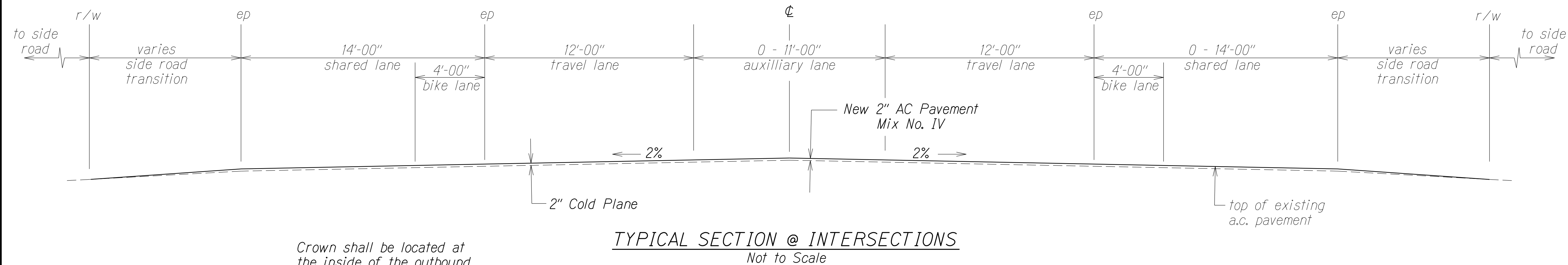
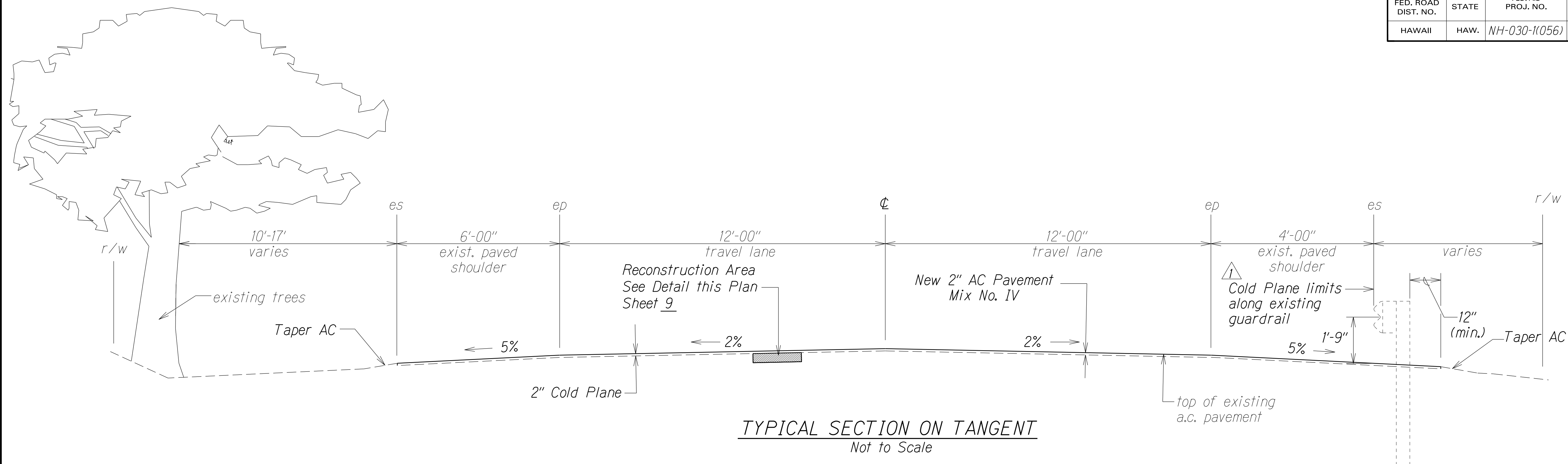
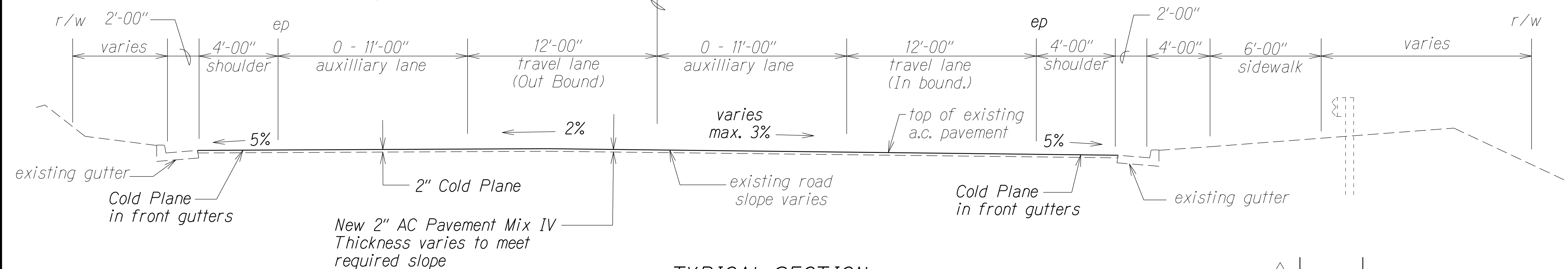


