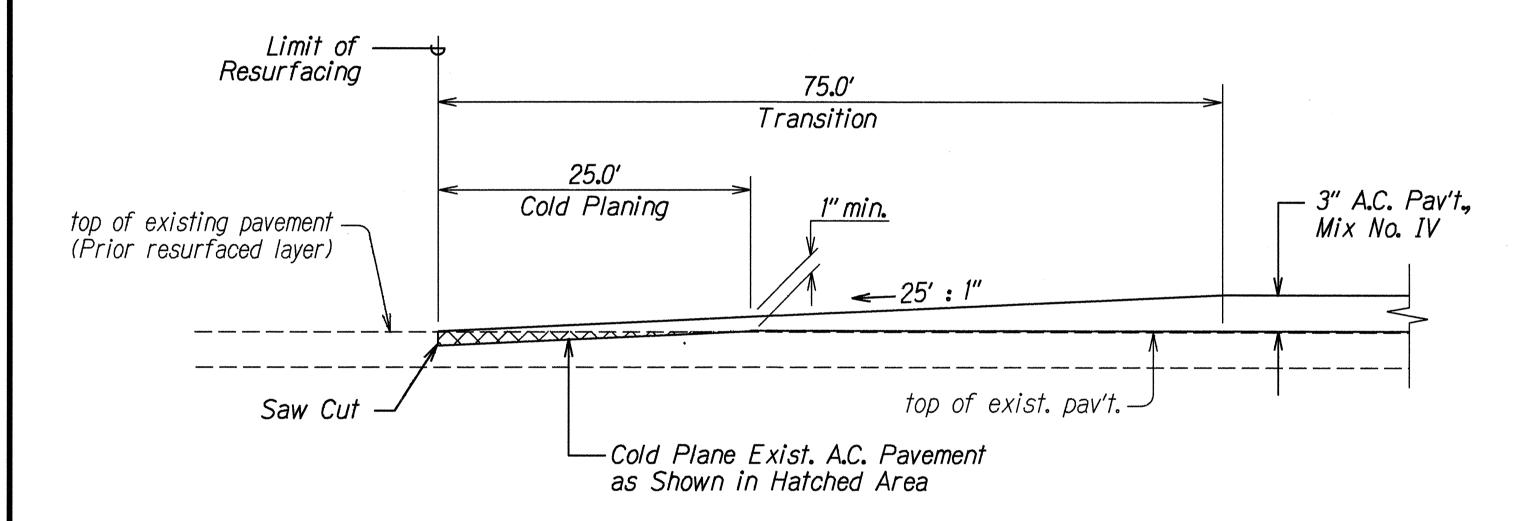
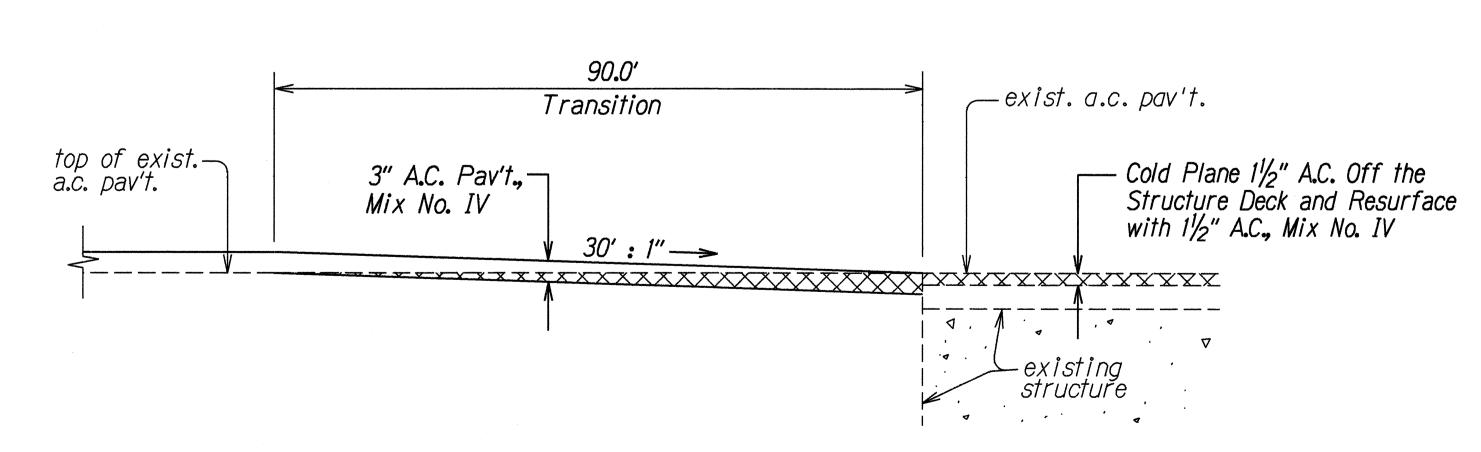


COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT AT BEGINNING OF PROJECT Not To Scale



COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT AT END OF PROJECT Not To Scale

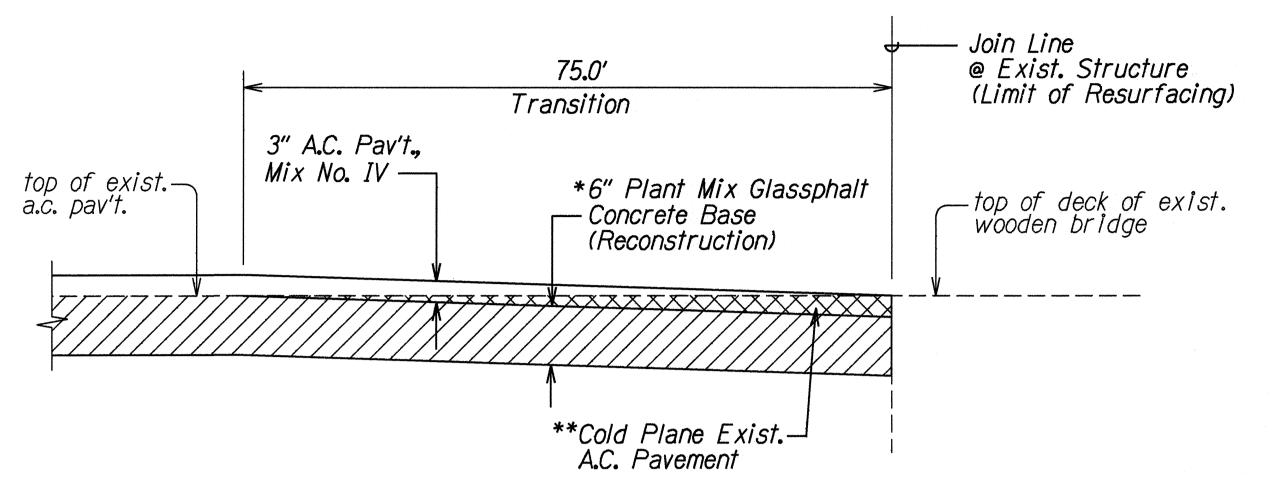


TRANSITION AT HAENA STRUCTURE #1

Not to Scale

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

HAWAII HAW. 560A-01-99M 1999 5 23

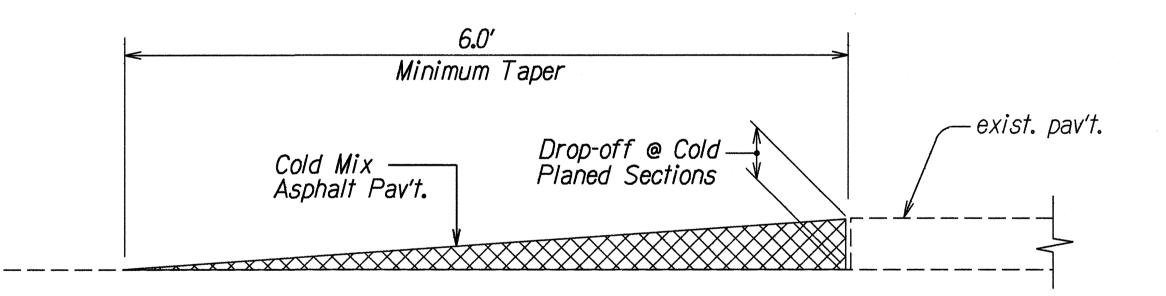


TRANSITION AT WOODEN STRUCTURE Not to Scale

* When reconstruction is not shown or noted on the plans, delete detail for reconstruction of weakened pavement area. Work involves cold planing and resurfacing only.

