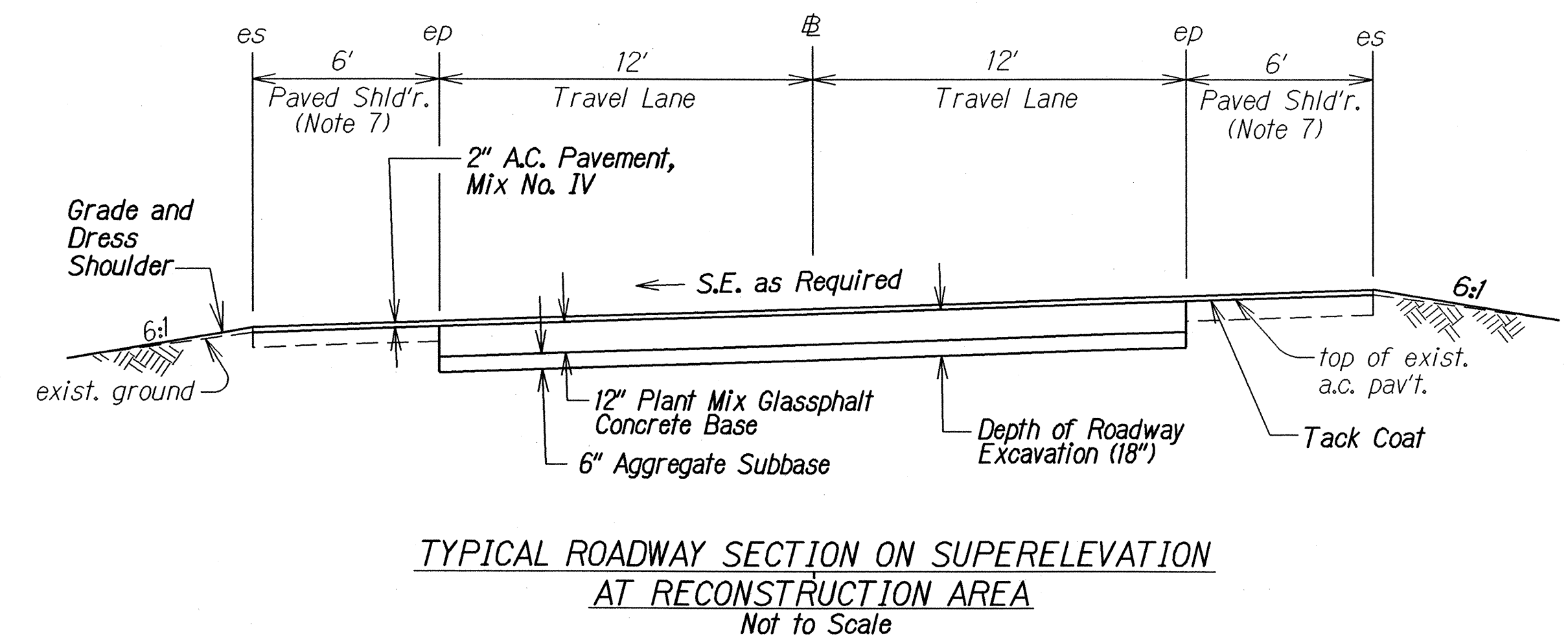
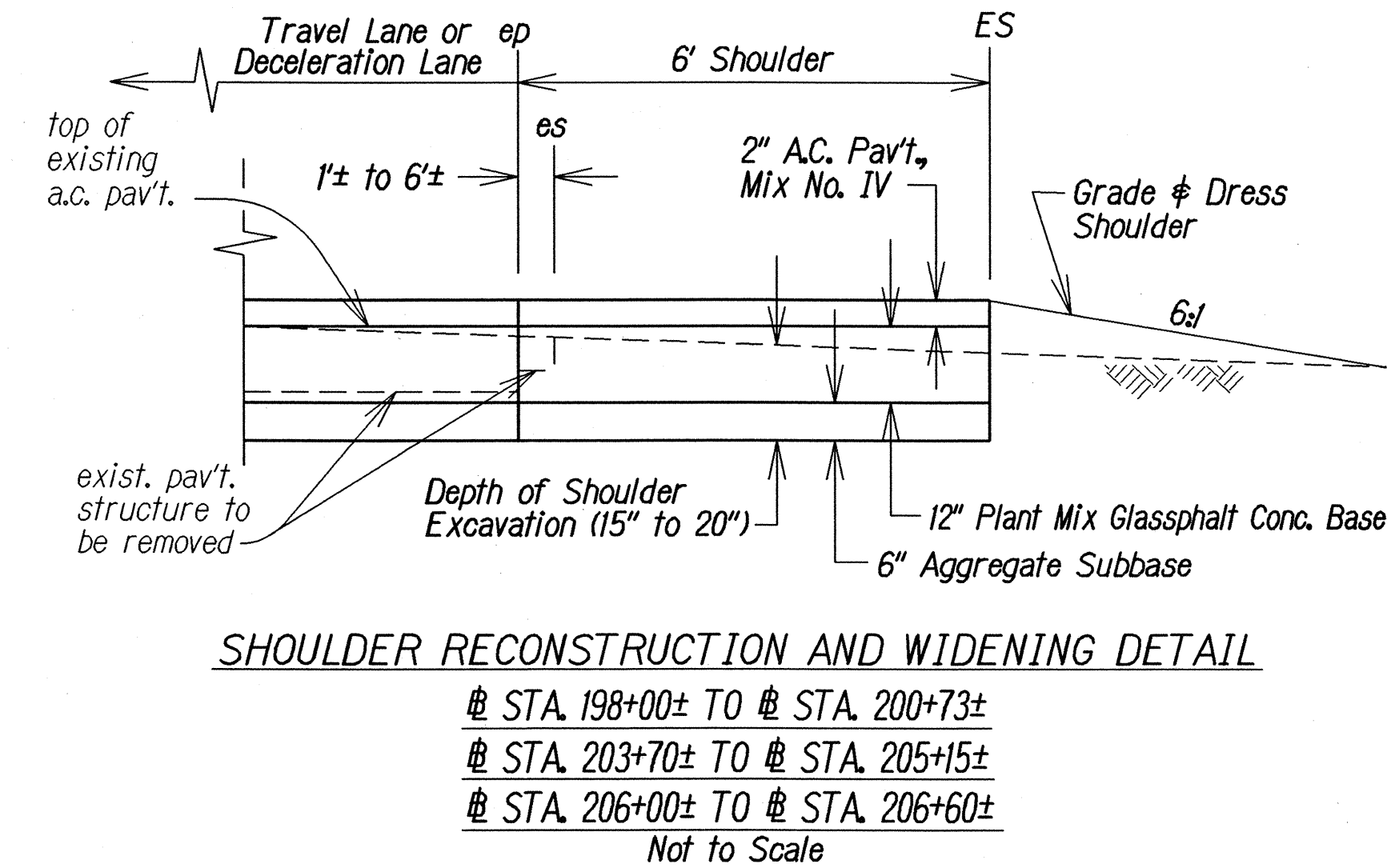
