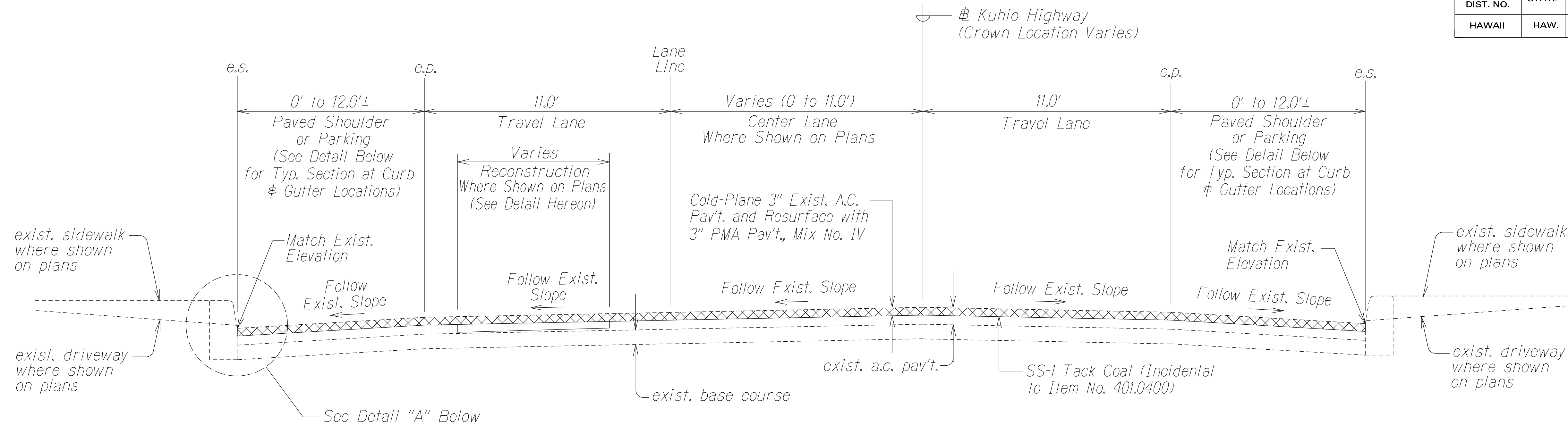


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-056-1(063)	2023	8	43

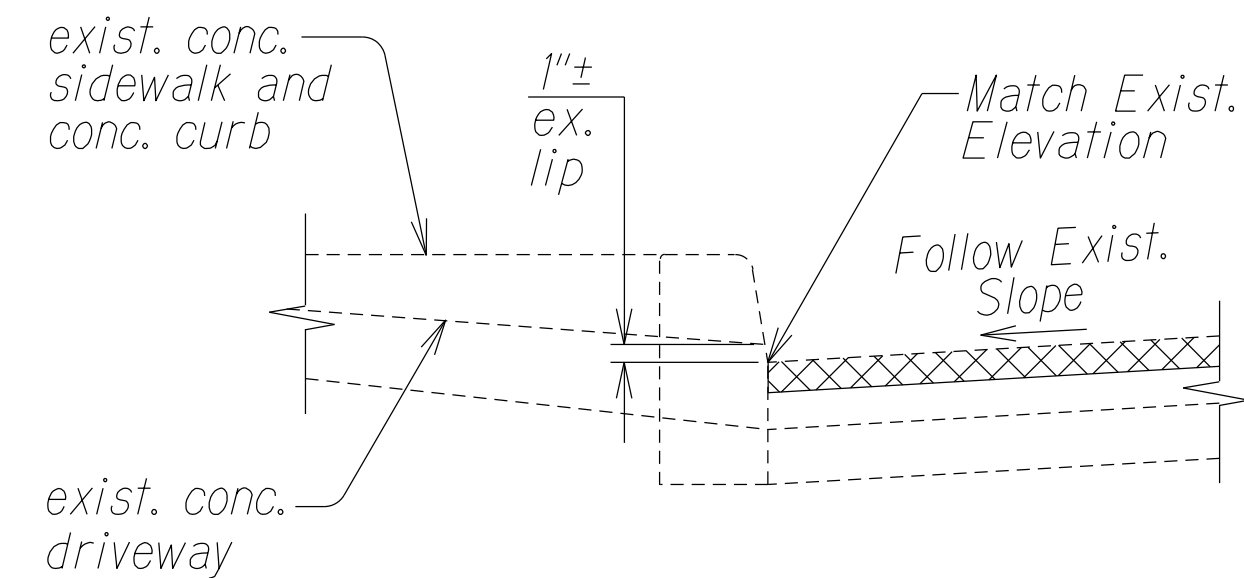


⌘ Sta. 517+85 to ⌘ Sta. 550+80

TYPICAL SECTION

Not to Scale

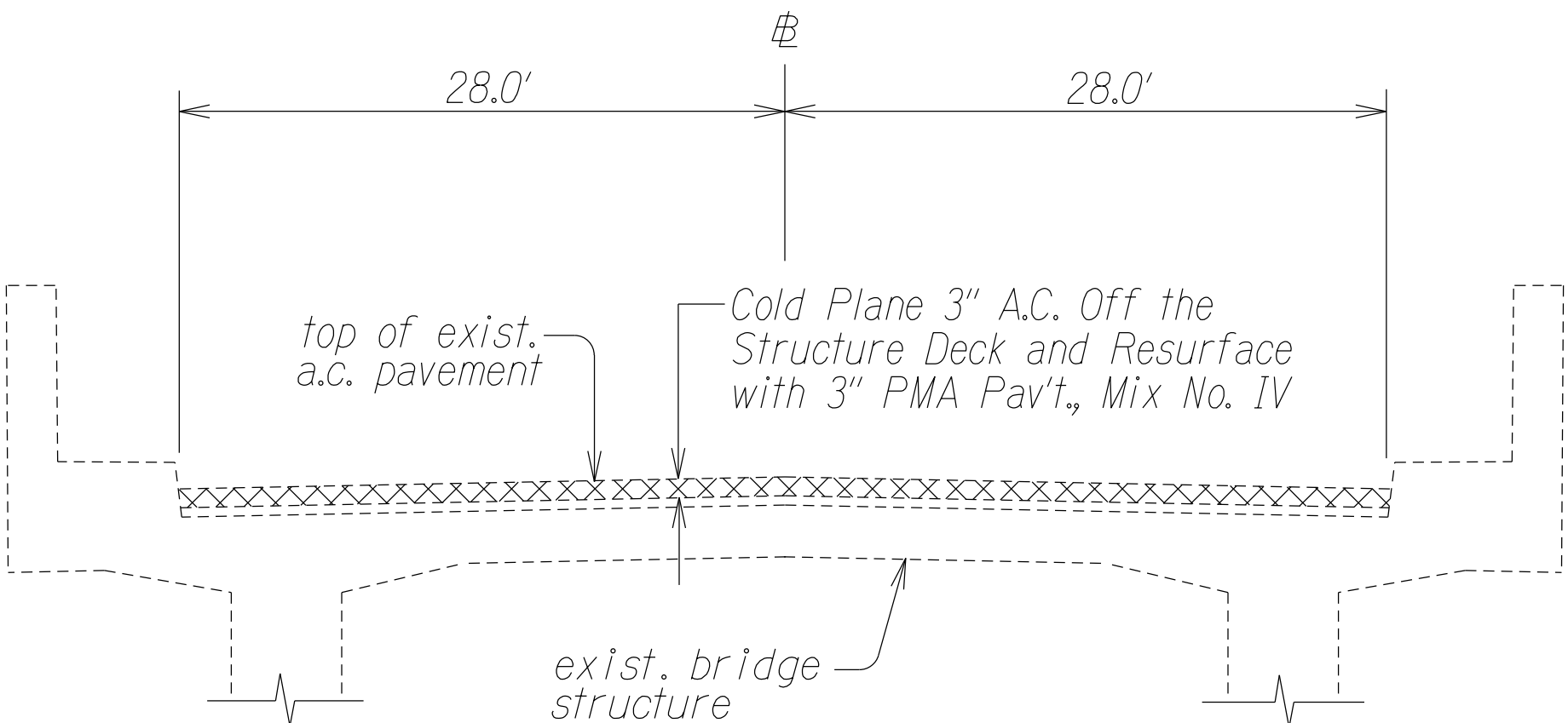
NOTE: See Plan Sht. No. 8 for Typical Section from ⌘ Sta. 550+80 to ⌘ Sta. 568+25.



