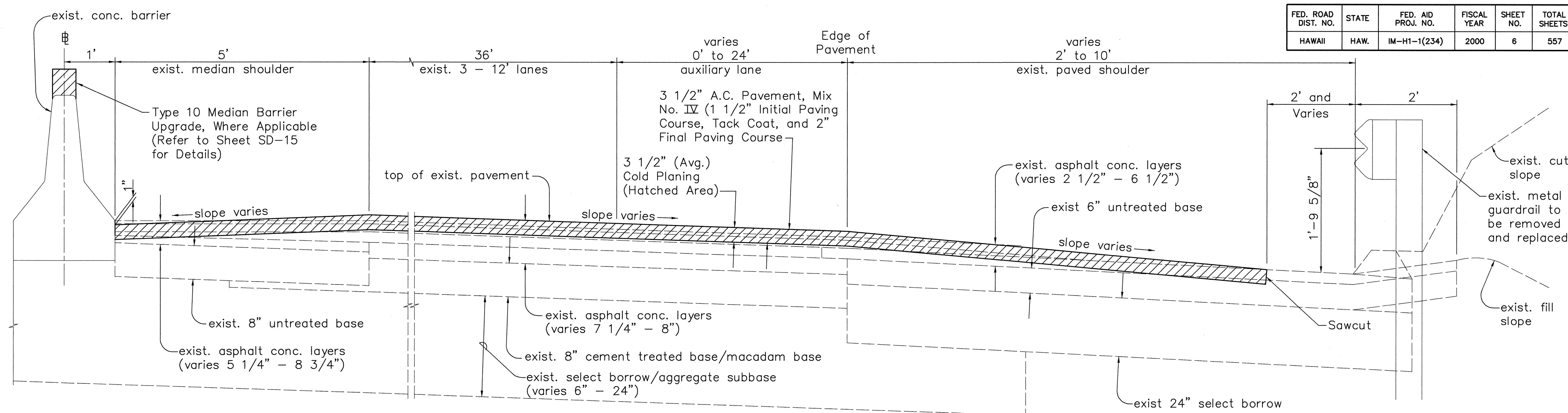
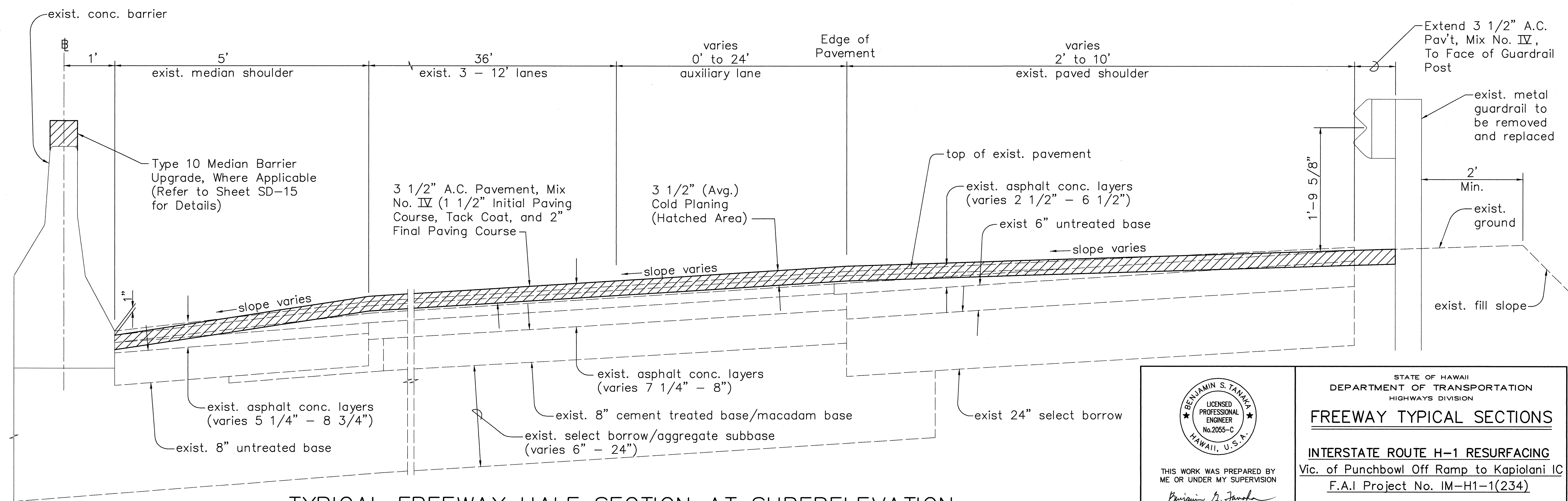


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	6	557



TYPICAL FREEWAY HALF SECTION AT TANGENT

Scale: 1" = 1'-0"



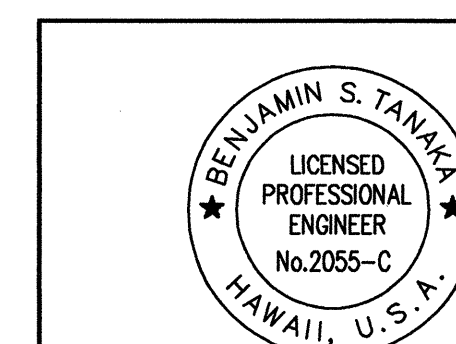
TYPICAL FREEWAY HALF SECTION AT SUPERELEVATION

Scale: 1" = 1'-0"

DATE: 06/04/98
SCALE: 1" = 1'-0"
FILE: 9815-04

BST/TCL
SHA,FAI,CDK,*BTY
OPER:
REVISED: 07/07/99

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



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

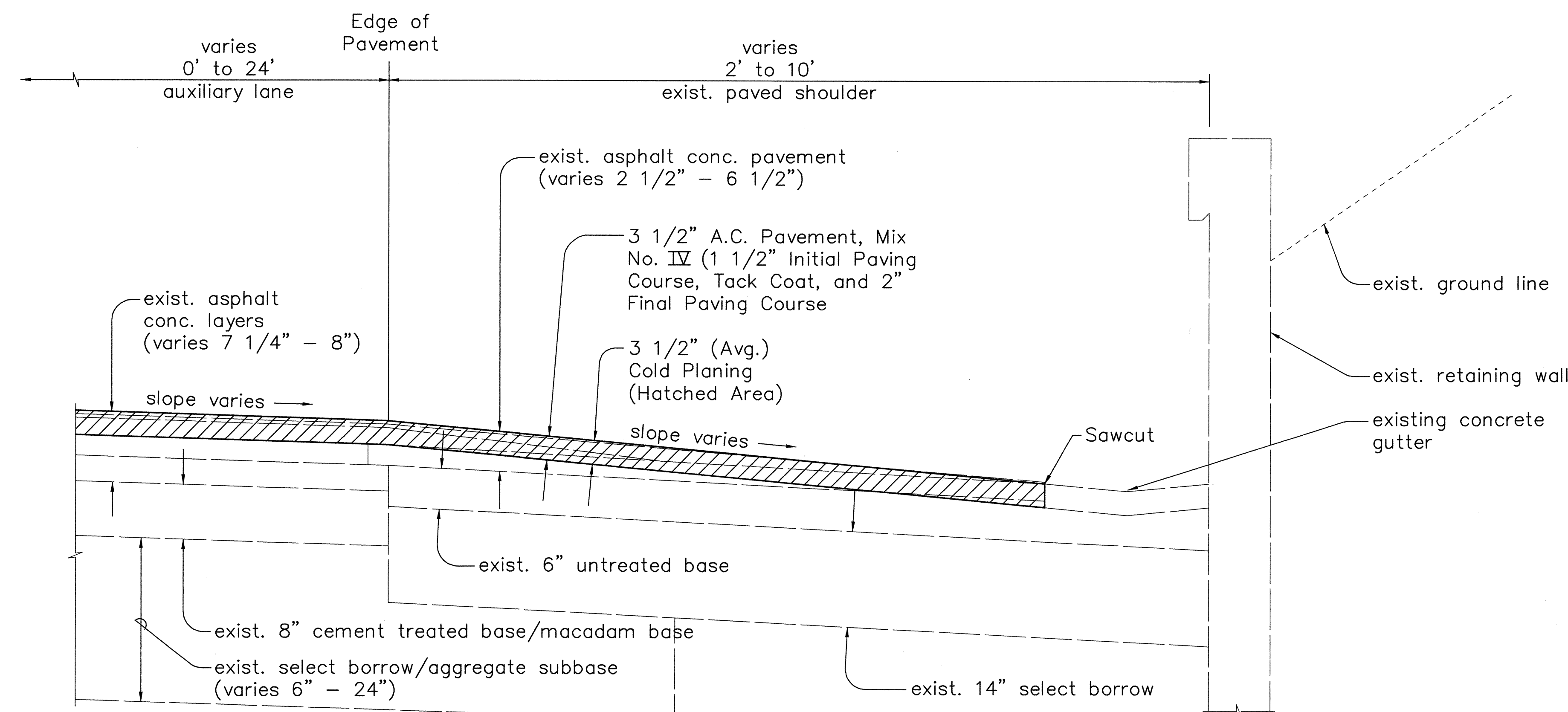
FREEWAY TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I. Project No. IM-H1-1(234)