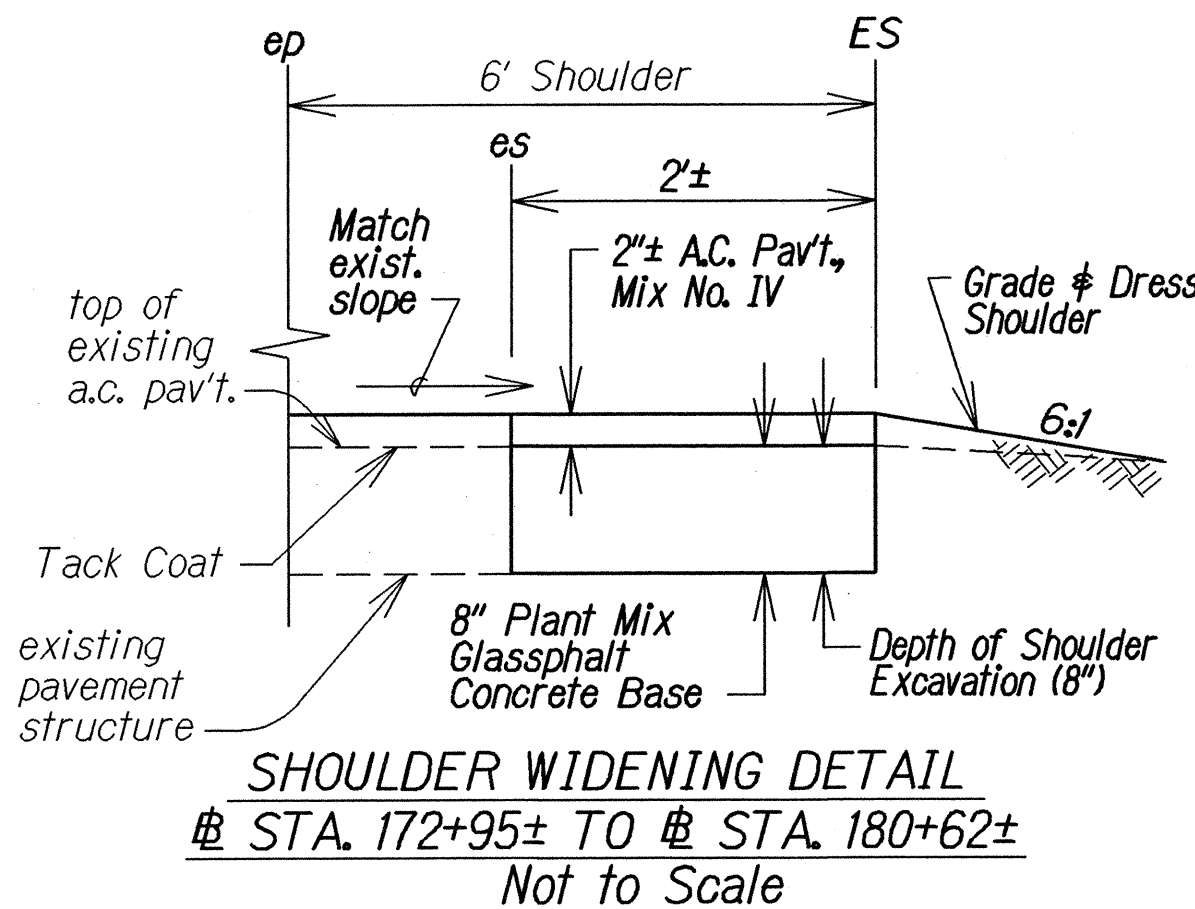
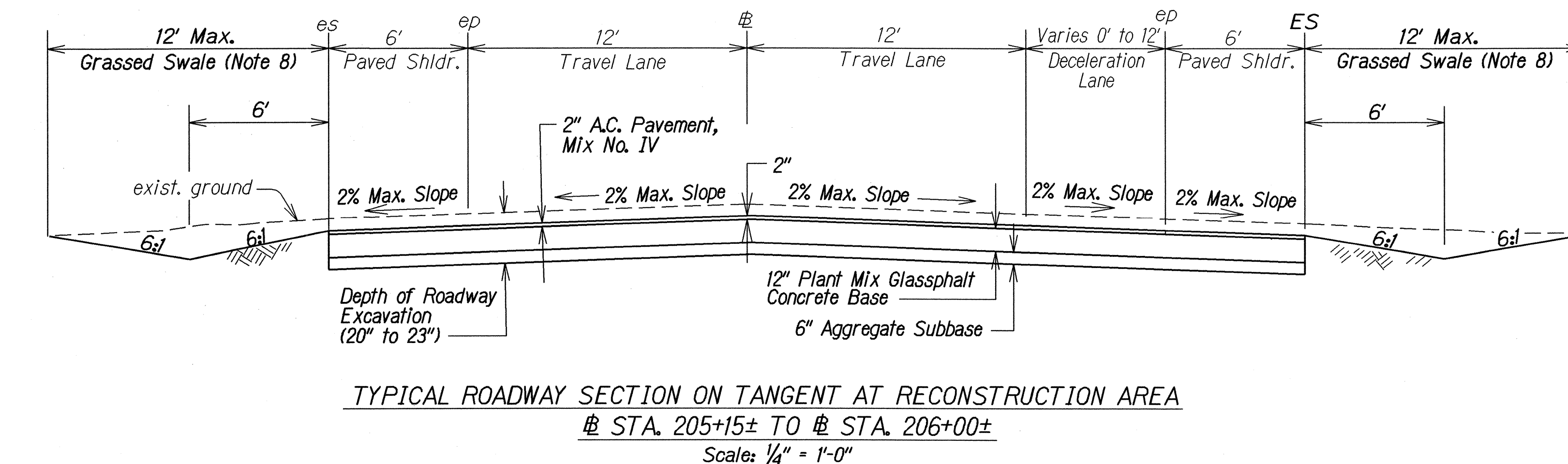
