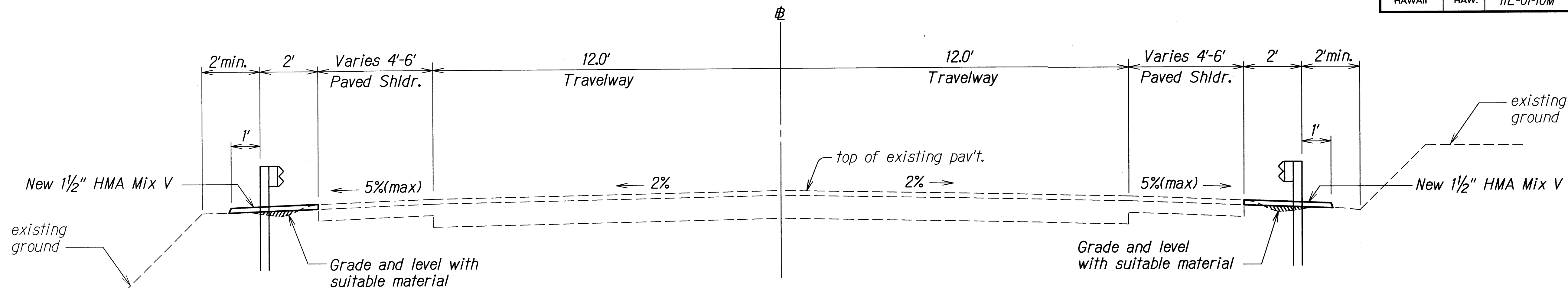
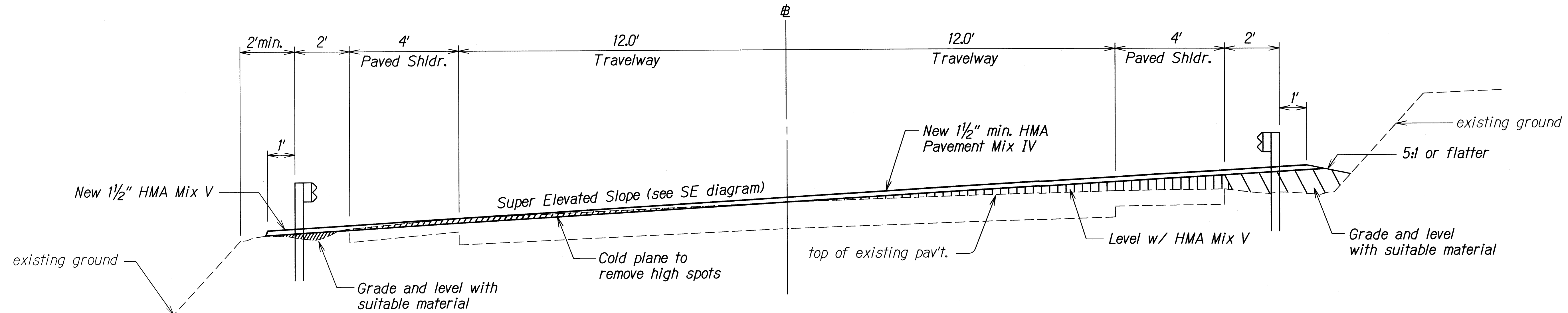


