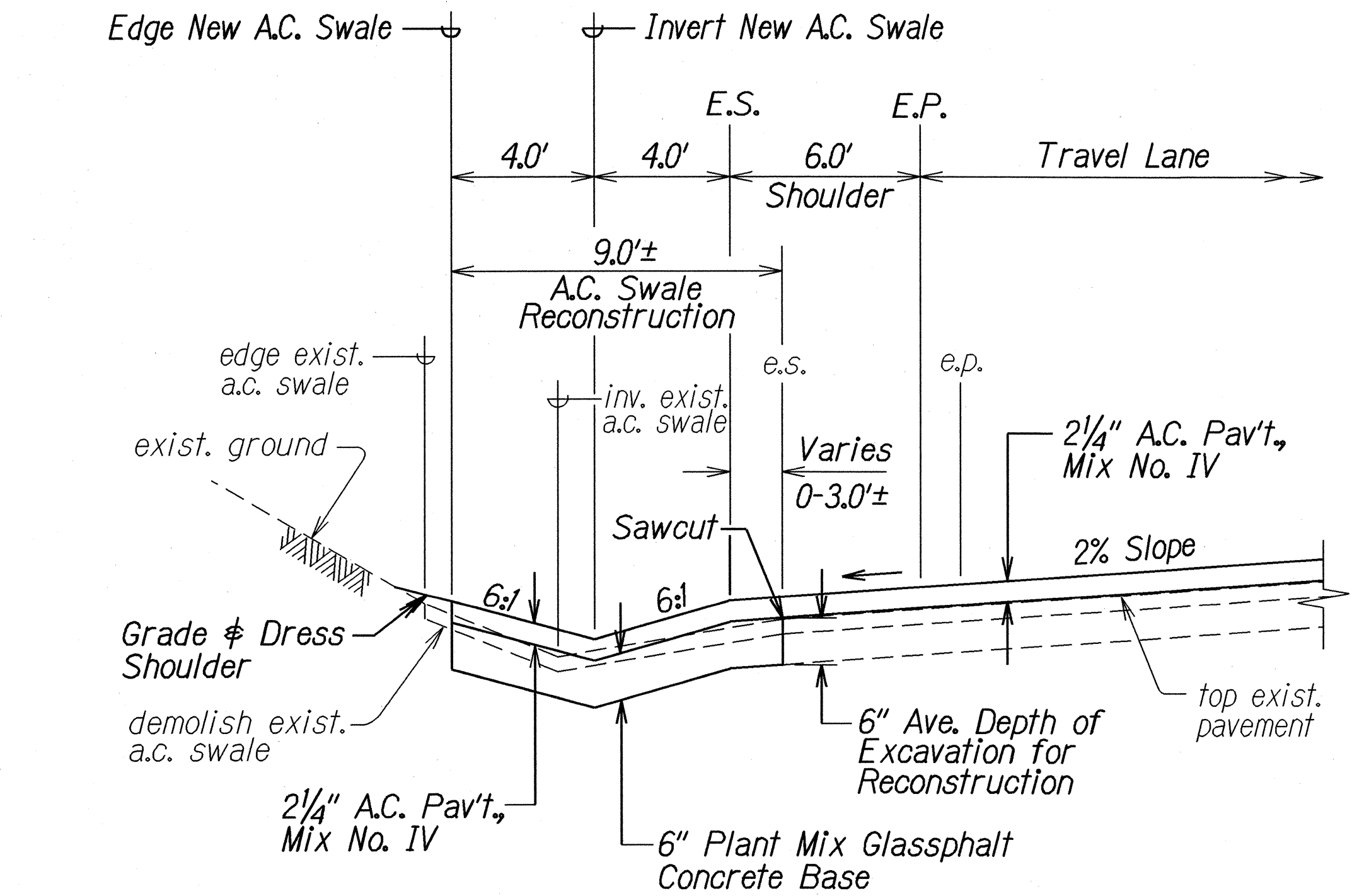


DATE	7/03
SURVEY PLOTTED BY	...
DRAWN BY	...
DESIGNED BY	...
CHECKED BY	...
NOTED BY	...
ORIGINAL PLAN	...