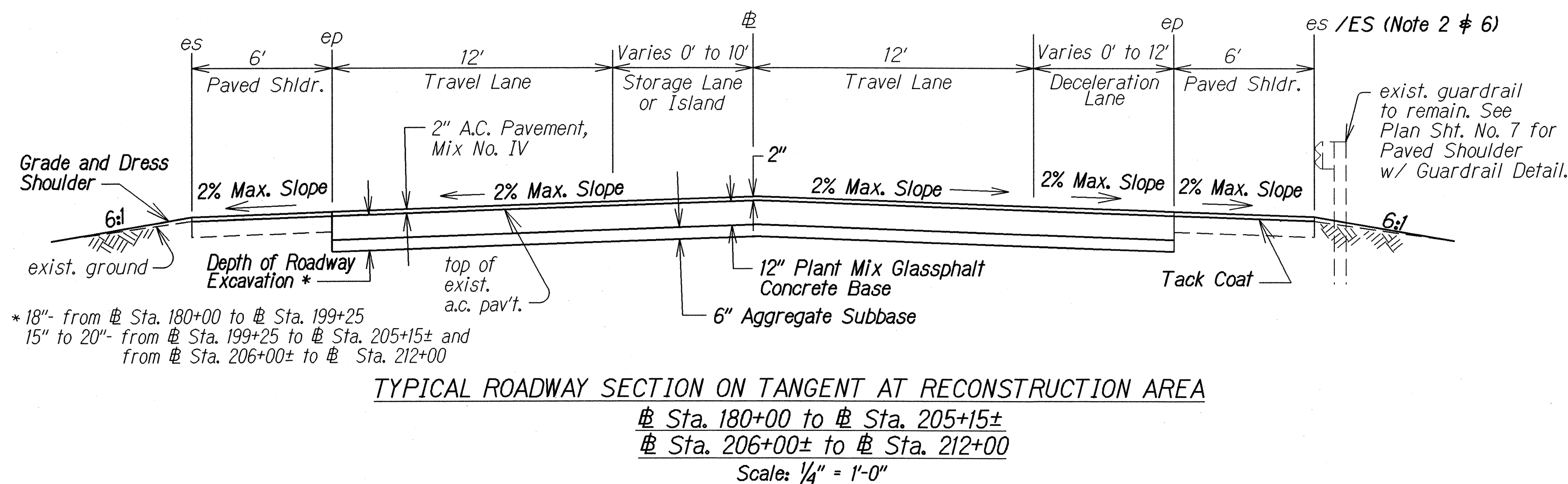