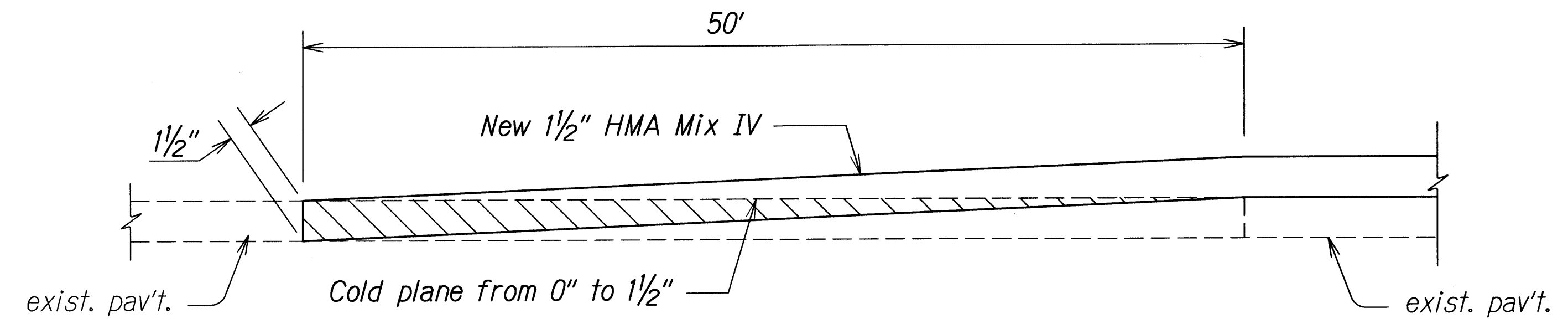
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11E-01-10M	2010	6	32



TYPICAL SECTION FOR PAVING UNDER NEW GUARDRAIL
Not To Scale



TYPICAL SECTION THROUGH SUPERELEVATION CURVE
STA. 368+25.42 THROUGH STA. 380+45.53
Not To Scale



TRANSITION DETAIL
Not To Scale

Notes:

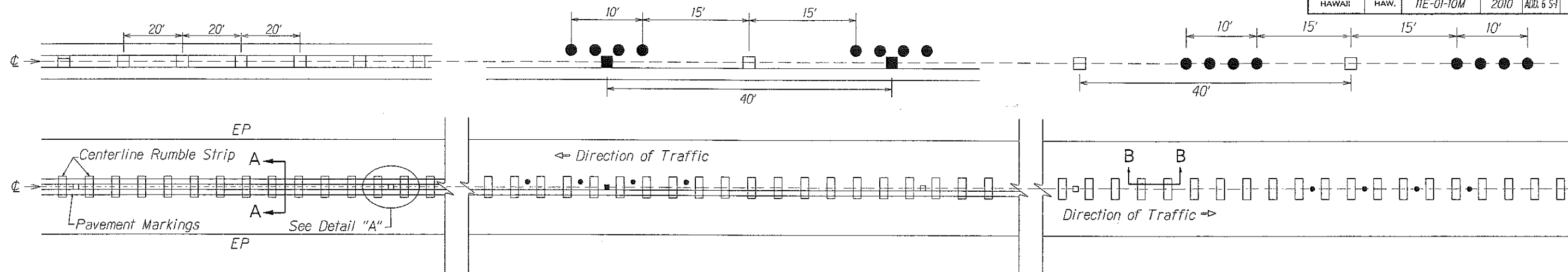
- Shoulder paving and paving under the guardrail with AC Mix V shall be paid under Item No. 401.0500 - Asphalt Concrete Pavement, Mix No. V.
- Grading placing, leveling and compacting of suitable material will not be paid for separately, but considered incidental to contract items in Section 401 - Asphalt Concrete Pavement.
- The contractor is to maintain all longitudinal drainage as shown on the plans or as directed by the Engineer.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

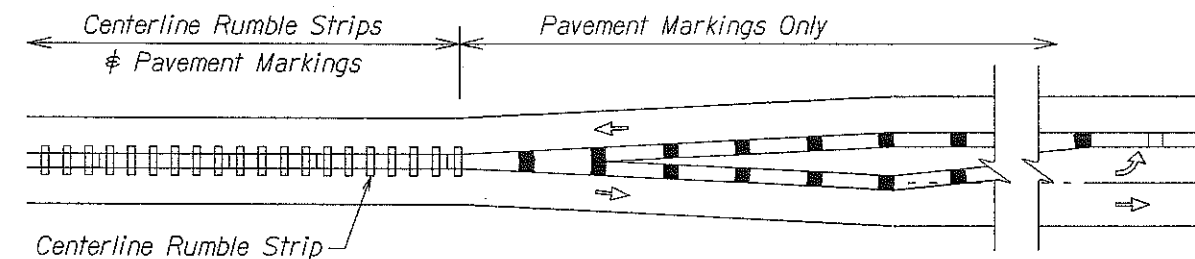
TYPICAL SECTION
MAMALAHOA HIGHWAY GUARDRAIL REPAIRS
Vicinity of Kahuku
Project No. 11E-01-10M
Scale: 1" = 40'
Date: May, 2010
SHEET No. 1 OF 1 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