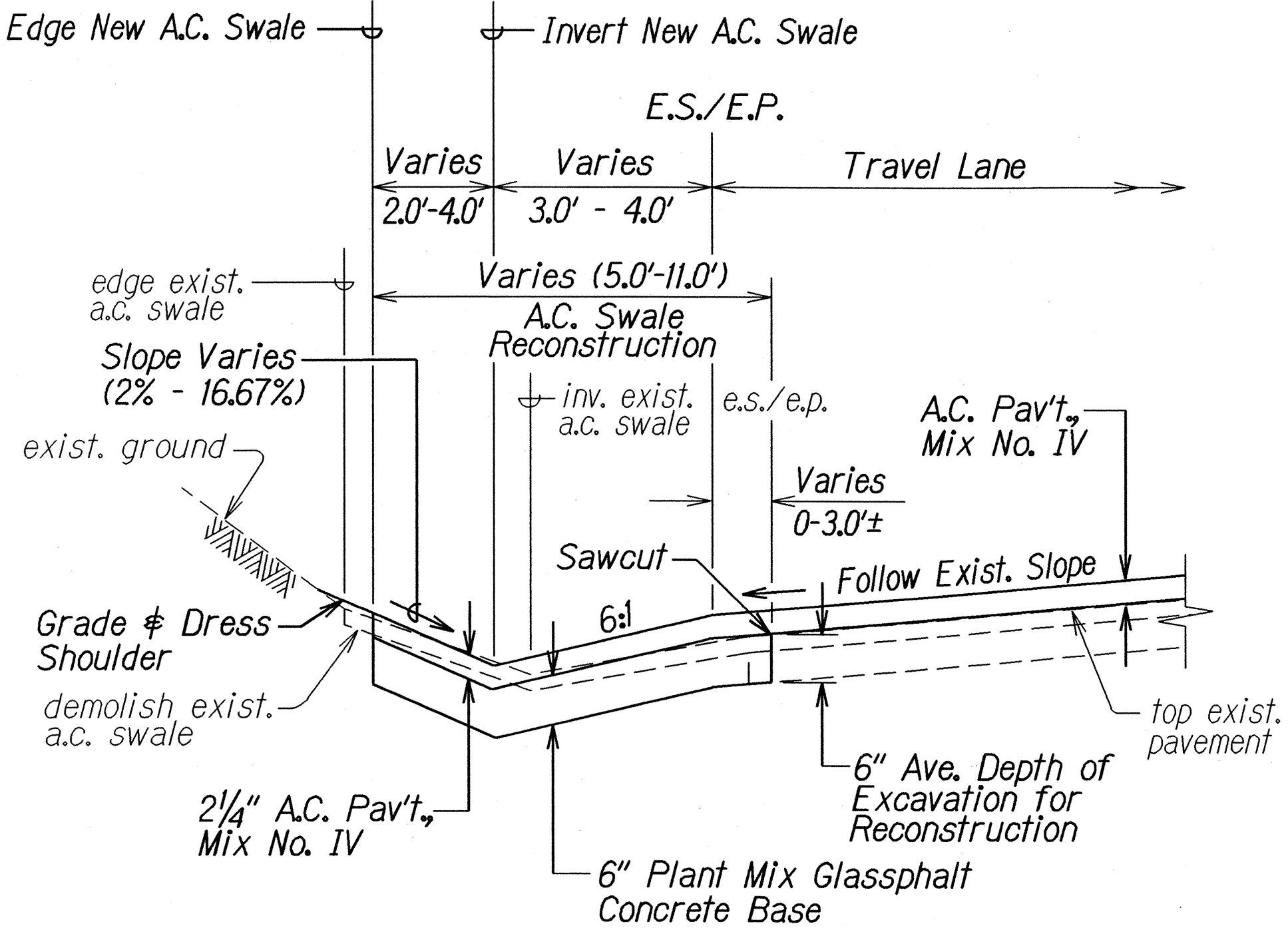
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
HALEWILI ROAD RESURFACING
Kaumualii Highway to Vicinity of M.P. 1
Project No. 540A-01-02M
Scale: As Shown Date: July, 2003
SHEET No. 4 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	540A-01-02M	2004	10	39

