

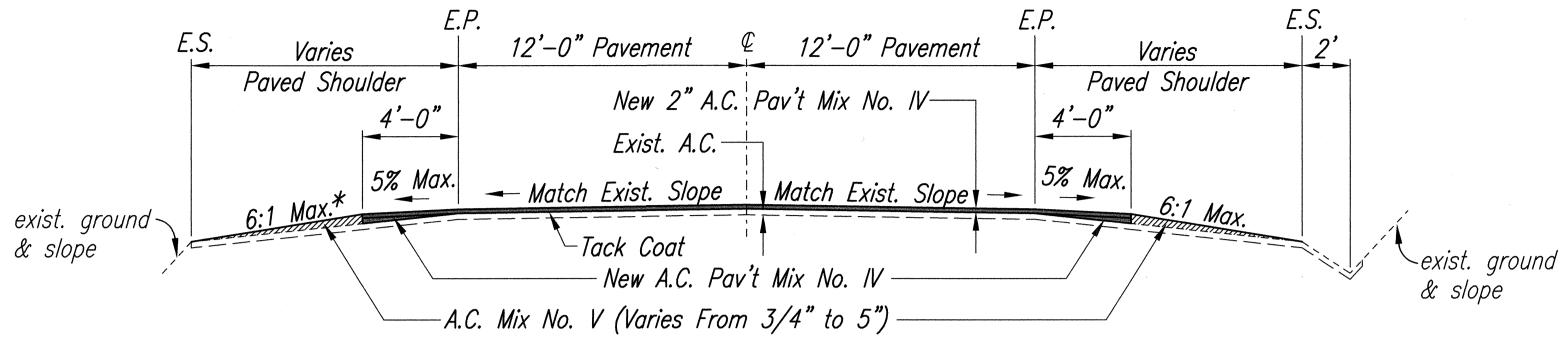
Notes:

- 1. If Exist Condition in Shoulder is Paved, See Tangent Typ. Sec. A.
- 2. Clearing & Grubbing Shall be Provided for Shoulder Areas to be Improved. The Cost Shall be Incidental to Paving Work.
- 3. Aggregate Base/Subbase Course to be Used Only When Suitable Material From Roadway Excavation is Not Available for Shoulder Dressing. See Note 11 on Sheet 3.

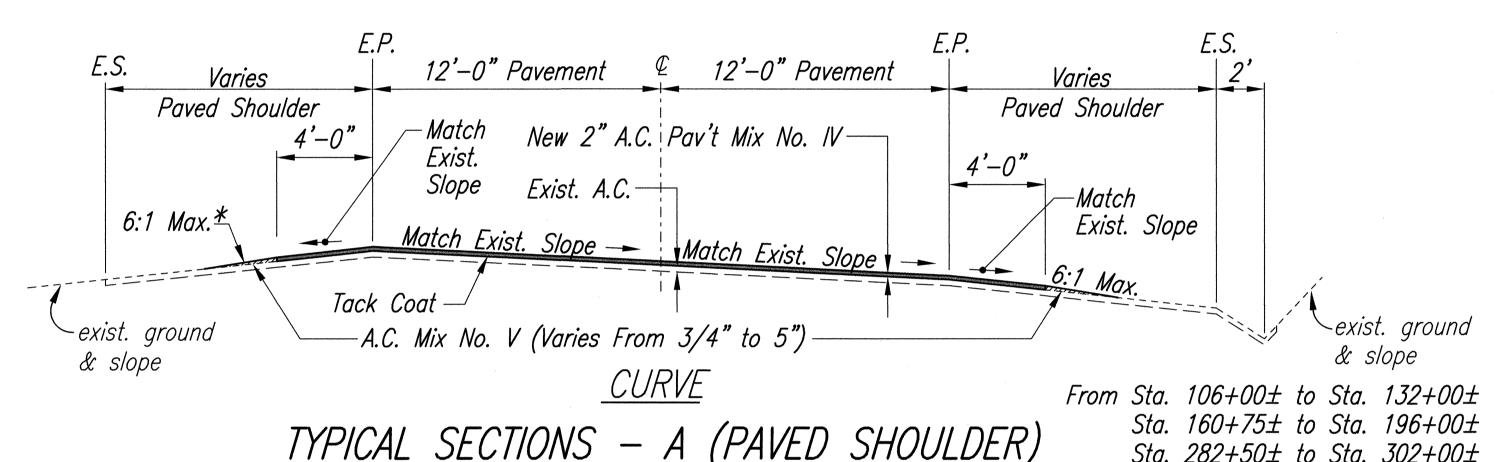
Inbound: $0+00\pm to 11+05.30\pm$

* Where Exist Slopes in Areas Beyond Paved Shoulder are Greater than 6:1, a Maximum Slope of 4:1 Shall be Used, as Shown in Detail A, with the Approval of the Engineer.