Scale: 1" = 1'-0" Date: June 1, 1999

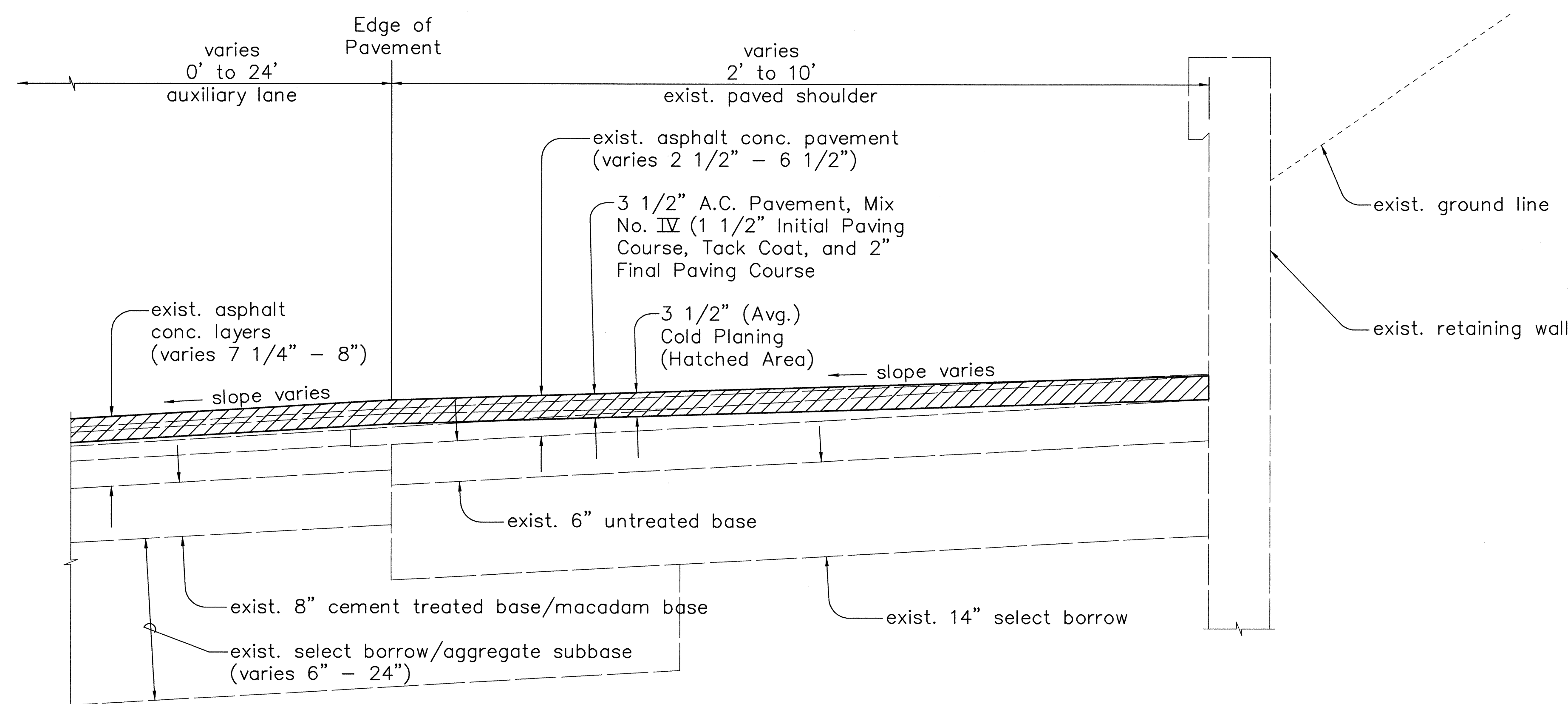
SHEET NO. C1 OF 20 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	7	557



SWALE SECTION AT RETAINING WALL

Scale: 1" = 1'-0"



SECTION AT RETAINING WALL (HIGH POINT)

Scale: 1" = 1'-0"

DATE: 06/12/98
SCALE: 1" = 1'-0"
FILE: 9815-05

PM: BST/ICL
OPER: SHA, FAL, CDK
REVISED: 05/03/99

ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
CHECKED BY	
QUANTITIES BY	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FREEWAY TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I Project No. IM-H1-1(234)

Scale: 1" = 1'-0" Date: June 1, 1999

SHEET NO. C2 OF 20 SHEETS

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FREEWAY TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I Project No. IM-H1-1(234)

Scale: 1" = 1'-0" Date: June 1, 1999

SHEET NO. C2 OF 20 SHEETS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

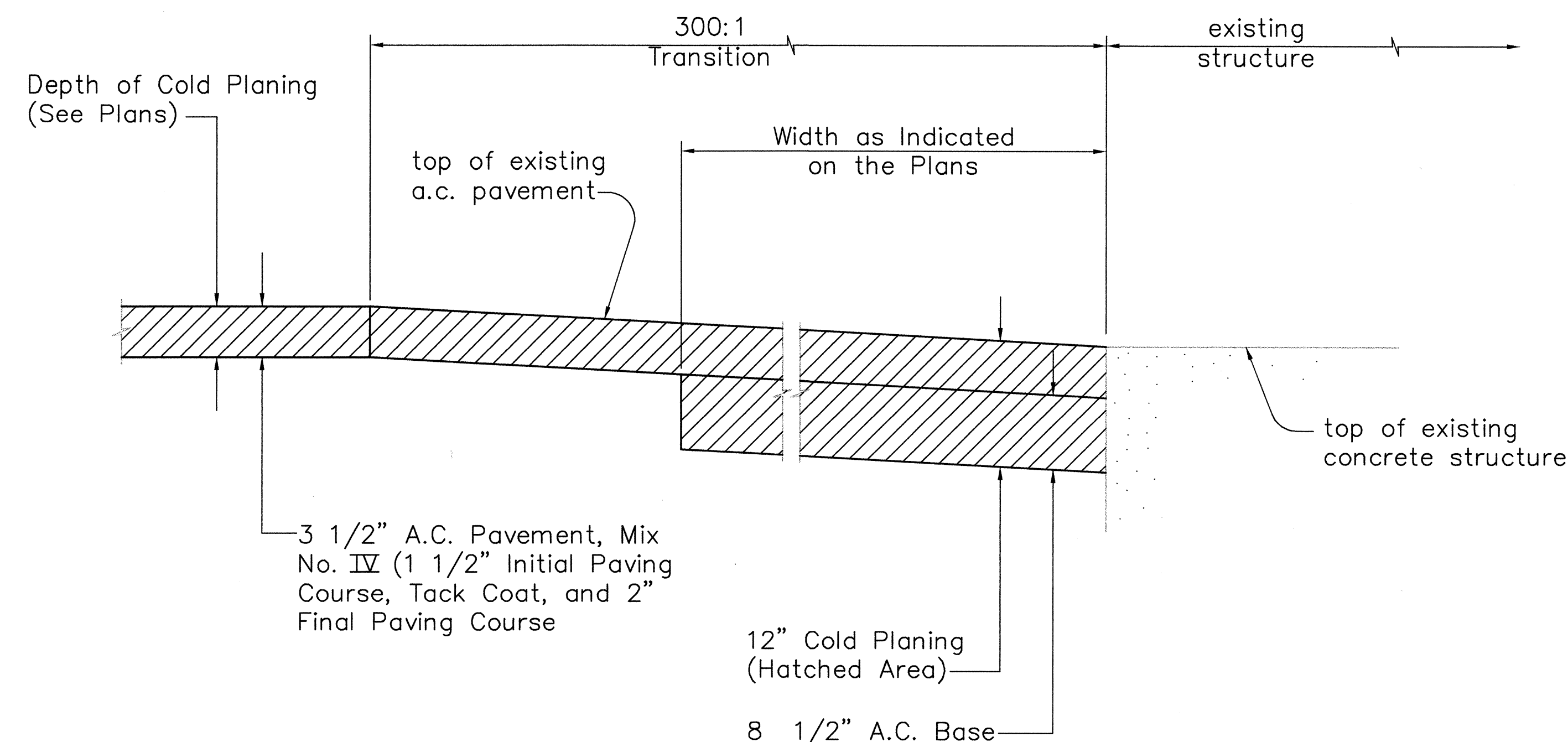
FREEWAY TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I Project No. IM-H1-1(234)

