

FED. ROAD STATE HAW. MAUI Erosion mat -Anchor Plate - Conical Wedge Grip Stainless Steel Tendon --Slight depression Mechanical earth anchor (Platipus S4 Geo or equal) Install per manufacturers' instructions Notes: Secure all erosion mat edges with mechanical earth anchors at 4' on center.

MECHANICAL EARTH ANCHORS

Erosion mat-

— Grout Column Soil/Rock Anchor

Grouted soil/rock anchor with diamond-shaped spike plate -

> — Erosion Mat

FED. AID PROJ. NO.

ER-16(009)

FISCAL SHEET TOTAL YEAR NO. SHEETS

2012 4

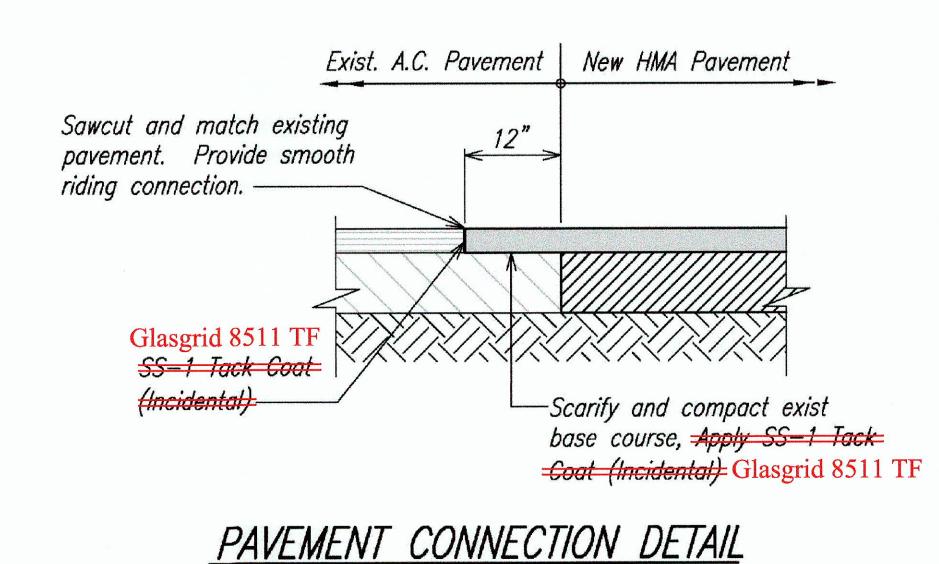
 \times Grouted Soil/Rock anchor and spike plate

SOIL/ROCK ANCHORS

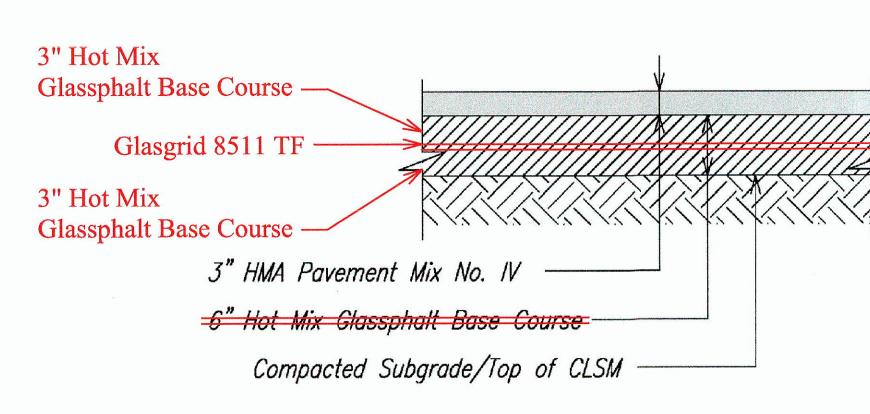
LOAD TABLE		
GROUTED SOIL/ROCK ANCHOR	FORCE (V)	REQUIRED TORQUE (M)
d =1 1/4"	N/A 780	N/A 780

Notes:

- 1. All exposed metal parts shall be powder coated flat black color.
- 2. All stainless steel components shall be either Type 304 or 316.
- 3. All miscellaneous materials such as bolts, nuts, washers, plates, etc shall be hot-dipped galvanized and powder coated with a flat black color.
- 4. The Contractor shall inform the Engineer three (3) working days in advance when grouting the anchors. Engineer shall be present during all grouting operations. No grouting shall be performed without the presence of the
- 5. Details shown here are for general guidance. The Contractor shall install the mesh system per the manufacturer's instructions and approved shop drawings.



Not To Scale



ANCHORED EROSION MAT DETAILS

Not To Scale

PAVEMENT STRUCTURE Not To Scale

Note:

Pavement structure shall be as shown or match existing thickness, whichever is greater.

