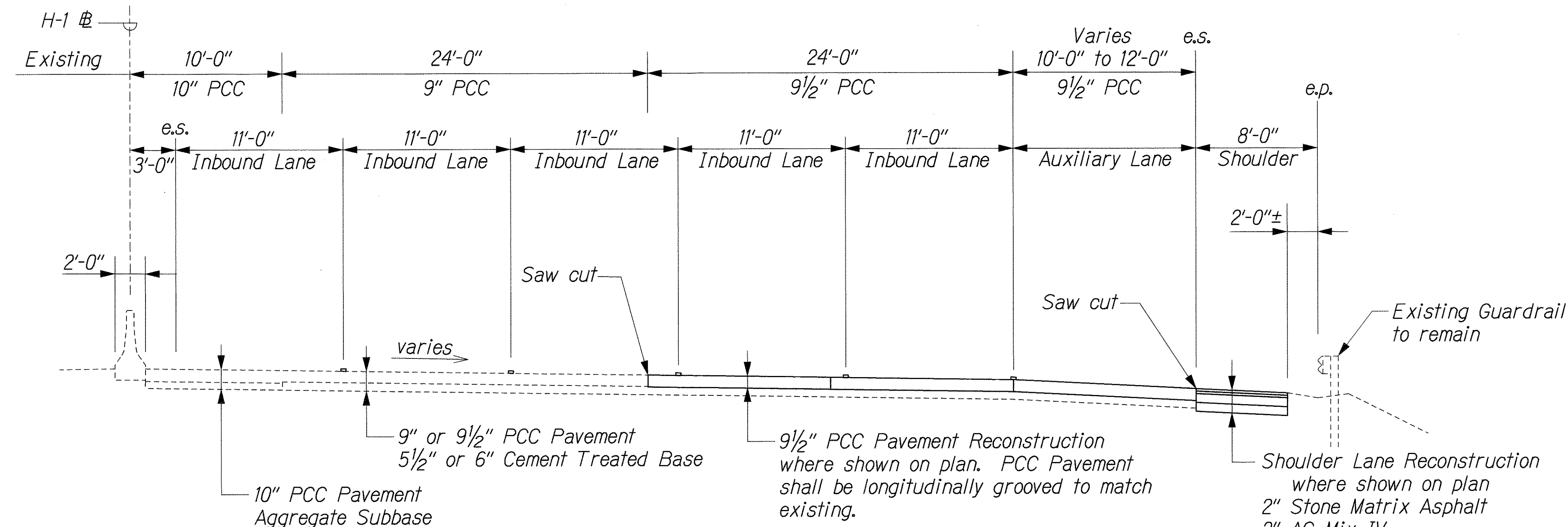


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	9	183



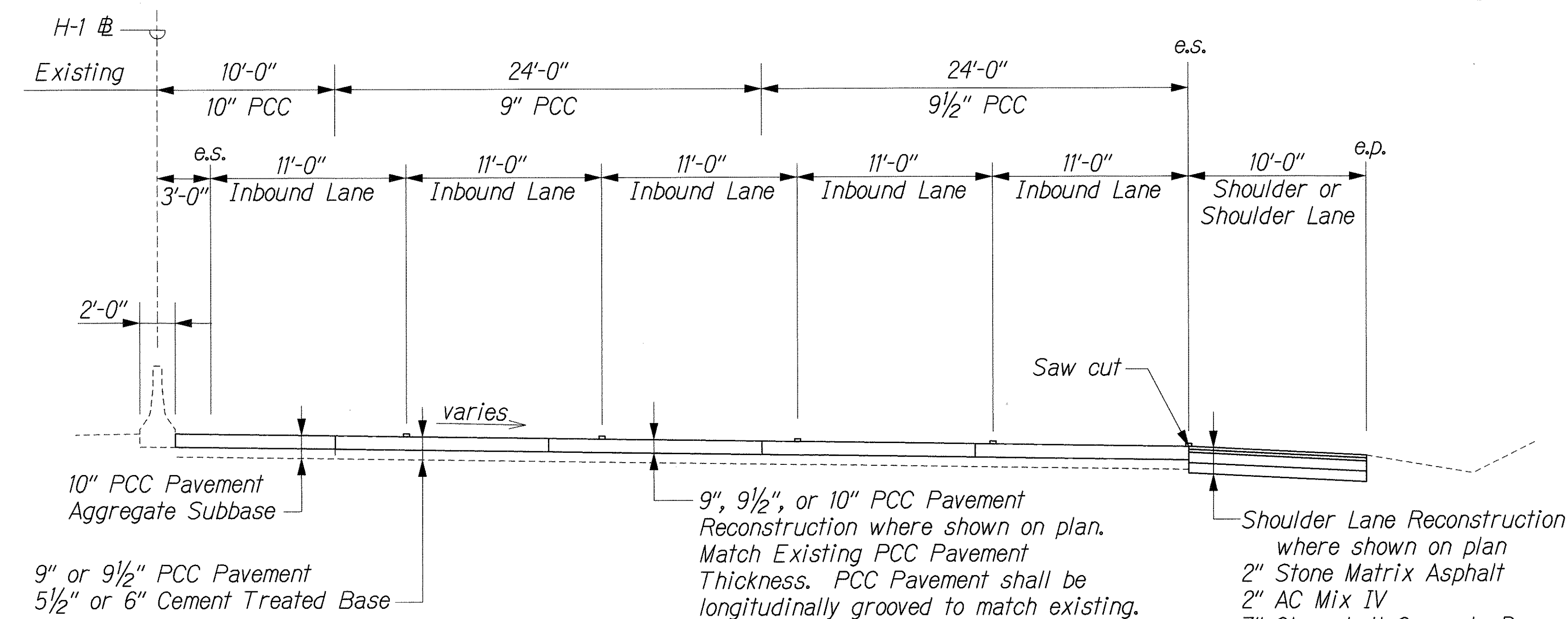
TYPICAL SECTION - 6-LANE SECTION

Scale: 1" = 5'-0"

Shoulder Lane Reconstruction where shown on plan
2" Stone Matrix Asphalt
2" AC Mix IV
7" Glassphalt Concrete Base
7" Aggregate Subbase
or
Shoulder Lane AC Overlay where shown on plan
2" min. Cold Plane
2" min. Stone Matrix Asphalt
Bituminous Tack Coat

NOTES:

1. Saw cut PCC pavement prior to removing existing slab. Saw cut shall be at existing longitudinal and transverse joints (Typ.). Where joints are broken or jagged, offset saw cut an additional 1" to provide a straight line.
2. Contractor shall compact subgrade to 95% relative compaction.



TYPICAL SECTION - 5-LANE SECTION

Scale: 1" = 5'-0"

Shoulder Lane Reconstruction where shown on plan
2" Stone Matrix Asphalt
2" AC Mix IV
7" Glassphalt Concrete Base
7" Aggregate Subbase
or
Shoulder Lane AC Overlay where shown on plan
2" min. Cold Plane
2" min. Stone Matrix Asphalt
Bituminous Tack Coat