Scale: 1" = 1'-0" Date: June 1, 1999

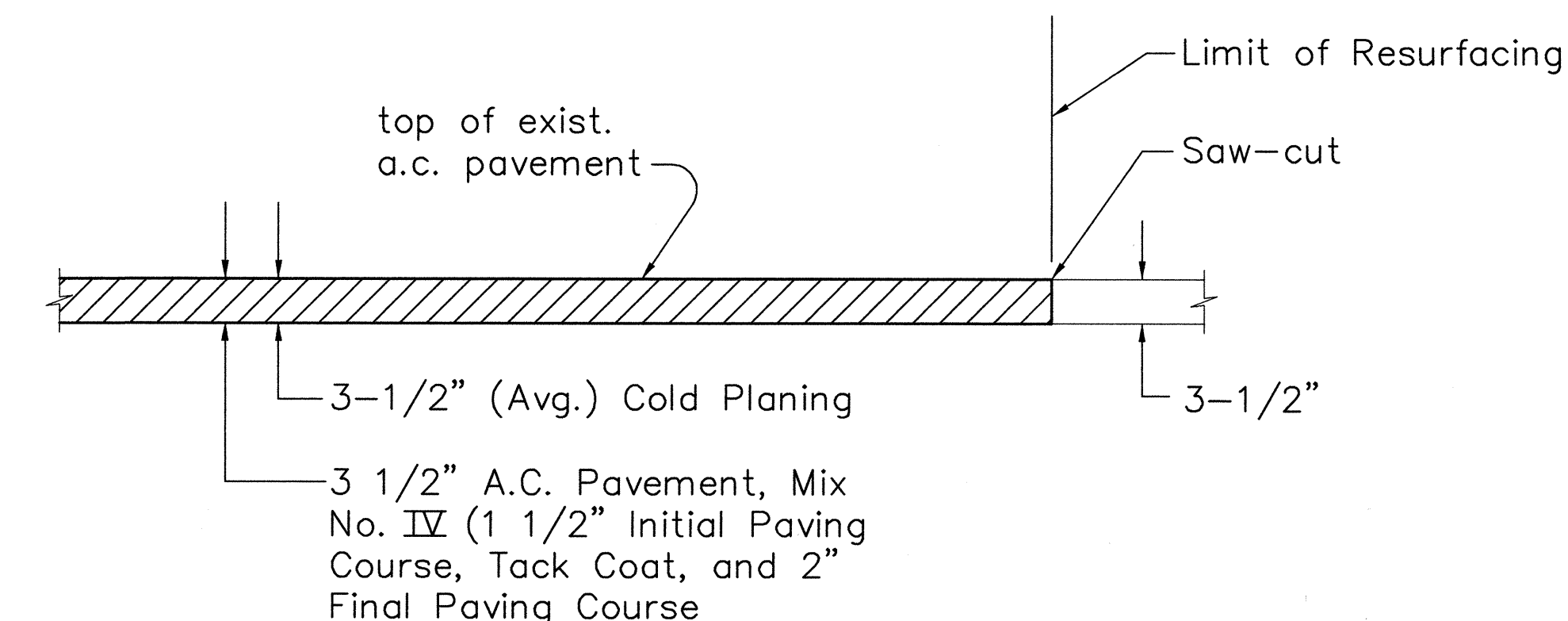
SHEET NO. C2 OF 20 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	8	557



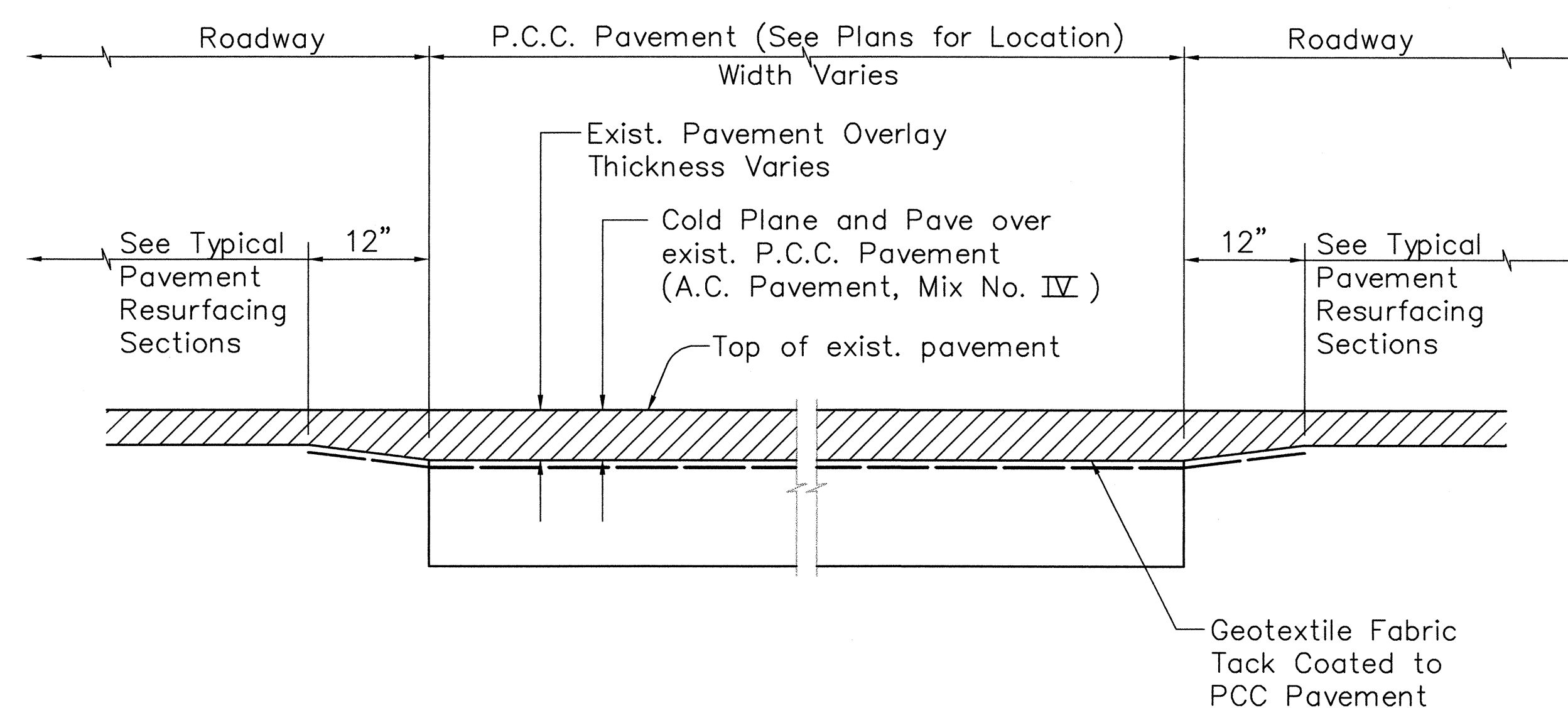
DETAIL OF COLD PLANING AND BRIDGE APPROACH RECONSTRUCTION AT EXISTING STRUCTURE

Not to Scale



COLD PLANING AND PAVING DETAIL AT BEGINNING AND END OF PROJECT AND SIDE STREETS

Not to Scale



Note:

Cold Planing over the existing P.C.C. Pavement shall be to the top of the exist. Pavement. Payment shall be under Item No. 652.1100, Inch Cold Planing (3 1/2") - H-1 Freeway.

DETAIL OF PAVEMENT WEAKENED PAVEMENT SECTION OVER EXISTING P.C.C. PAVEMENT

Not to Scale

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FREEWAY TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I Project No. IM-H1-1(234)

