

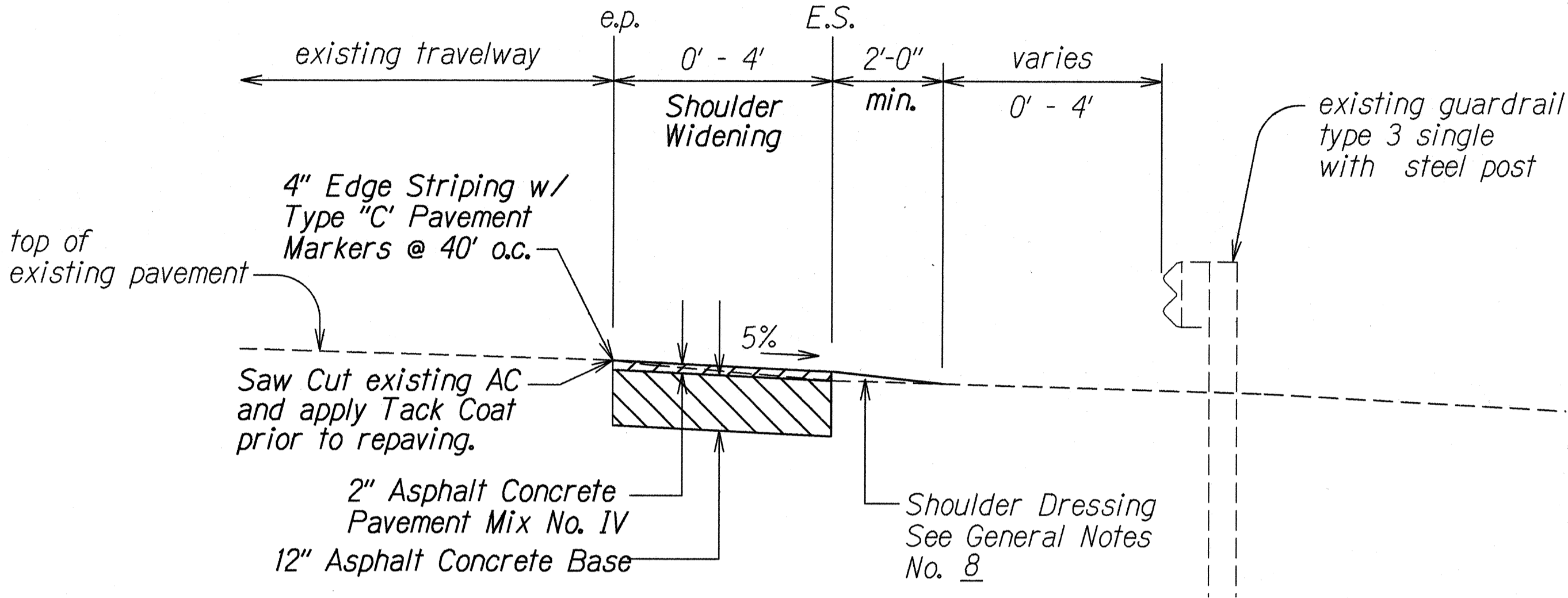
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(58)	2001	4	52