FISCAL SHEET TOTAL YEAR NO. SHEETS HAW. 19G-01-99M 1999



<u>TANGENT</u>

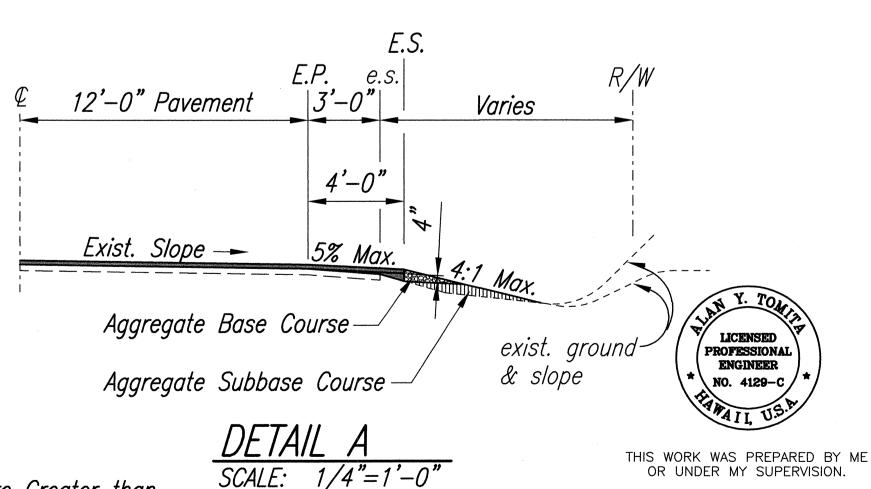


Notes:

- 1. For Roadway Section w/ Guardrail, See Typ. Guardrail Sec.
- 2. If Exist Condition in Shoulder is Non-paved, See Tangent Typ. Sec. B.
- 3. Clearing & Grubbing Shall be Provided for Shoulder Areas to be Improved. The Cost Shall be Incidental to Paving Work.

SCALE: 1/4"=1'-0"

4. Aggregate Base/Subbase Course to be Used Only When Suitable Material From Roadway Excavation is Not Available for Shoulder Dressing. See Note 11 on Sheet 3.



6/3/99 Revised Notes for Typ. Sec. A, B, and ADA, Revised "New 2 1/2" A.C." to "New 2" A.C." for Typ. Sec. for ADA, Added "Note 4" for Typ. Sec.—A, B and ADA, Deleted "Sta. 314+47± to Sta. 316+32±" for Typ Sec. –A Date Revision

Sta. 282+50± to Sta. 302+00±

Sta. 307+30± to Sta. 314+47±

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAILS

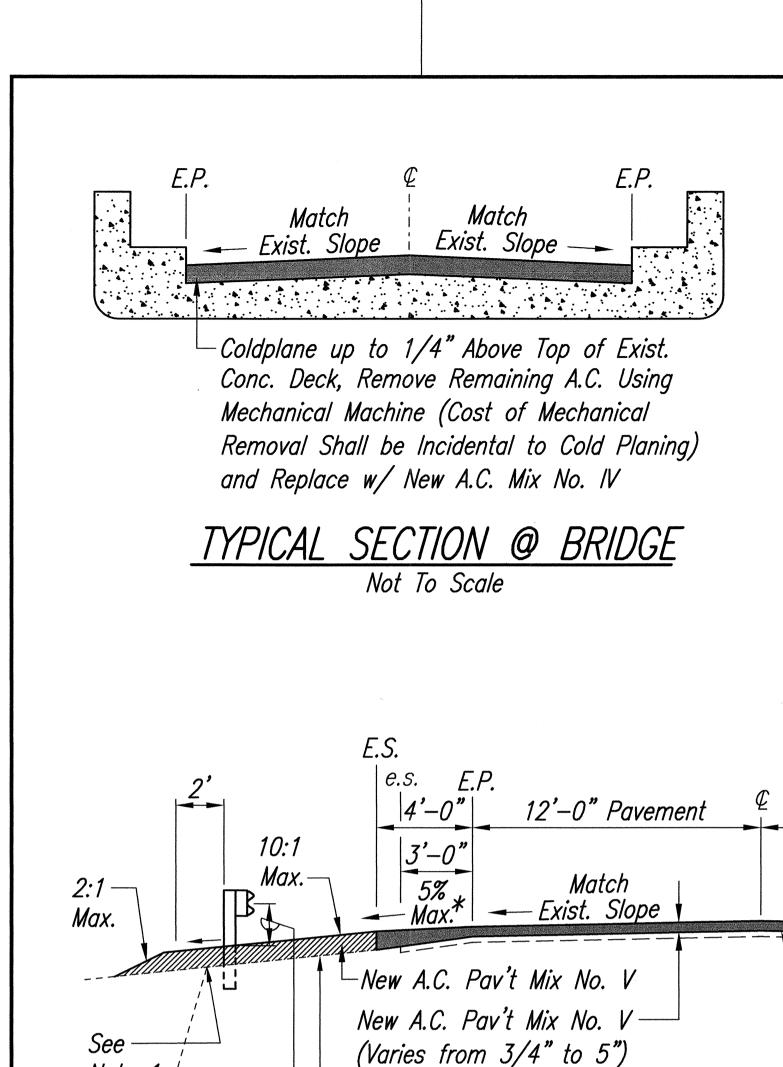
HAWAII BELT ROAD RESURFACING Vicinity of Kahawailiilii Bridge to East Paauilo Bridge Project No. 19G-01-99M