DETAIL "A"

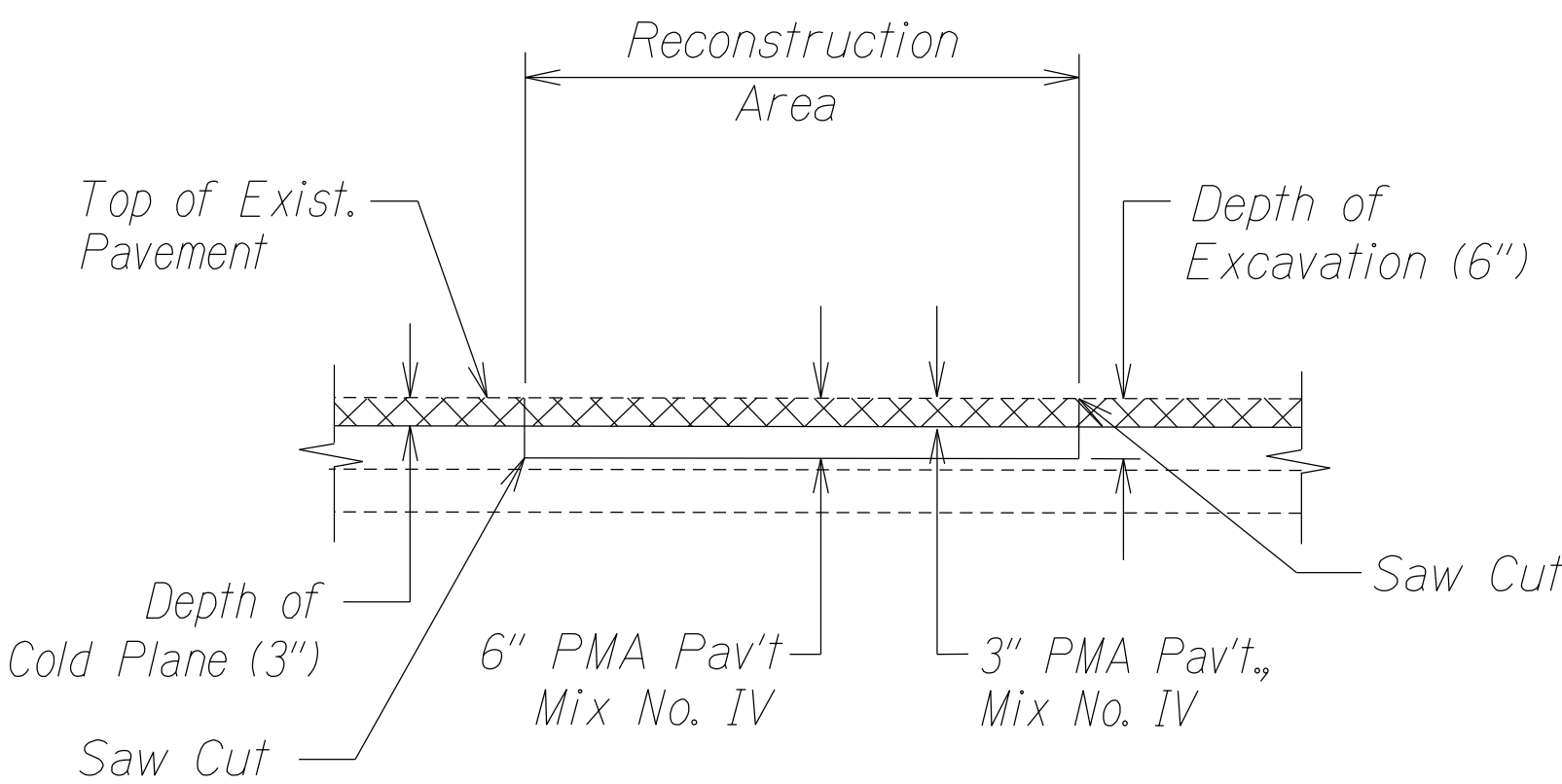
Not to Scale

NOTE: Detail typical for all concrete driveways and/or sidewalks located between ⌘ Sta. 517+85 and ⌘ Sta. 550+80.



TYPICAL SECTION ON WAIKAEA BRIDGE

Not to Scale



⌘ Sta. 517+85 to ⌘ Sta. 568+25

TYPICAL DETAIL

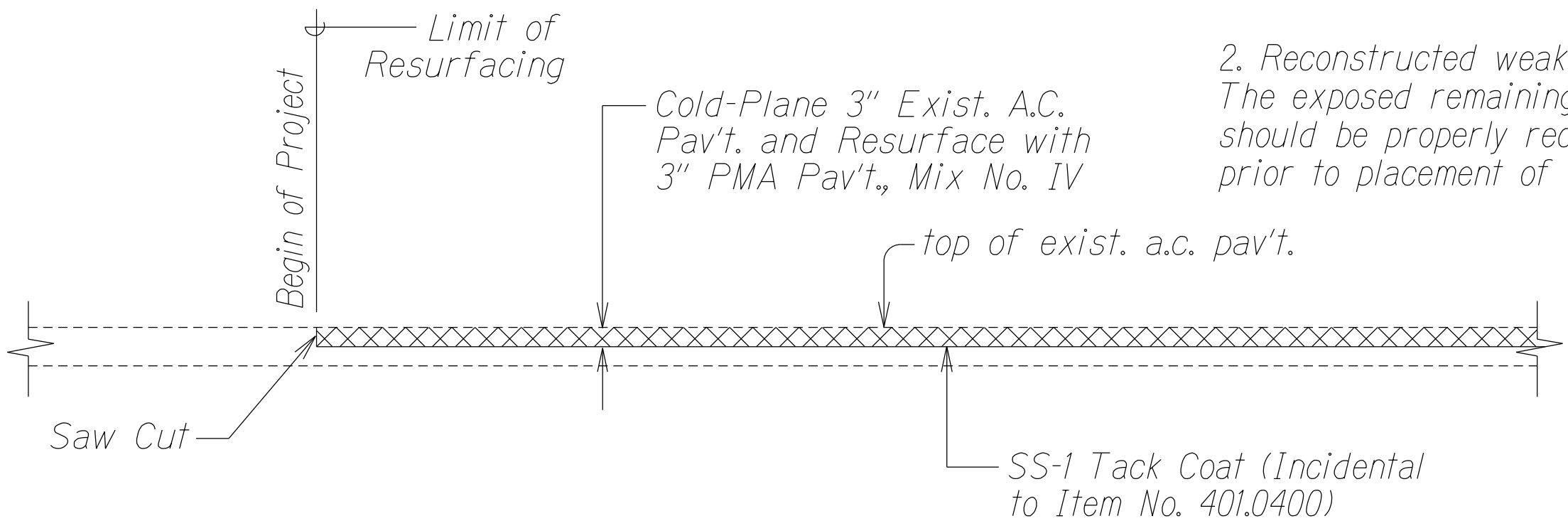
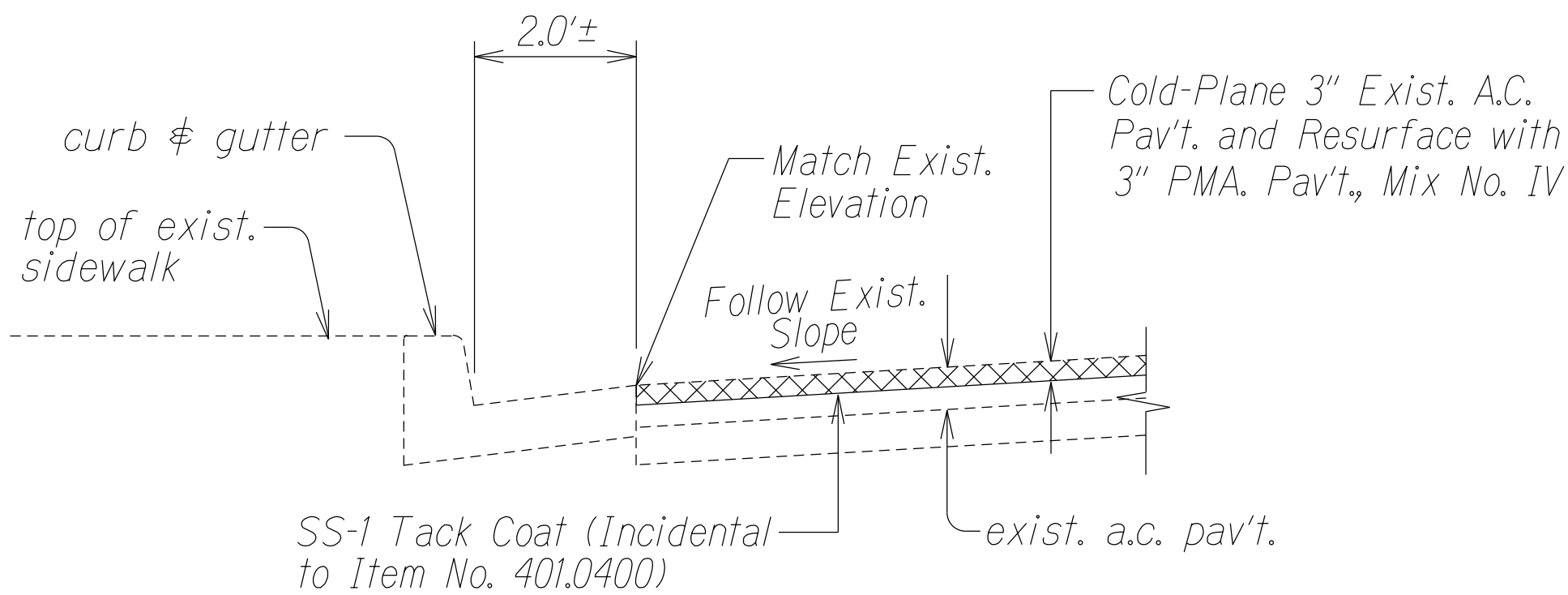
RECONSTRUCTION OF WEAKENED PAVEMENT AREAS