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

14/COE H-1 REHAB/MISC/TYPSECDgn

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R. M. Urasaki
1/24/06

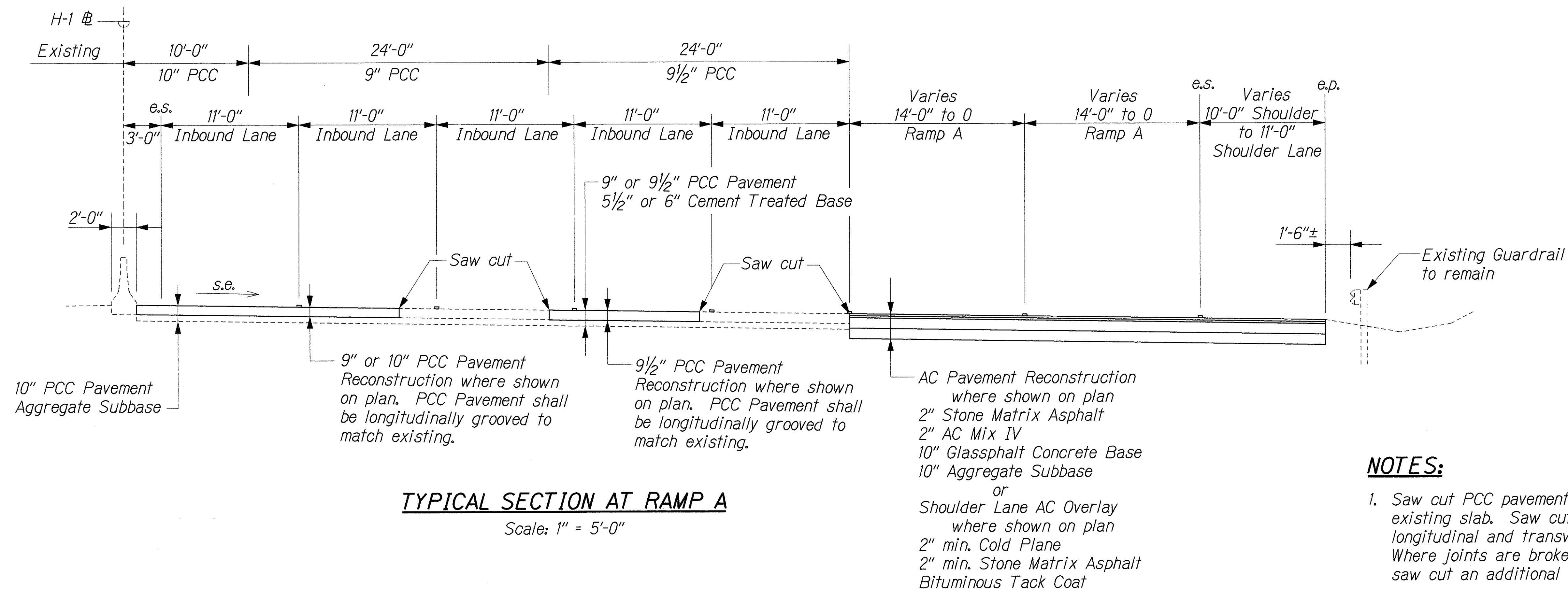
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 5'-0" Date: Jan. 24, 2006

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	10	183



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

14/COE HI-1 REHAB/MISC/TYPSEC02.dgn

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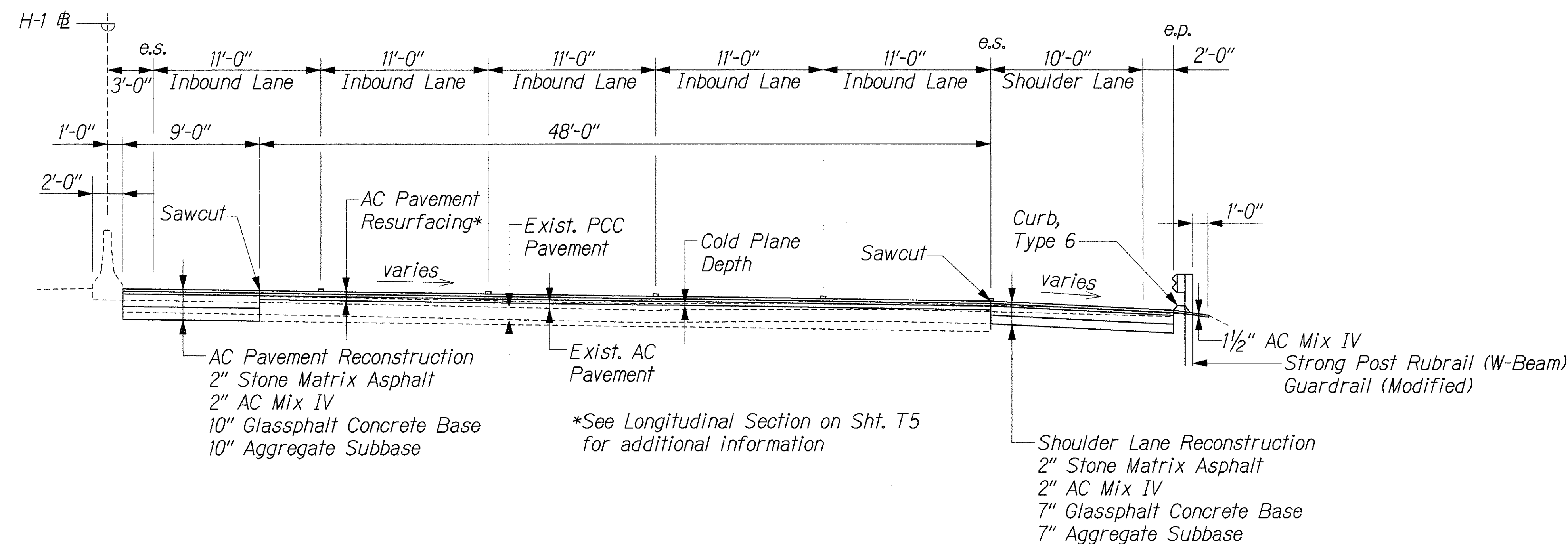
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