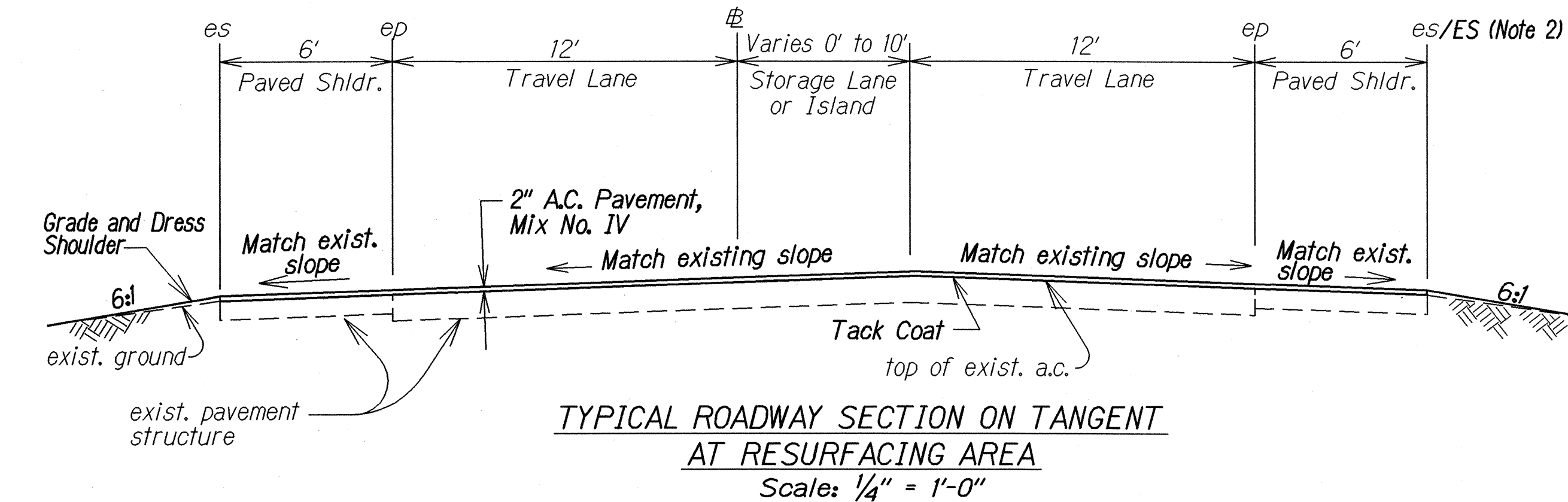
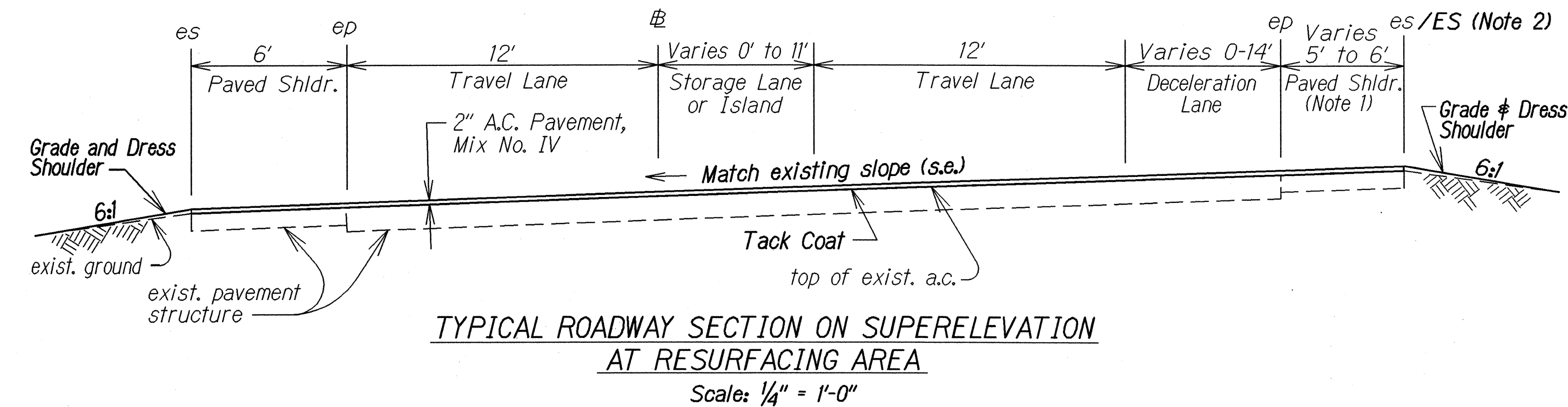