Not to Scale

NOTES:

1. See Plan Sht. No. 10 for reconstruction of weakened pavement areas from ⌘ Sta. 568+25 to ⌘ Sta. 605+38.

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



COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT
AT BEGINNING OF PROJECT

Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

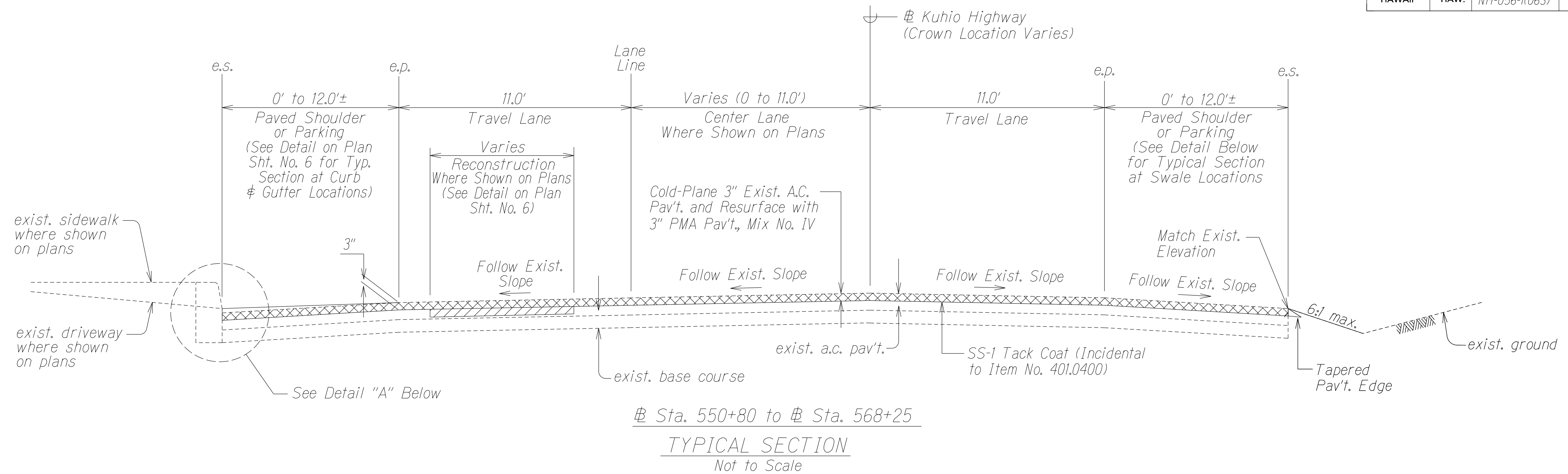
TYPICAL SECTIONS

KUHIO HIGHWAY RESURFACING
Waikaea Bridge to Mailihuna Road
Federal-Aid Project No. NH-056-1(063)