Scale: 1" = 1'-0" Date: June 1, 1999

SHEET NO. C3 OF 20 SHEETS

DATE: 06/12/98
SCALE: 1" = 1'-0"
FILE: 9815-06

PM: BST/TCL
OPER: SHA, FALCDK
REVISED: 05/03/99

SURVEY PLOTTED BY: _____ DATE: _____

DRAWN BY: _____

DESIGNED BY: _____

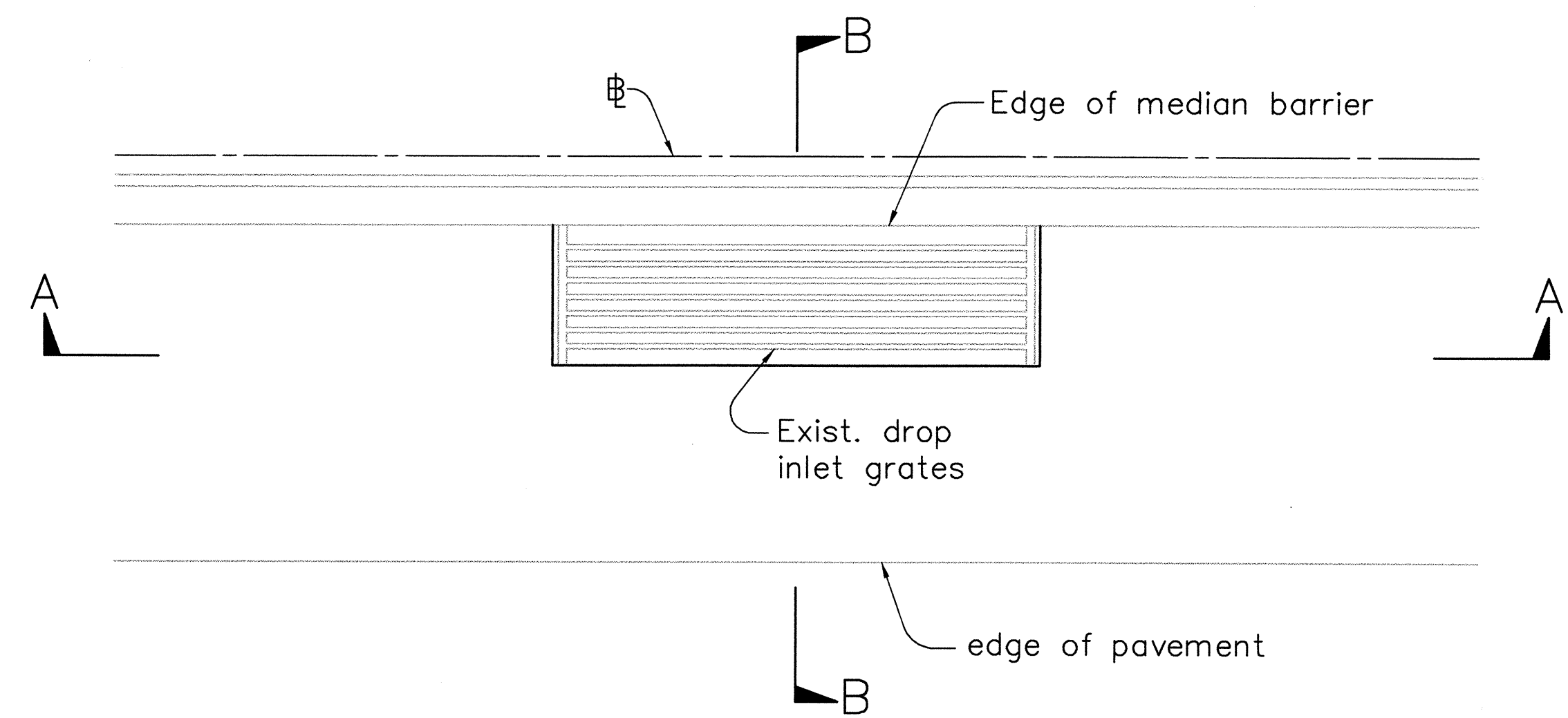
QUANTITIES BY: _____

CHECKED BY: _____

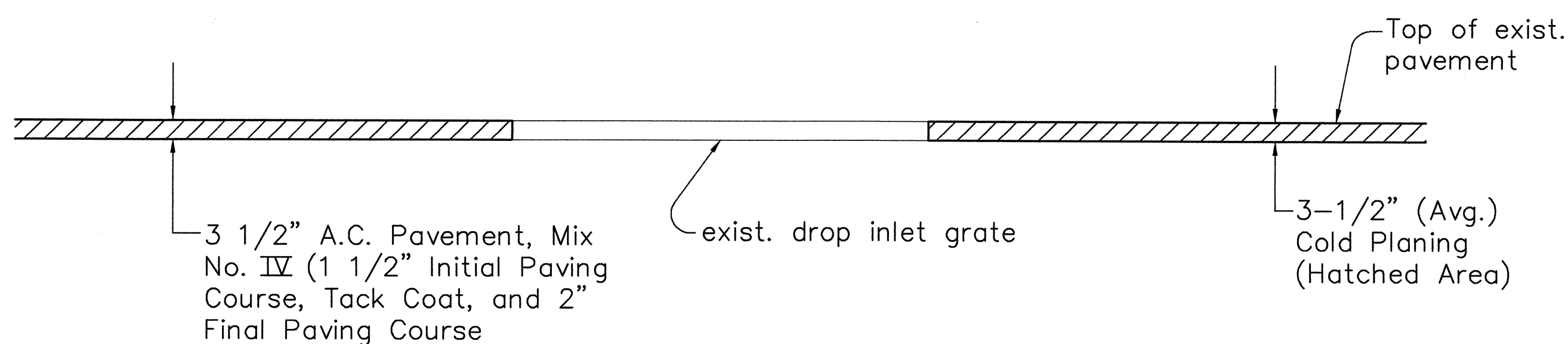
ORIGINAL PLAN No. _____

NOTBOOK No. _____

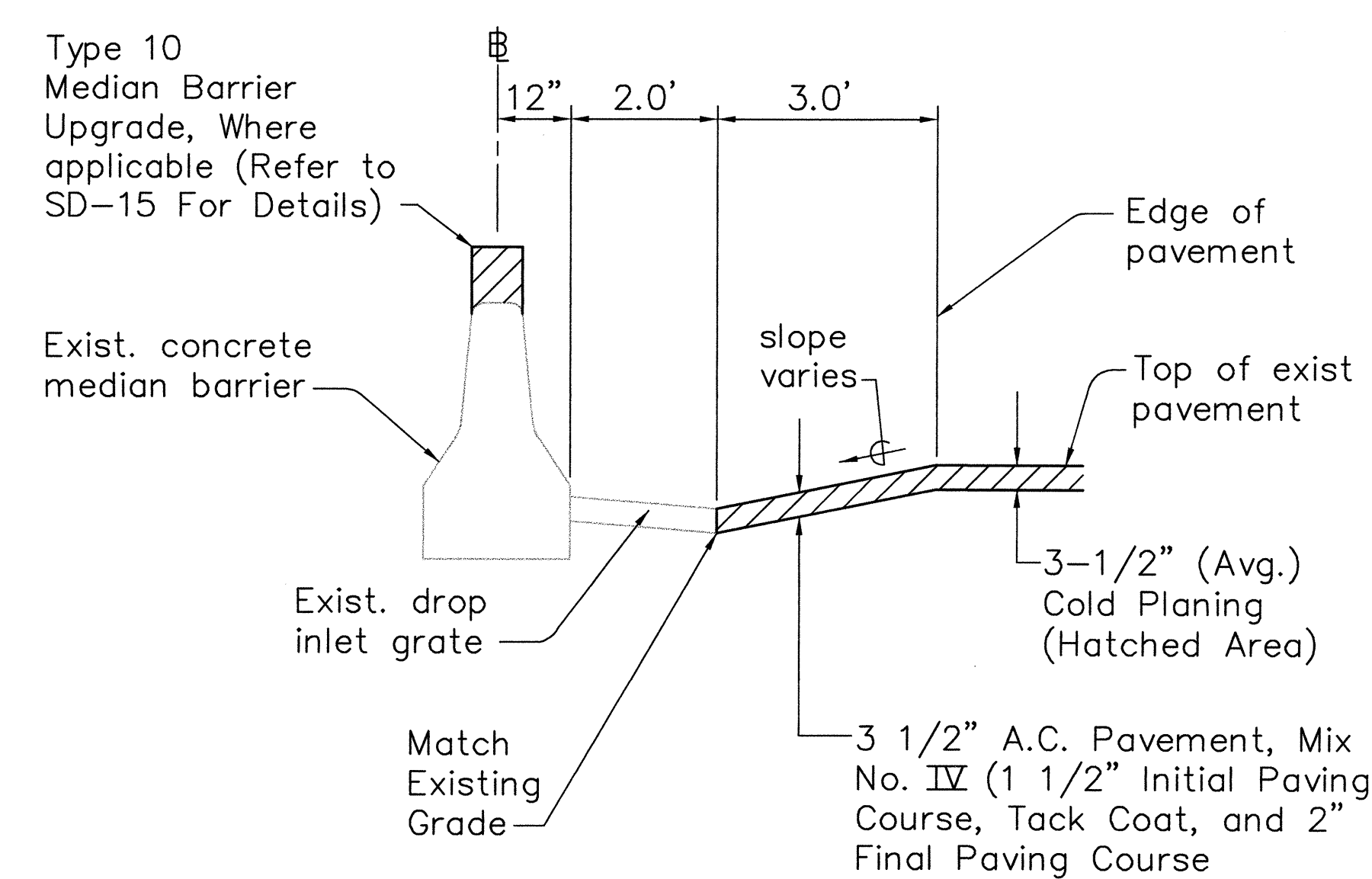
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	9	557



