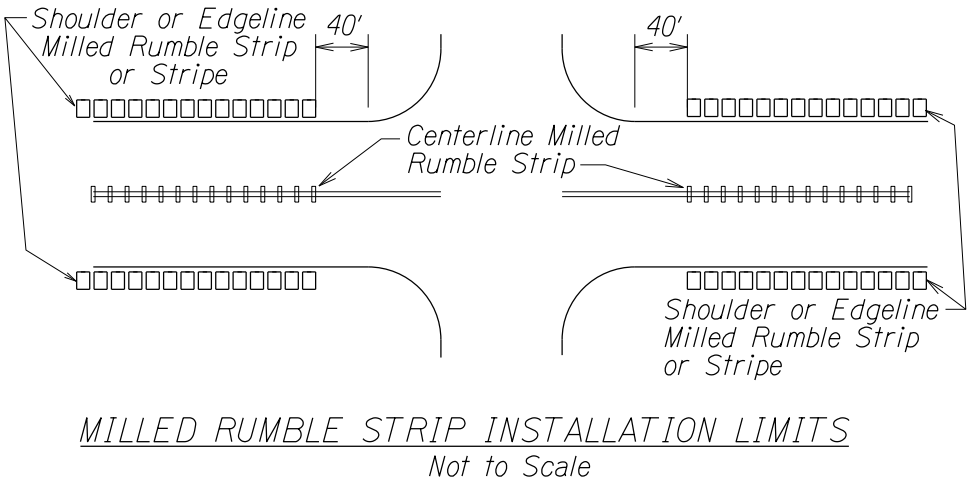
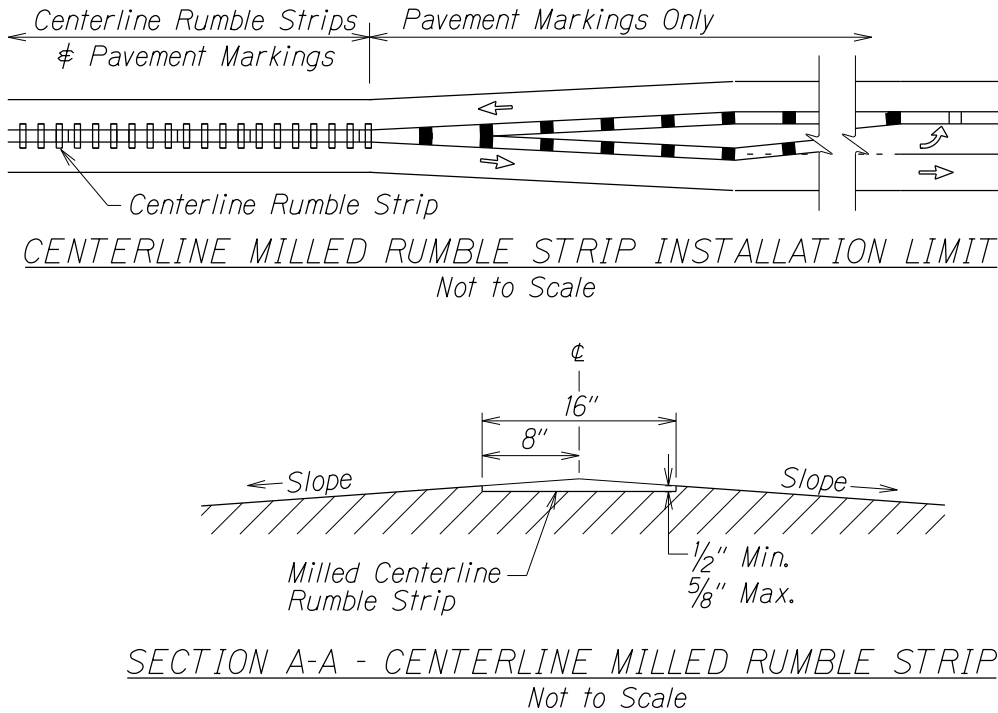
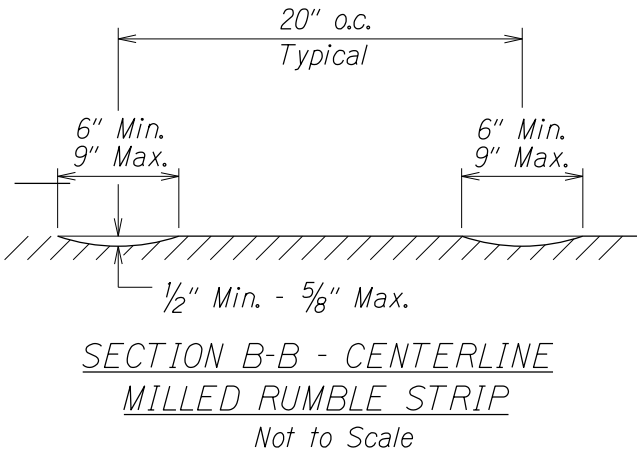