At reconstruction areas, cold planing is not required.

** The pavement section between Wainiha Bridge No. 2 and Bridge No. 3 shall be cold planed and resurfaced as noted in Plan Sht. No. 13. Transition and reconstruction not required.



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 A.C. Mix No. IV placement, temporary pavement taper shall be removed.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

KUHIO HIGHWAY RESURFACING
Vicinity of Lumahai Bridge to Alealea Road

Project No. 560A-01-99M

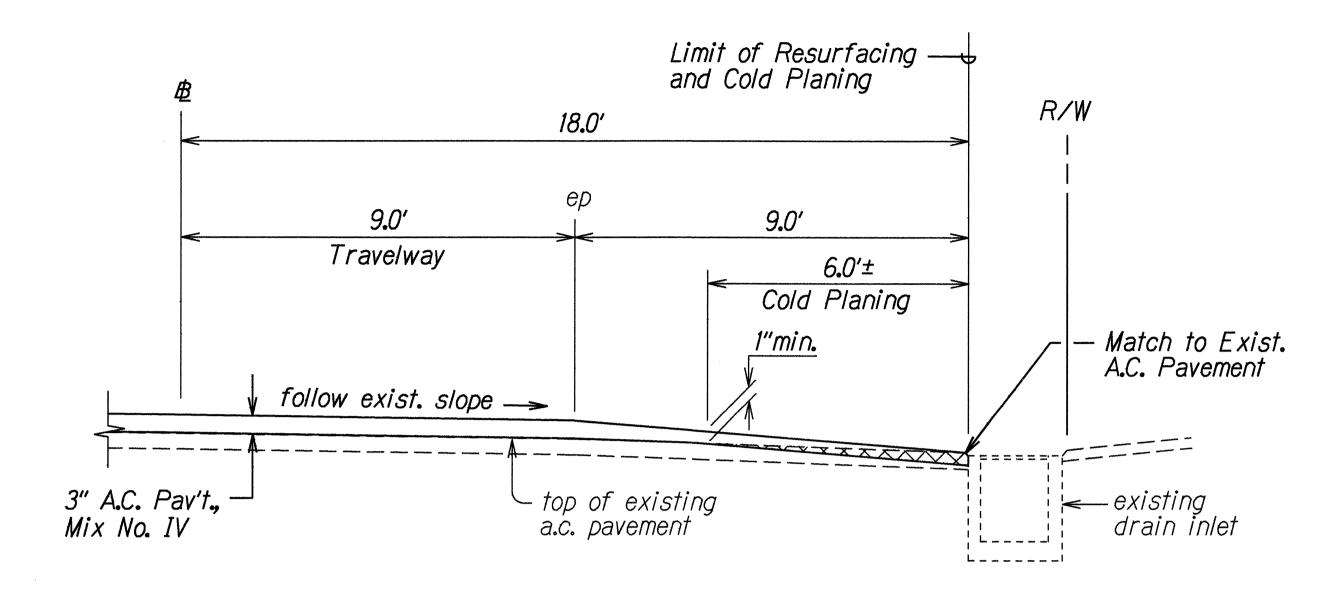
Scale: As Shown

Date: February, 1999

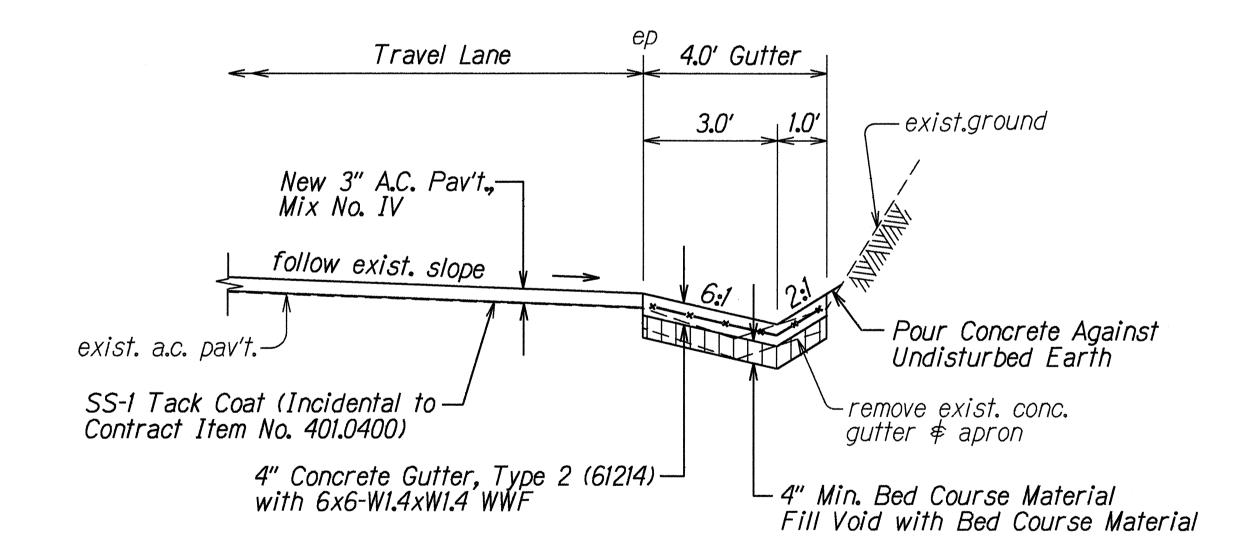
SHEET No. 2 OF 5 SHEETS

