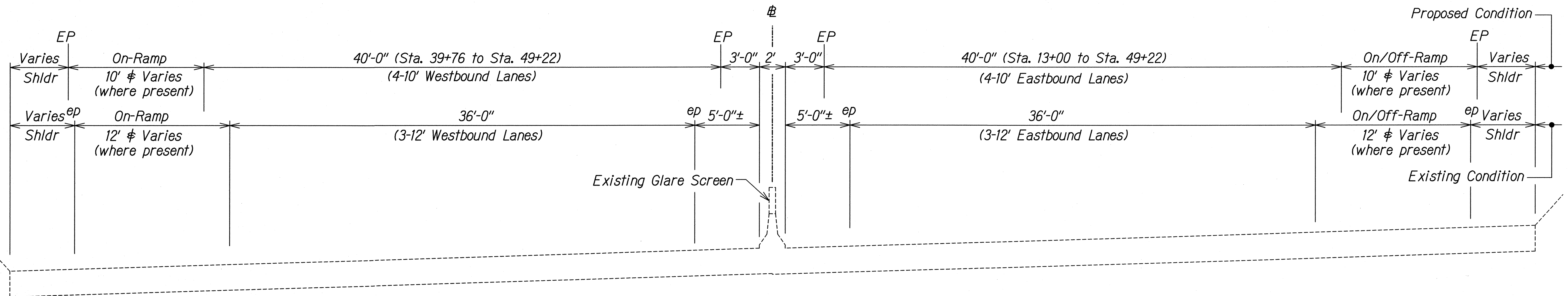
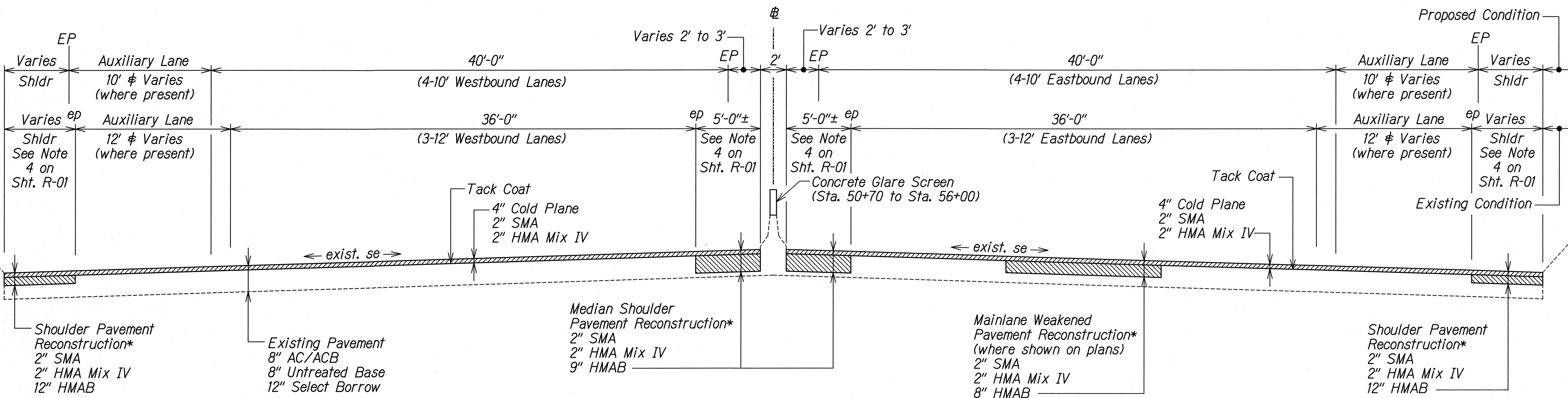


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	13	382



TYPICAL SECTION - STA. 9+00 TO STA. 49+22
Scale: 1/4" = 1'-0"



TYPICAL SECTION - STA. 49+22 TO STA. 56+00
Scale: 1/4" = 1'-0"

NOTE:

If excavation exposes subbase layer, recompact top of existing subbase until it is visually firm and unyielding. The Engineer shall determine acceptance. Payment shall be incidental to the various paving items. If the subbase cannot be stabilized, see Special Provision Section 414.

WB = Westbound
EB = Eastbound

* Excavation for pavement reconstruction shall be paid under pay item 414.0100 - Excavation of Weakened Pavement Areas.

DESIGNED BY	DATE
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

17-16459A IDIQ PAVT PREVENTIVE MAINTENANCE/HLMIDDLE TO WARD/CADD/SHEETS/01 MISC/TYPSEC-01.dgn

PAMELA K. UYEDA
LICENSED PROFESSIONAL ENGINEER
No. 10352-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *[Signature]* EXPIRATION DATE OF THE LICENSE: 04/30/14