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(056)	2019	ADD.7	41



Crown shall be located at the inside of the outbound thru lane (not necessarily the centerline) to meet required slope.



TYPICAL SECTION
CROWN BUILD UP AT STA. 263+24 TO STA. 287+60
Not to Scale

DATE	REVISION
9/25/19	Cold Plane limits along existing guardrail.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAILS

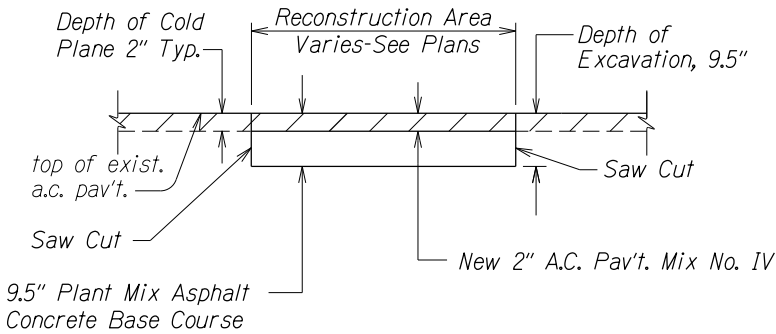
HONOAPIILANI HIGHWAY RESURFACING

Keanu Street to Kuihelani Highway
Federal-Aid Project No. NH-030-1(056)