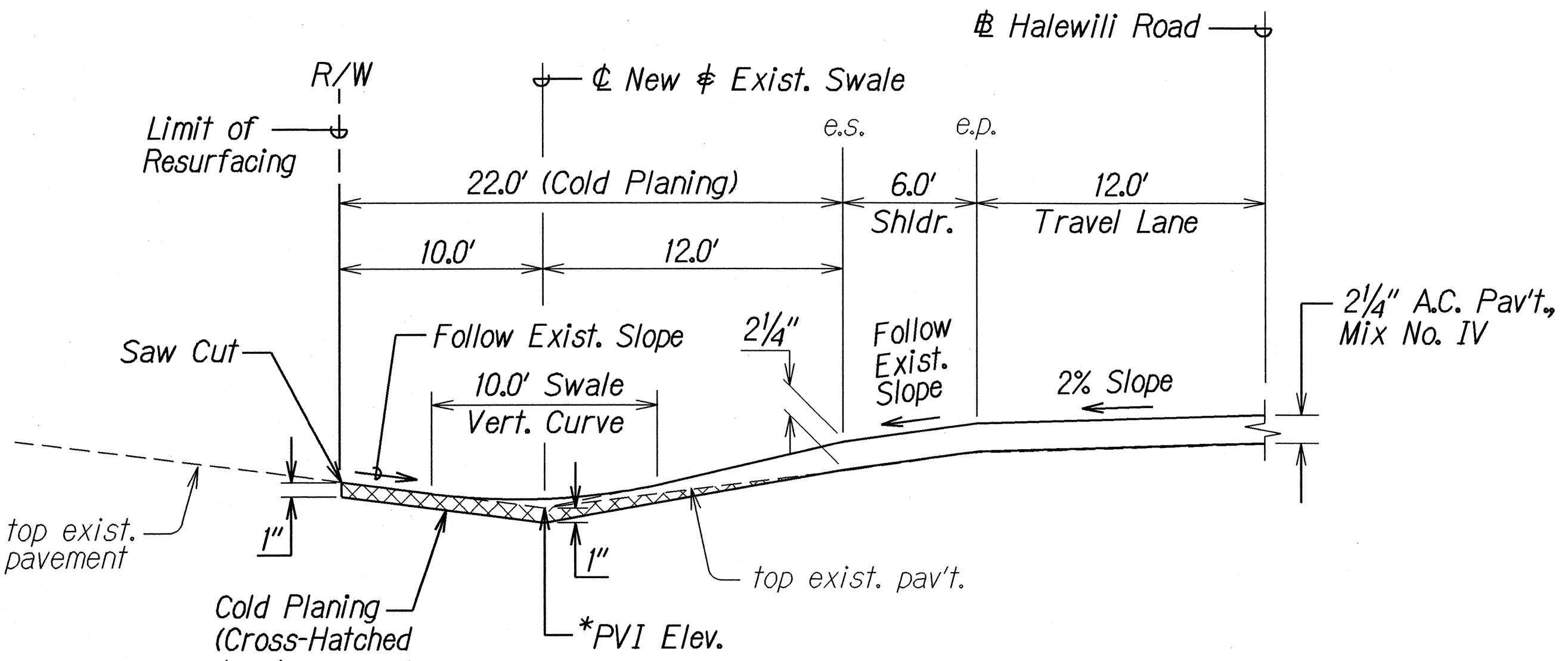


SECTION A
Not to Scale



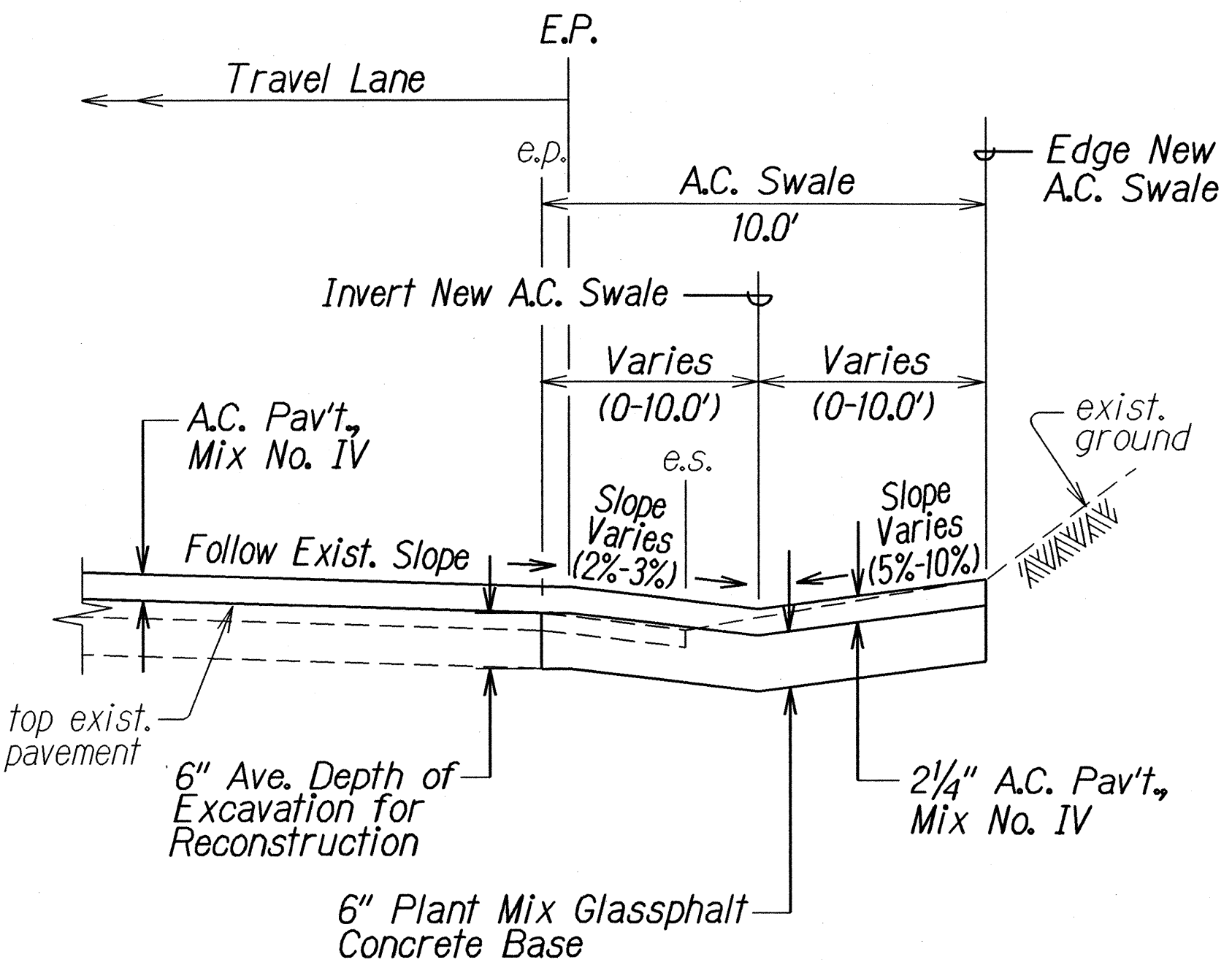
SECTION B
Not to Scale

NOTE: Detail for A.C. Swale Transition from Sta. 8+76.95 to Sta. 8+99.37



SECTION C
Not to Scale

*PVI Elev. = Invert of Exist. Swale



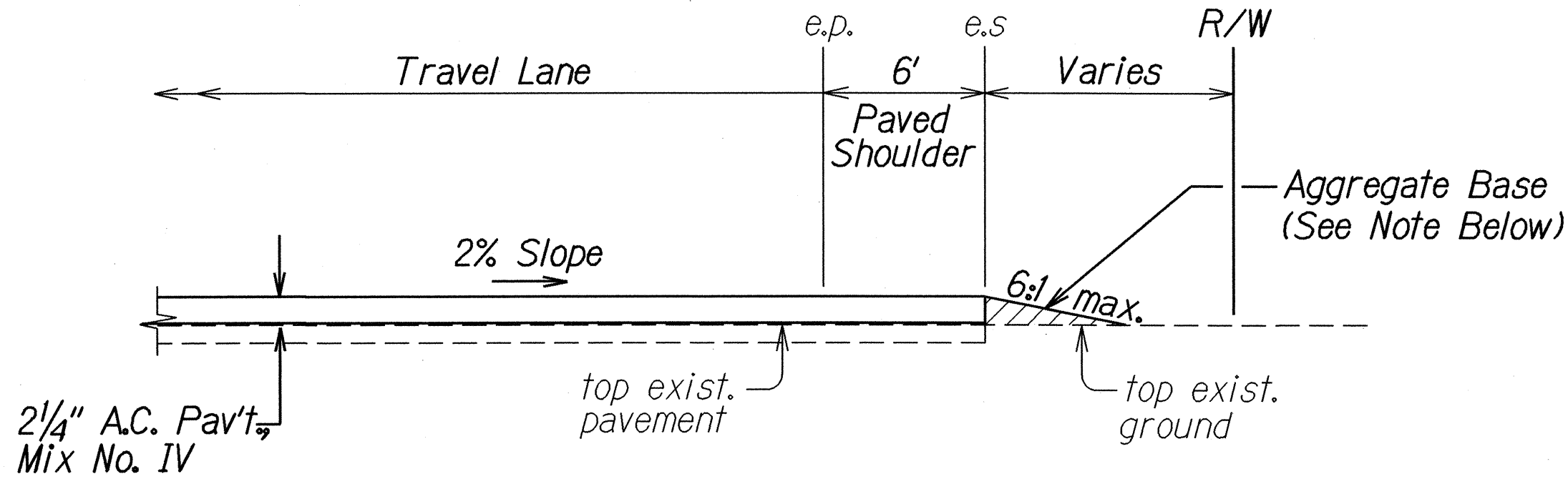
SECTION D
Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
HALEWILI ROAD RESURFACING
Kaunualii Highway to Vicinity of M.P. 1
Project No. 540A-01-02M
Scale: As Shown Date: July, 2003
SHEET No. 5 OF 7 SHEETS