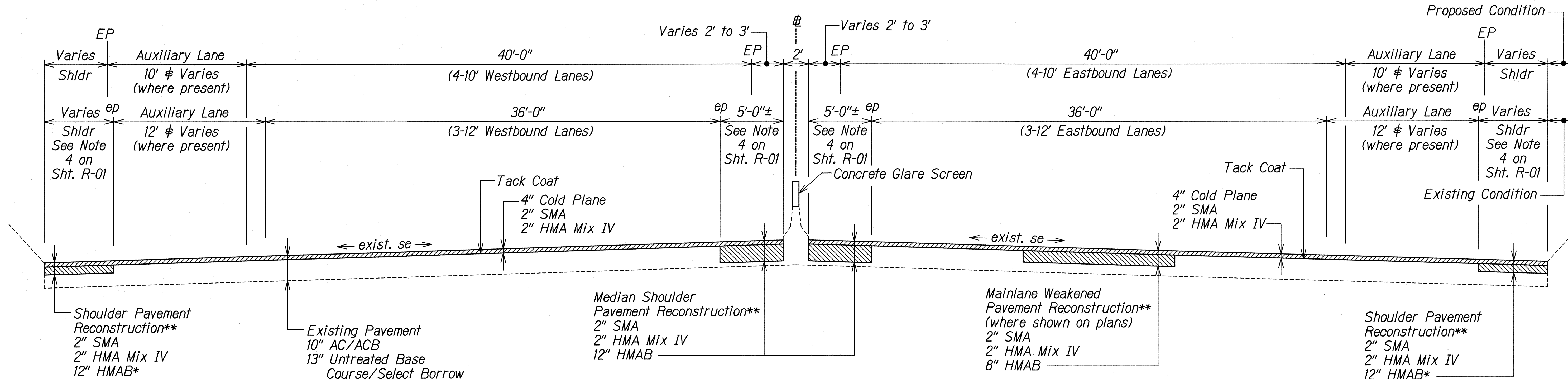
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

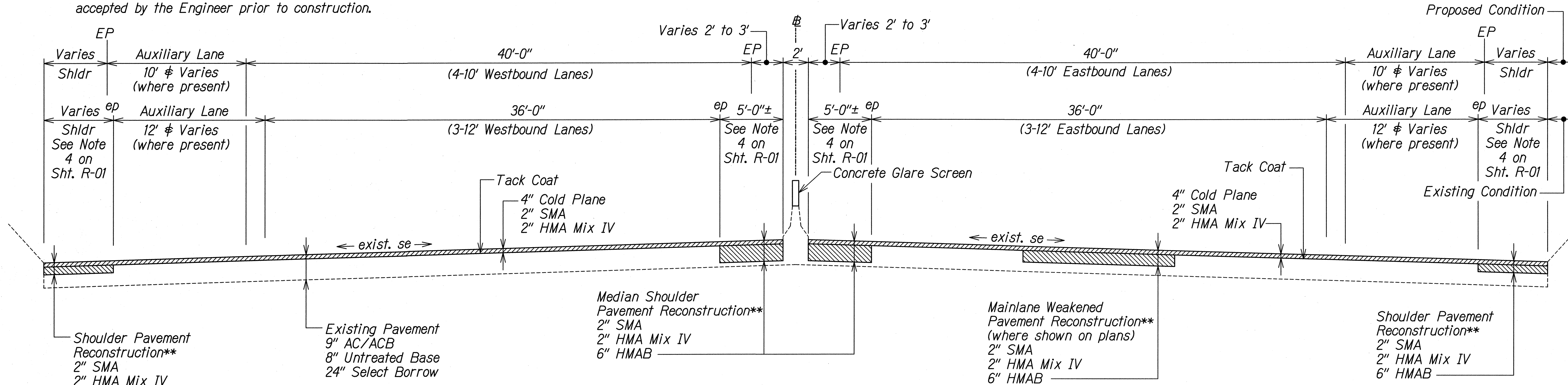
Scale: As Shown Date: Apr. 26, 2013

SHEET No. TS-1 OF 7 SHEETS



TYPICAL SECTION - STA. 127+00 TO 144+50
 Scale: 1/4" = 1'-0"

* HMA thickness may be reduced to 8" where reconstruction area encroaches upon travel lanes. Exception areas shall be accepted by the Engineer prior to construction.



TYPICAL SECTION - STA. 56+00 TO STA. 127+00
 Scale: 1/4" = 1'-0"

NOTE:
 If excavation exposes subbase layer, recompact top of existing subbase until it is visually firm and unyielding. The Engineer shall determine acceptance. Payment shall be incidental to the various paving items. If the subbase cannot be stabilized, see Special Provision Section 414.

WB = Westbound
 EB = Eastbound

** Excavation for pavement reconstruction shall be paid under pay item 414.0100 - Excavation of Weakened Pavement Areas.

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
IN CHARGE	_____
PROJECT NO.	_____
SHEET NO.	_____
TOTAL SHEETS	_____

T-16459A IDIQ PAVT PREVENTIVE MAINTENANCE/HI MIDDLE TO WARD/CADD/SHEETS/01 MISC/TYPSEC-06.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *[Signature]* EXPIRATION DATE OF LICENSE: 04/30/14