INTERSTATE ROUTE HI-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 5'-0" Date: Jan. 24, 2006

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	11	183

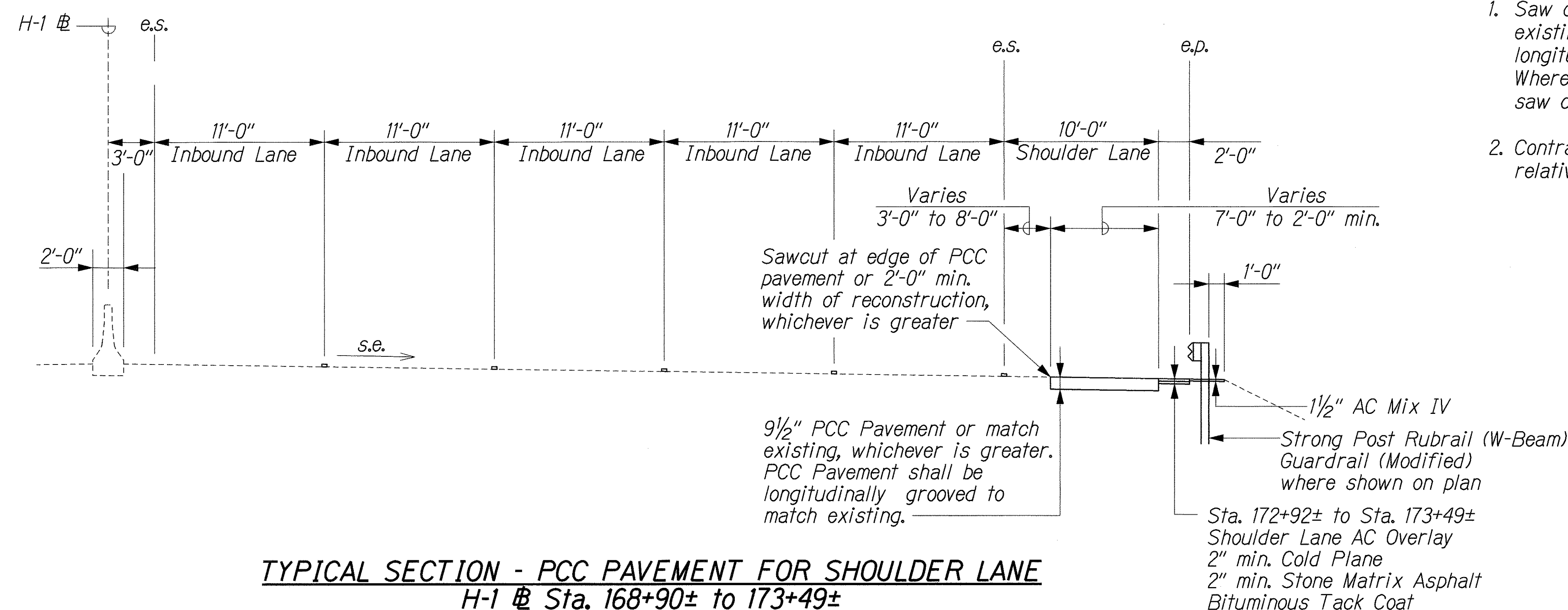


TYPICAL SECTION - AREAS 2, 3, AND 4

Scale: 1" = 5'-0"