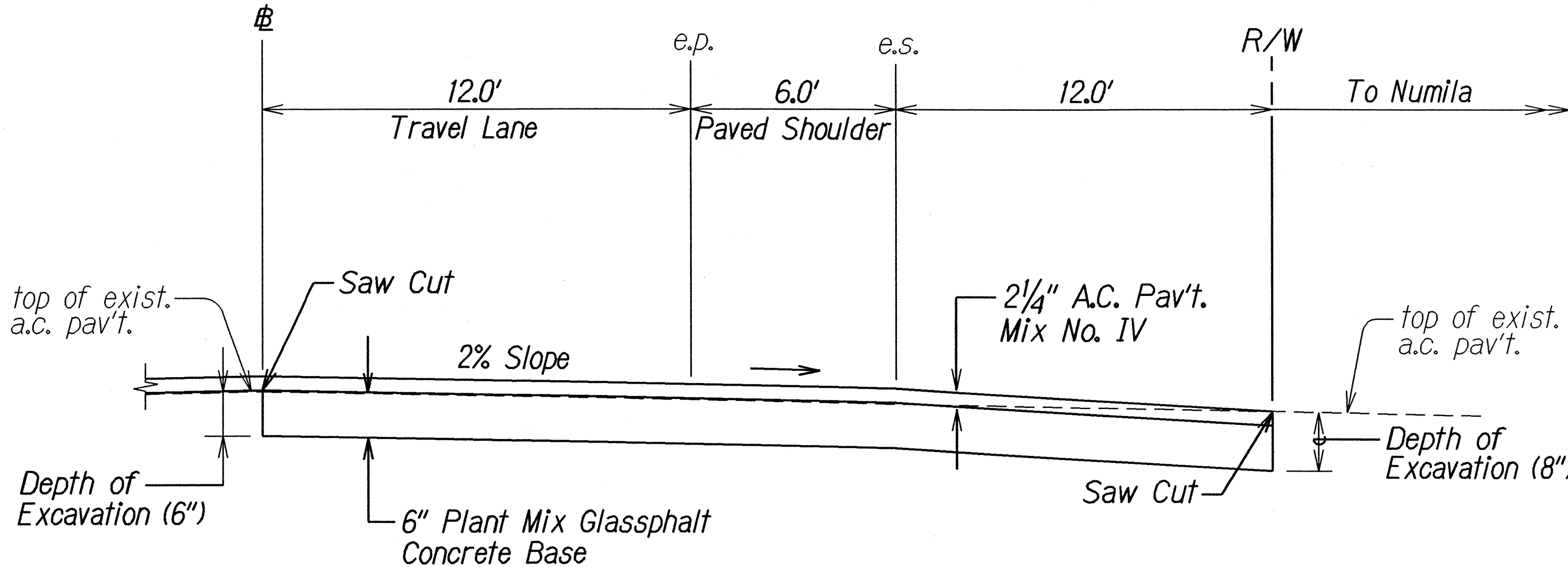
SURVEY PLOTTED BY	DATE
DRAWN BY	1/03
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
FILED	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	540A-01-02M	2004	11	39



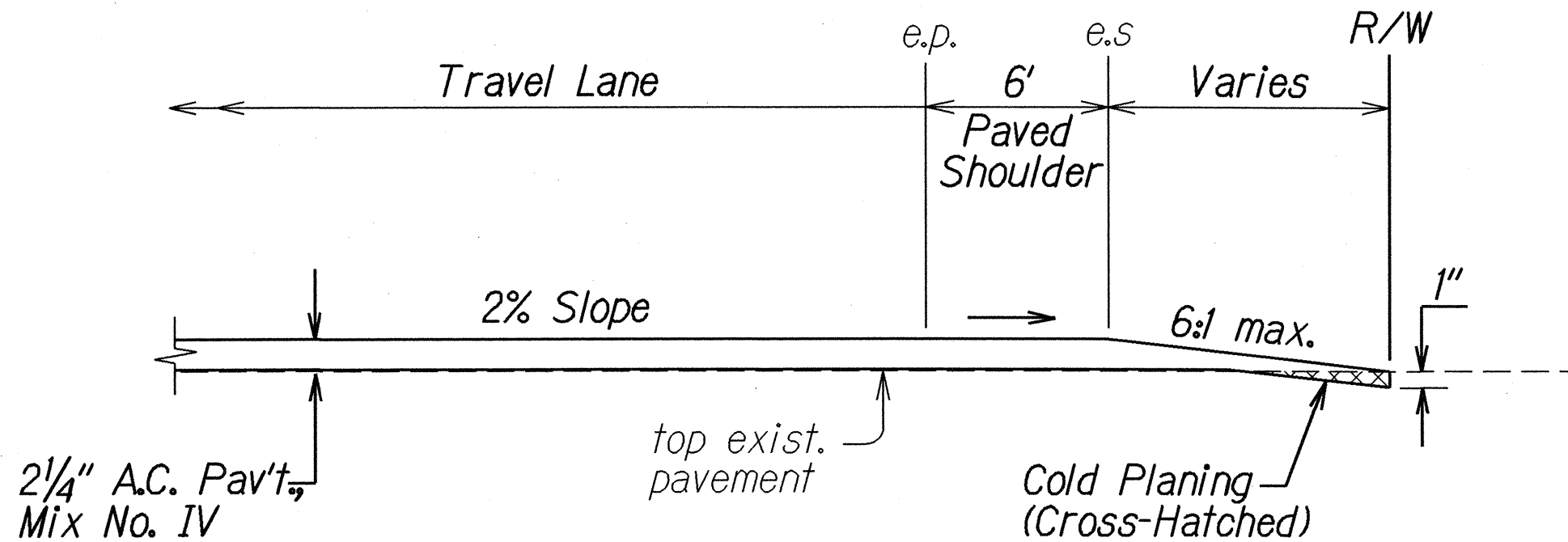
RESURFACING AT UNPAVED DRIVEWAY OR SIDEROAD
Not to Scale