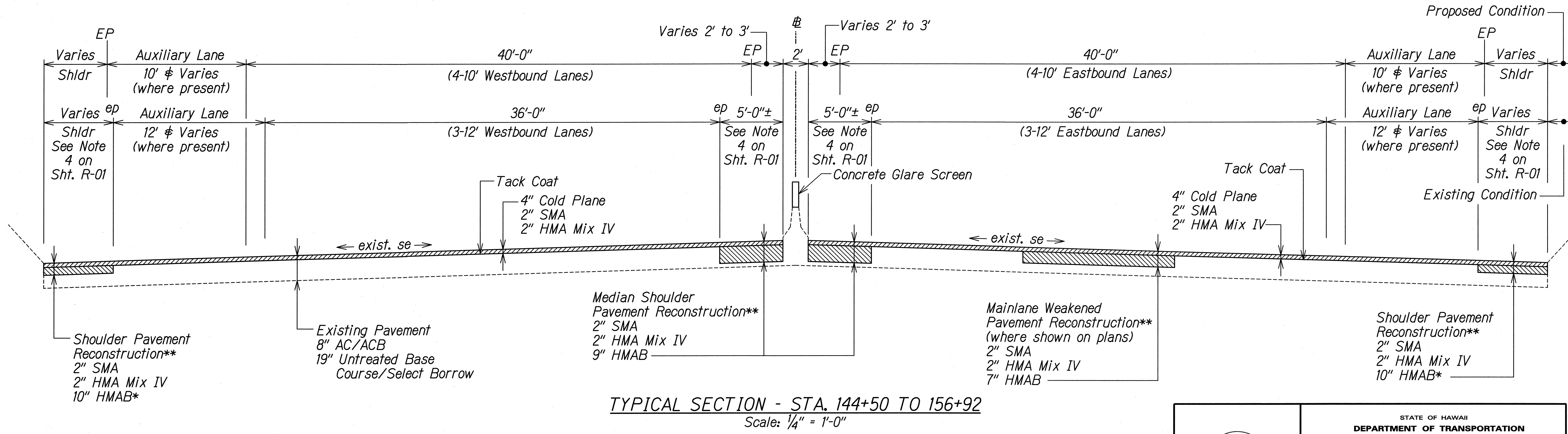
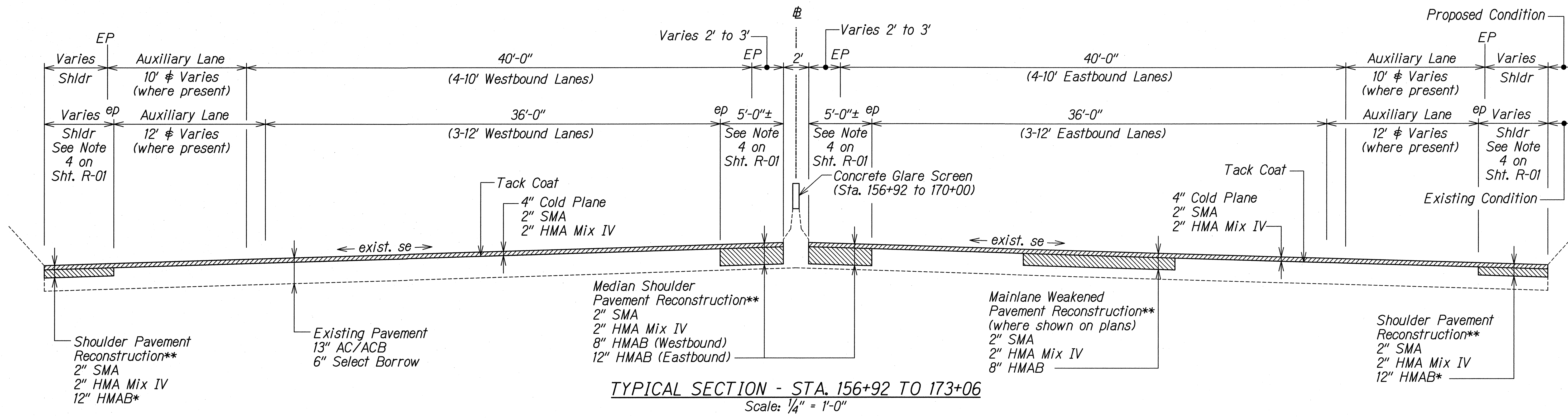
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TYPICAL SECTIONS

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: As Shown Date: Apr. 26, 2013

SHEET No. TS-2 OF 7 SHEETS



NOTE:
If excavation exposes subbase layer, recompact top of existing subbase until it is visually firm and unyielding. The Engineer shall determine acceptance. Payment shall be incidental to the various paving items. If the subbase cannot be stabilized, see Special Provision Section 414.

WB = Westbound
EB = Eastbound

* HMAB thickness may be reduced to 8" where reconstruction area encroaches upon travel lanes. Exception areas shall be accepted by the Engineer prior to construction.

** Excavation for pavement reconstruction shall be paid under pay item 414.0100 - Excavation of Weakened Pavement Areas.

DATE: _____
DRAWN BY: _____
CHECKED BY: _____
NOTE BOOK: _____
QUANTITY BY: _____

T:\16459A IDIQ PAVT PREVENTIVE MAINTENANCE\HI MIDDLE TO WARD\CADD\SHEETS\01 MISC\TYPSEC-07.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *[Signature]* DATE: 04/30/14

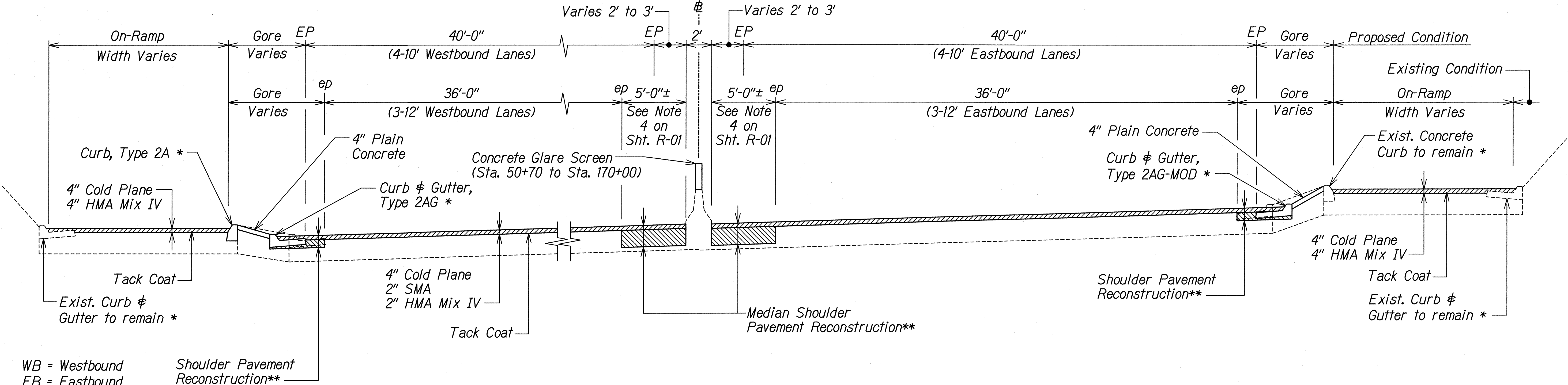
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: As Shown Date: Apr. 26, 2013