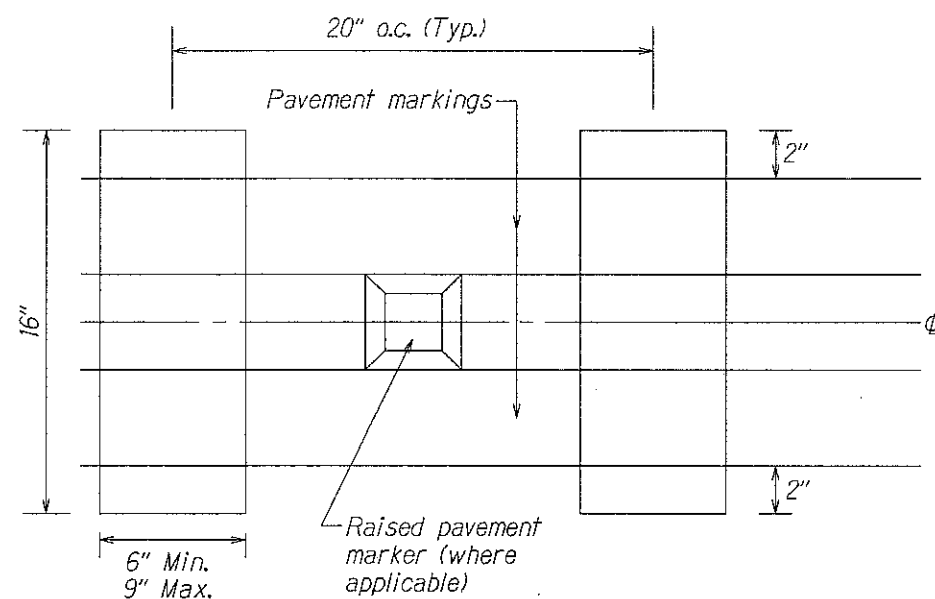
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11E-01-10M	2010	ADD. 6 S-1	32



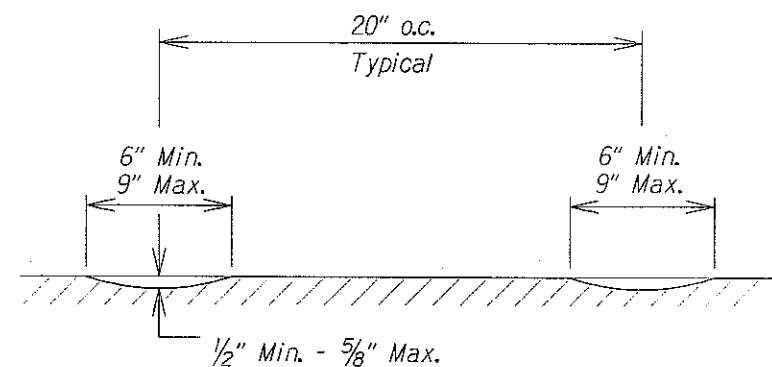
PLAN - CENTERLINE MILLED RUMBLE STRIP
Not to Scale