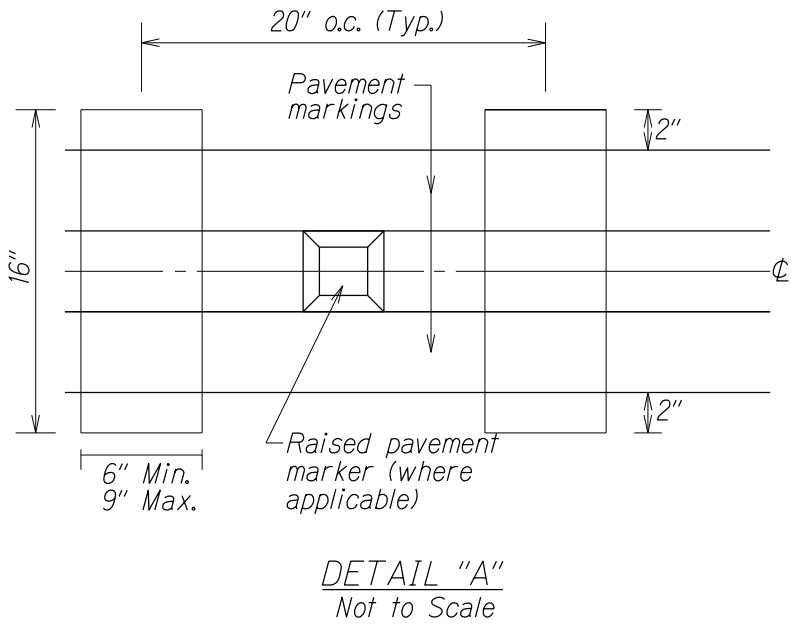
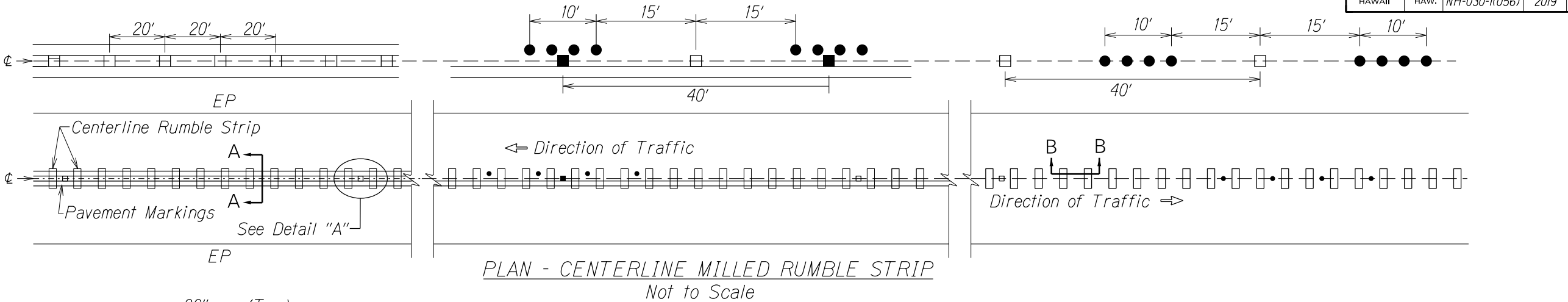