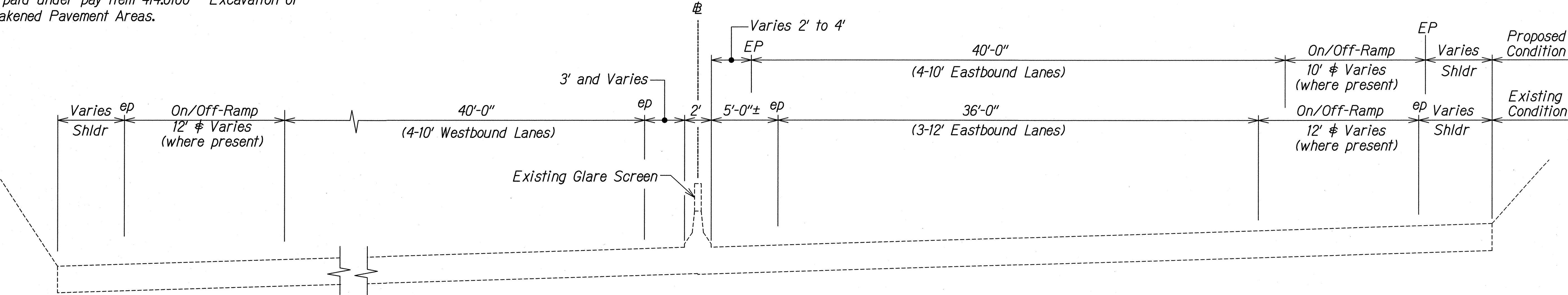
SHEET No. TS-3 OF 7 SHEETS



TYPICAL SECTION - ON-RAMP RECONSTRUCTION AREA
Scale: 1/4" = 1'-0"

*See Curb and/or Gutter Section with Prior Resurfacing Detail on Sht. R-35

** Excavation for pavement reconstruction shall be paid under pay item 414.0100 - Excavation of Weakened Pavement Areas.



TYPICAL SECTION - STA. 173+06 TO STA. 210+36
Scale: 1/4" = 1'-0"

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
REVISIONS	

T-16459A IDIQ PAVT PREVENTIVE MAINTENANCE/HI-MIDDLE TO WARD/CADD/SHEETS/01 MISC/TYPSEC-02.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *Pamela K. Uyeda* EXPIRATION DATE OF THE LICENSE: 04/30/14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