GENERAL NOTES

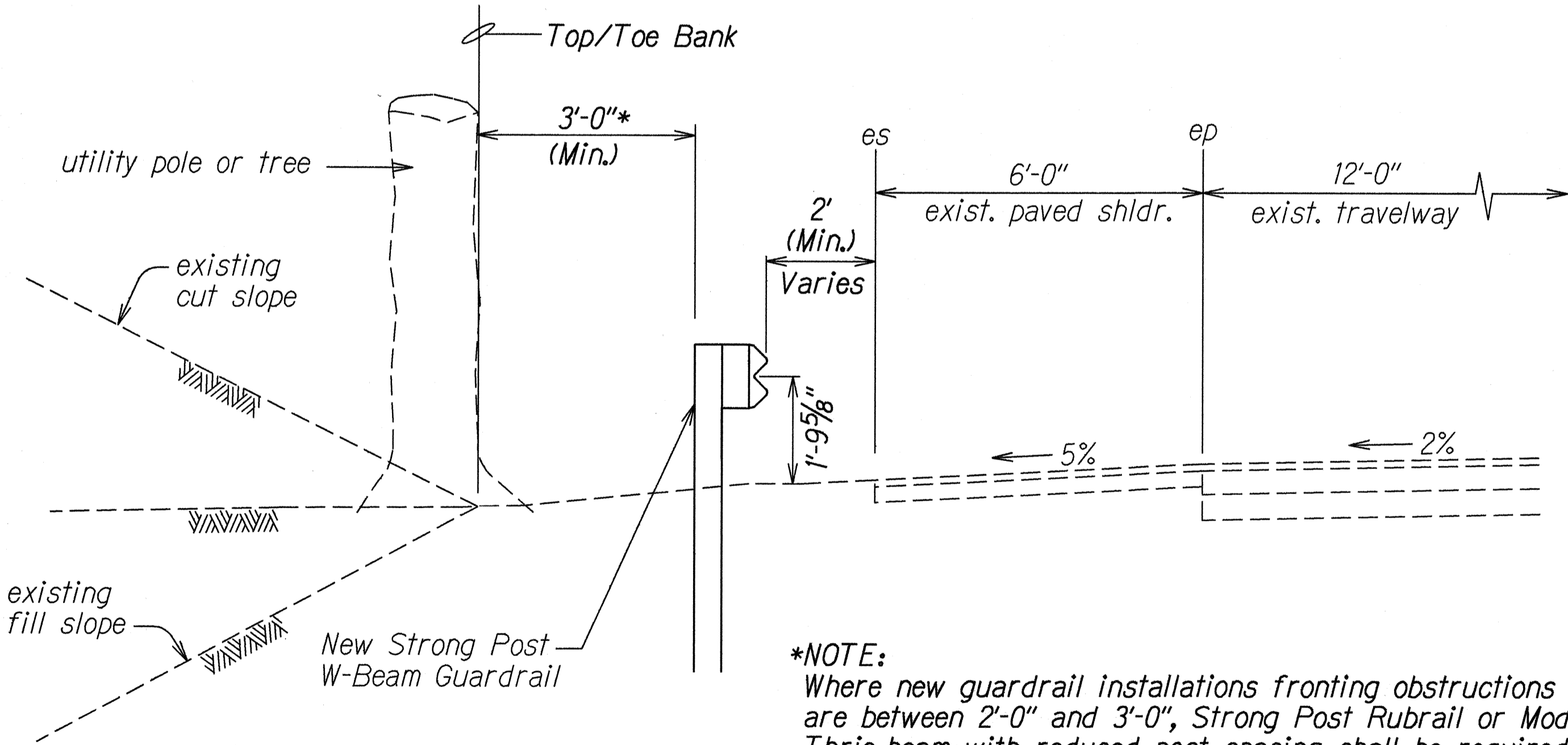
- The scope of work for this project consists of replacing and upgrading existing guardrails and guardrail terminals; upgrading bridge endpost and rails; cleaning up and extending existing culverts; and constructing paved shoulder.
- The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 -Traffic Control.
- At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
- The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
- The Contractor shall remove and dispose of all existing raised pavement markers and traffic tapes prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
- Dressing of shoulder, sidewalk and bus turnout shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.
- Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
- Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
- The contractor shall provide for access to and from all existing side streets at all times.
- All saw cutting work shall be considered incidental to A.C. Pavement, Mix No. IV.

LEGEND

- e— Existing Electrical Line
- o_{jp} Existing Joint Pole
- o_{pp} Existing Power Pole
- o_{tp} Existing Telephone Pole
- ew-8— Existing 8" Water Line
- ew-12— Existing 12" Water Line
- ew-18— Existing 18" Water Line
- o_{wmh} Existing Water Manhole
- o_{av} Existing Water Air Valve
- o_{wrv} Existing Water Valve Box
- =wm Existing Water Meter
- o_{fh} Existing Fire Hydrant
- ir-15— Existing 15" Irrigation Line
- s-12— Existing Sewer Line
- o_{smh} Existing Sewer Manhole
- o_{mon} Existing Monument
- d--24--- Existing 24" Drain Line
- o_{sdmh} Existing Storm Drain Manhole
- g_{di} Existing Grated Drop Inlet
- cb Existing Catch Basin
- p Existing Traffic Sign
- o Existing Highway Lighting Standard
- RM-3
- RM-4



TYPICAL SECTION FOR SHOULDER WIDENING
HANA HIGHWAY @ STA. 156+40± TO @ STA. 173+90±
 Scale: 1/2"=1'



***NOTE:**
 Where new guardrail installations fronting obstructions are between 2'-0" and 3'-0", Strong Post Rubrail or Modified Thrie-beam with reduced post spacing shall be required. Should distance between back of guardrail post and obstruction be less than 2'-0", a special guardrail design will be required. The Engineer will be notified at least 5 days prior to construction should a special guardrail design be required.

TYPICAL HALF SECTION
FOR SHOULDER AND GUARDRAIL CONSTRUCTION
 Scale: 1/2" = 1'-0"

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

GENERAL NOTES, LEGEND & TYPICAL SECTION

HANA HIGHWAY, Dairy Road to Vicinity of Paia Town & PITALANI HIGHWAY, Mokulele Hwy. to Wailea Ike Drive

GUARDRAIL AND SHOULDER IMPROVEMENTS

Federal Aid Project No. STP-0900(58)

Scale: As Noted Date: Oct., 1999

SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	NOTE BOOK	
	log in: teddy	
	CHECKED BY	