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-030-1(056) | 2019 | 26 | 41 |



- NOTES:
1. Dimensions shown are approximate. Adjust rumble strip spacing to coordinate with pavement markings prior to installation.
 2. Raised pavement markers shall be installed on level surface between the rumble strips. Do not install raised pavement markers inside the milled area.
 3. Do not install centerline rumble strips on bridge decks.
 4. Where at-grade bridges are present, rumble strips shall end/begin 20 L.F. beyond the existing bridge deck joints/concrete approach slab.
 5. Hot spray thermoplastic shall be used for solid line markings within the milled centerline rumble strip area.

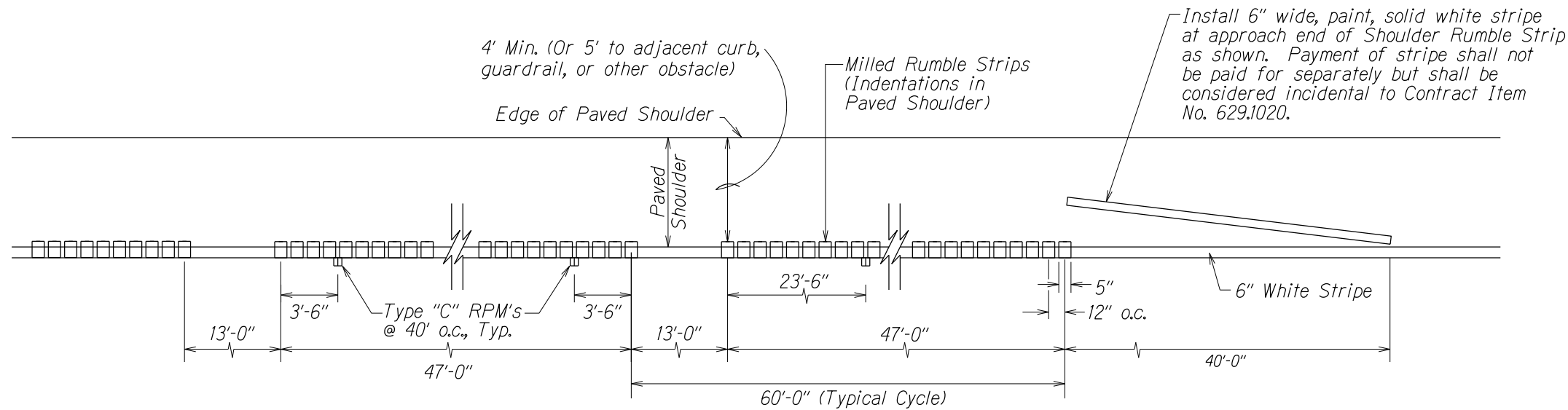
| DATE | BY |
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

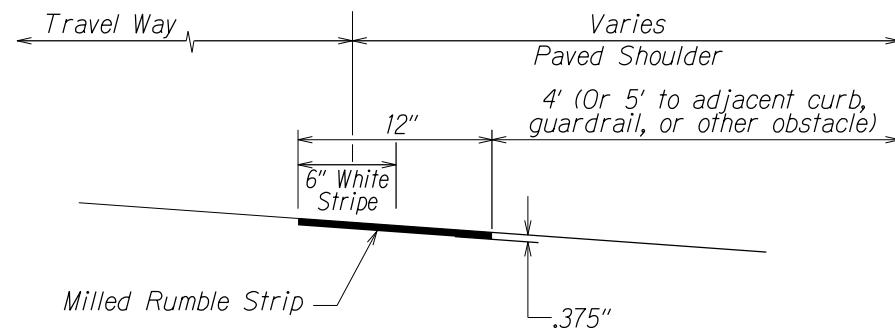
CENTERLINE MILLED RUMBLE STRIP DETAIL
HONOAPIILANI HIGHWAY RESURFACING
Keanu Street to Kuihelani Highway
Federal-Aid Project No. NH-030-1(056)
Scale: As Shown Date: January, 2018

SHEET No. 1 OF 2 SHEETS

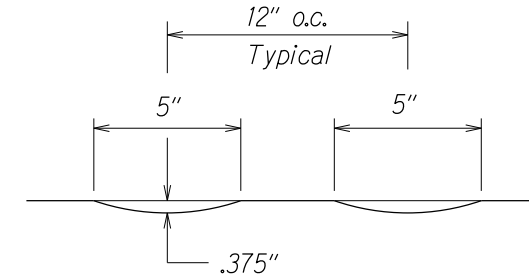
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-030-1(056) | 2019 | 27 | 41 |



PLAN - MILLED EDGE LINE RUMBLE STRIPE
Not to Scale



LONGITUDINAL SECTION - MILLED EDGE LINE RUMBLE STRIPE



CROSS SECTION
MILLED EDGE LINE RUMBLE STRIPE
Not to Scale

NOTES:

1. Edge line rumble stripe should not be used unless 4 feet of clear shoulder width for bicycle use is available between the rumble stripes and the outer edge of the paved shoulder.
2. Do not place Type "C" markers within 2 feet of the 13 feet Rumble Strip opening.

EDGE LINE RUMBLE STRIPES

| | | |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK | DESIGNED BY | |
| QUANTITIES BY | CHECKED BY | |
| DATE | | |

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**EDGE LINE MILLED
RUMBLE STRIP**

HONOAPIILANI HIGHWAY RESURFACING
Keanu Street to Kuihelani Highway
Federal-Aid Project No. NH-030-1(056)
Scale: As Shown Date: January, 2018

SHEET No. 2 OF 2 SHEETS