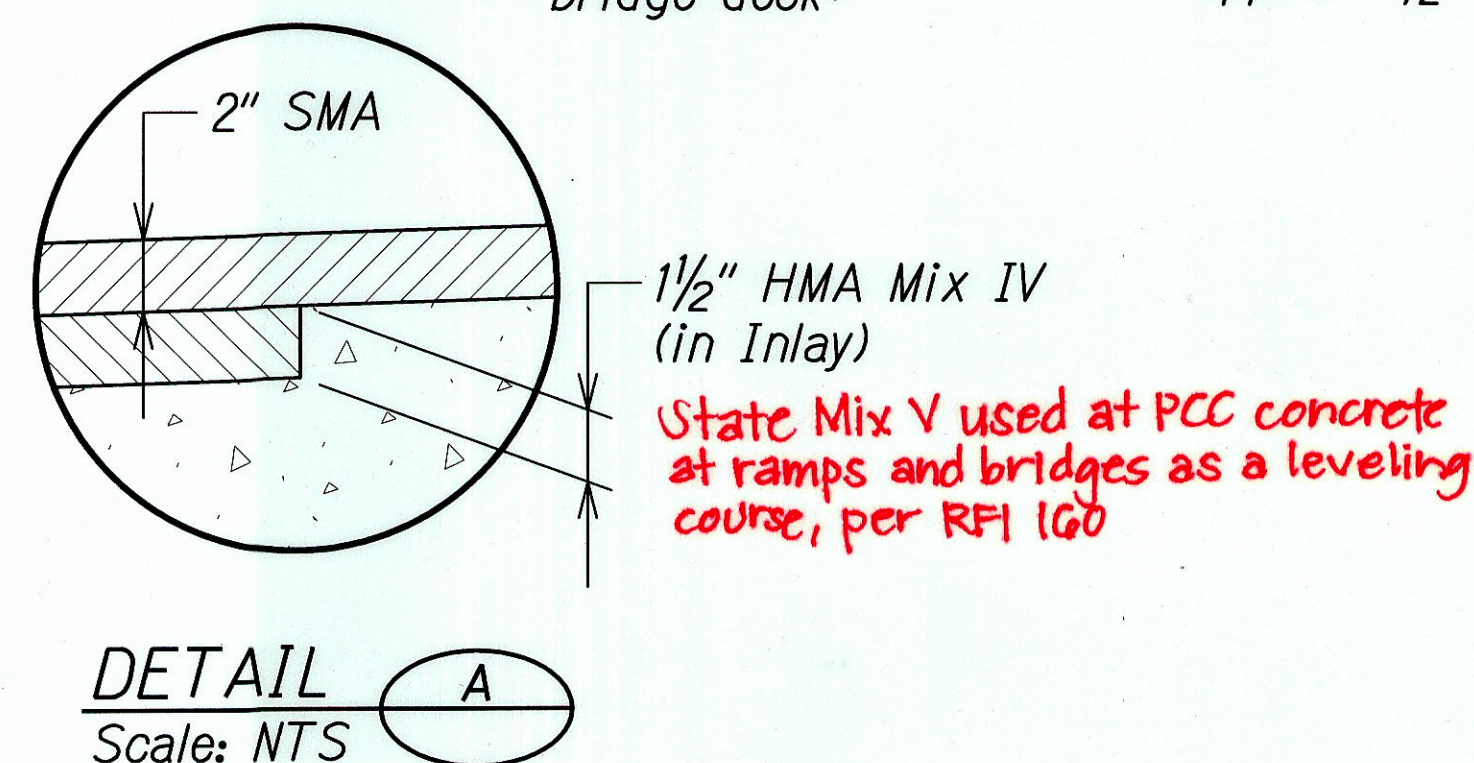
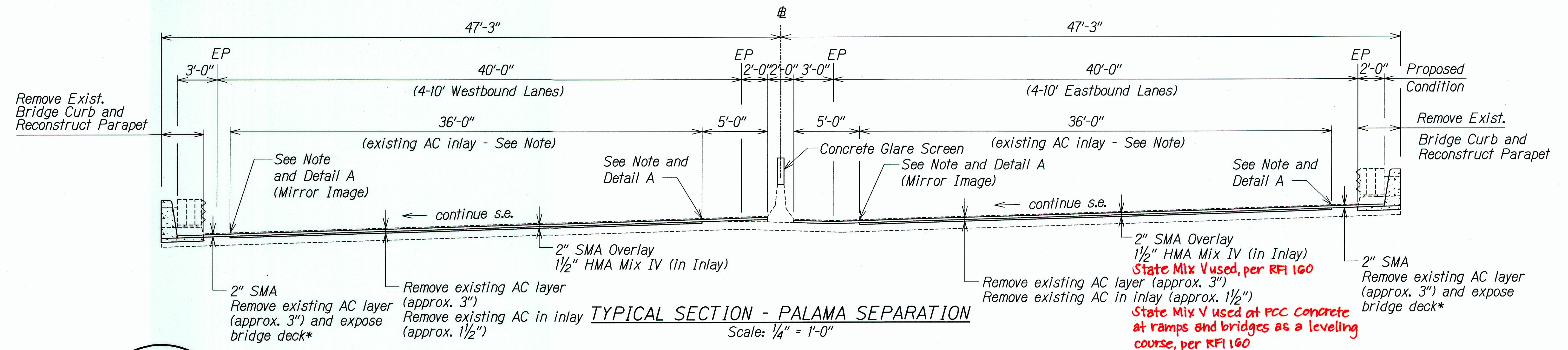
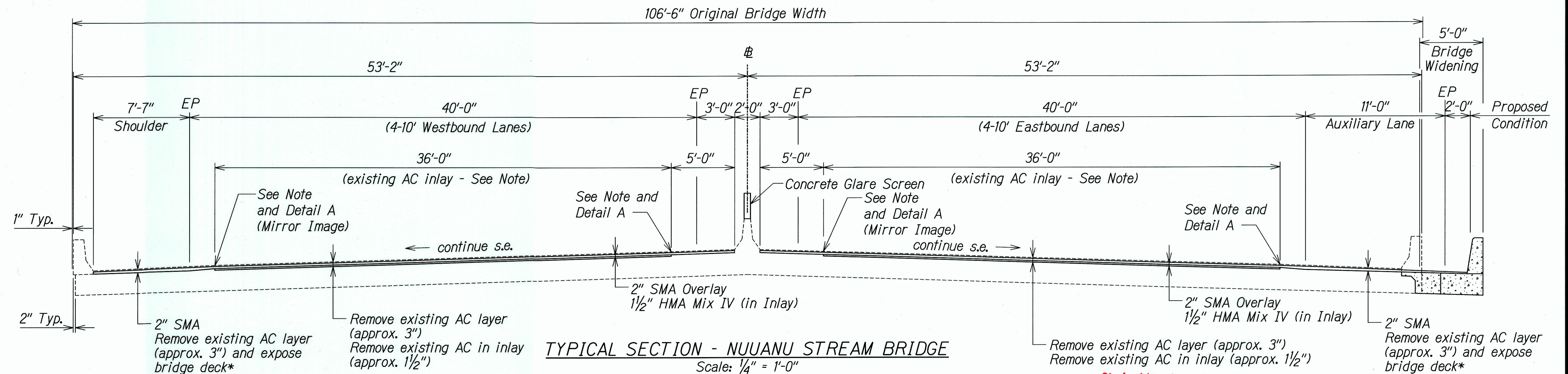
TYPICAL SECTIONS

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: As Shown Date: Apr. 26, 2013

SHEET No. TS-4 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	17	382



* Existing AC thickness is approximately 3" excluding 1 1/2" AC inlay. The Contractor shall verify thickness of existing AC pavement prior to cold planing. AC pavement thickness varies throughout bridge.