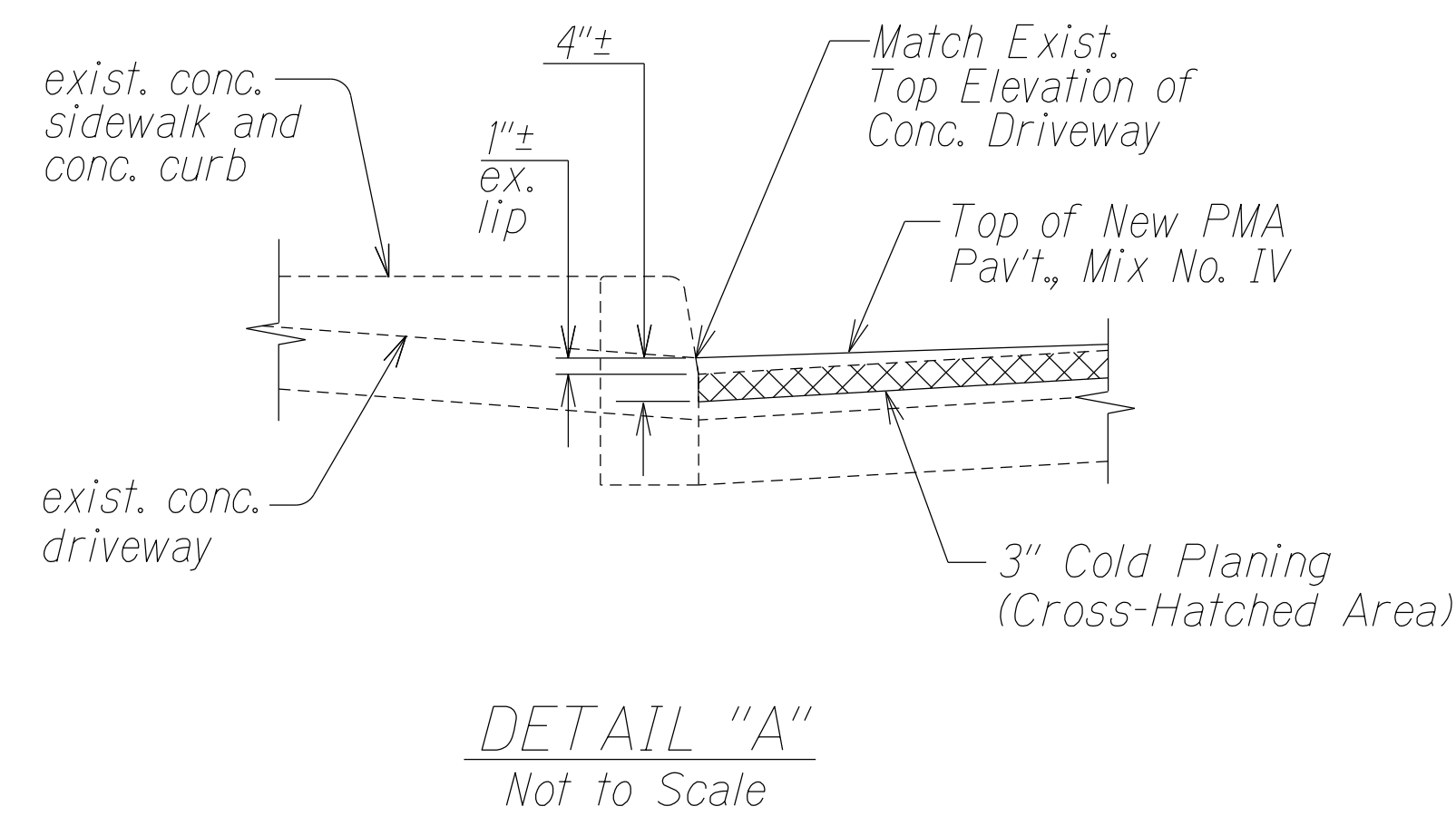
Scale: As Noted Date: Mar. 2023

SHEET No. 1 OF 5 SHEETS

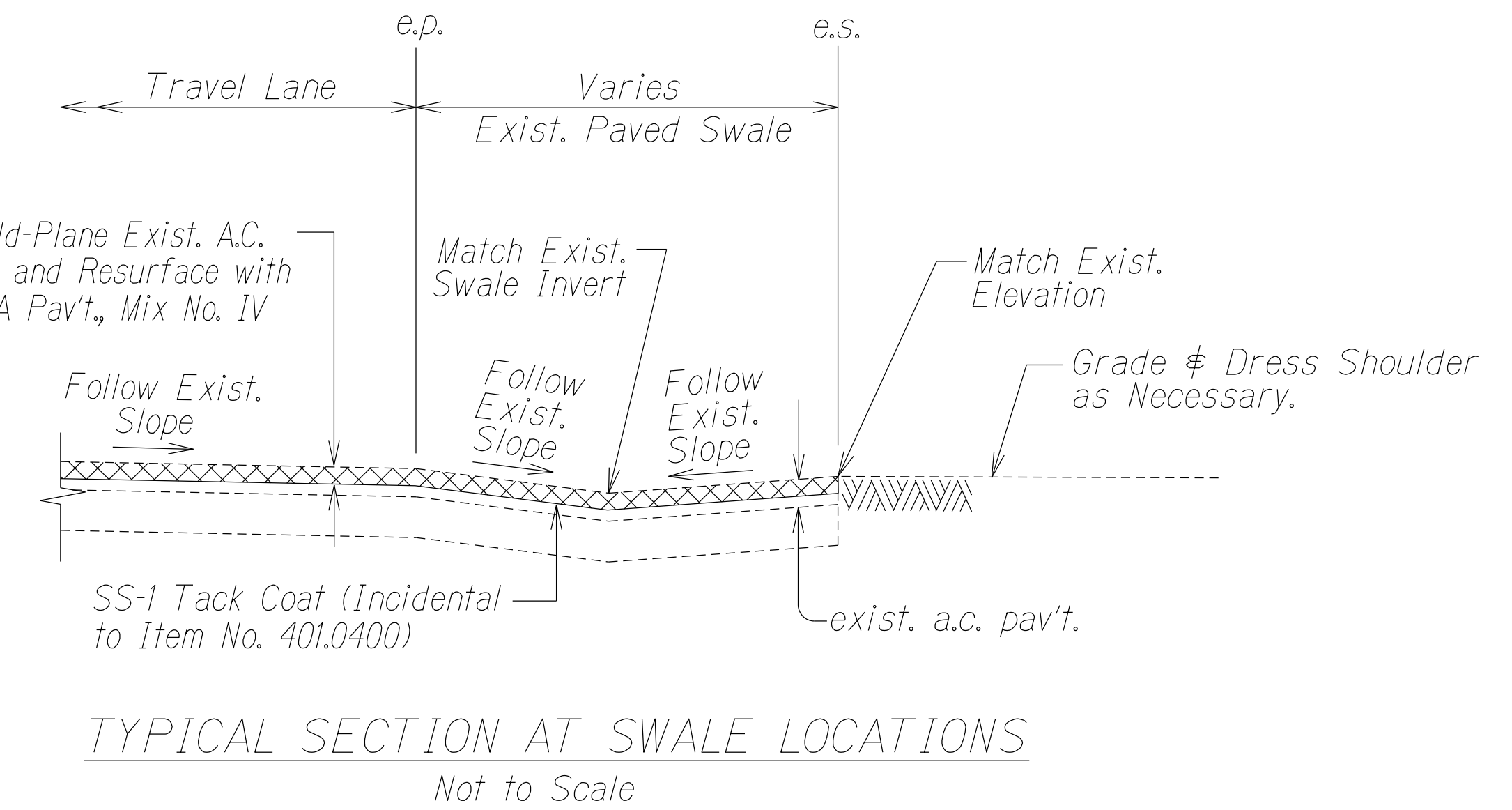
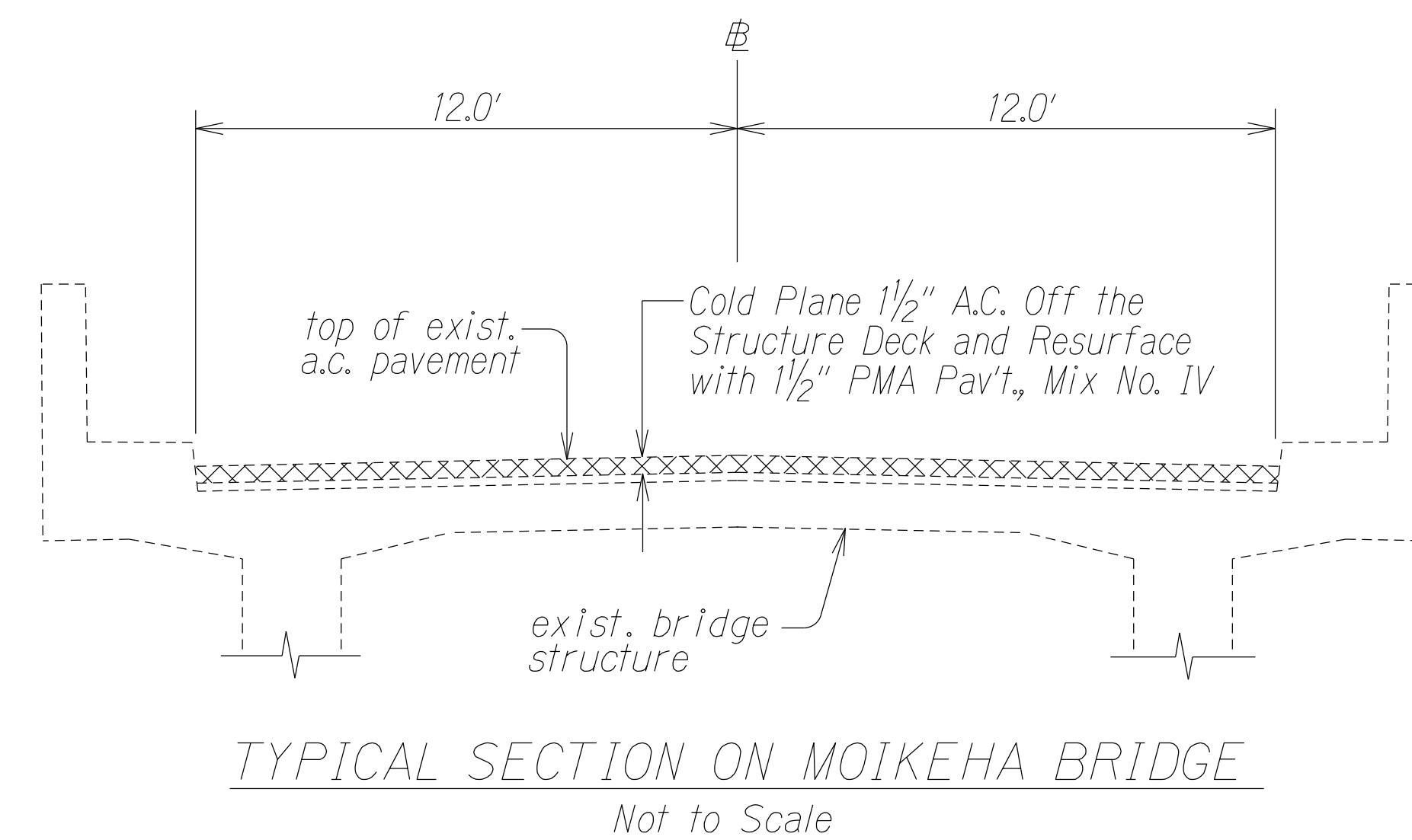
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-056-1(063)	2023	9	43



NOTE: See Plan Sht. No. 9 for for typical section from ⊞ 568+25 to ⊞ 605+38



NOTE: Detail typical for all concrete driveways and/or sidewalks located between ⊞ Sta. 550+80 and ⊞ Sta. 568+25.