NOTES:

1. Saw cut PCC pavement prior to removing existing slab. Saw cut shall be at existing longitudinal and transverse joints (Typ.). Where joints are broken or jagged, offset saw cut an additional 1" to provide a straight line.
2. Contractor shall compact subgrade to 95% relative compaction.



TYPICAL SECTION - PCC PAVEMENT FOR SHOULDER LANE H-1 @ Sta. 168+90± to 173+49±

Scale: 1" = 5'-0"

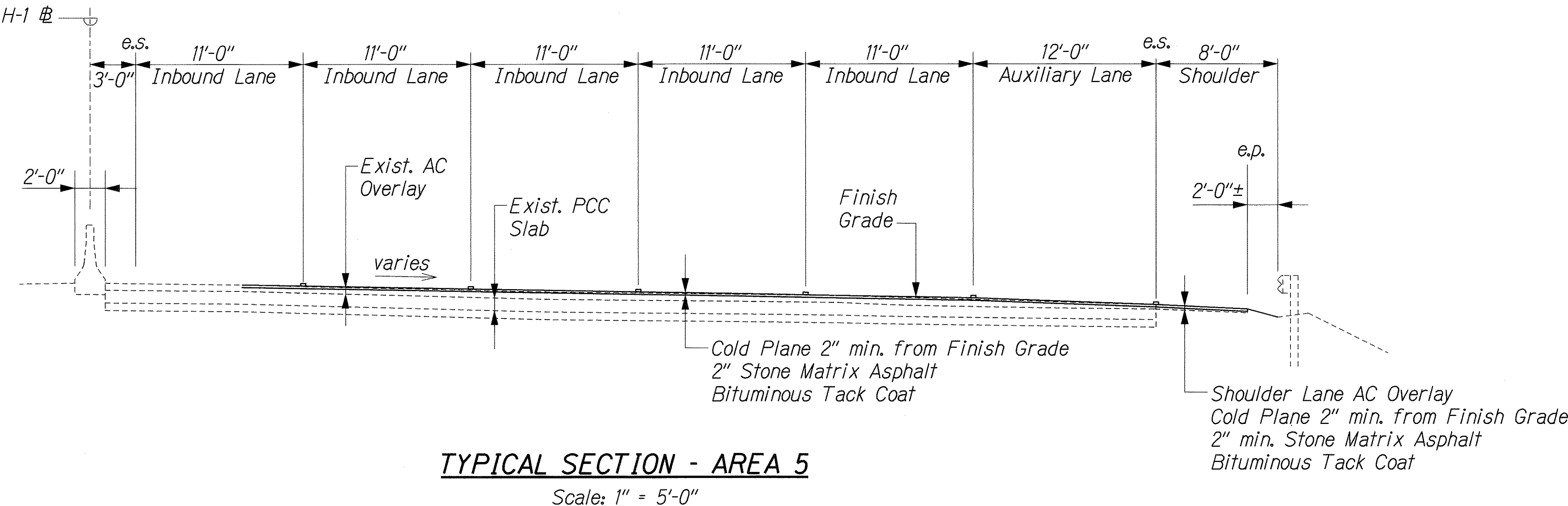
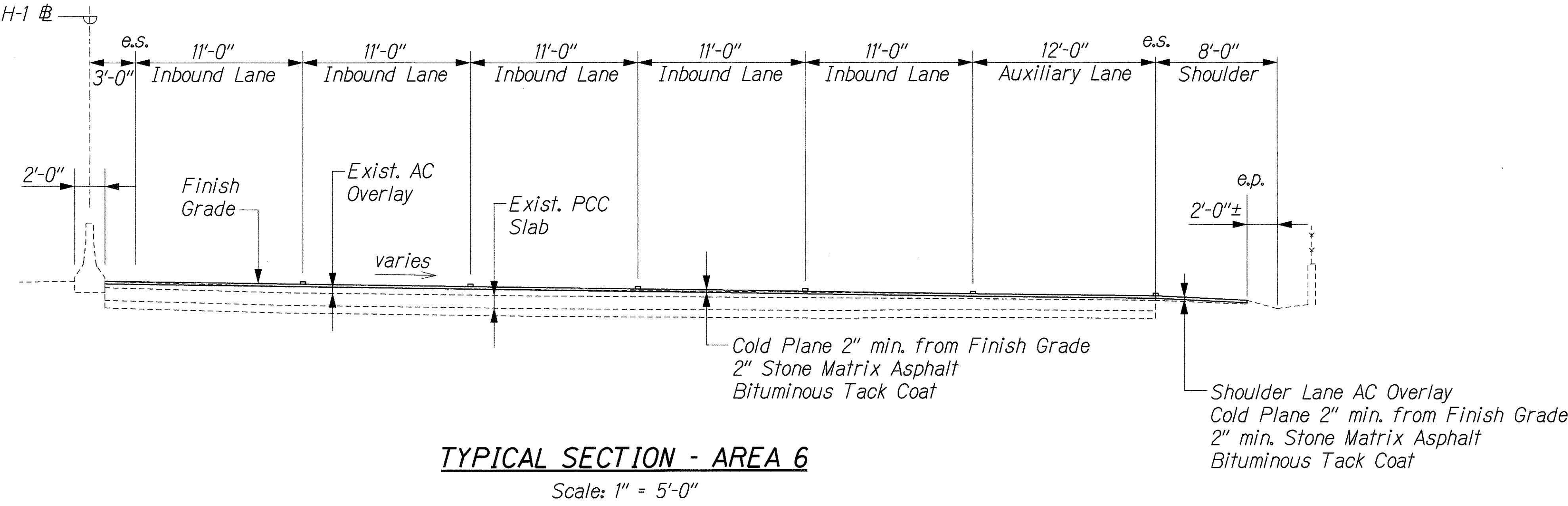
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	CHECKED BY	
	QUANTITIES BY	
	CHECKED BY	