PLAN

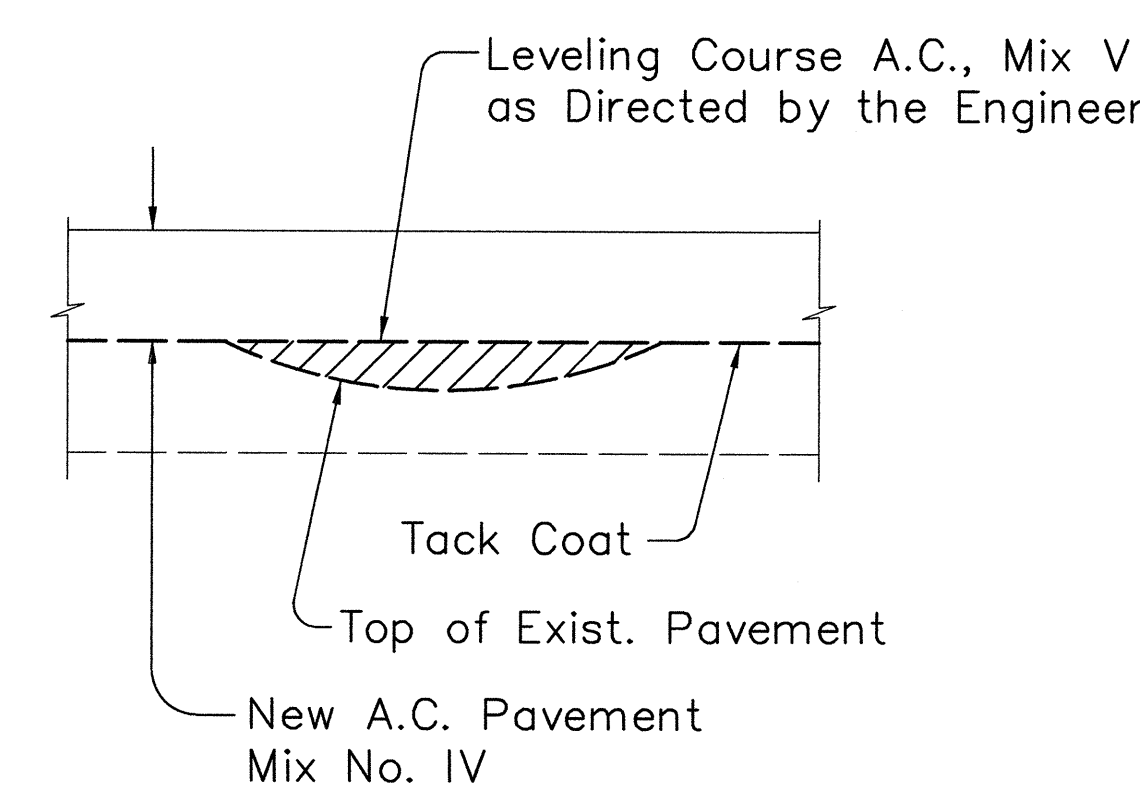


SECTION A - A



SECTION B - B

MEDIAN DROP INLET SECTION
Not to Scale



Note:
All Holes, Depressions and Wheel Ruts Shall be Filled and Compacted With Asphalt Concrete Pavement Mix No. V Prior to Resurfacing. This Work and Preformed Pavement Marking Tape, Where Placed, Will be Paid For Under Pay Item 401.0420, Asphalt Concrete Pavement, Mix No. V - H-1 Freeway and Pay Item 401.0430, Asphalt Concrete Pavement, Mix No. V - Frontage Roads.

LEVELING COURSE DETAIL
Not to Scale

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FREEWAY TYPICAL SECTIONS & DETAILS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I Project No. IM-H1-1(234)

Scale: 1" = 1'-0" Date: June 1, 1999

SHEET NO. C4 OF 20 SHEETS

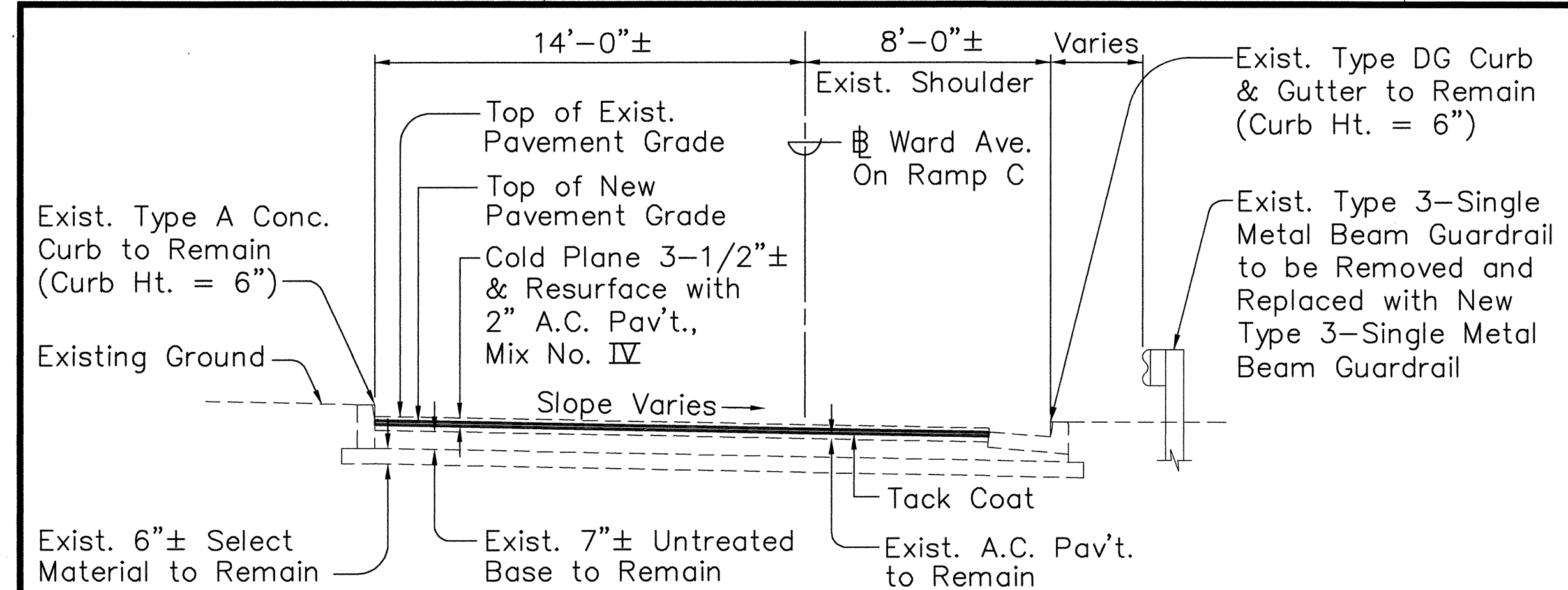
DATE: 06/12/98
SCALE: 1" = 1'-0"
FILE: 9815-07

PM: BST/TCL
OPER: SHA, *FALCDK
REVISED: 08/03/99

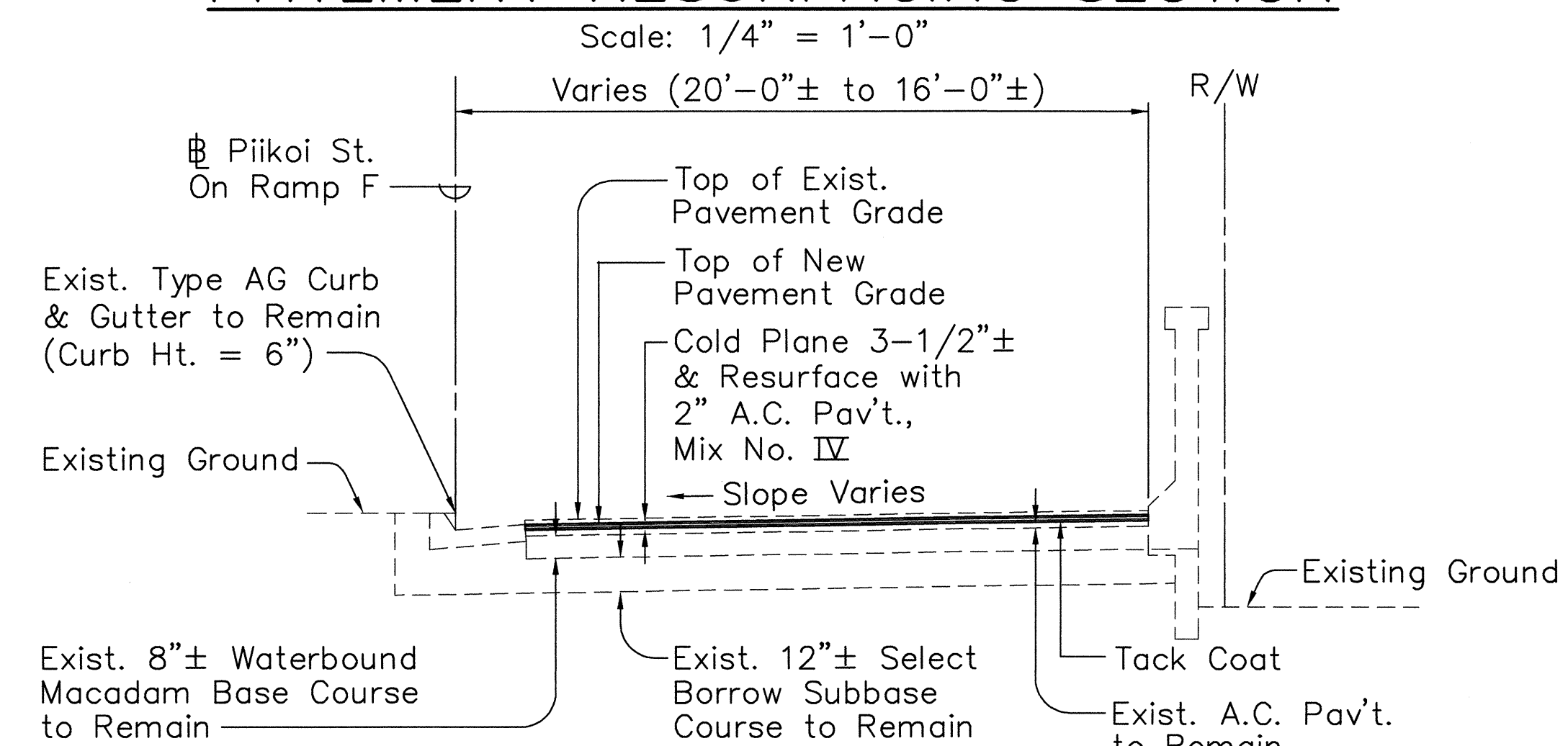
SURVEY PLOTTED BY: _____
DRAWN BY: _____
DESIGNED BY: _____
QUANTITIES BY: _____
CHECKED BY: _____