NOTE: Aggregate base course shall be provided for all unpaved driveways and sideroads. 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.



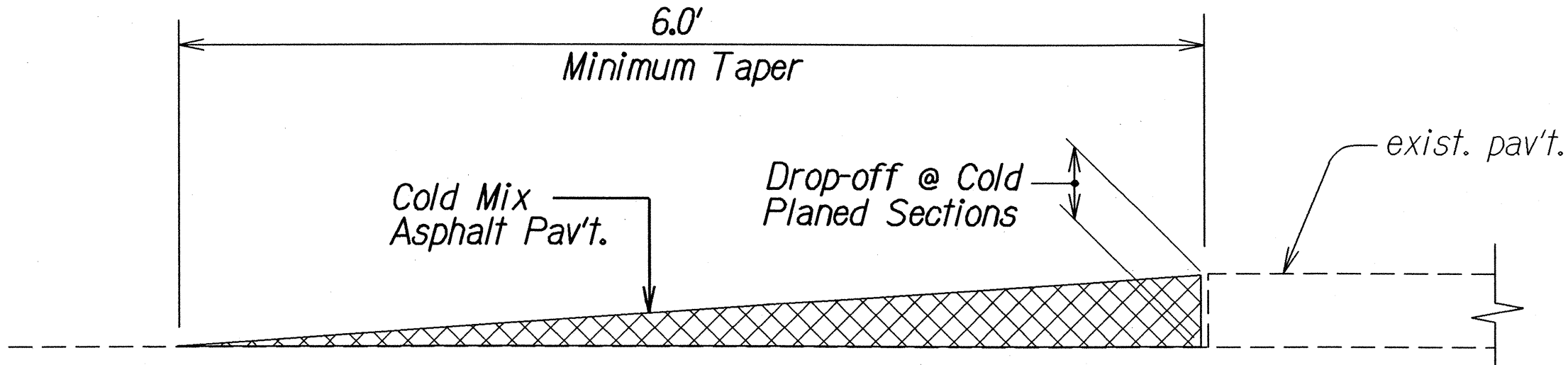
Note: Detail applicable to the intersection of Halewili Road and unnamed paved road to Numila.

RESURFACING/PAVEMENT RECONSTRUCTION AT STA. 96+50, RT.
Not to Scale



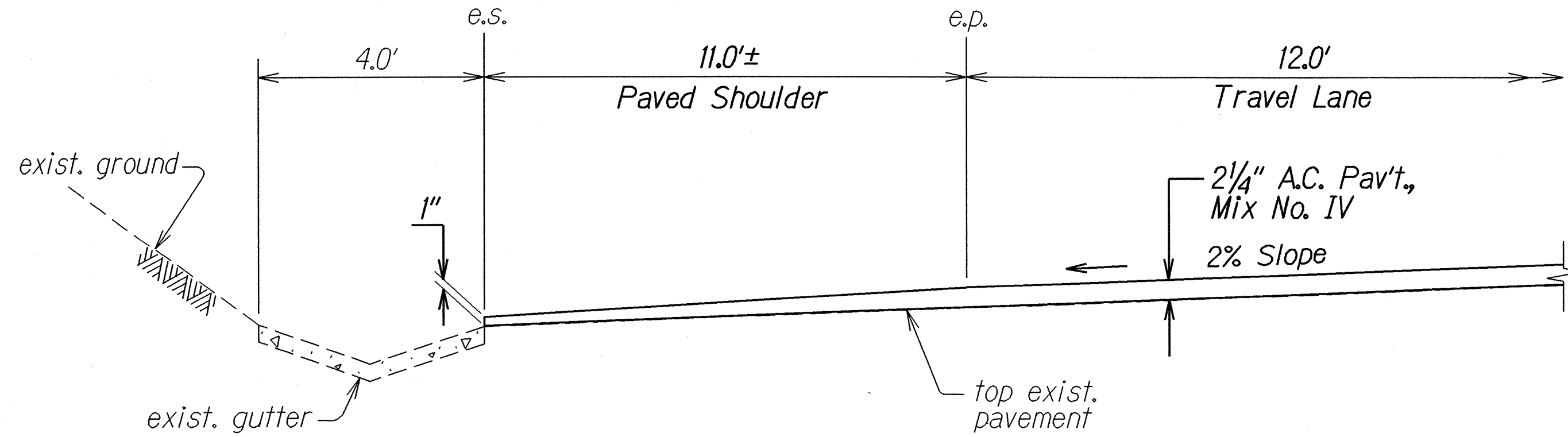
RESURFACING AT PAVED DRIVEWAY OR SIDEROAD
Not to Scale

NOTE: Paved driveways and/or public roadways shall be cold planed prior to resurfacing.



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.