NOTE:
Contractor shall exercise caution to ensure concrete deck (including 1 1/2" notch for inlay) is not damaged during cold planing operations.

ORIGINAL PLAN

DATE

DESIGNED BY

CHECKED BY

QUANTITIES BY

NOTED BY

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TYPICAL SECTIONS

INTERSTATE ROUTE H-1 REHABILITATION

Middle Street to Vicinity of Ward Avenue

FAP NO. 1M-HI-1(269)

Scale: As Shown Date: Apr. 26, 2013

PAMELA K. UYEDA

LICENSED PROFESSIONAL ENGINEER

No. 10352-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

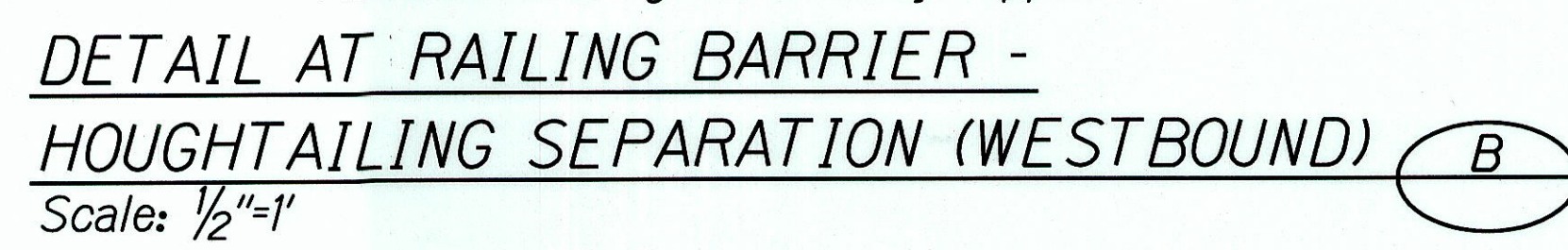
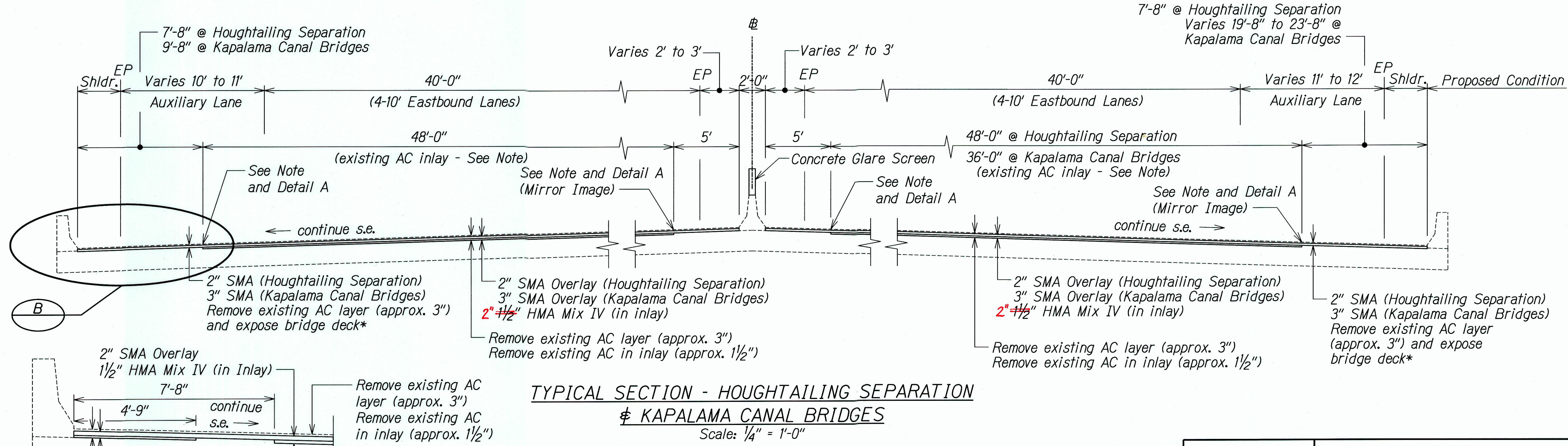
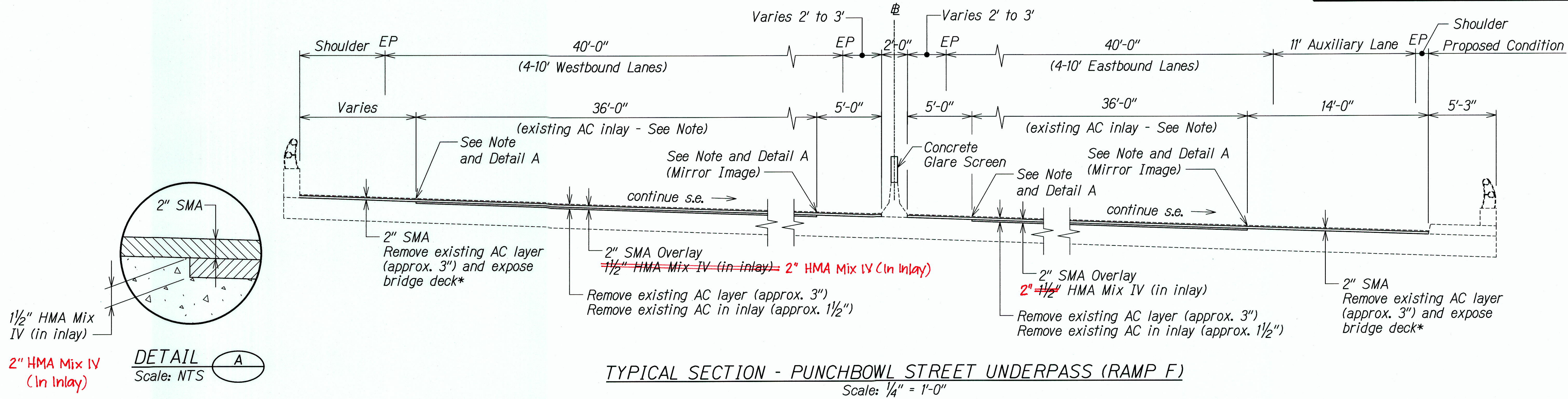
SIGNATURE