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	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
	TYPICAL SECTIONS	
	INTERSTATE ROUTE H-1 REHABILITATION EASTBOUND LANES WAI'AU INTERCHANGE TO KAIMAKANI STREET	
	Scale: 1" = 5'-0"	Date: Jan. 24, 2006

SHEET No. T3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-K(245)	2005	12	183



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

J:\COE HI REHAB\HISC\TYPSEC04.dgn

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Randall M. Urasaki
1/24/06

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

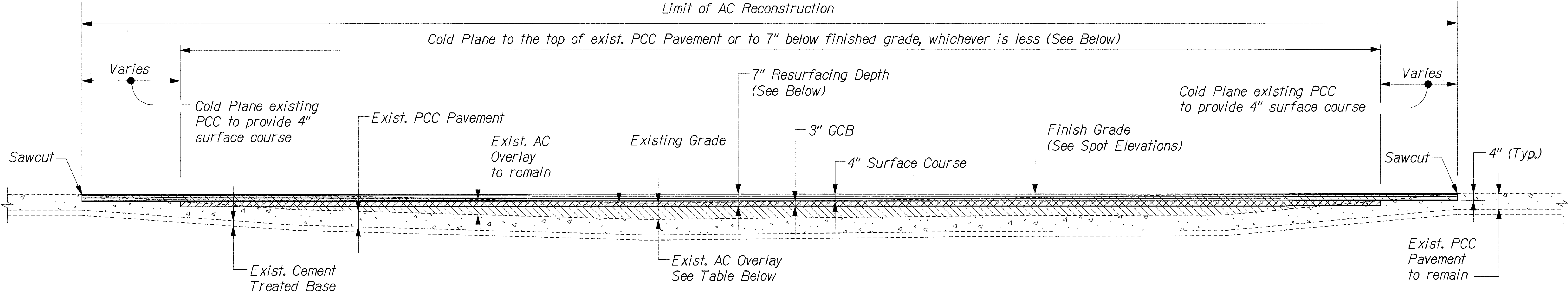
TYPICAL SECTIONS

INTERSTATE ROUTE H-1 REHABILITATION
 EASTBOUND LANES
 WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 5'-0" Date: Jan. 24, 2006