ORIGINAL PLAN _____
NOTBOOK _____
No. _____

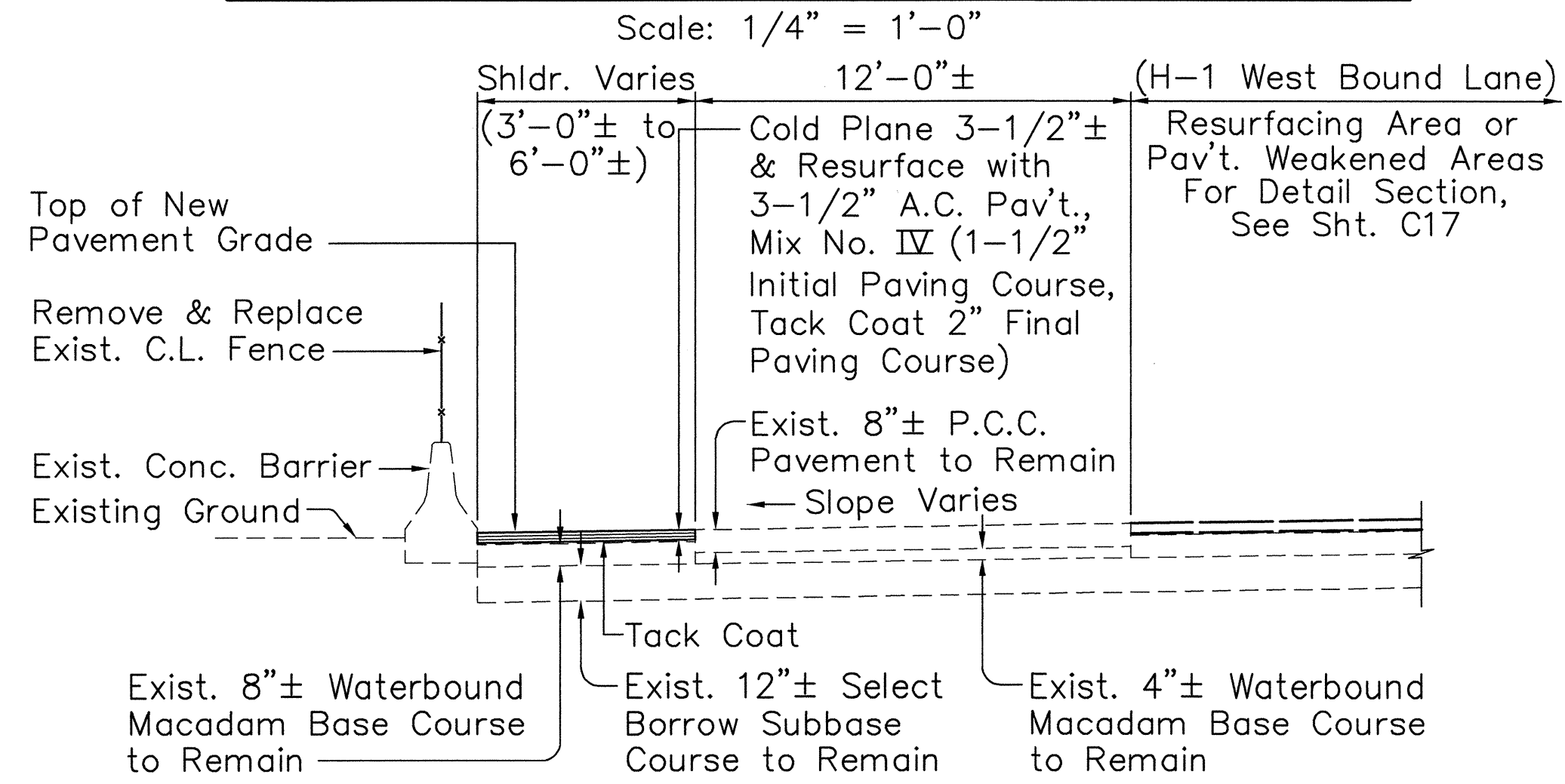
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	10	557