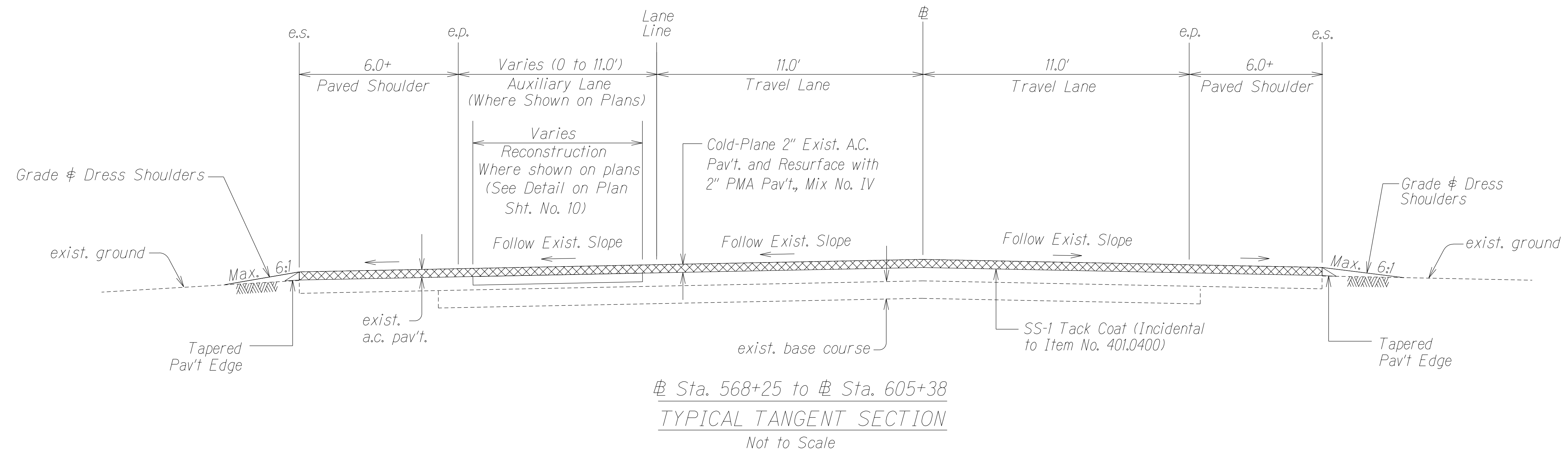


*Depths for Cold-Plane and Resurfacing vary depending on the Stationing:
⊞ Sta. 517+85 to ⊞ Sta. 568+25 shall be 3".
⊞ Sta. 568+25 to ⊞ Sta. 605+38 shall be 2".

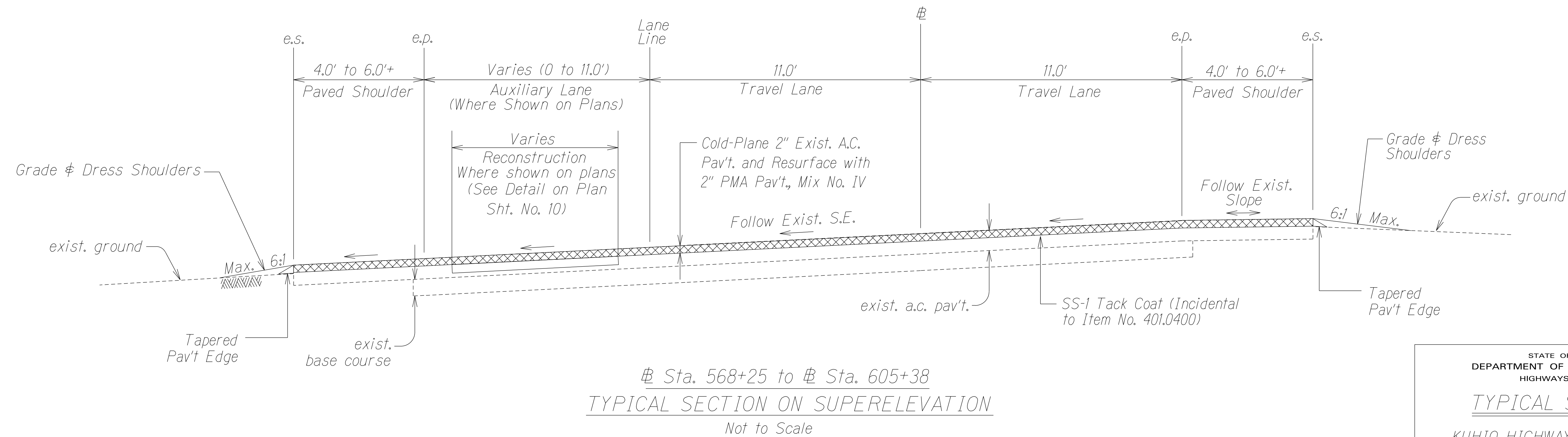
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
4/16/12 dgm	DESIGNED BY	
N	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
<u>TYPICAL SECTIONS</u>
KUHIO HIGHWAY RESURFACING Waikaea Bridge to Mailihuna Road Federal-Aid Project No. NH-056-1(063)
Scale: As Noted Date: Mar. 2023
SHEET No. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-056-1(063)	2023	10	43



NOTE: See Plan Sht. No. 10 for resurfacing at guardrail locations.



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		
N ^o .		