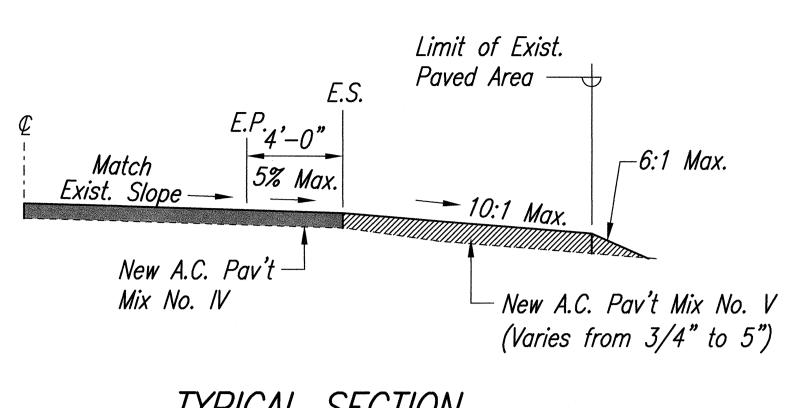
Scale: As Shown

Wan y Esmita

Date: June, 1999 **OF** 2 SHEETS SHEET No.

ADD.

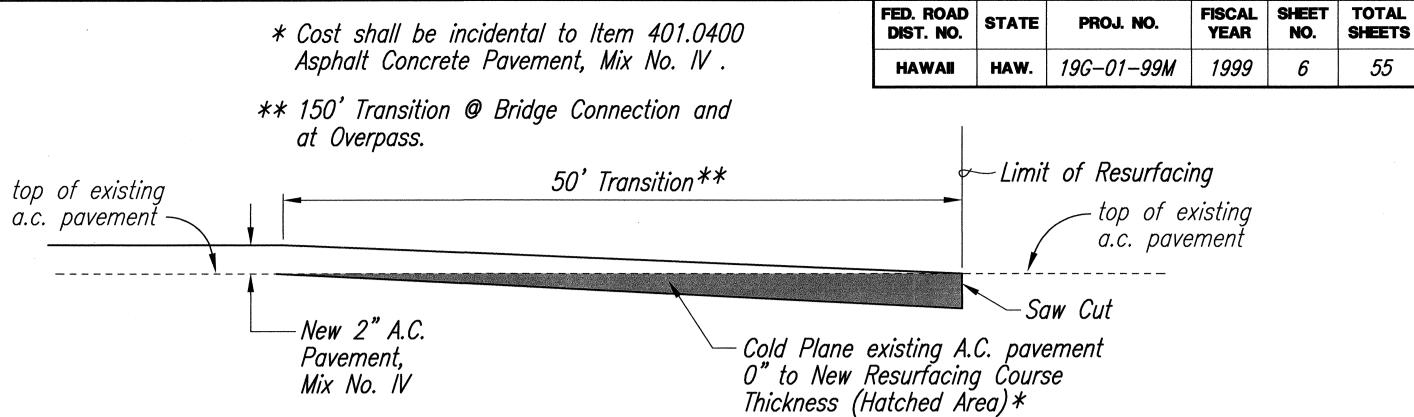




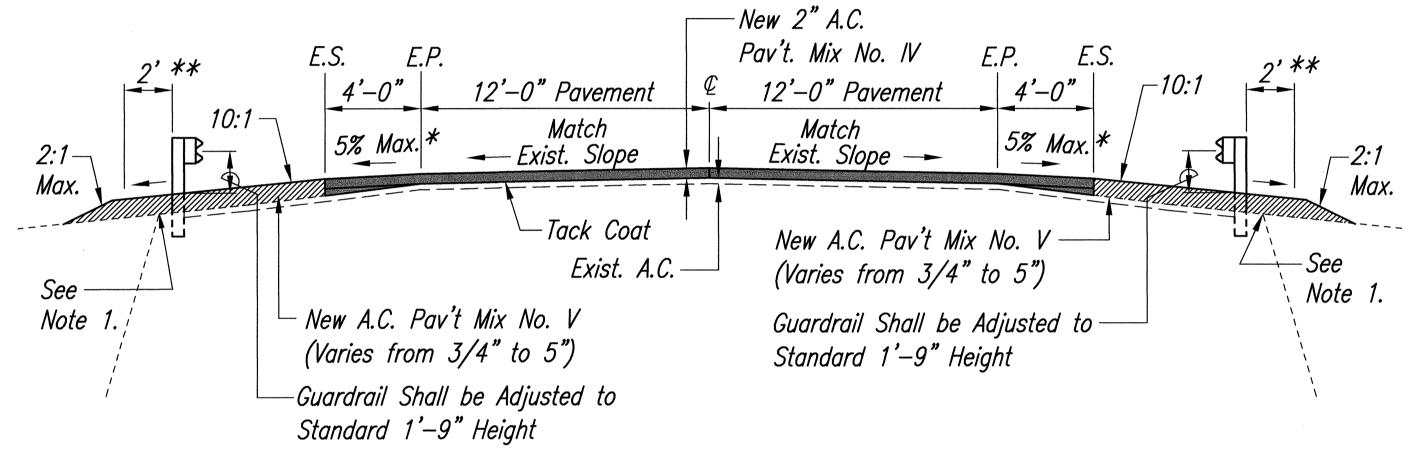


—*10:1*

Max.



COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT @ BEGIN & END PROJECT LIMITS, BRIDGES, BRIDGE CONNECTION AND OVERPASS Not To Scale



NON-PAVED EXISTING CONDITION

Guardrail Shall be Adjusted to —

New A.C. Pav't Mix No. V-

(Varies from 3/4" to 5")

Standard 1'-9" Height

12'-0" Pavement

-Exist. A.C.

-Tack Coat

* Match Exist. Slope @ Superelevation

Match Exist. Slope →

1. Where the Exist. Guardrail Does Not Have the Minimum 2"-0" Flat Clearance Behind the Guardrail, Paving Shall End at the Hinge of Flat

2. Clearing & Grubbing Shall be Provided for Shoulder Areas to be Improved. The Cost Shall be Incidental to Paving Work.

3. All Excess Useable Cold-planed Material Shall be Stockpiled Within the Project Limits at No Cost to the State. Stockpile Locations Shall be Determined by the Engineer.

PAVED EXISTING CONDITION

* Match Exist. Slope @ Superelevation ** If Necessary

6/3/99 | Added Side Road & Driveway Connection Detail, Added Varying Thickness for New A.C. Pavement Mix No. V, Deleted Description for 2'-0" flat Clearance Behind the Guardrail, Revised text "Readjusted" to "Adjusted", Revised Title for Typical Section @ Pullover Area. Revised Title for Cold Planed Transition to Exist. A.C. Pavement @ Begin & End Project Date Revision