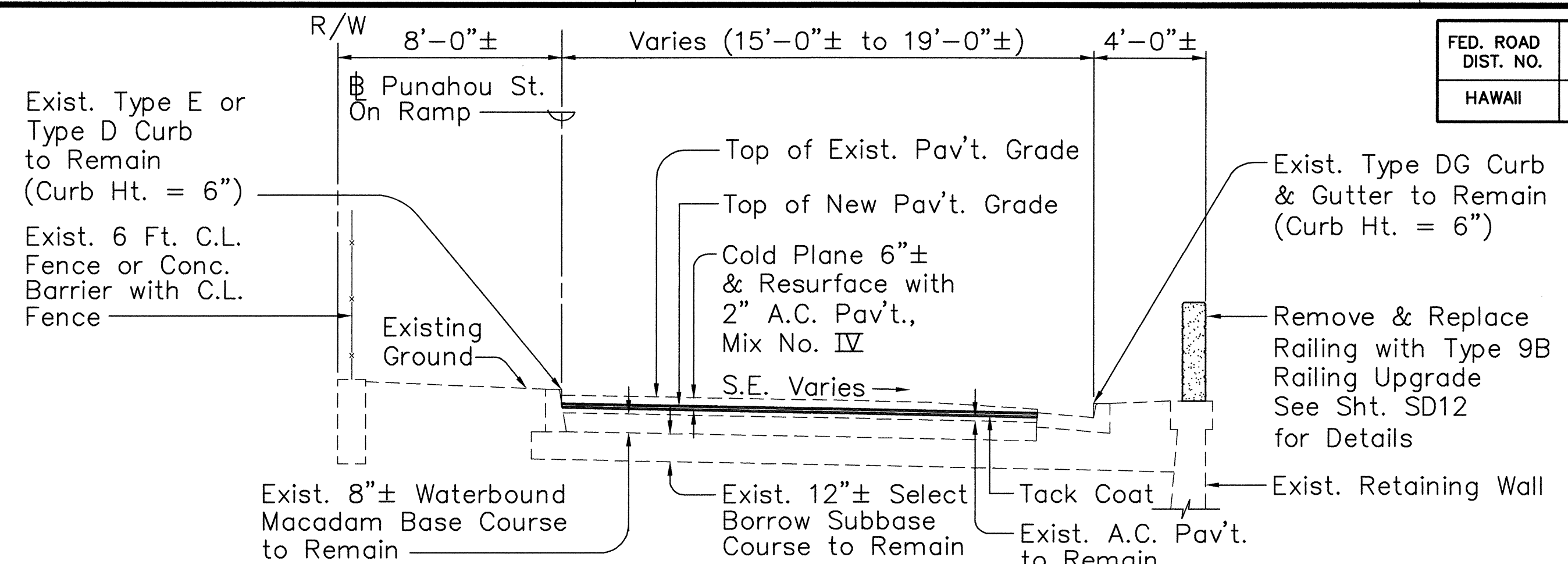
(STA. 1+20± TO STA. 3+40±)
WARD AVE. ON RAMP C
PAVEMENT RESURFACING SECTION



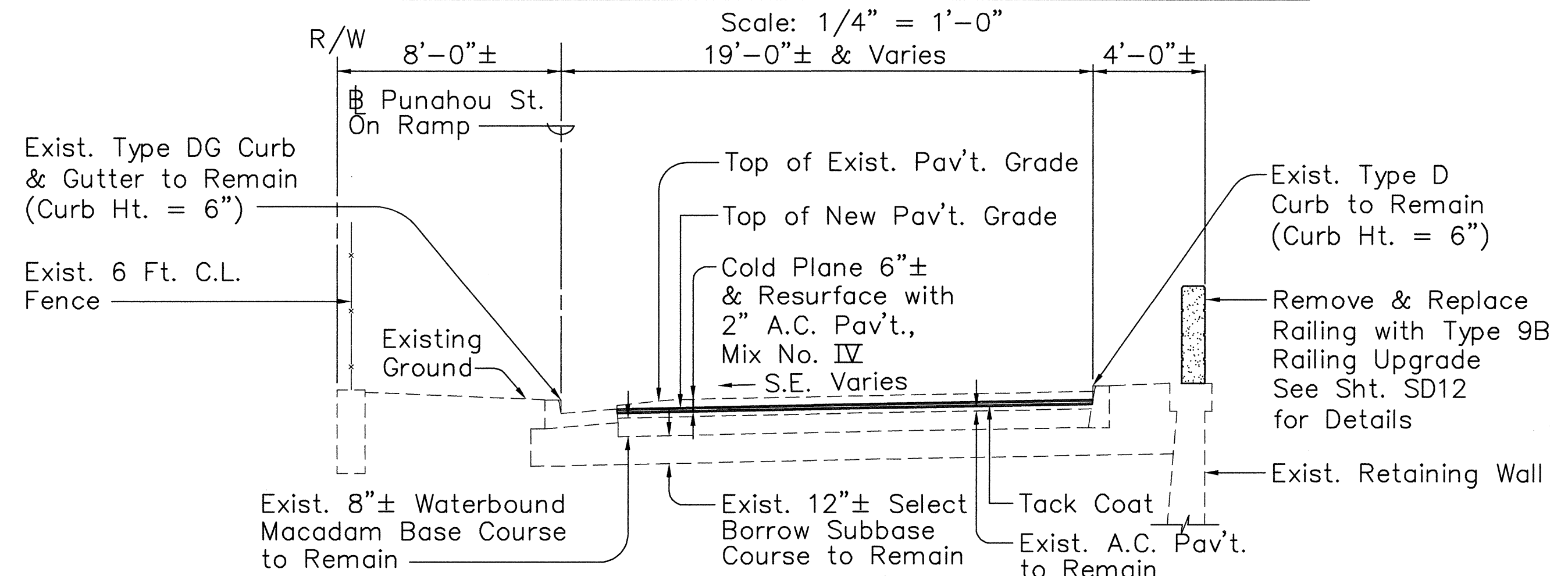
(STA. 16+98.13± TO STA. 22+00±)
PIIKOI ST. ON RAMP F
PAVEMENT RESURFACING SECTION



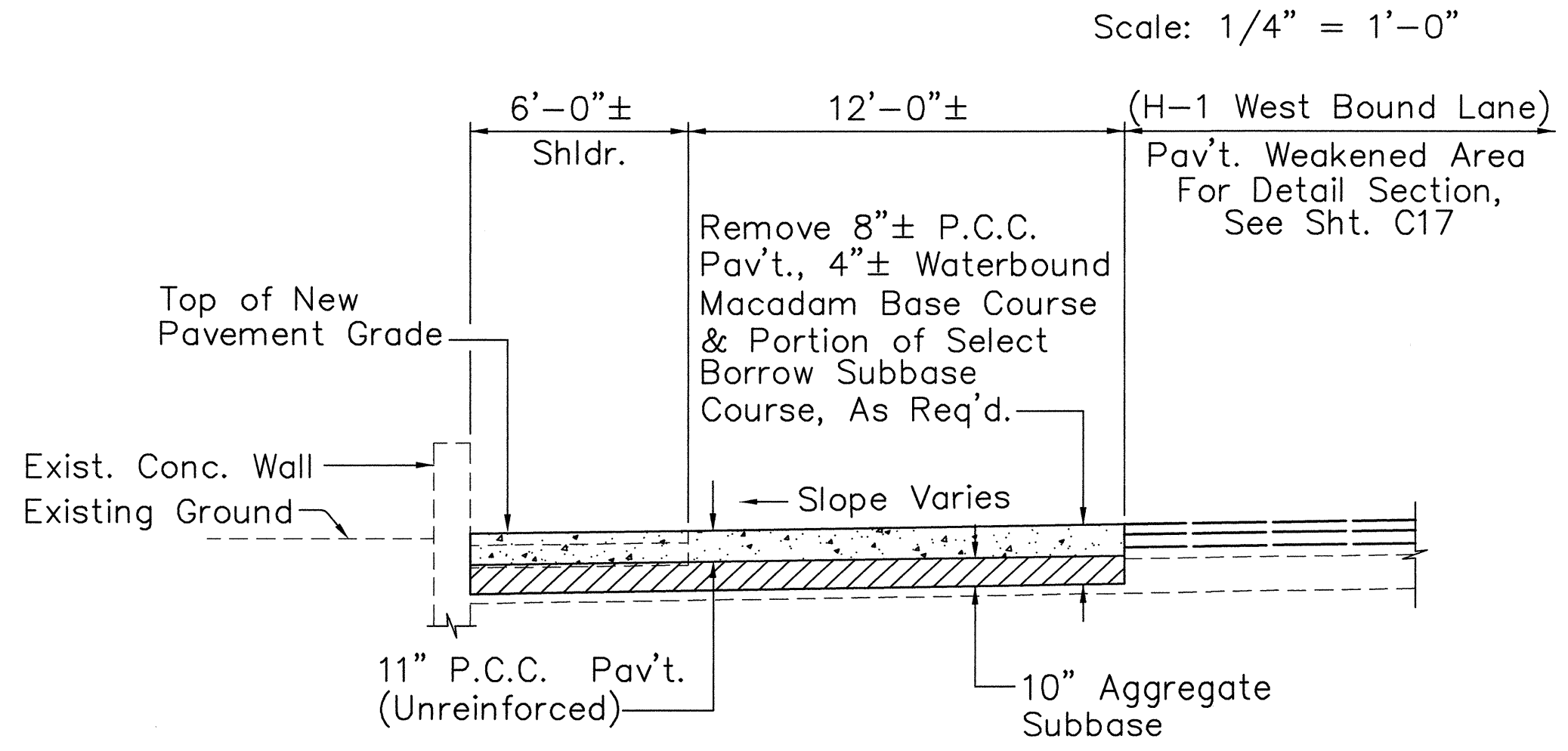
(H-1 ½ STA. 250+92± TO H-1 ½ STA. 253+80±)
ALEXANDER ST. ON RAMP
P.C.C REPAIR PAVEMENT SECTION



(H-1 ½ STA. 240+71± TO H-1 ½ STA. 243+00±)
PUNAHOU ST. ON RAMP
PAVEMENT RESURFACING SECTION



(H-1 ½ STA. 243+50± TO H-1 ½ STA. 245+05±)
PUNAHOU ST. ON RAMP
PAVEMENT RESURFACING SECTION



(H-1 ½ STA. 253+80± TO H-1 ½ STA. 255+70±)
ALEXANDER ST. ON RAMP
P.C.C REPAIR PAVEMENT SECTION

- Notes:
- Existing Type E Curb at Sta. 241+12± (Lt. Side) & Existing Type D Curb at Sta. 240+57.44± (Rt. Side) to Sta. 240+71±.
 - Existing Conc. Barrier with C.L. Fence from Sta. 240+58± to Sta. 241+12± (Lt. Side) not shown.

Note:
Existing Type D Curb on Both Sides from 243+00± to Sta. 243+50±.