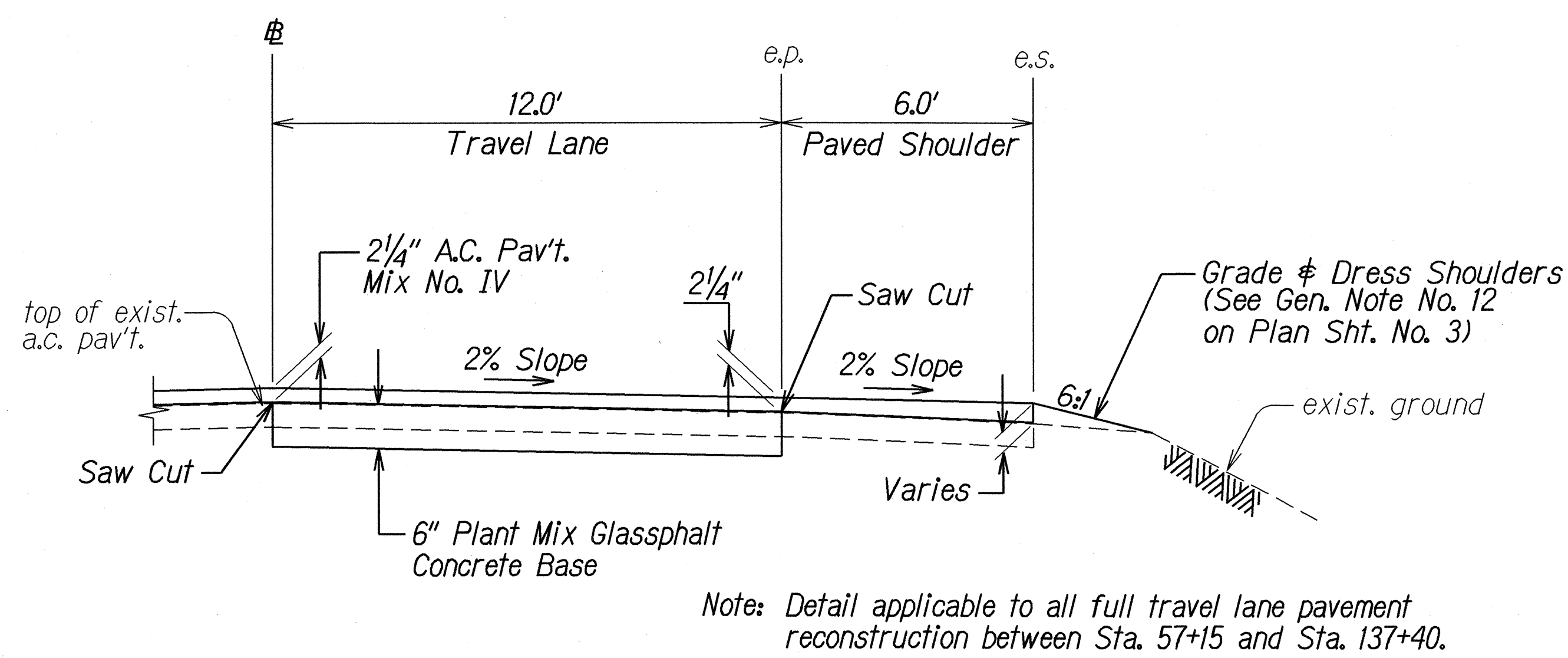
RESURFACING AT GUTTER LOCATION
Not to Scale

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED WORK	DRAWN BY	7/03
DESIGNED BY	CHECKED BY	
INVESTIGATED BY		

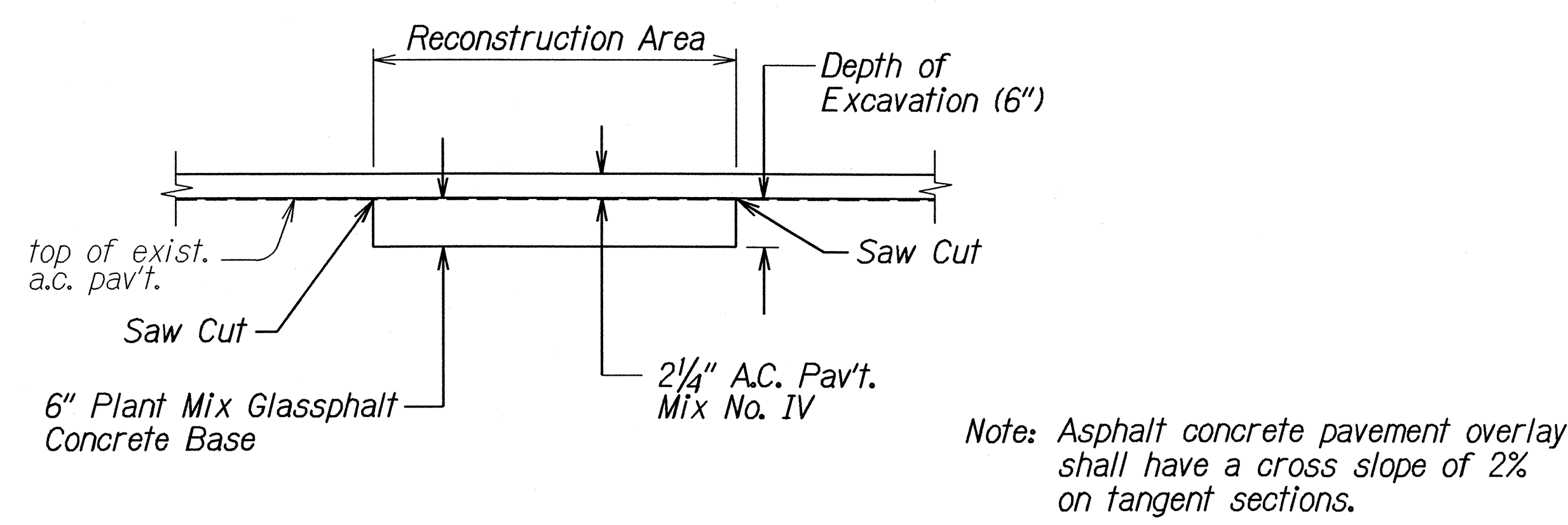
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
HALEWILI ROAD RESURFACING
Kaunualii Highway to Vicinity of M.P. 1
Project No. 540A-01-02M
Scale: As Shown Date: July, 2003
SHEET No. 6 OF 7 SHEETS