04/30/14

EXPIRATION DATE OF THE LICENSE

SHEET No. TS-5 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	18	382



* Existing AC thickness is approximately 3" excluding 1 1/2" AC inlay. The Contractor shall verify thickness of existing AC pavement prior to cold planing. AC pavement thickness varies throughout bridge.

NOTE:
Contractor shall exercise caution to ensure concrete deck (including 1 1/2" notch for inlay) is not damaged during cold planing operations.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *[Signature]* DATE: 04/30/14

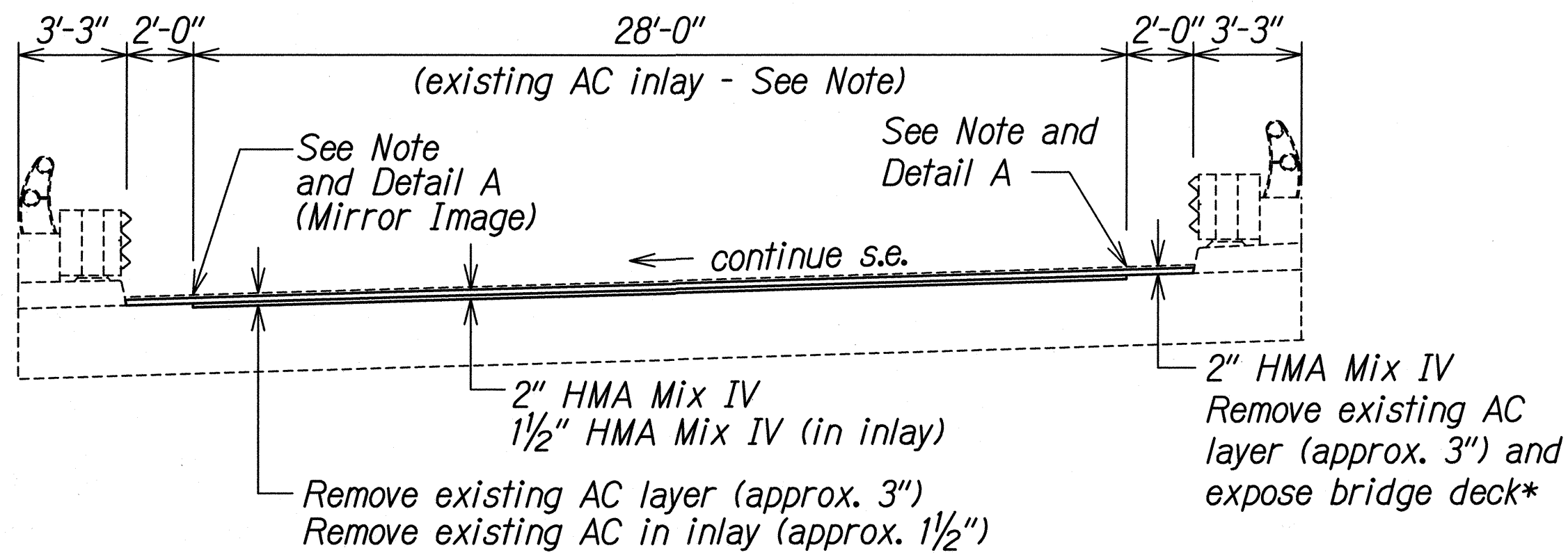
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: As Shown Date: Apr. 26, 2013