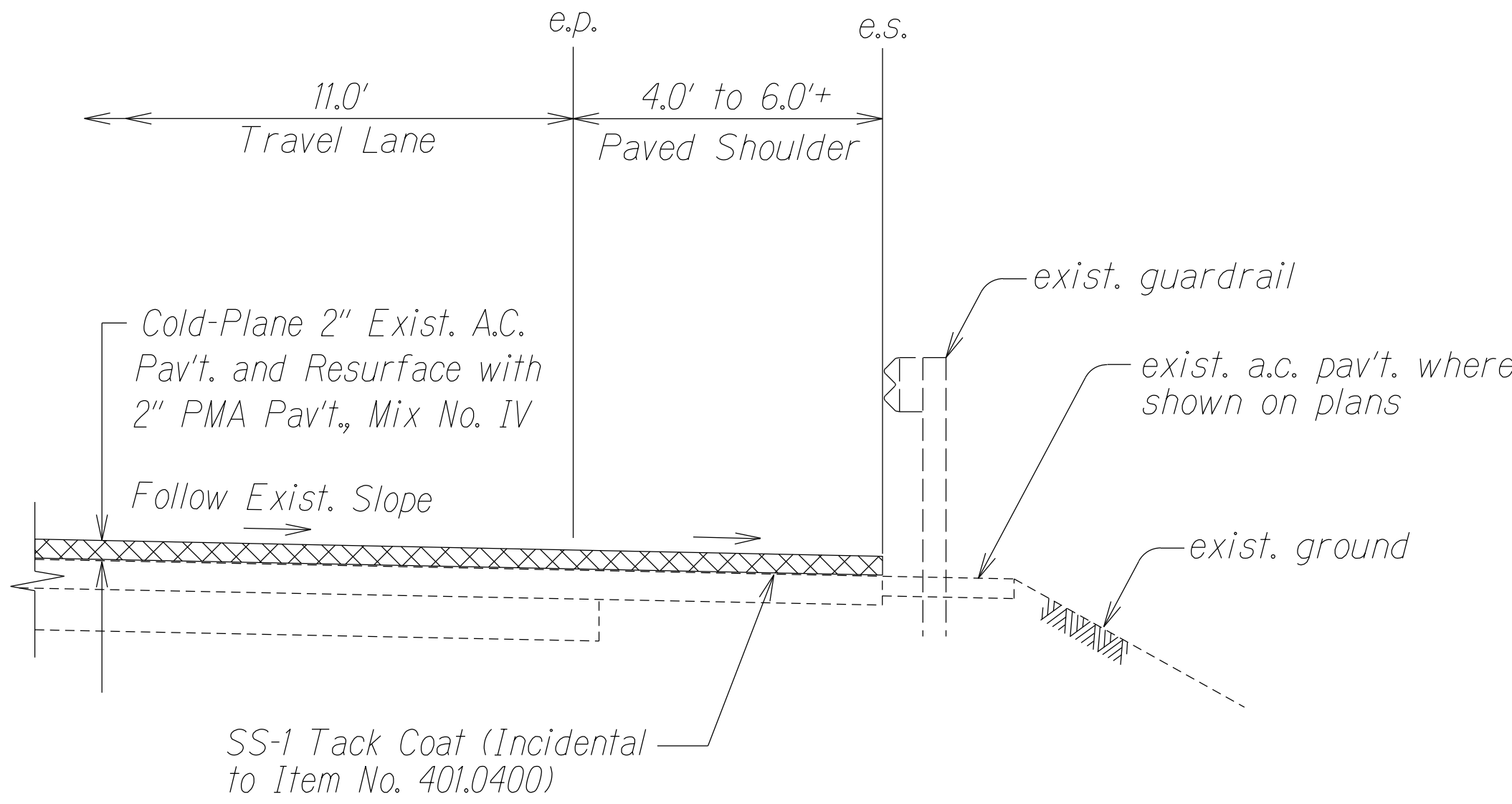
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
KUHIU HIGHWAY RESURFACING
Waikāea Bridge to Mailihuna Road
Federal-Aid Project No. NH-056-1(063)

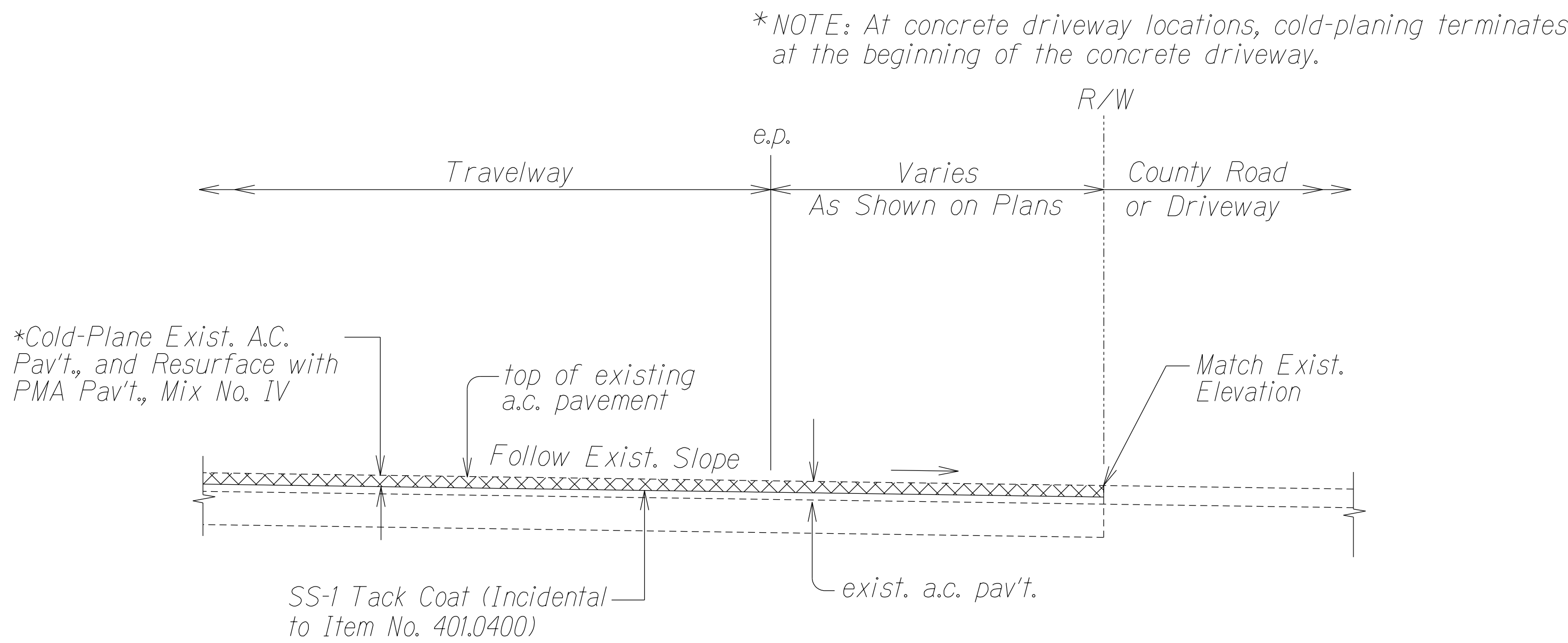
Scale: As Noted Date: Mar. 2023

SHEET No. 3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-056-1(063)	2023	11	43