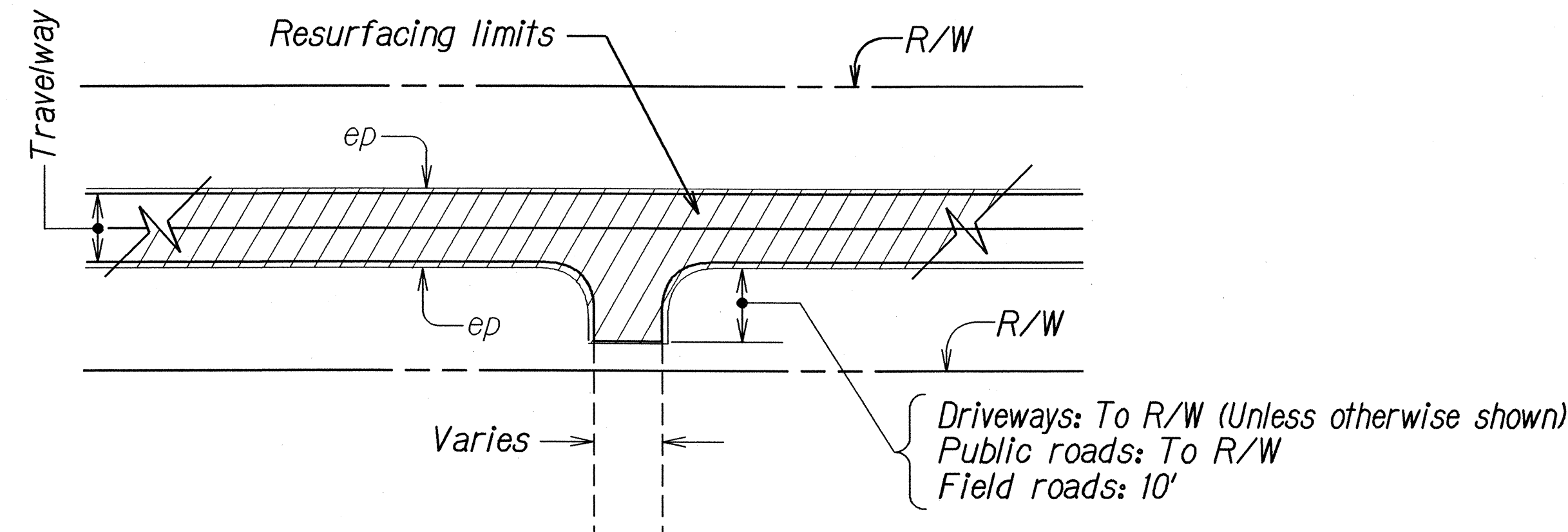
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	540A-01-02M	2004	12	39



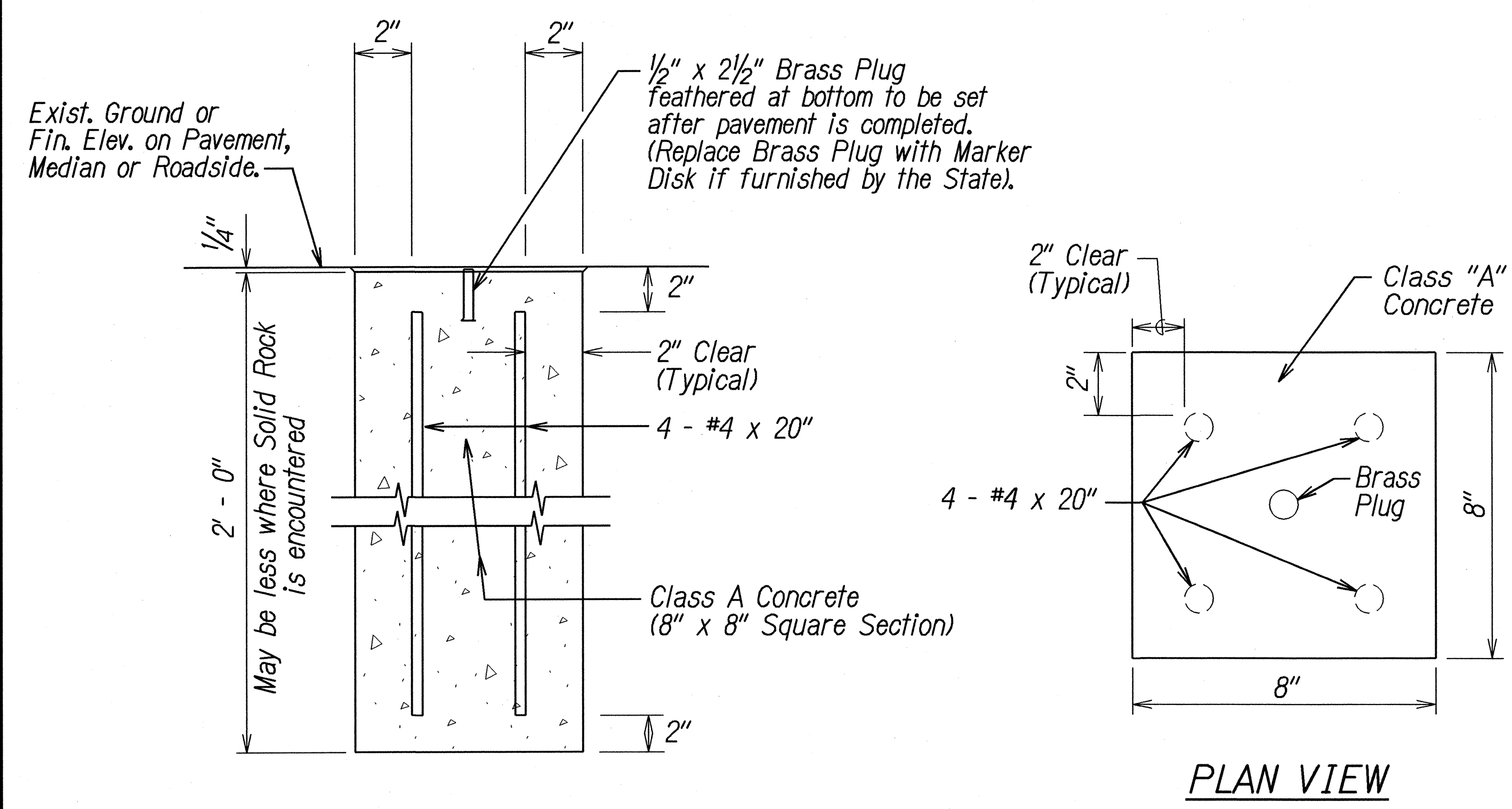
FULL LANE A.C. PAVEMENT RECONSTRUCTION DETAIL
Not to Scale



