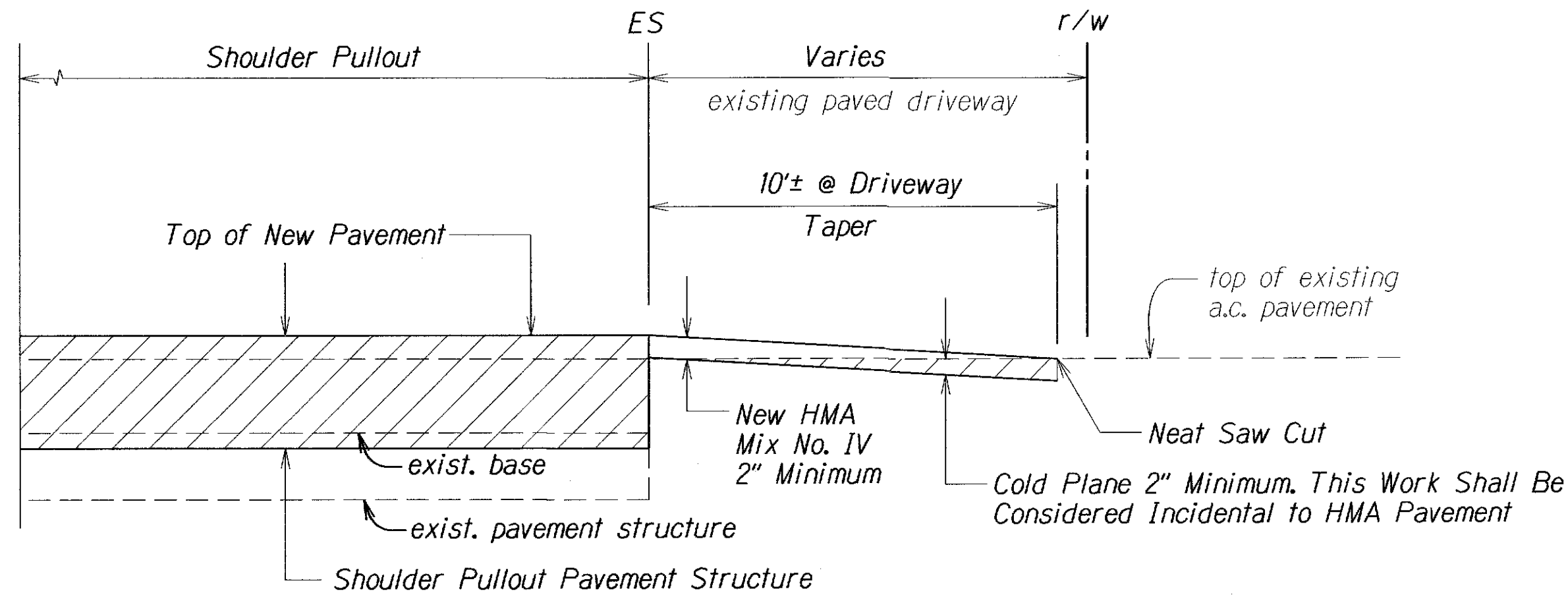
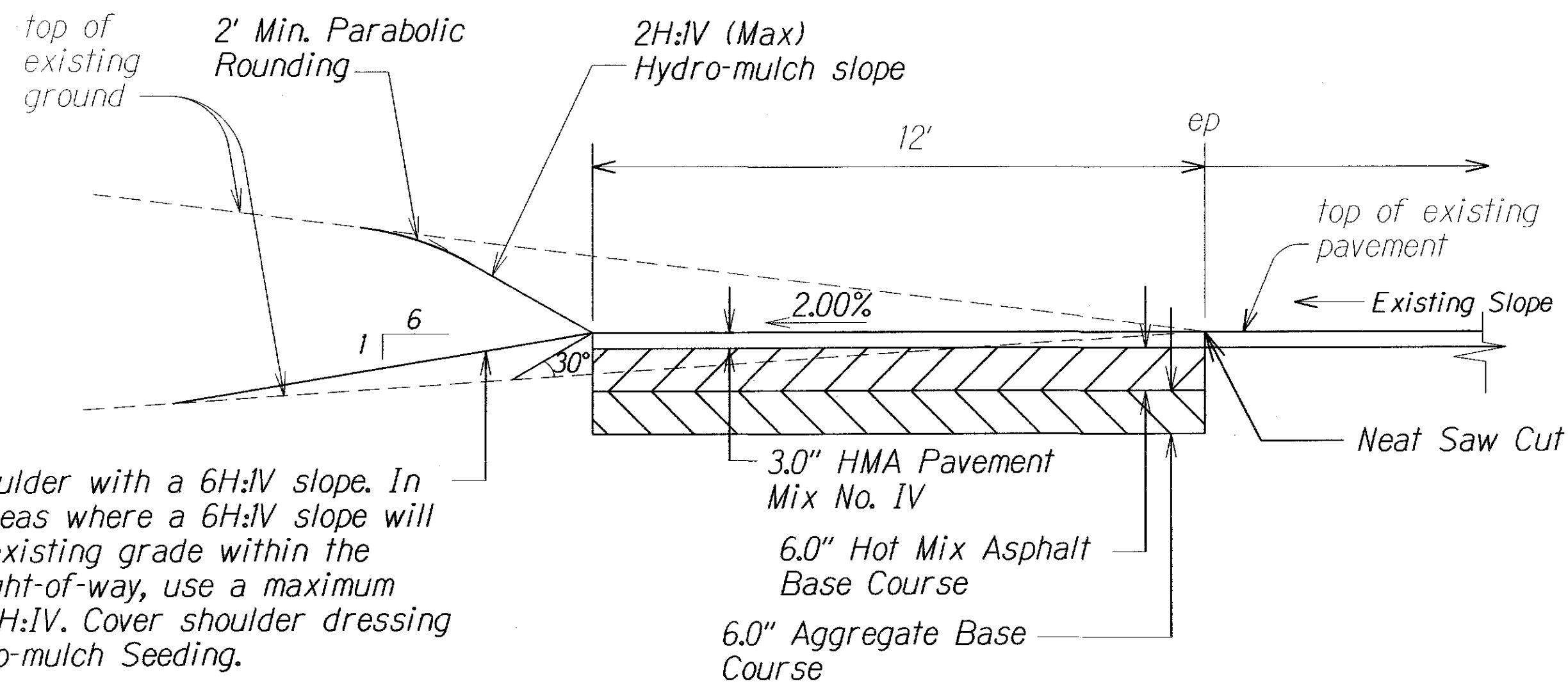


