

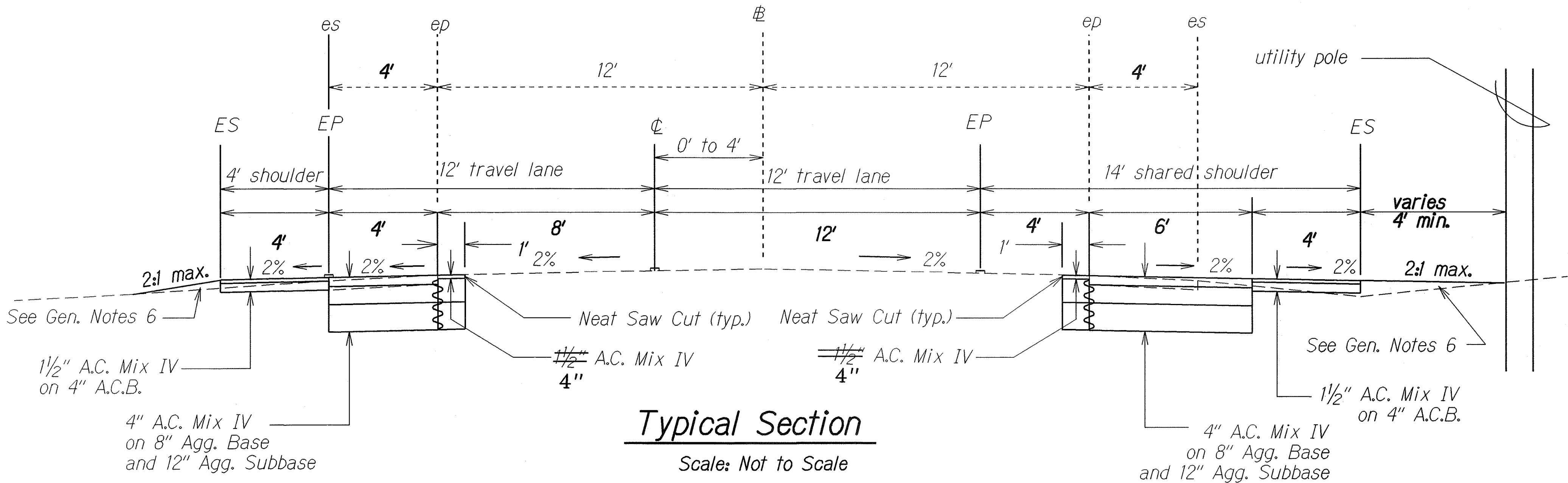
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36B-02-02	2003	3	13

### GENERAL NOTES

- The scope of work for this project consists of demolishing existing 4-foot shoulders, eradicating pavement markings, widening travelway, constructing new shoulders and installing new signs, pavement marking and striping.
- 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 may use excavated shoulder materials for embankment build up and shoulder dressing. Embankment build up shall be compacted according to contract.
- 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 various contract items.
- Smoothness of paved surfaces: The distance from the paved surface to the testing edge of a ten foot straight edge between two points of contact shall not exceed 3/16 inch.

### LEGEND

- e— Existing Electrical Line
- °jp Existing Joint Pole
- °pp Existing Power Pole
- °emh Existing Electric Manhole
- EMH Adjusted Elec. MH Frame/Cover
- t— Existing Telephone Line
- °tp Existing Telephone Pole
- °tmh Existing Telephone Manhole
- TMH Adjusted Tele. MH Frame/Cover
- ΔC— Existing Signal Corps Line
- tv— Existing TV Cable
- w-8— Existing 8" Water Line
- °wmh Existing Water Manhole
- WMH Adjusted Water MH Frame/Cover
- °av Existing Water Air Valve
- AV Adjusted Water Air Valve
- °wv Existing Water Valve Box
- WV Adjusted Water Valve Box
- °wm Existing Water Meter
- WM Adjusted Water Meter
- °fh Existing Fire Hydrant
- Δ-18— Existing 18" Sewer Line
- °smh Existing Sewer Manhole
- SMH Adjusted Sewer MH Frame/Cover
- mon. Existing Monument
- MON. Adjusted Monument
- d--24-- Existing 24" Drain Line
- fm-10-- Existing 10" Force Main
- ir-18-- Existing 18" Irrigation Line
- °sdmh Existing Storm Drain Manhole
- SDMH Adjusted Storm Drain MH Frame/Cover
- gdi Existing Grated Drop Inlet
- cb Existing Catch Basin
- p Existing Traffic Sign
- ▮ New Traffic Sign
- ▮ New traffic sign with 2 posts
- Existing Highway Lighting Standard



**Typical Section**

Scale: Not to Scale

### LEGEND FOR AS-BUILT POSTINGS

- ~~~~~ Squiggly line for as-built deletion
- == Double line for as-built deletion
- Roadway Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GENERAL NOTES, LEGEND & TYPICAL SECTION**  
**HANA HIGHWAY SHOULDER LANE**  
**Alawai Road to Paia**  
**Project No. 36B-02-02**  
Scale: As Shown      Date: Sep, 2002  
SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	

asbuilt2008.qhanmgn.dgn

"AS-BUILT"