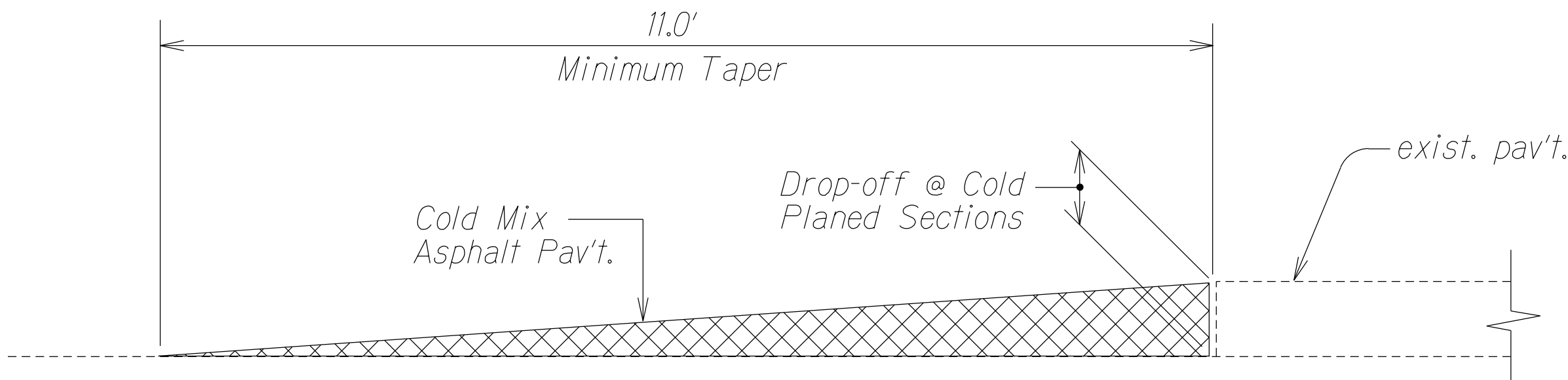


RESURFACING AT GUARDRAIL LOCATIONS
Not to Scale



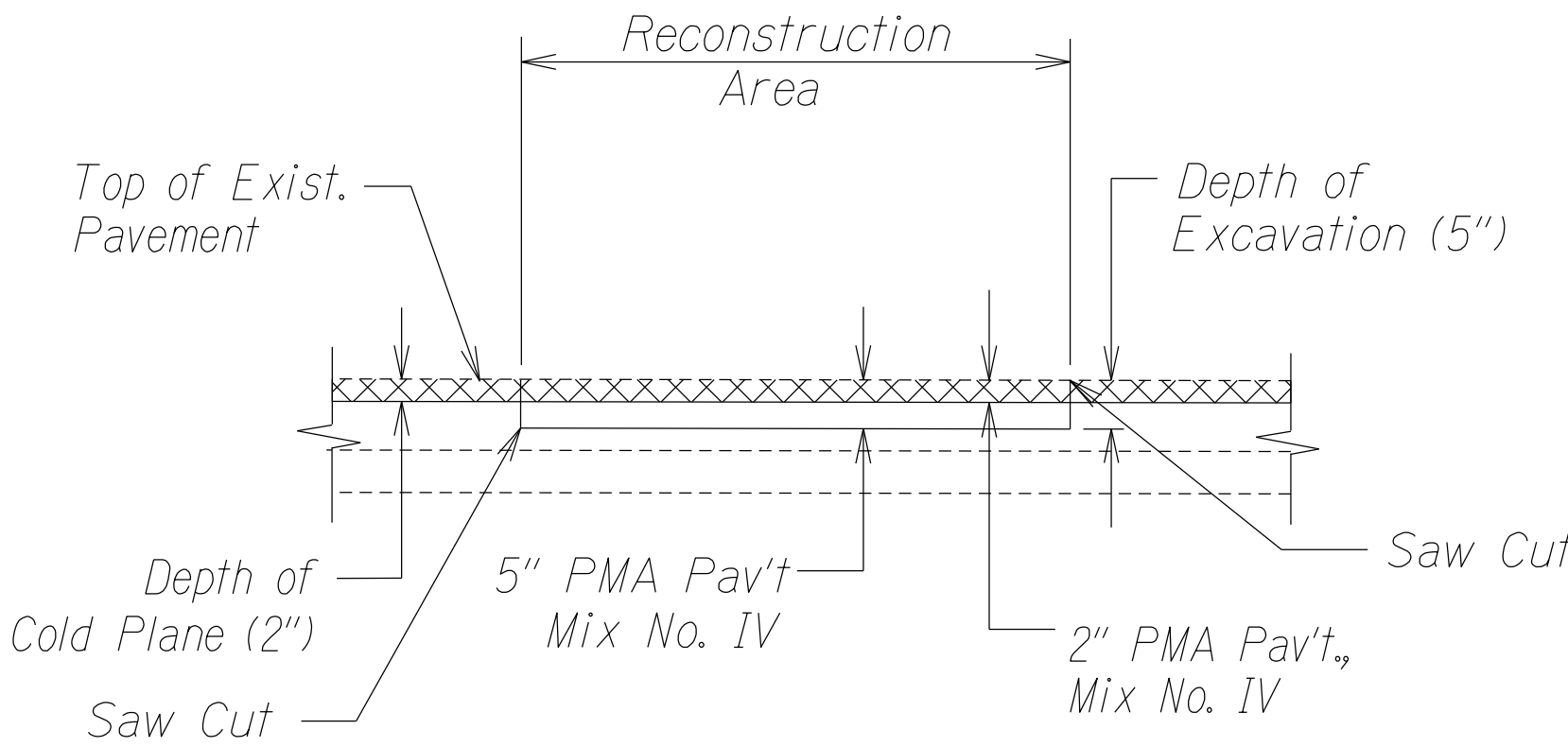
A. C. RESURFACING AT PAVED SIDEROAD
OR PAVED DRIVEWAY DETAIL
Not to Scale

*Depths for Cold-Plane and Resurfacing vary depending on the Stationing:
 # Sta. 517+85 to # Sta. 568+25 shall be 3".
 # Sta. 568+25 to # Sta. 605+38 shall be 2".



TEMPORARY TRANSITION AT
COLD PLANED AREAS
Not to Scale

Note: Contractor shall construct temporary pavement taper to prevent sharp pavement drop-offs at all cold planed sections. Prior to final Hot Mix Asphalt Pavement, Mix No. IV placement, temporary pavement taper shall be removed.



Sta. 568+25 to # Sta. 605+38

TYPICAL DETAIL
RECONSTRUCTION OF WEAKENED PAVEMENT AREAS
Not to Scale

- NOTES:
- See Plan Sht. No. 7 for reconstruction of weakened pavement areas from # Sta. 517+85 to # Sta. 568+25.
 - Reconstructed weakened pavement areas prior to cold plane. The exposed remaining base course or subbase materials should be properly recompact to dense and unyielding conditions prior to placement of the asphalt concrete base layer.

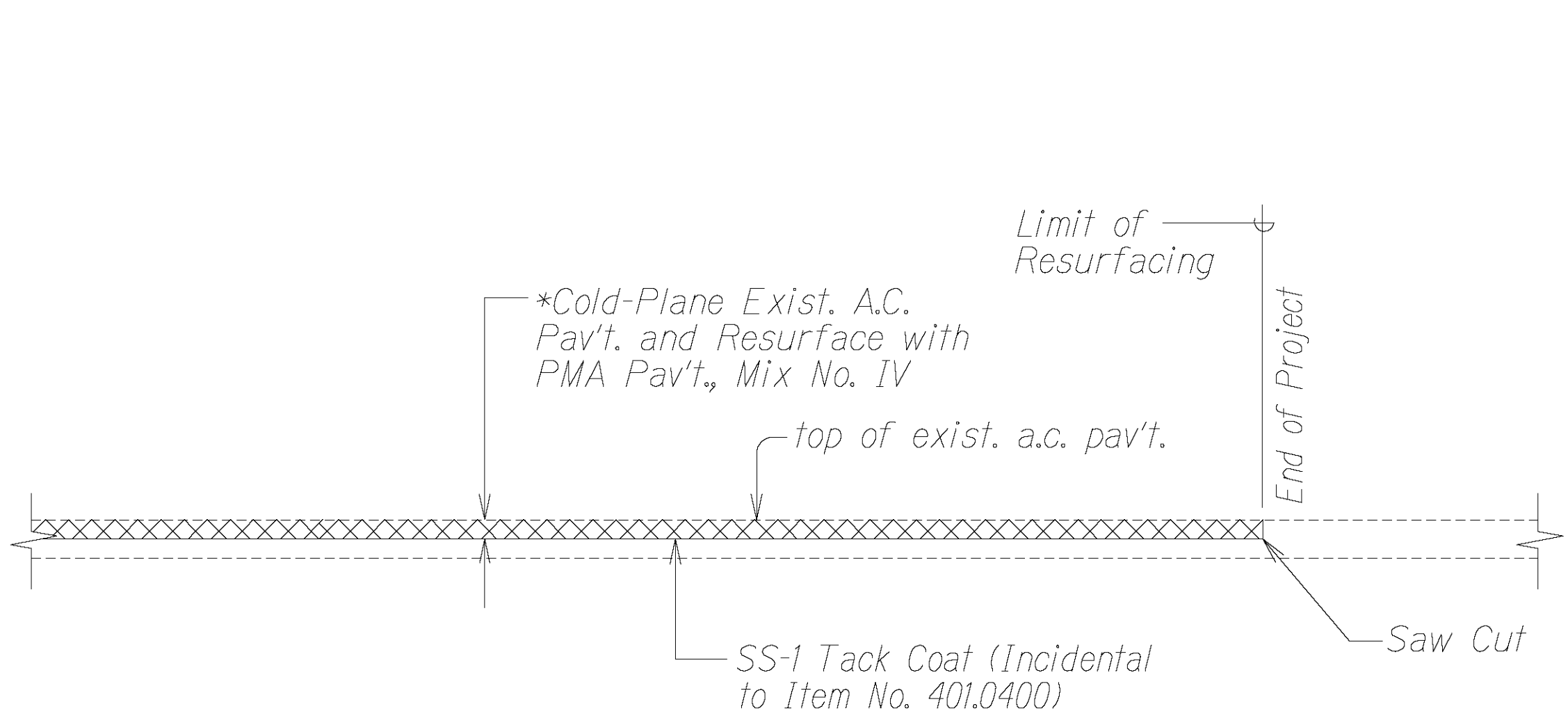
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
KUHIU HIGHWAY RESURFACING
Waikaea Bridge to Mauihuna Road
Federal-Aid Project No. NH-056-1(063)