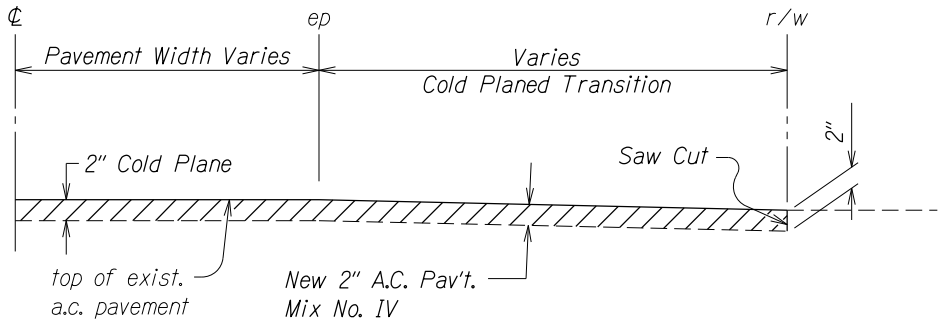
Scale: As Shown Date: December, 2017

SHEET No. 1 OF 4 SHEETS

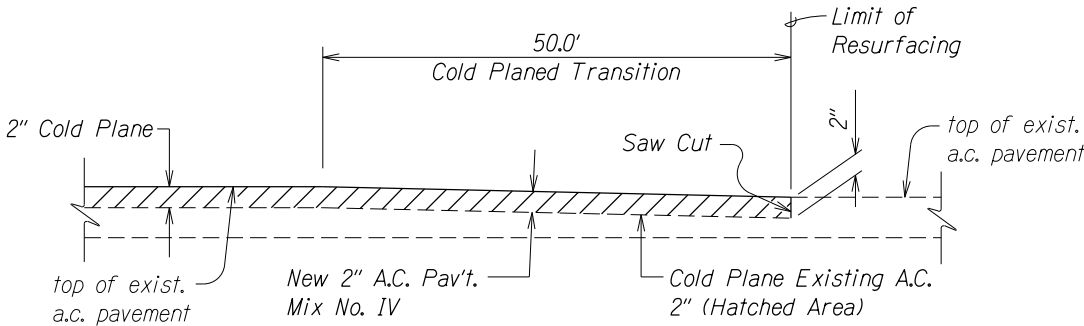
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(056)	2019	9	41



A.C. PAVEMENT RECONSTRUCTION DETAIL
Not To Scale



TRANSITION TO EXISTING DRIVEWAY
AND SIDEROAD DETAIL
Not to Scale



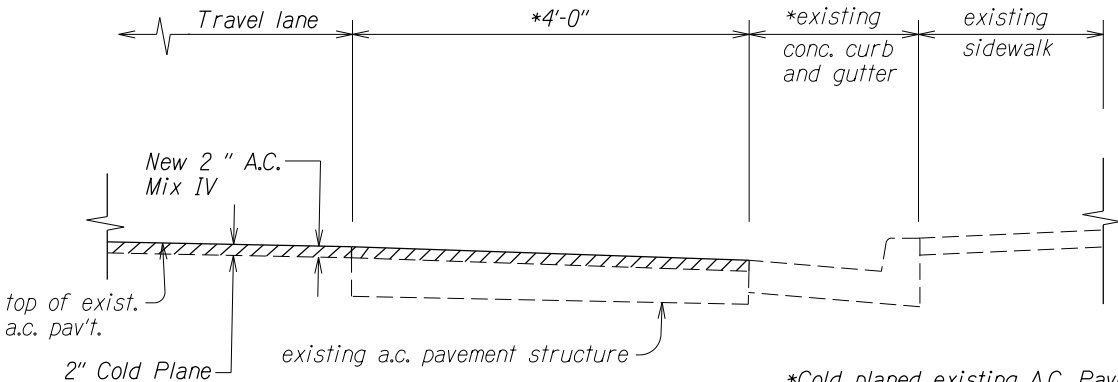
COLD PLANED LONGITUDINAL TRANSITION
AT BEGIN AND END OF PROJECT
Not to Scale

Notes for Reconstruction Areas:

1. Reconstruct weakened pavement areas prior to cold plane.
2. The exposed remaining base course or subbase materials should be properly recompactd to dense and unyielding conditions prior to placement of the asphalt base layer.

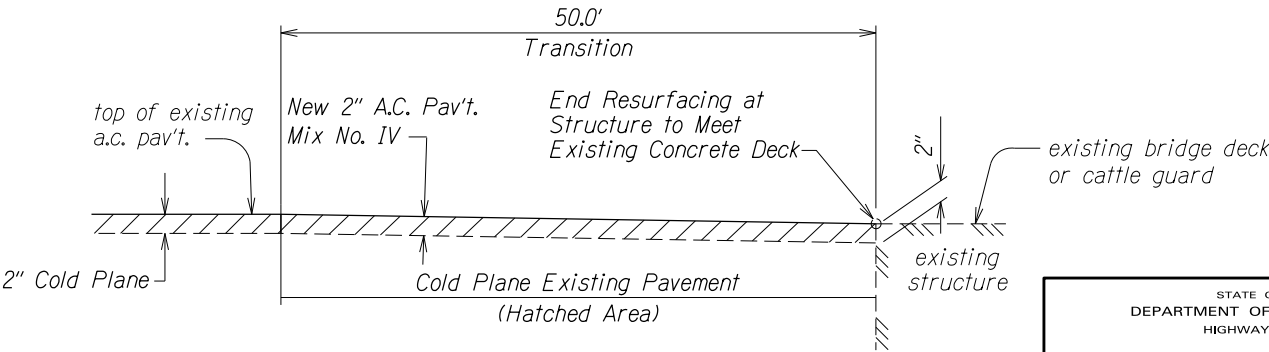
NOTES:

1. Unless directed by the Engineer, minimum graded shoulder width shall be 6 ft.
2. Where existing guardrails are located, depending on the location, paved shoulder shall be extended 1-foot behind the guardrail otherwise, pave at least up to the guardrail post. New guardrails shall be paved 1-foot behind guardrail post.
3. Unless directed by the Engineer, paved shoulder shall be terminated at the face of the bank.