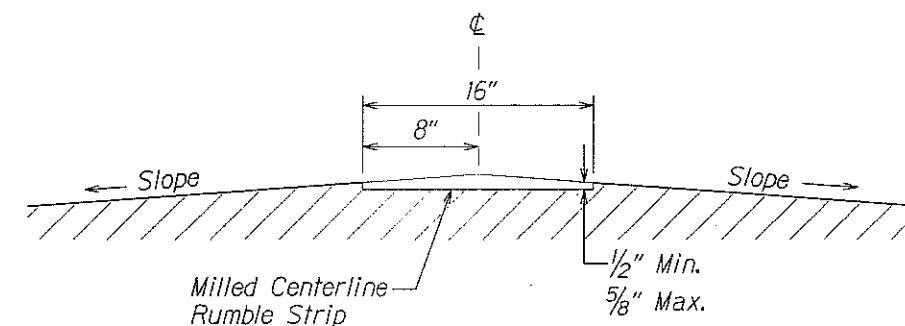
CENTERLINE MILLED RUMBLE STRIP INSTALLATION LIMIT
Not to Scale



DETAIL "A"
Not to Scale



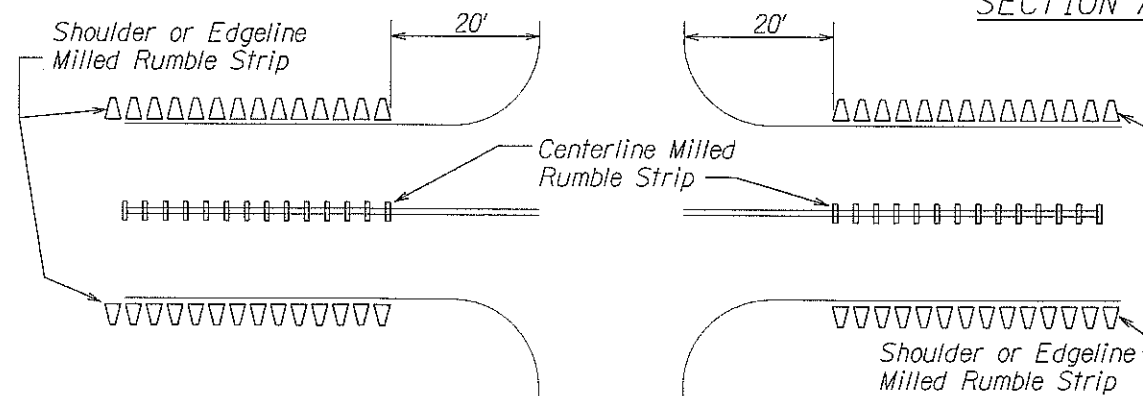
SECTION B-B - CENTERLINE MILLED RUMBLE STRIP
Not to Scale



SECTION A-A - CENTERLINE MILLED RUMBLE STRIP
Not to Scale

NOTES:

1. The method of constructing the centerline milled rumble strip shall be submitted to the Engineer for acceptance prior to the actual work.
2. Dimensions shown are approximate. Adjust rumble strip spacing to coordinate with pavement markings prior to installation.
3. Raised pavement markers shall be installed on level surface between the rumble strips. Do not install raised pavement markers inside the milled area.
4. The construction of the centerline milled rumble strip shall be paid for under Item No. 615.0100 - 16-inch Milled Rumble Strip, Centerline. The construction of the shoulder milled rumble strip shall be paid for under Item No. 615.0300 - 12-Inch Milled Rumble Strip, Shoulder.
5. The milling apparatus and removal of existing pavement markings will not be paid for separately and shall be considered incidental to Item 615.0100 - 16-Inch Milled Rumble Strip, Centerline.
6. Do not install centerline rumble strips on bridge decks.
7. Where at-grade bridges are present, rumble strips shall end/begin 20 L.F. beyond the existing bridge deck joints/concrete approach slab.



MILLED RUMBLE STRIP INSTALLATION LIMITS
STATION 364+00 TO STATION 375+00
Not to Scale

6/15/10 New Sheet Added

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**CENTERLINE MILLED
RUMBLE STRIP DETAIL**
MAMALAHOA HIGHWAY
GUARDRAIL REPAIRS

Vicinity of Kahuku
Project No. 11E-01-10M
Scale: As Shown Date: May 2010
SHEET No. 1 OF 1 SHEETS

ADD. 6 S-1