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50C-02-01M	2003	6	18



- Notes:
1. From Sta. 166+65 to Laulea Street: 5' Paved Shoulder.
From Laulea Street to Sta. 212+00: 6' Paved Shoulder.
 2. For Shoulder Widening, see detail this sheet.
 3. Before the end of each work day, the Contractor shall ensure that the excavated section of the reconstruction area shall be backfilled with 12" plant mix glassphalt and 6" aggregate subbase. No vertical drop-off areas will be permitted after work hours.
 4. If a vertical pavement drop-off exists at the end of each day's cold planing and paving, the Contractor shall provide a wedge with a 48:1 minimum transition taper for the transverse drop-off and no steeper than 6:1 for longitudinal drop-off, as approved by the Engineer. This work shall be considered incidental to Cold Planing.
 5. Roadway and shoulder excavations for the reconstruction and shoulder widening areas will be paid for under Pay Item No. 203.0100 Roadway Excavation.
 6. For Shoulder Reconstruction and Widening, see detail this sheet.
 7. When the superelevation sloping down to the shoulder exceeds 2%, then the pavement superelevation shall continue through the shoulder.
 8. Grassed swale will be paid for under pay item 618.0100 Grassed Surfaces.

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE <u>4/22/03</u>
NOTE BOOK	DRAWN BY <u>SW</u> _____
<u>day's view</u>	TRACED BY _____
<u>ground design</u>	DESIGNED BY _____
	QUANTITIES BY _____
	CHECKED BY _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

KAUMUALII HIGHWAY RESURFACING

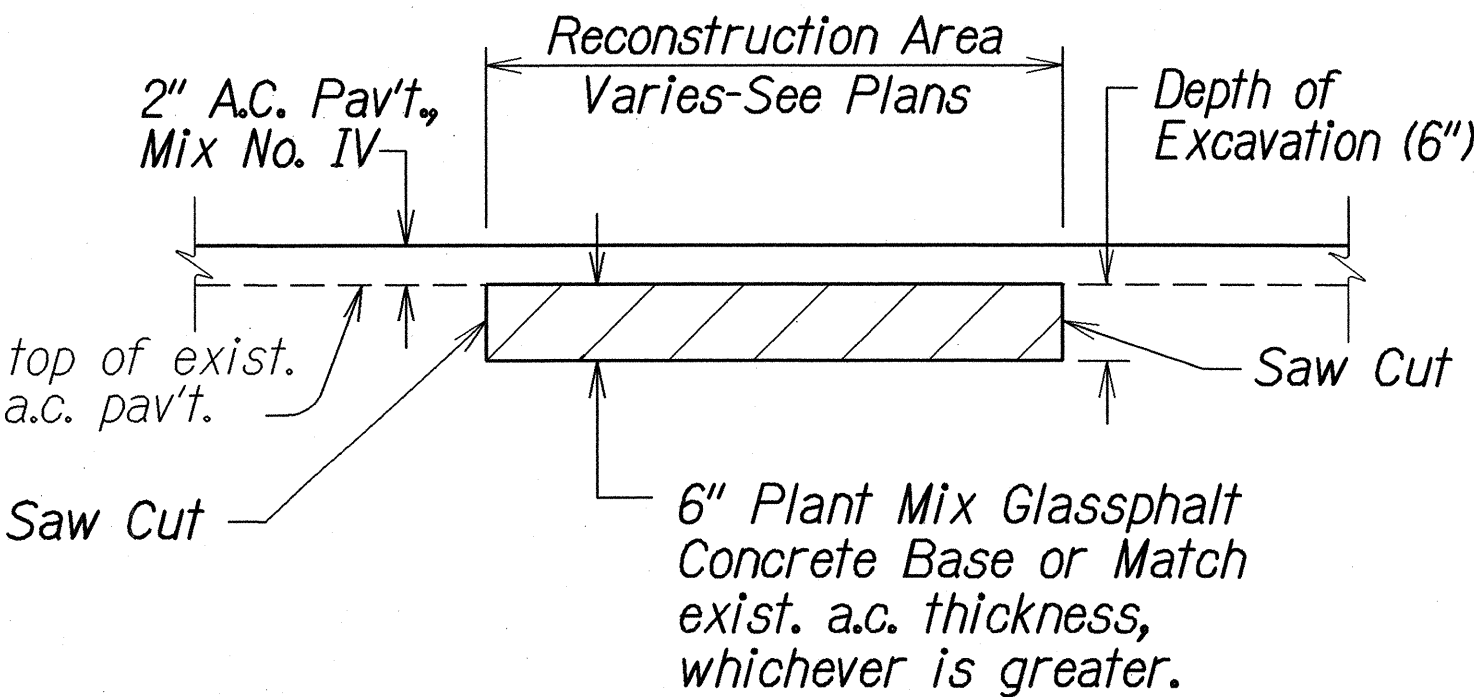
Vicinity of Laulea Street
to Halewili Road