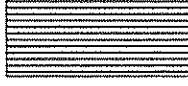
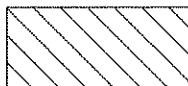
SHEET No. T4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	13	183



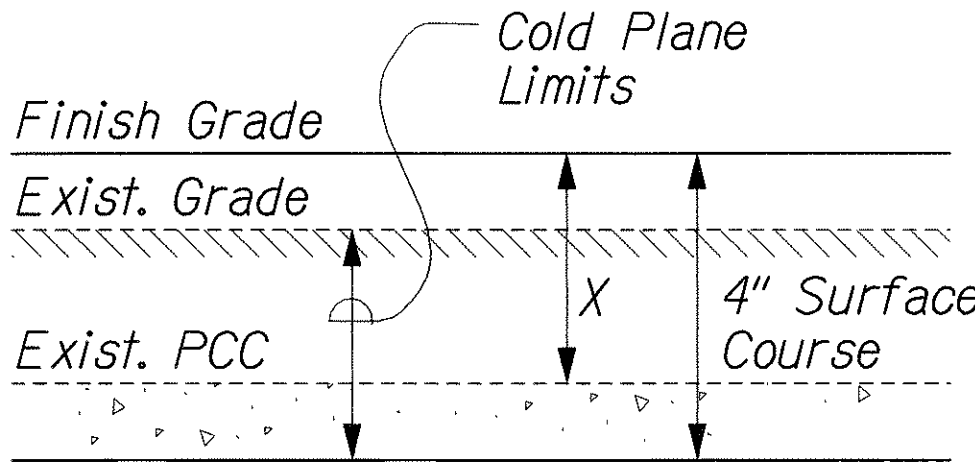
**TYPICAL LONGITUDINAL SECTION AT AC RECONSTRUCTION AREAS
(AREAS 2, 3 AND 4)**

Not to Scale

-  Surface Course
2" Stone Matrix Asphalt (SMA)
2" AC Mix IV
-  Glassphalt Concrete Base (GCB)
-  Existing AC Overlay
-  Existing PCC Pavement

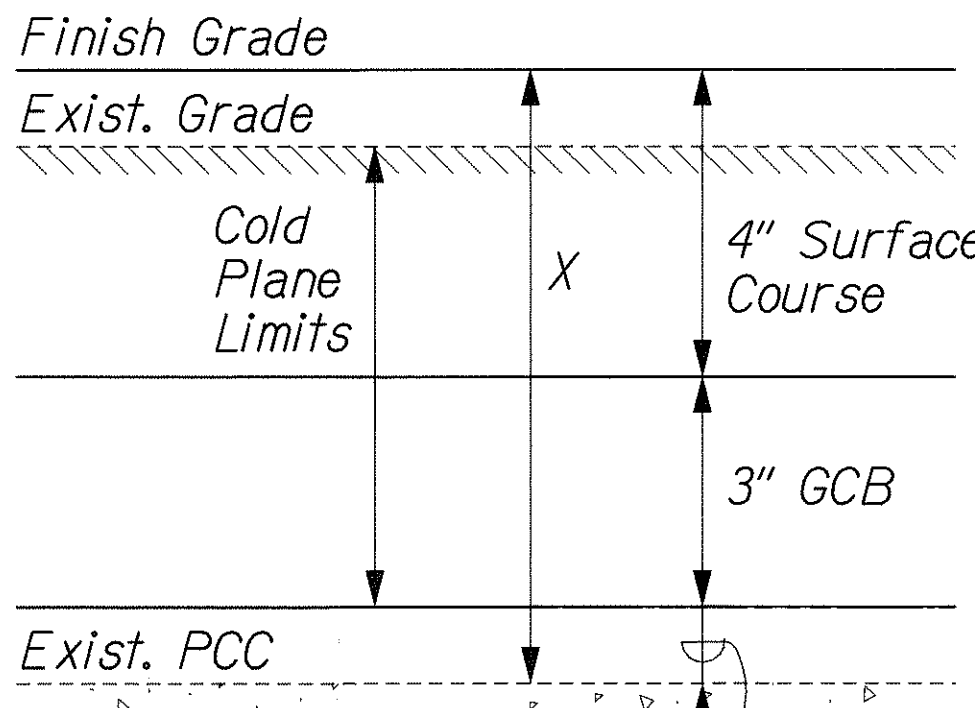
AREA*	APPROX. STATION		ESTIMATED THICKNESS OF EXISTING AC OVERLAY (in.)	
	From	To	From	To
2	102+44	105+50	3	7.5
	105+50	108+00	7.5	10.5
	108+00	111+40	10.5	3
3	144+90	146+40	3	13
	146+40	148+55	13	12
	148+55	149+76	12	3
4	162+72	168+84	3	4