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

HAWAII HAW. 560A-01-99M 1999 6 23



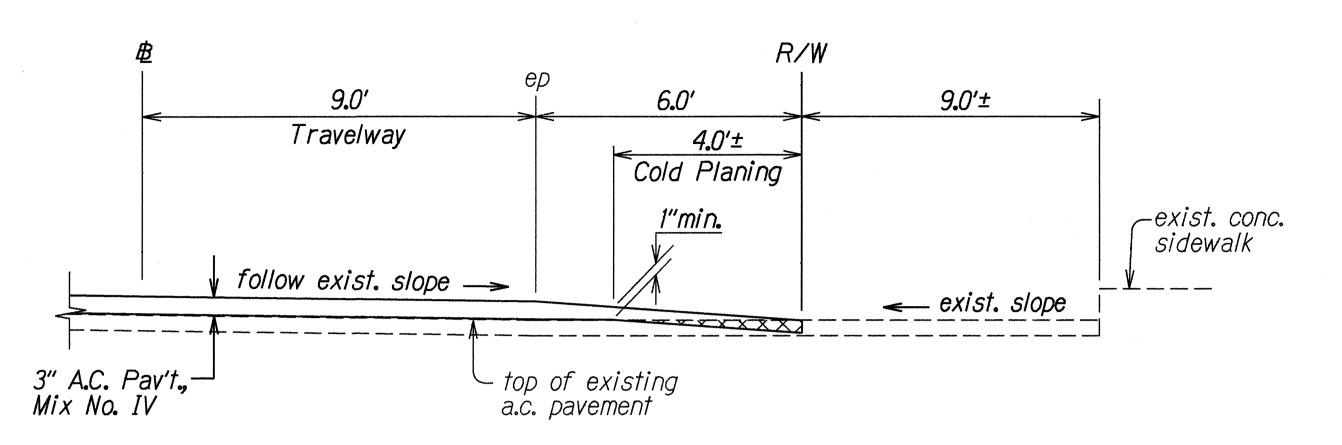
A. C. RESURFACING AT KUHIO HIGHWAY POWERHOUSE ROAD INTERSECTION Not To Scale



A. C. RESURFACING AT STA. 192+70± TO STA. 194+20± o/s Rt. Not to Scale

NOTES:

- 1. Removing and disposing of existing concrete gutter and apron shall be paid under Contract Item No. 202.0100 Removal of Concrete Gutter.
- 2. Pouring concrete against undisturbed earth shall be considered incidental to Contract Item No. 609.2214 Gutter, Type 2 (61214).
- 3. Bed Course material for concrete gutter shall be considered incidental to Contract Item No. 609.2214 Gutter, Type 2 (61214).