Project No. 50C-02-01M

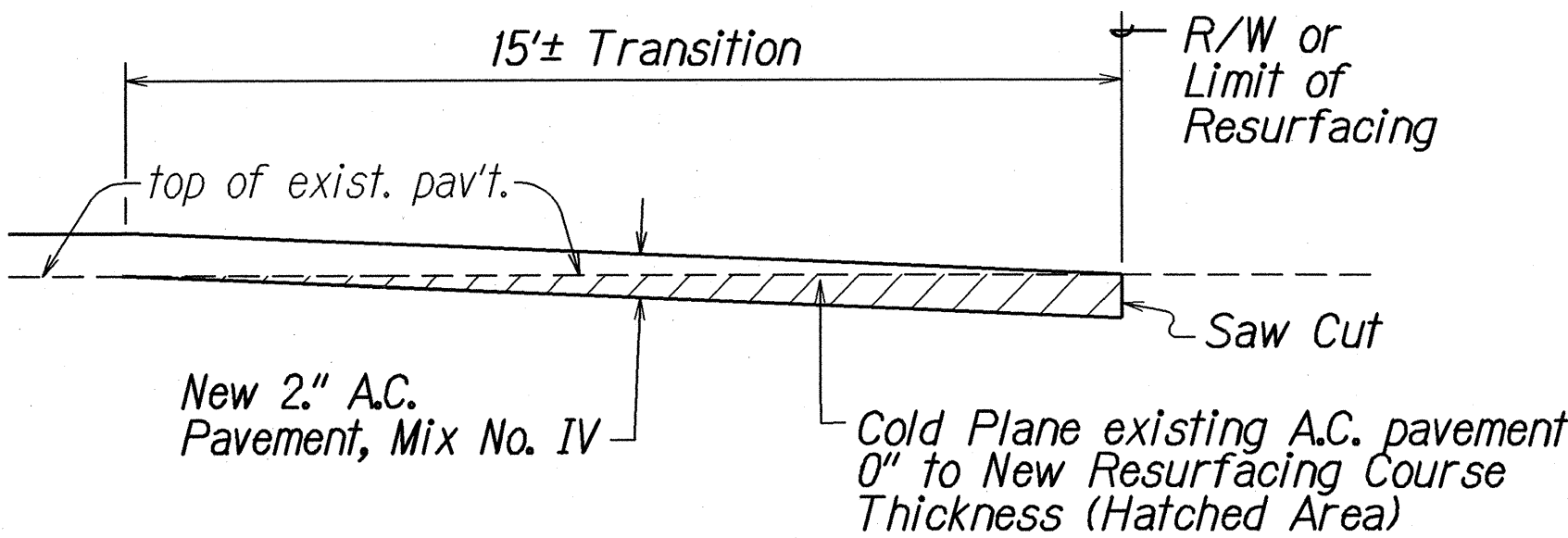
Scale: As Noted Date: April, 2003

SHEET No. 1 OF 2 SHEETS

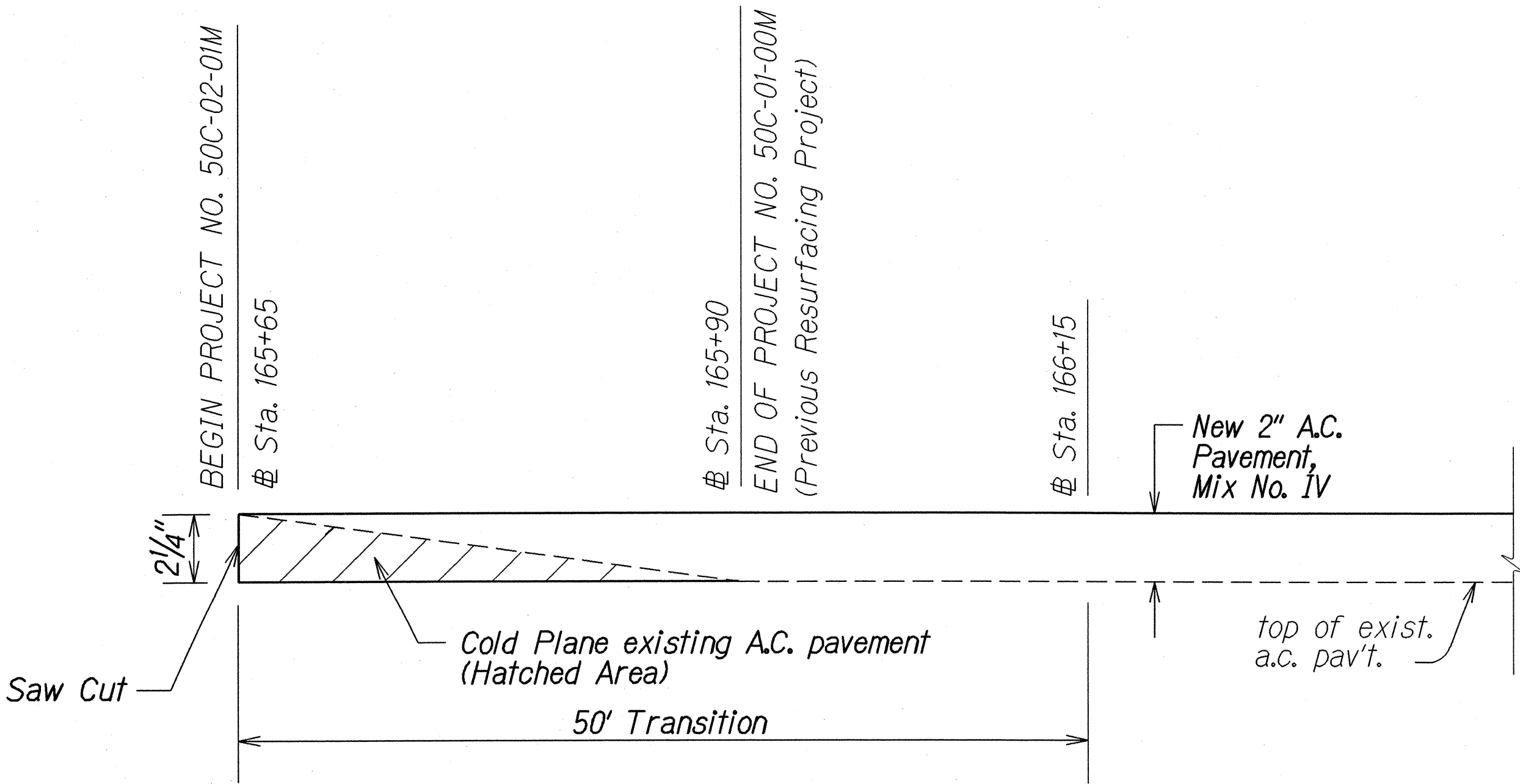
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50C-02-01M	2003	7	18