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HS1P-2050(007)	2017	ADD. 7	35



SHOULDER PULLOUT AT PAVED DRIVEWAY DETAIL
Not to Scale

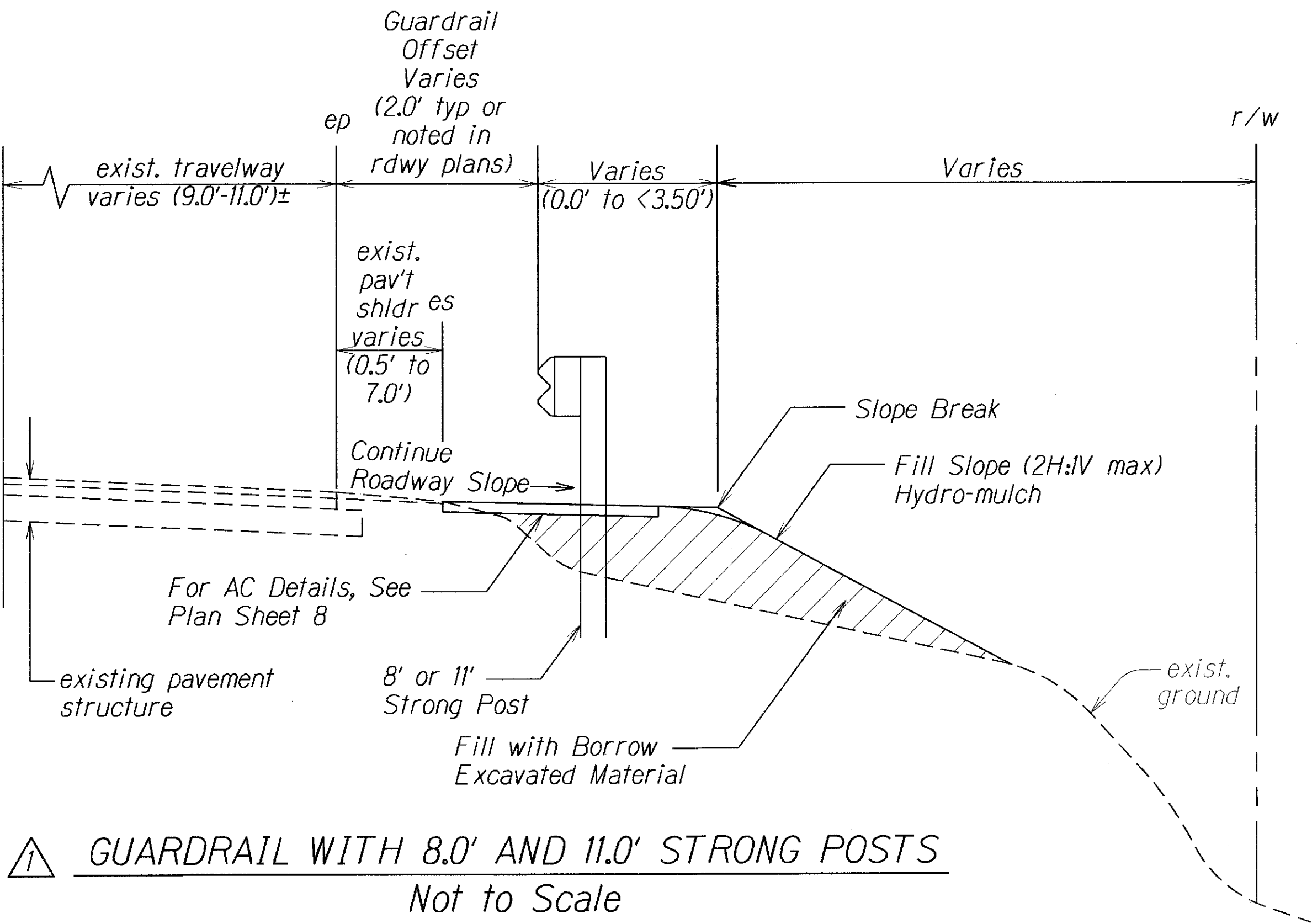


Dress shoulder with a 6H:1V slope. In steeper areas where a 6H:1V slope will not meet existing grade within the State's right-of-way, use a maximum slope of 4H:1V. Cover shoulder dressing with Hydro-mulch Seeding.

TYPICAL 12.0' SHOULDER PULLOUT
Not to Scale

Notes:

- Contractor shall mount a device directly on the paver screed extension to provide a 30° beveled shoulder edge.
- Contractor shall mitigate pavement drop-offs which shall be approved by the Engineer.



GUARDRAIL WITH 8.0' AND 11.0' STRONG POSTS
Not to Scale

Notes:

- 8' strong post shall be installed in areas where the length between the fill top slope break and front face of guardrail is between 0.0' and 3.50'.
- 11' strong post shall be installed in areas where a max fill slope of 2H:1V behind the front face of guardrail is not feasible within the State's right-of-way. If the existing top slope break is located within 2.0' of the ep, offset the front face of guardrail 1.0' from the ep and taper the approach and trailing ends with a minimum of 18:1 flare. This work shall be considered incidental to Guardrail Strong Post W-Beam 11.0' Post. No additional fill slope will be needed in these areas.
- Additional paved area shall be installed up to the existing paved edge of shoulder.