A. C. RESURFACING AT STA. 185+00± TO STA. 186+10± o/s Rt.

Not To Scale

NOTES FOR PORTABLE PHYSICAL BARRIERS:

- 1. Installation of portable concrete barriers shall conform to Manufacturer's recommendations.
- 2. Physical barriers shall be required whenever guardrails have been removed and will not be reinstalled at the end of the work day. See General Note No. 21 on Plan Sht. No. 3.
- 3. Physical barriers shall be either portable concrete barriers or portable water-filled barriers. Installation of portable water-filled barriers shall conform to Manufacturer's recommendations as dictated by design speed and field conditions.
- 4. Providing, transporting, placing, maintaining, relocating and removing physical barriers shall be considered incidental to the various items of work. See Section 645, TRAFFIC CONTROL DEVICES of the Special Provisions.
- 5. Ends of portable barriers shall be protected with Inertial Barriers. Installation of inertial barriers shall conform to Manufacturer's recommendations and approved by the Engineer. Furnishing and installing inertial barriers shall be considered incidental to the various contract items.
- 6. Furnishing and installing reflector markers (RM-3) over the portable barriers shall be considered incidental to the various contract items.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

KUHIO HIGHWAY RESURFACING

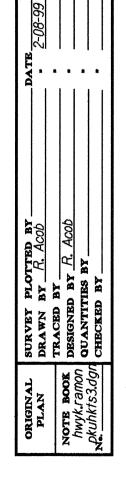
Vicinity of Lumahai Bridge to Alealea Road