*Cold planed existing A.C. Pavement 1" to 2 " where existing concrete curb & gutter exists (Hatched Area)

DETAIL FOR COLD PLANE
STA. 199+40± RT. - STA. 201+50± RT.
STA. 264+00± LT. - STA. 272+00± LT.
STA. 266+00± RT. - STA. 272+00± RT.
STA. 273+20± LT. & RT. - STA. 287+60± LT. & RT.
Scale: 3/4" = 1'-0"



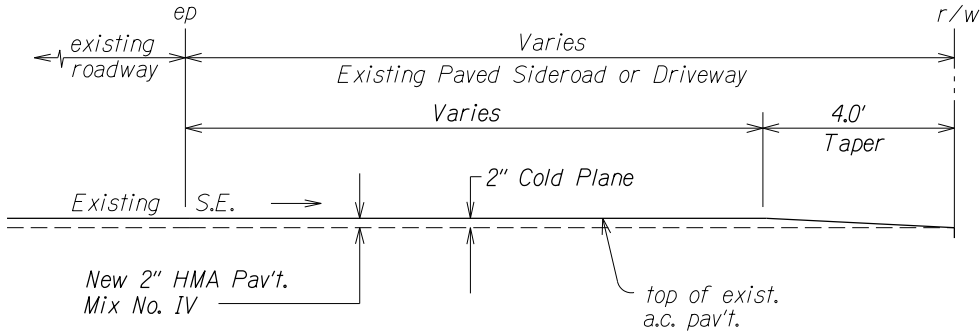
COLD PLANED TRANSITION AT STRUCTURE DETAIL
Not to Scale

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	NOTED BY	
	CHECKED BY	
NOTE BOOK	DESIGNED BY	
	NOTED BY	
	CHECKED BY	
	CHECKED BY	

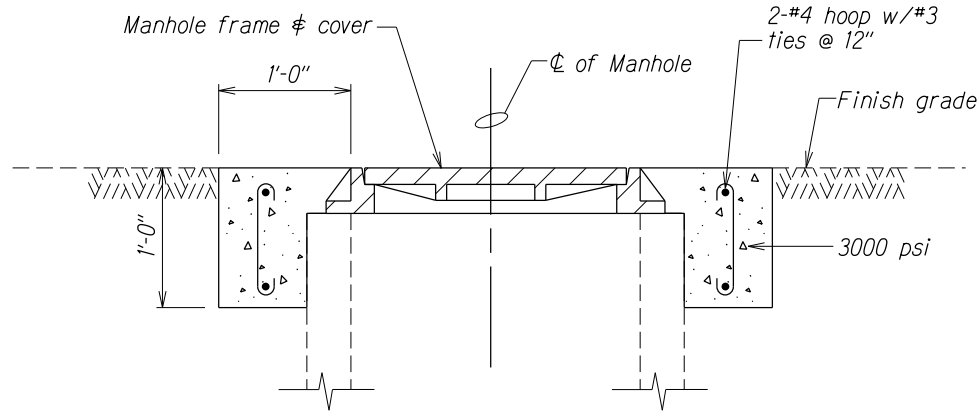
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAILS
HONOAPIILANI HIGHWAY RESURFACING
Keanu Street to Kuihelani Highway
Federal-Aid Project No. NH-030-1(056)
Scale: As Shown Date: December, 2017
SHEET No. 3 OF 4 SHEETS