11/2/17 Added notes and revised details

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

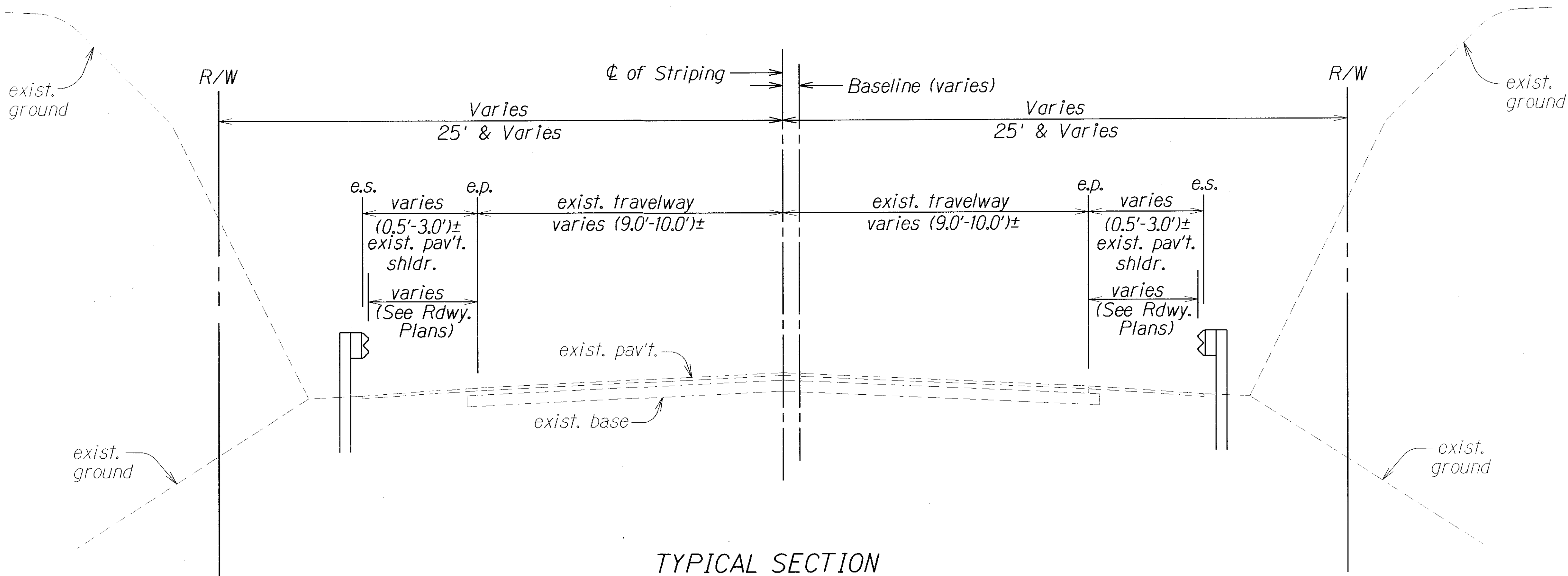
MISCELLANEOUS DETAILS

KOHALA MOUNTAIN ROAD
Safety Improvements
Federal Aid Project No. HSIP-0250(007)

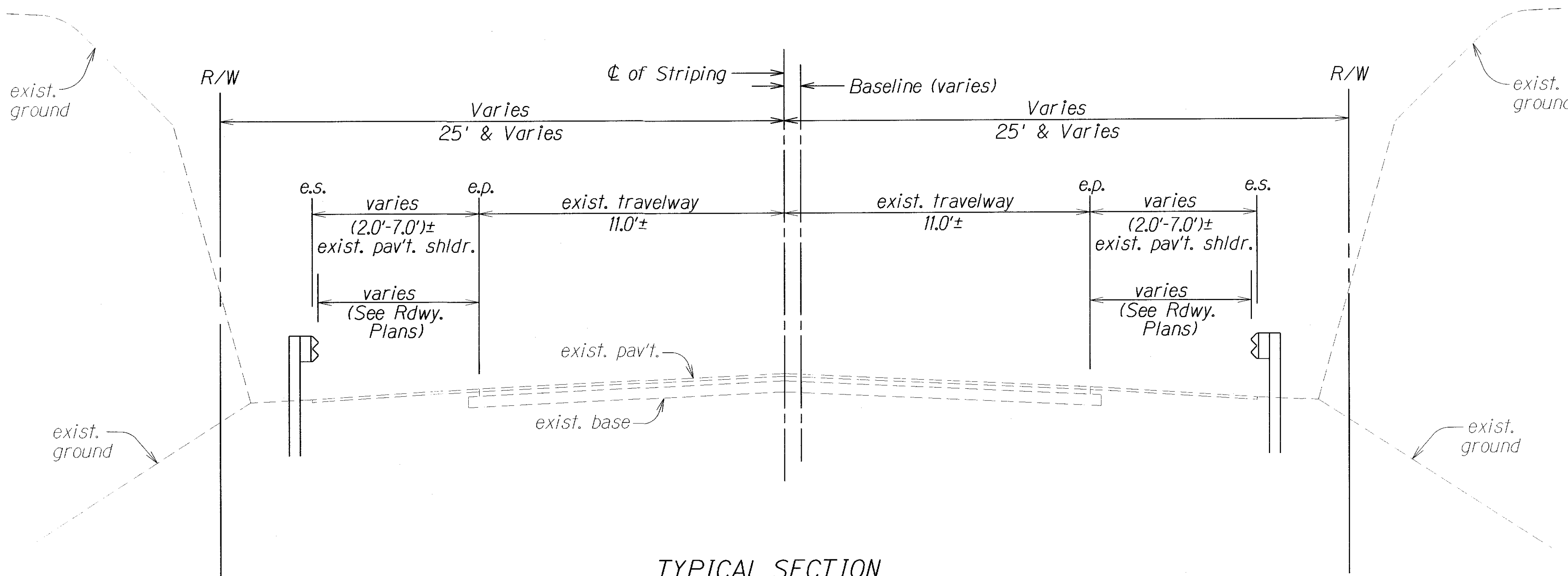
Scale: Not to Scale Date: October, 2017

SHEET No. 1 OF 1 SHEETS

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-0250(007)	2017	ADD. 7 S-1	2017



TYPICAL SECTION
 STA. 421+50.0± to STA. 439+06.95±
 STA. 493+00.0± to STA. 532+10.27±
 Not to Scale



TYPICAL SECTION
 STA. 439+06.95± to STA. 493+00.0±
 STA. 533+37.54± to STA. 535+0.00±
 Not to Scale

11/2/17	Added sheet
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION TYPICAL SECTIONS KOHALA MOUNTAIN ROAD Safety Improvements Federal Aid Project No. HSIP-0250(007) Scale: Not to Scale Date: October, 2017 SHEET No. 1 OF 1 SHEETS	