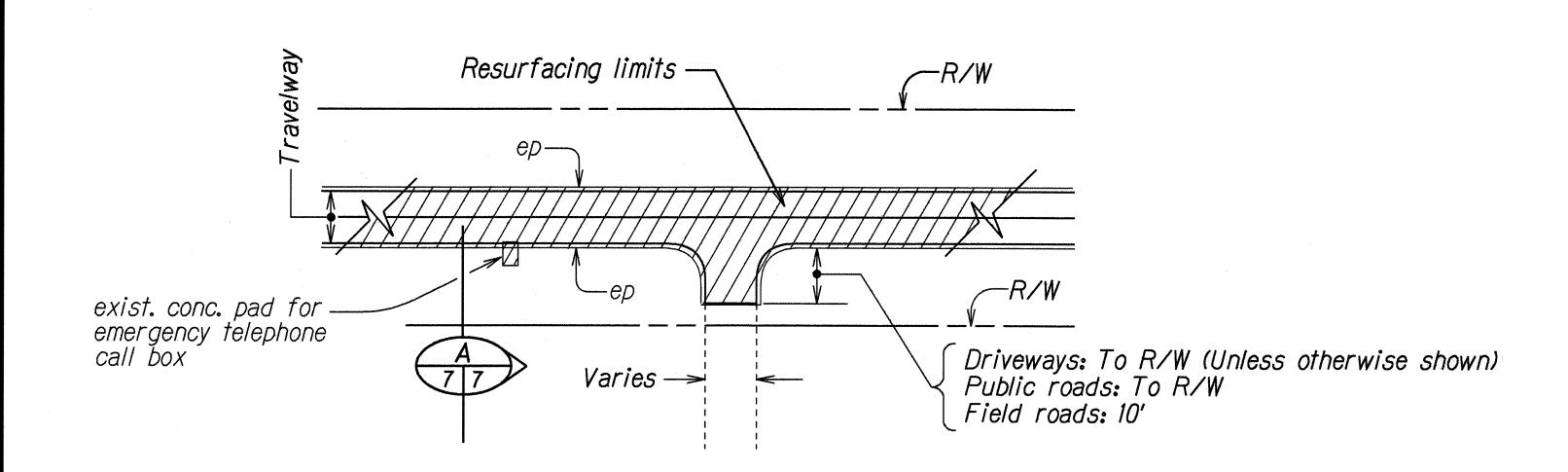
Project No. 560A-01-99M

Scale: As Shown

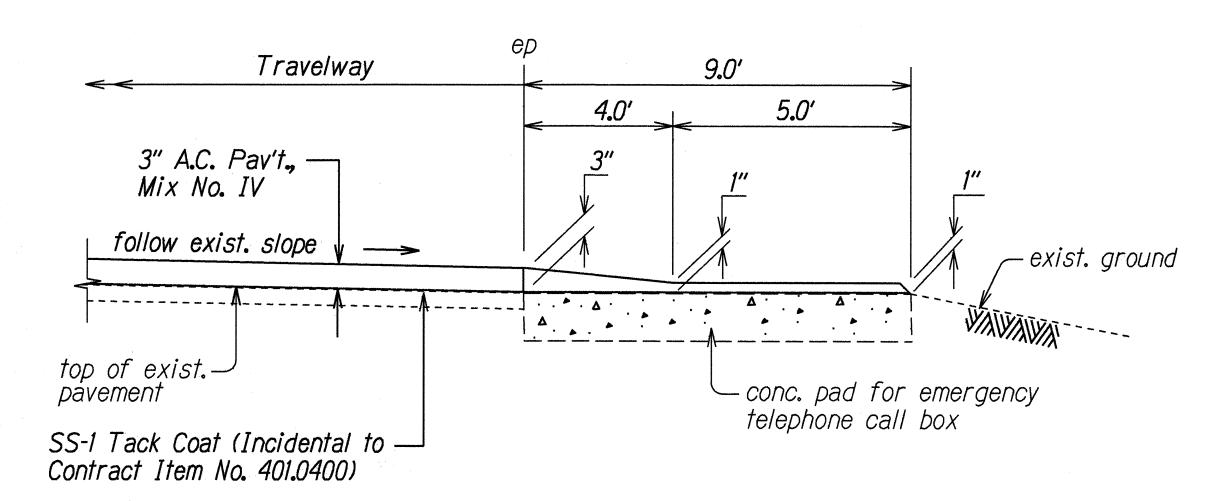
Date: February, 1999

SHEET No. 3 OF 5 SHEETS





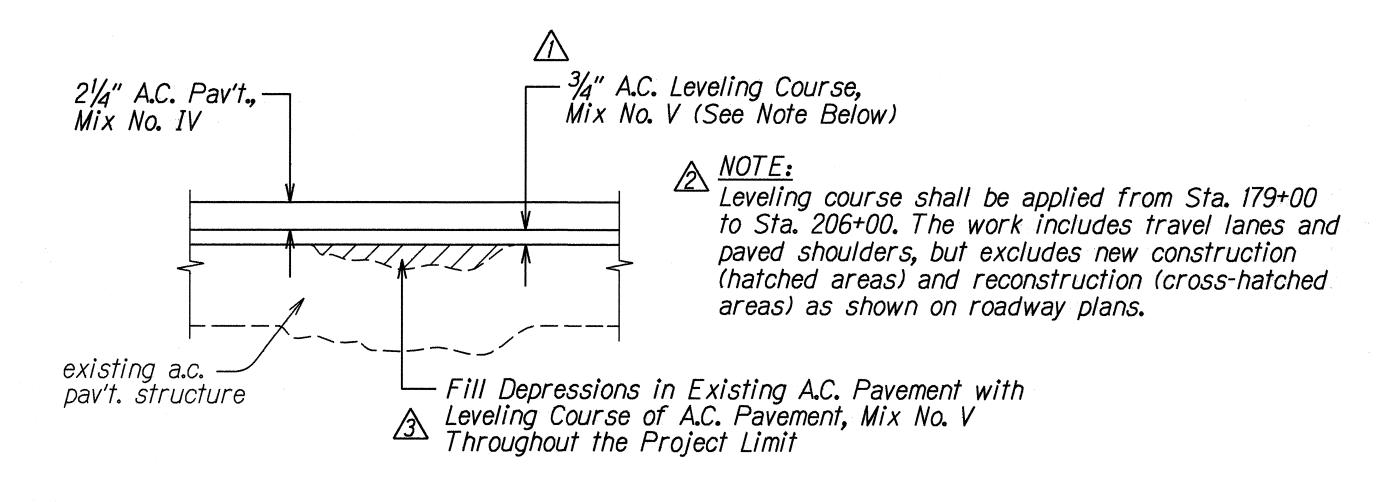
PLAN TYPICAL RESURFACING LIMITS Not To Scale