Scale: As Noted Date: Mar. 2023

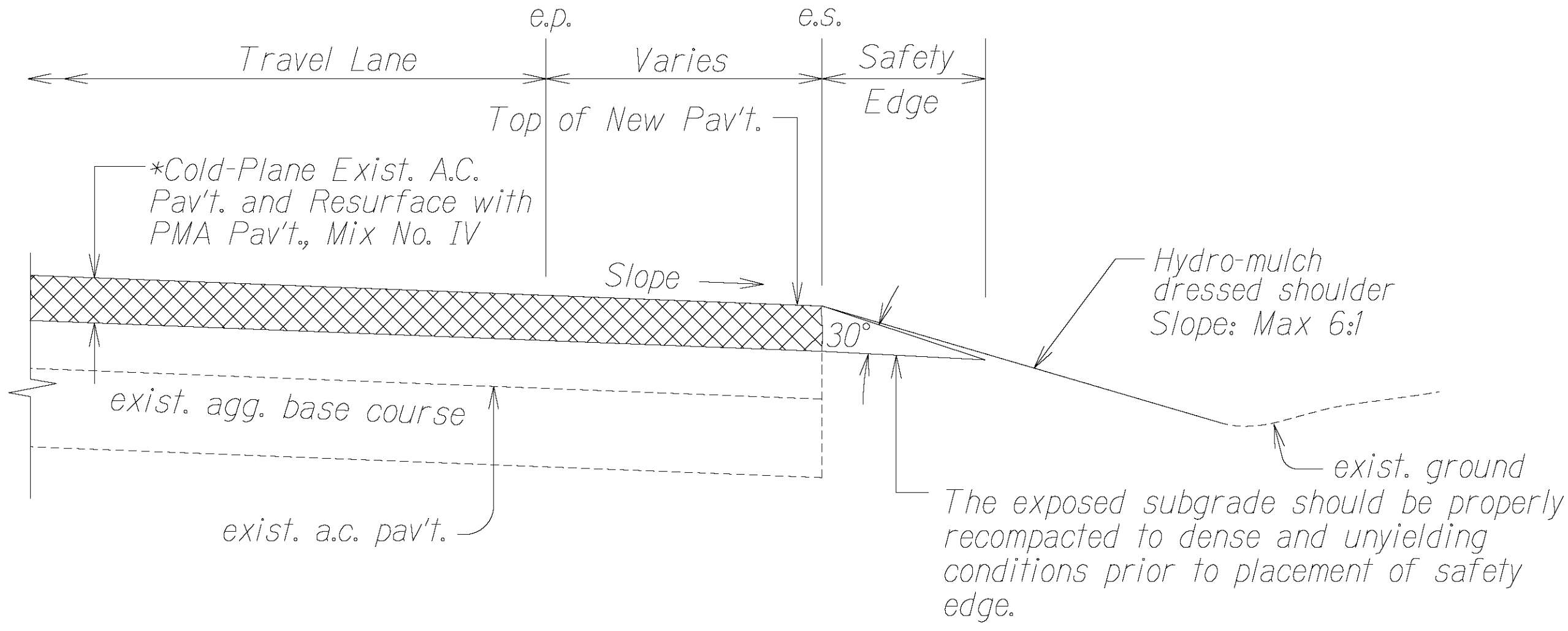
SHEET No. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-056-1(063)	2023	ADD.12	43



COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT
AT BEGINNING AND END OF PROJECT
Not to Scale

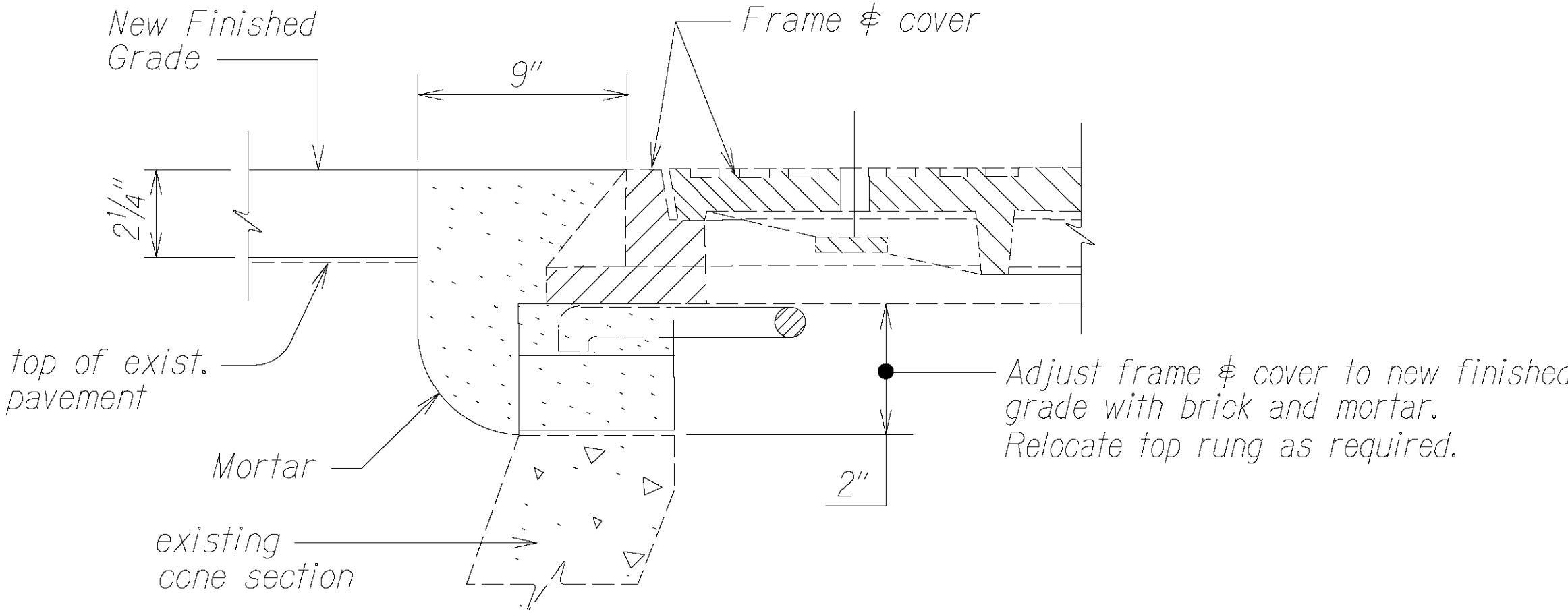
*Depths for Cold-Plane and Resurfacing vary depending on the Stationing:
 ⊞ Sta. 550+80 to ⊞ Sta. 568+25 shall be 3".
 ⊞ Sta. 568+25 to ⊞ Sta. 605+38 shall be 2".



TYPICAL PAVEMENT EDGE DETAIL
Not to Scale

*Depths for Cold-Plane and Resurfacing vary depending on the Stationing:
 ⊞ Sta. 550+80 to ⊞ Sta. 568+25 shall be 3".
 ⊞ Sta. 568+25 to ⊞ Sta. 605+38 shall be 2".

- Notes:
- Contractor shall mount a device directly on the paver screed extension to provide a 30° beveled shoulder edge.
 - Construct safety edge at all edges of a.c. pavement. This work shall be considered incidental to Item No. 401.0410 - HMA Pavement Mix No. IV.



TYPICAL MANHOLE FRAME & COVER ADJUSTMENT
(WATER, SEWER, STORM DRAIN & UTILITY MANHOLES)
Not to Scale

NOTE: As an option, the Contractor may use an Adjus-to-Grade four-section extension ring with Safe-Tite seal, as manufactured by the National Utility Products Co. (NUPCO), or approved equal.

4/21/23	- Revise Typical Pavement Edge Detail
4/21/23	- Additional Notes
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION TYPICAL SECTIONS KUHIU HIGHWAY RESURFACING Waikāea Bridge to Mailihuna Road Federal-Aid Project No. NH-056-1(063) Scale: As Noted Date: April, 2023 SHEET No. 5 OF 5 SHEETS	