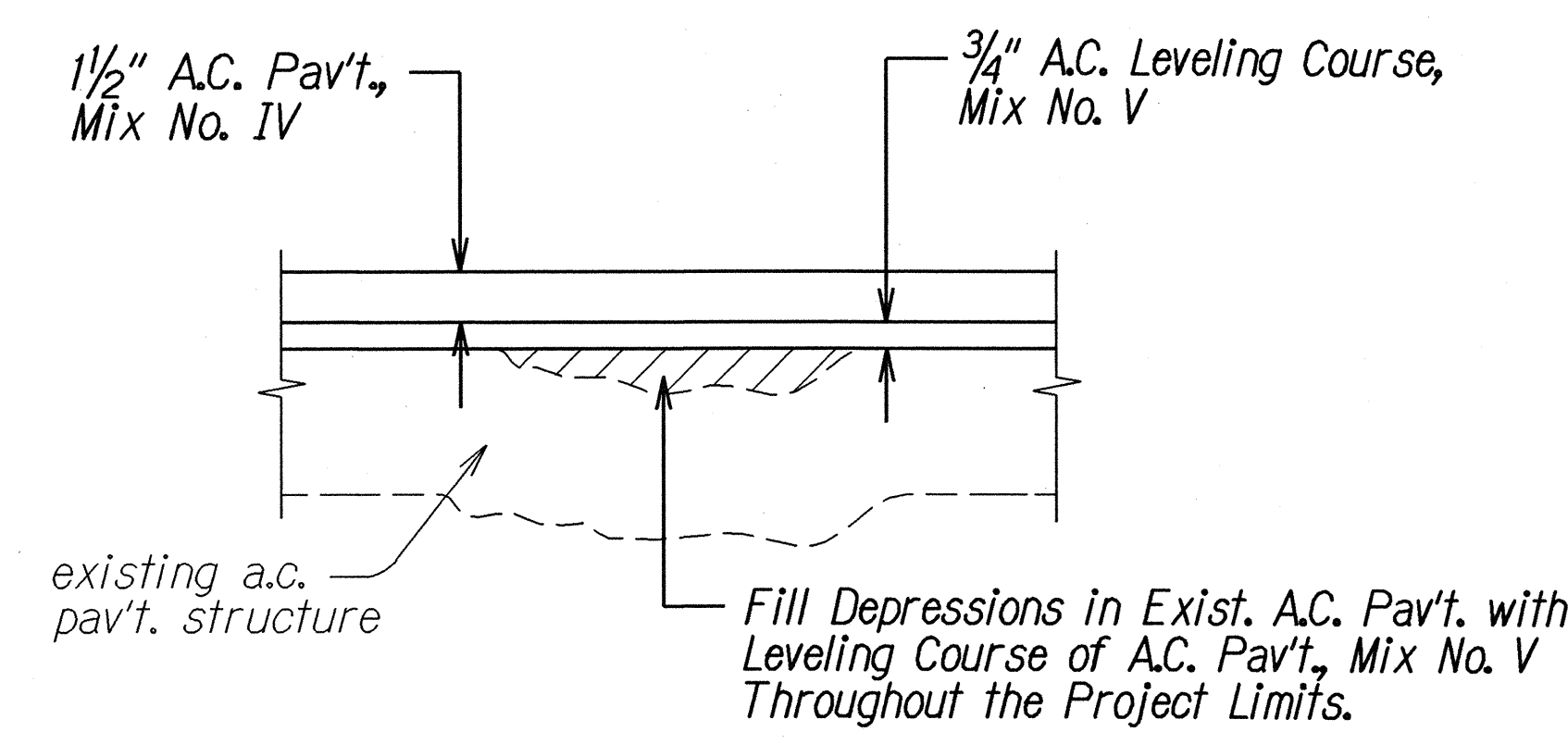
A.C. PAVEMENT RECONSTRUCTION DETAIL
Not to Scale



TYPICAL RESURFACING LIMITS
Not to Scale



DETAIL FOR CENTERLINE & REFERENCE SURVEY MONUMENT
Not to Scale



LEVELING COURSE DETAIL
Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
HALEWILI ROAD RESURFACING
Kaumuali Highway to Vicinity of M.P. 1
Project No. 540A-01-02M
Scale: As Shown Date: July, 2003
SHEET No. 7 OF 7 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	7/03
DRAWN BY	EL
DESIGNED BY	EL
CHECKED BY	EL
NOTED BY	EL
APPROVED BY	EL