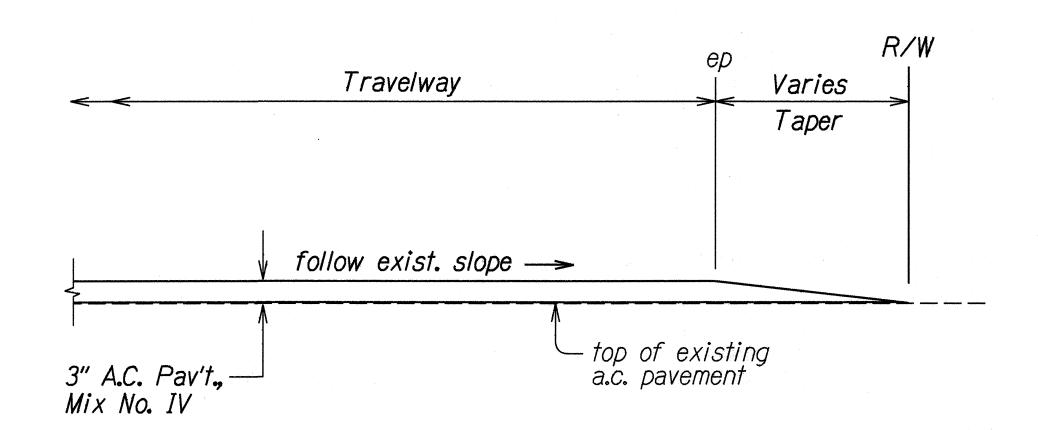


LEVELING COURSE DETAIL

Not To Scale

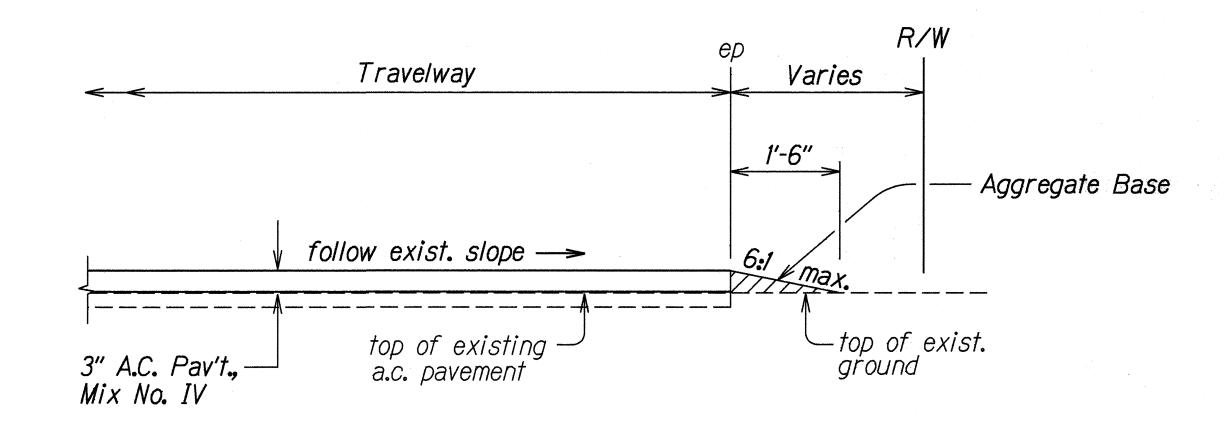


FED. ROAD DIST. NO. FISCAL SHEET YEAR NO. PROJ. NO. STATE 560A-01-99M 1999 ADD. 7



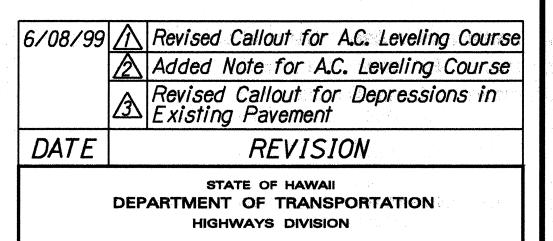
A. C. RESURFACING AT PAVED SIDEROAD OR PAVED DRIVEWAY DETAIL Not To Scale

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



A. C. RESURFACING AT UNPAVED SIDEROAD OR UNPAVED DRIVEWAY DETAIL Not To Scale

NOTE: Aggregate Base Course for unpaved sideroads and driveways shall not be paid for separately, but shall be considered incidental to Contract Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.



TYPICAL SECTIONS

KUHIO HIGHWAY RESURFACING Vicinity of Lumahai Bridge to Alealea Road Project No. 560A-01-99M

Scale: As Shown

Date: February, 1999 SHEET No. 4 OF 5 SHEETS

ADD. 7