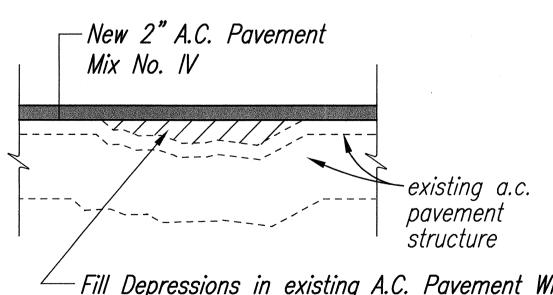
DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAILS

HAWAII BELT ROAD RESURFACING Vicinity of Kahawailiilii Bridge to East Paauilo Bridge Project No. 19G-01-99M

Scale: As Shown Date: June, 1999

SHEET No. 2 OF 2 SHEETS



Note 1

SURVEY DRAWN 1 TRACED DESIGNE

Fill Depressions in existing A.C. Pavement With leveling course of A.C. Pavement Mix No. V, As Directed By The Engineer In The Field.

LEVELING COURSE DETAIL Not to Scale

TYPICAL SECTION @ GUARDRAILS

- R/W or Limit of Resufacing Resurfaced Road Taper Varies Exist. Paved Driveway or Side Road 10' @ Side Road — New 2" Min. A.C. New 2" A.C. 4' @ Driveway Pavement Mix No. IV **Pavement** Mix No. IV - Provide Smooth Riding – Tack Čoat Connection to Exist. Slope Varies Side Road or Driveway top of exist a.c. pavement

A.C. RESURFACING AT PAVED SIDE ROAD & DRIVEWAY

Not to Scale

−2:1 Мах.

-See Note 1.

- Exist. Grass

Shoulder

Not to Scale

Clany Fornita

LICENSED PROFESSIONAL ENGINEER

THIS WORK WAS PREPARED BY MI



-Exist. Grass Shoulder

Standard 1'-9" Height

Guardrail Shall be Adjusted to

ADD.

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