AECOM

Grouted soil/rock anchor

with 5"x5" load plate

color black (typ)

LEGEND FOR AS-BUILT POSTINGS Squiggly line for as-built deletion

Double line for 100.00

as-built deletion Roadway Text for as-built



DOPRATION DATE OF THE LICENSE 4/30/2014
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

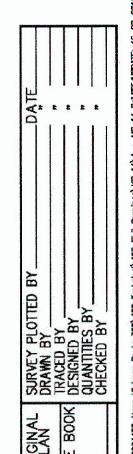
Erosion Mat

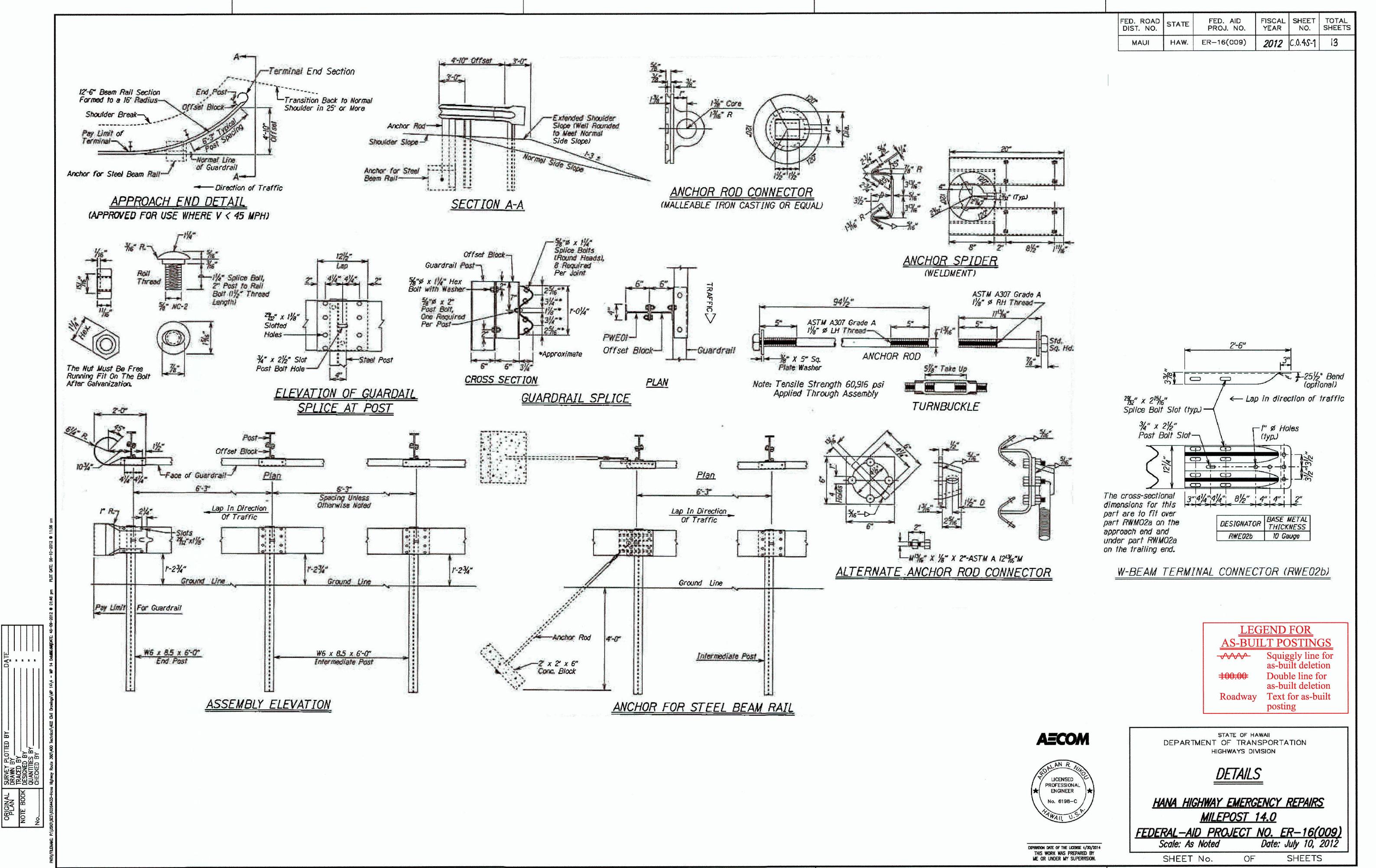
DETAILS

HANA HIGHWAY EMERGENCY REPAIRS MILEPOST 14.0 FEDERAL-AID PROJECT NO. ER-16(009)

Date: July 10, 2012 Scale: As Noted SHEET No. 4 OF 13 SHEETS

"AS-BUILT"





"AS-BUILT"

C.O.4S-1