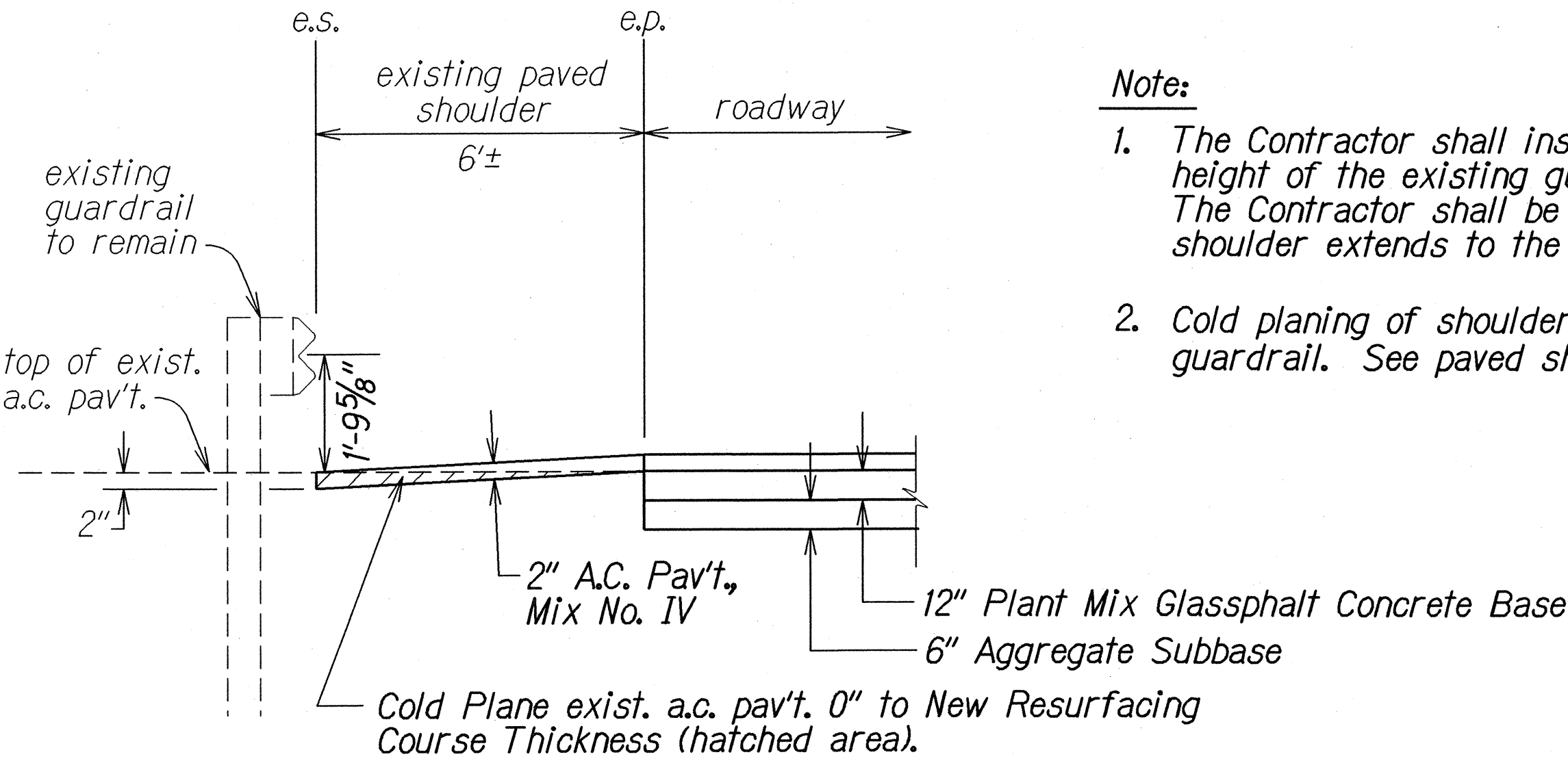
RECONSTRUCTION OF WEAKENED PAVEMENT AREAS DETAIL
BETWEEN STA. 165+65 AND STA. 180+00
Not to Scale



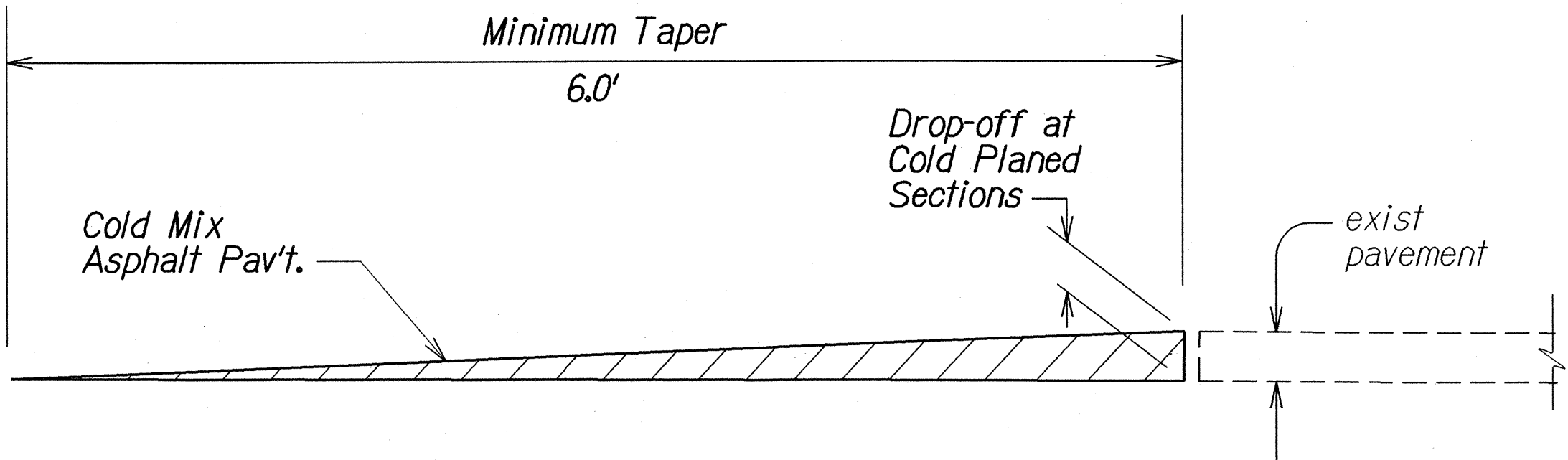
COLD PLANED TRANSITION TO EXISTING SIDE ROAD
Not to Scale