*For locations of Areas 2, 3 and 4, see Sht. C1



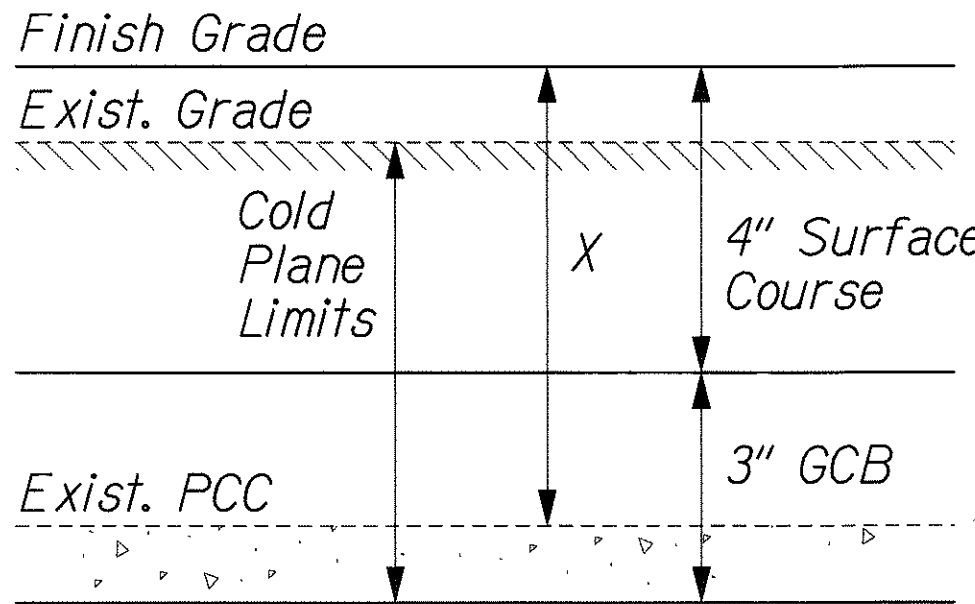
Case I ($X < 4''$)

Not to Scale



Case II ($4'' < X < 7''$)

Not to Scale



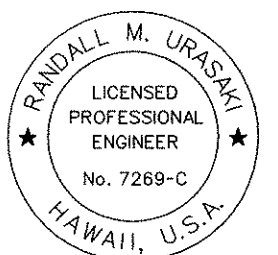
Case III ($X > 7''$)

Not to Scale

Exist. AC pavement to remain

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY	DRAWN BY	
CHECKED BY	DESIGNED BY	
NO.	CHECKED BY	

J:\COE H-1 REHAB\MISC\LONGSEC.dgn



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1/24/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 5'-0" Date: Jan. 24, 2006