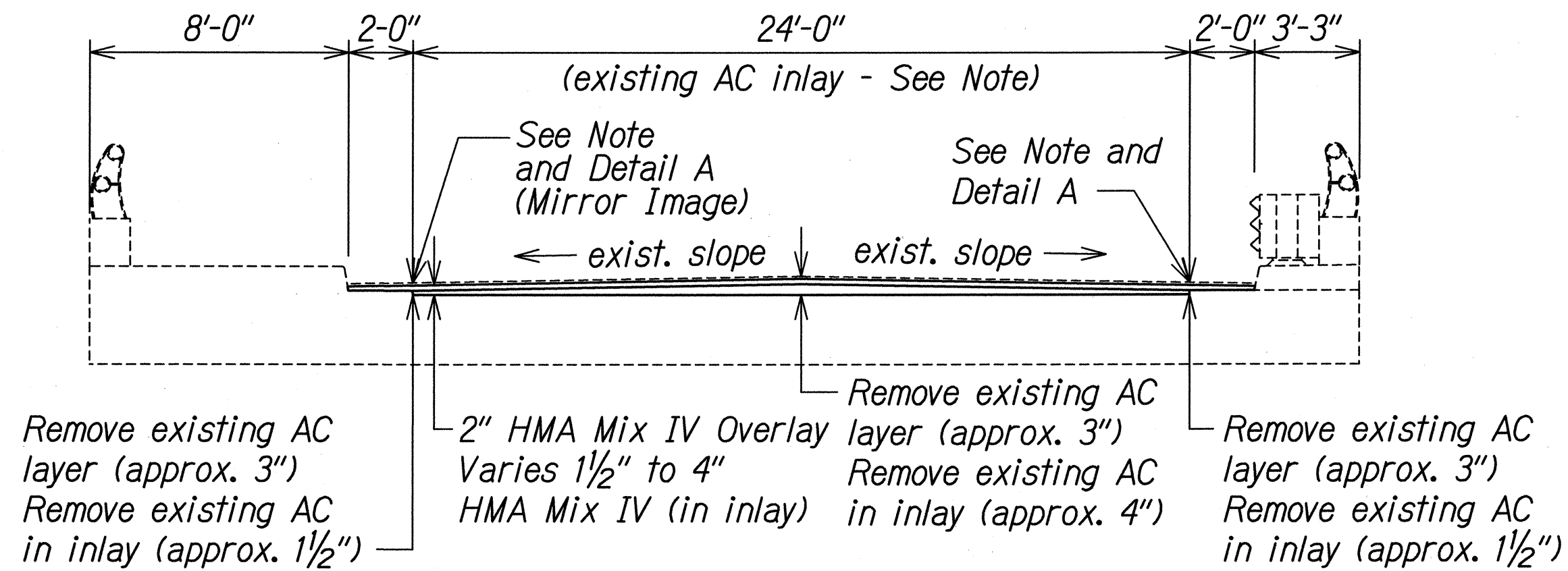
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	19	382



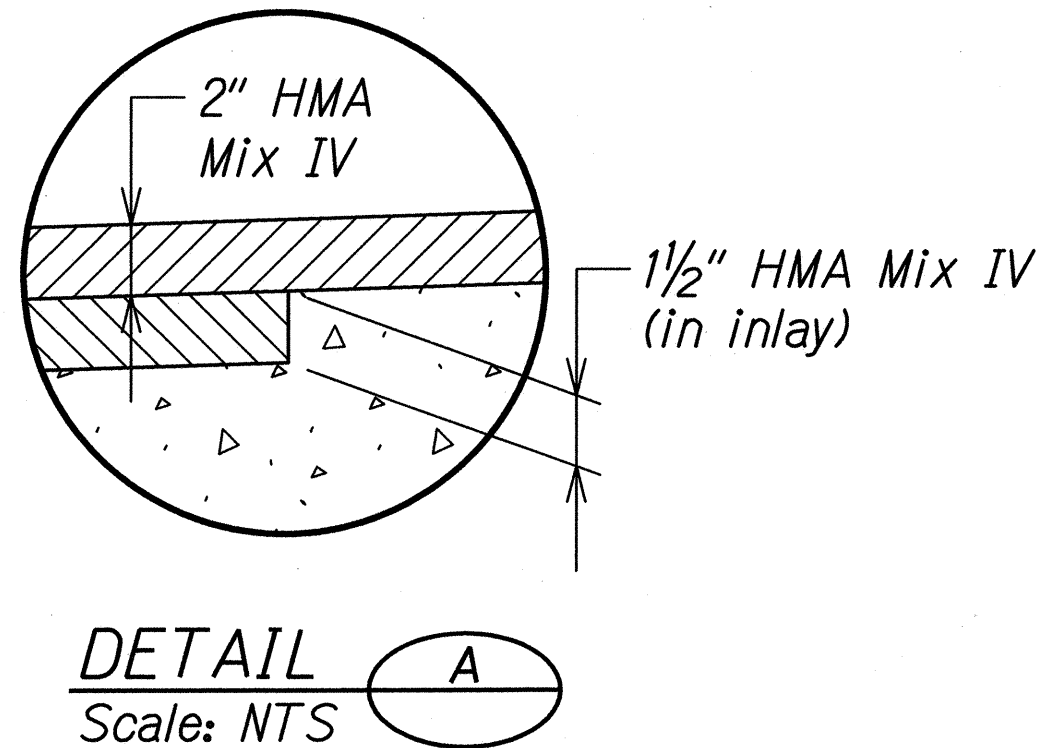
TYPICAL SECTION - EASTBOUND KALIHI ST. ON-RAMP (RAMP K-2)
 Scale: 1/4" = 1'-0"

NOTE:
 Contractor shall exercise caution to ensure concrete deck (including 1 1/2" notch for inlay) is not damaged during cold planing operations.

* Existing AC thickness is approximately 3" excluding 1 1/2" AC inlay. The Contractor shall verify thickness of existing AC pavement prior to cold planing. AC pavement thickness varies throughout bridge.



TYPICAL SECTION - NORTHBOUND KALIHI ST. OVERPASS
 Scale: 1/4" = 1'-0"



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	CHECKED BY	

T:\16459A IDIQ PAVMT PREVENTIVE MAINTENANCE\HI MIDDLE TO WARD\CADD\SHEETS\01 MISC\TYPSEC-05.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *[Signature]* EXPIRATION DATE OF THE LICENSE: 04/30/14

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TYPICAL SECTIONS

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: As Shown Date: Apr. 26, 2013