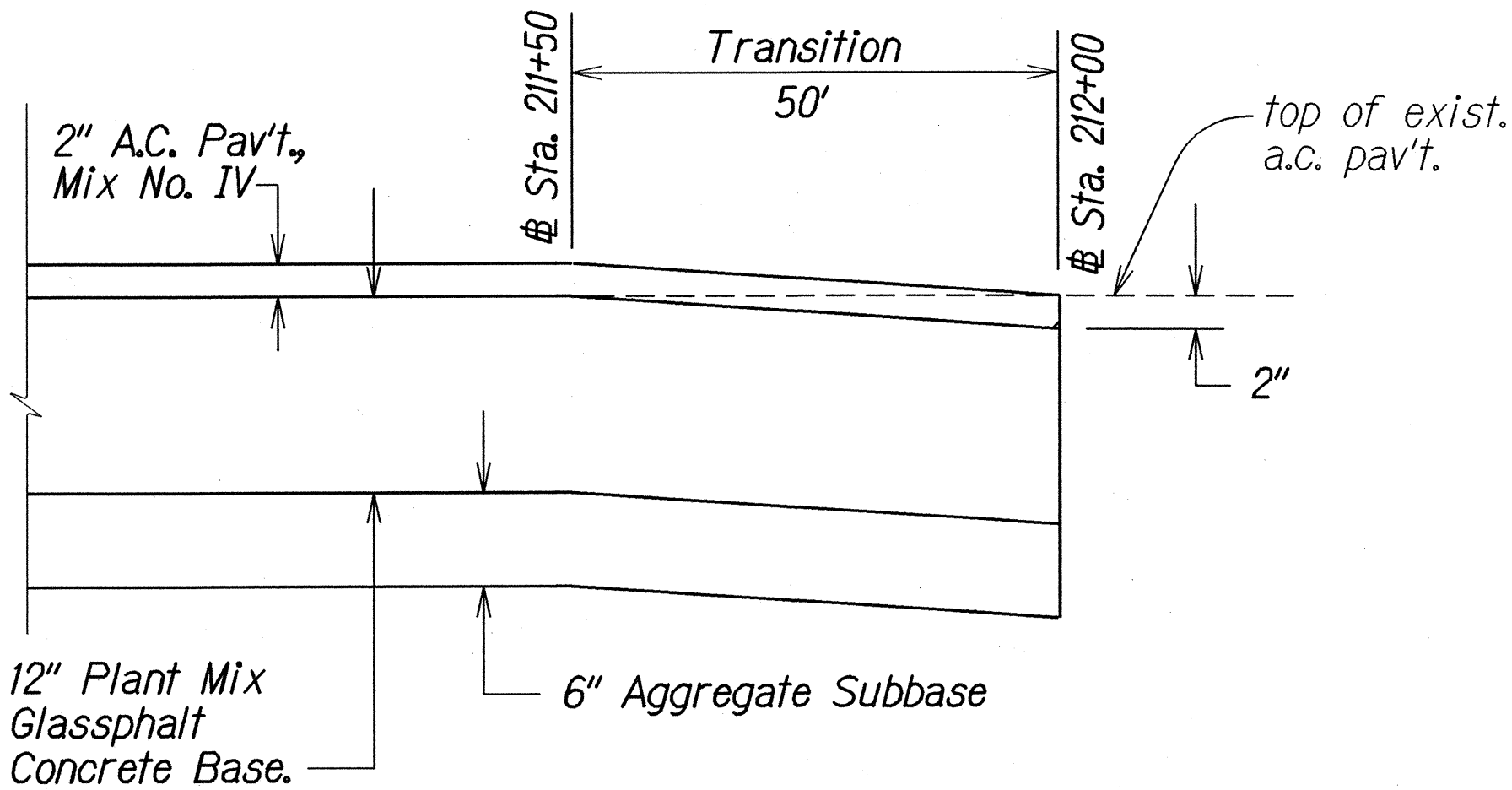
TRANSITION AT BEGINNING OF PROJECT
Not to Scale



PAVED SHOULDER WITH GUARDRAIL DETAIL
Not to Scale



TEMPORARY TRANSITION AT COLD PLANED AREAS
Not to Scale



TRANSITION AT END OF PROJECT
Not To Scale

- Note:
- The Contractor shall insure that paving operations do not alter the height of the existing guardrail, unless directed by the Engineer. The Contractor shall be especially careful in areas where the shoulder extends to the guardrail face.
 - Cold planing of shoulder required only when paving along guardrail. See paved shoulder with guardrail detail.

- Note:
- Contractor shall construct temporary pavement taper to prevent sharp pavement drop-offs at all cold planed sections. Prior to final A.C. Mix No. IV placement, temporary pavement taper shall be removed.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	4/21/03
CHECKED BY	QUANTITIES BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
KAUMUALII HIGHWAY RESURFACING
Vicinity of Laulea Street
to Halewili Road
Project No. 50C-02-01M
Scale: None Date: April, 2003