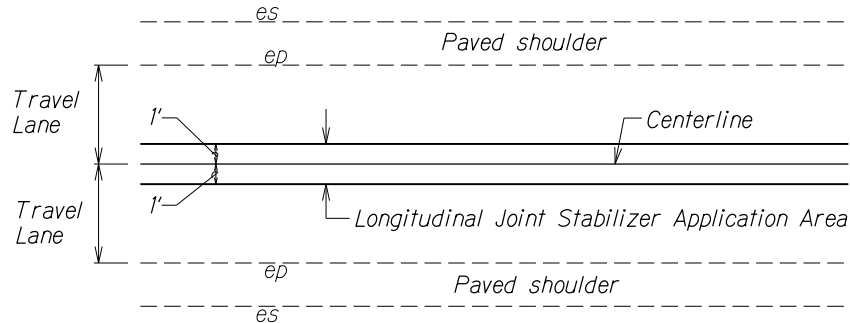
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(056)	2019	10	41



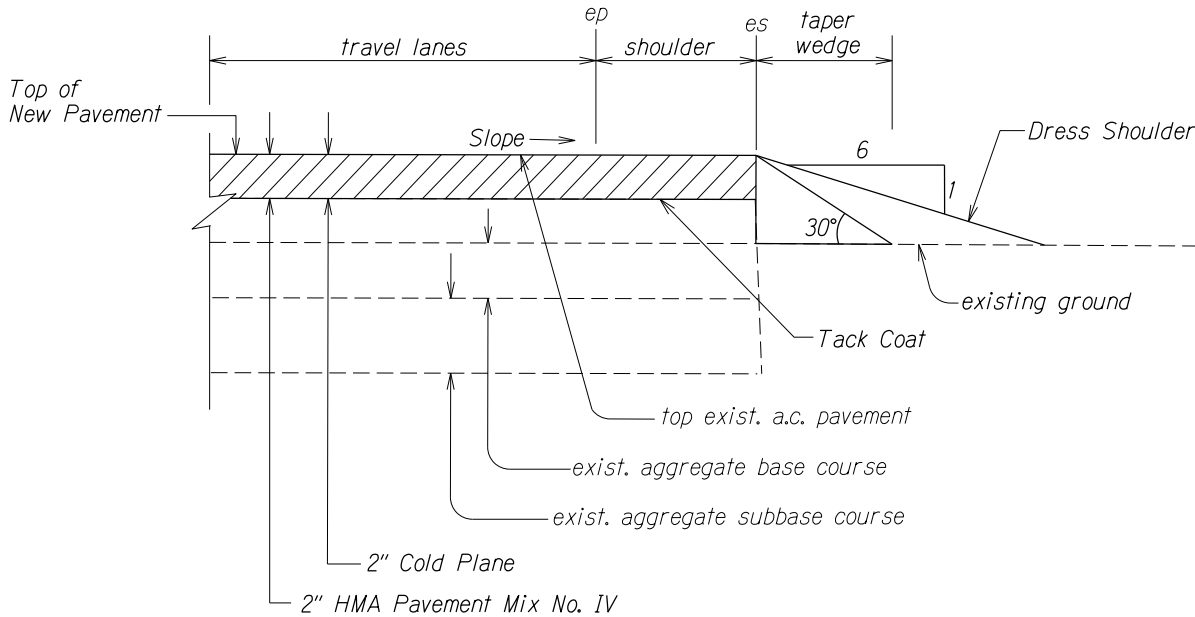
A.C. RESURFACING AT PAVED SIDEROAD
OR PAVED DRIVEWAY DETAIL
Not to Scale



DETAIL - CONCRETE COLLAR FOR
AJUSTMENTS OF MANHOLES AND VALVE BOX
Not To Scale



TYPICAL SECTION FOR
LONGITUDINAL JOINT STABILIZER
Not To Scale



Note: Contractor shall mount a device directly on the paver screed extension to provide a 30° beveled shoulder edge.

TYPICAL PAVEMENT EDGE DETAIL
Not To Scale

SURVEY PLOTTED BY	DATE	3/17
DESIGNED BY	DESIGNED BY	
DESIGNED BY	DESIGNED BY	
QUANTITIES BY	QUANTITIES BY	
CHECKED BY	CHECKED BY	
ORIGINAL PLAN	NOTE BOOK	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAILS
HONOAPIILANI HIGHWAY RESURFACING
Keanu Street to Kuihelani Highway
Federal-Aid Project No. NH-030-1(056)
Scale: As Shown Date: December, 2017
SHEET No. 4 OF 4 SHEETS