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HIGHWAYS DIVISION

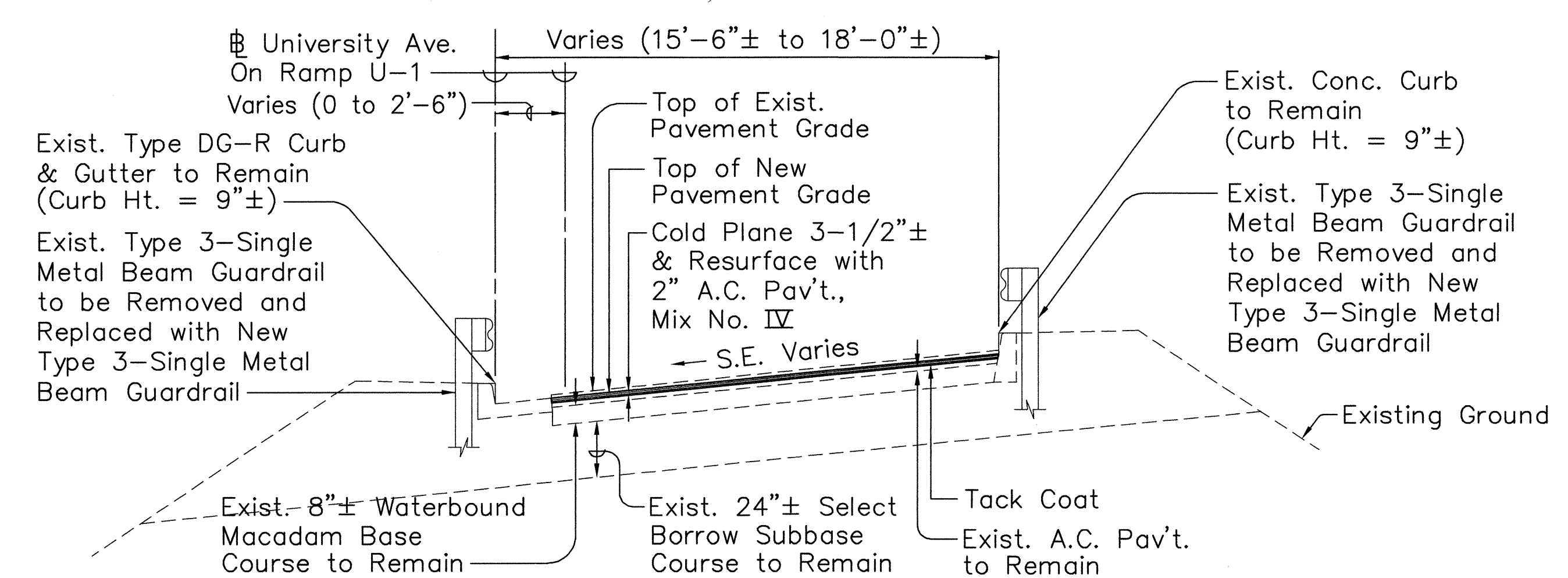
RAMP TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I. Project No. IM-H1-1(234)

Scale: 1/4" = 1'-0" Date: June 1, 1999
SHEET NO. C5 OF 20 SHEETS

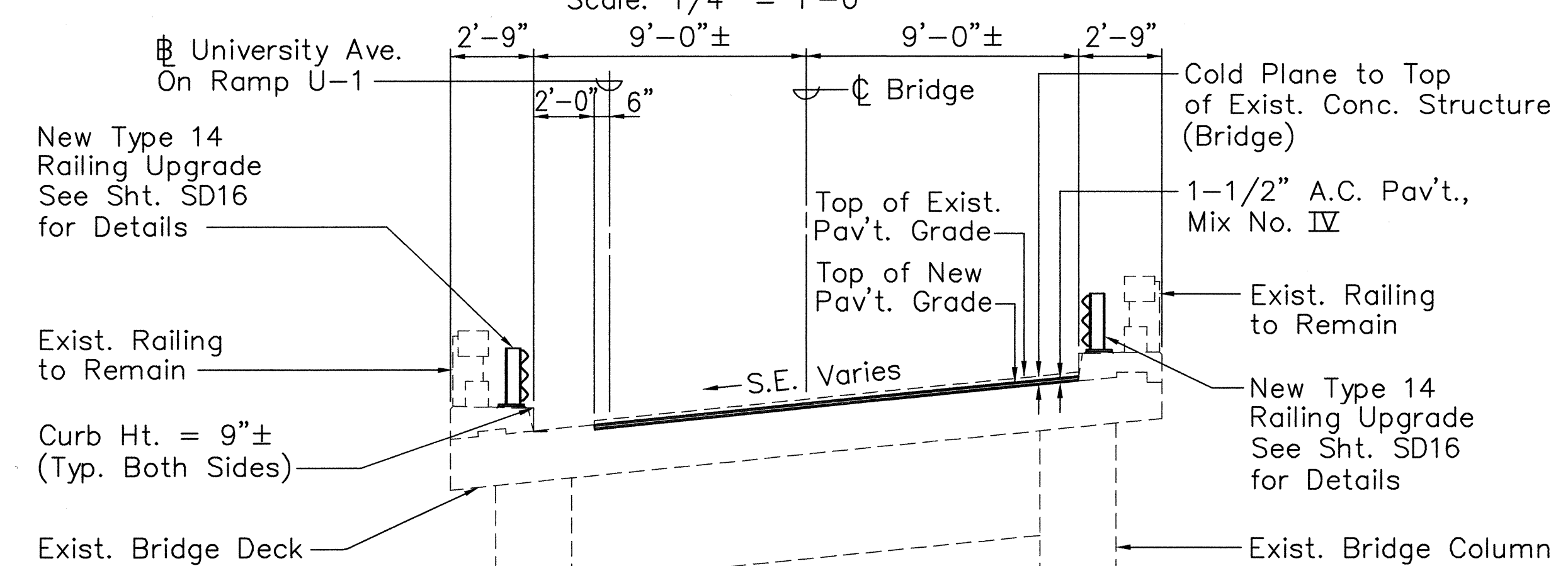
DATE: 03/19/99
 SCALE: 1/4" = 1'-0"
 FILE: 9815-216
 SURVEY PLOTTED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 ORIGINAL PLAN: _____
 NO. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	11	557



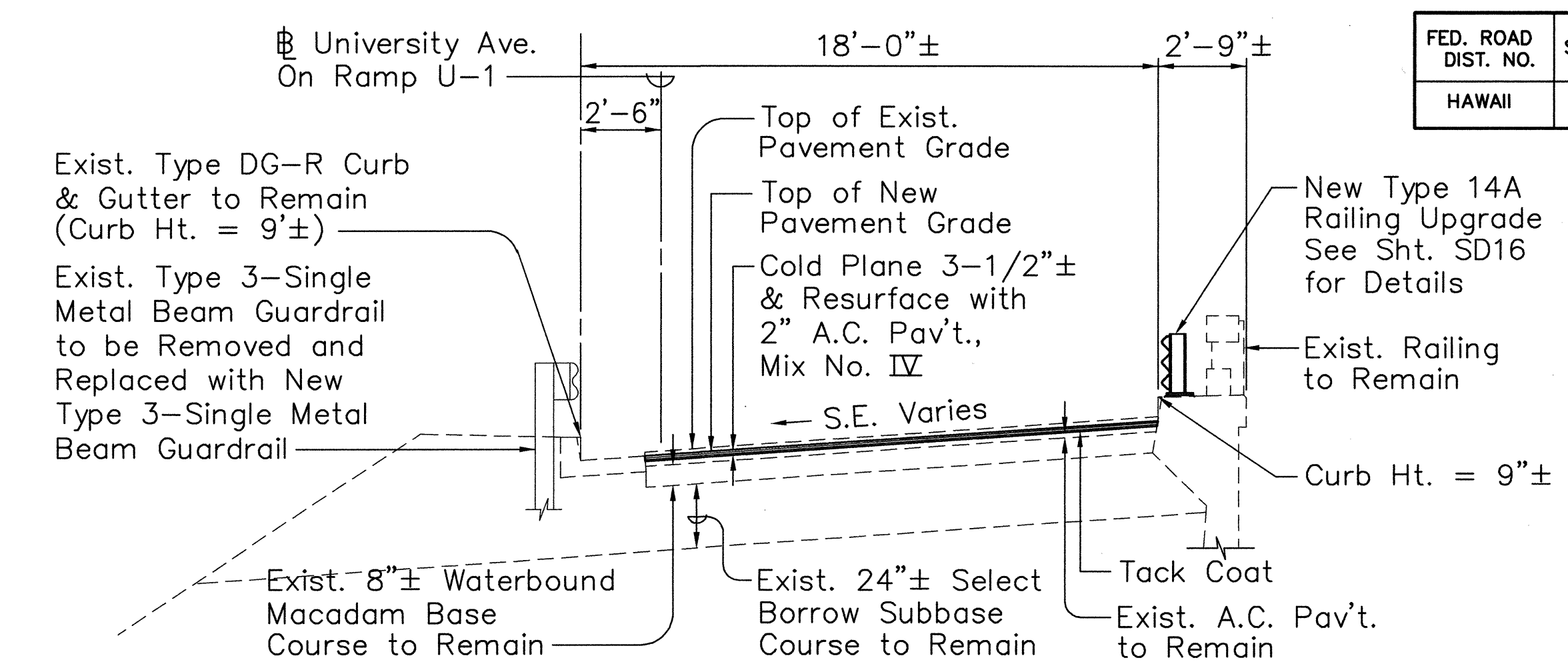
(STA. 2+58± TO STA. 3+21.91±)
UNIVERSITY AVE. ON RAMP (U-1)
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"



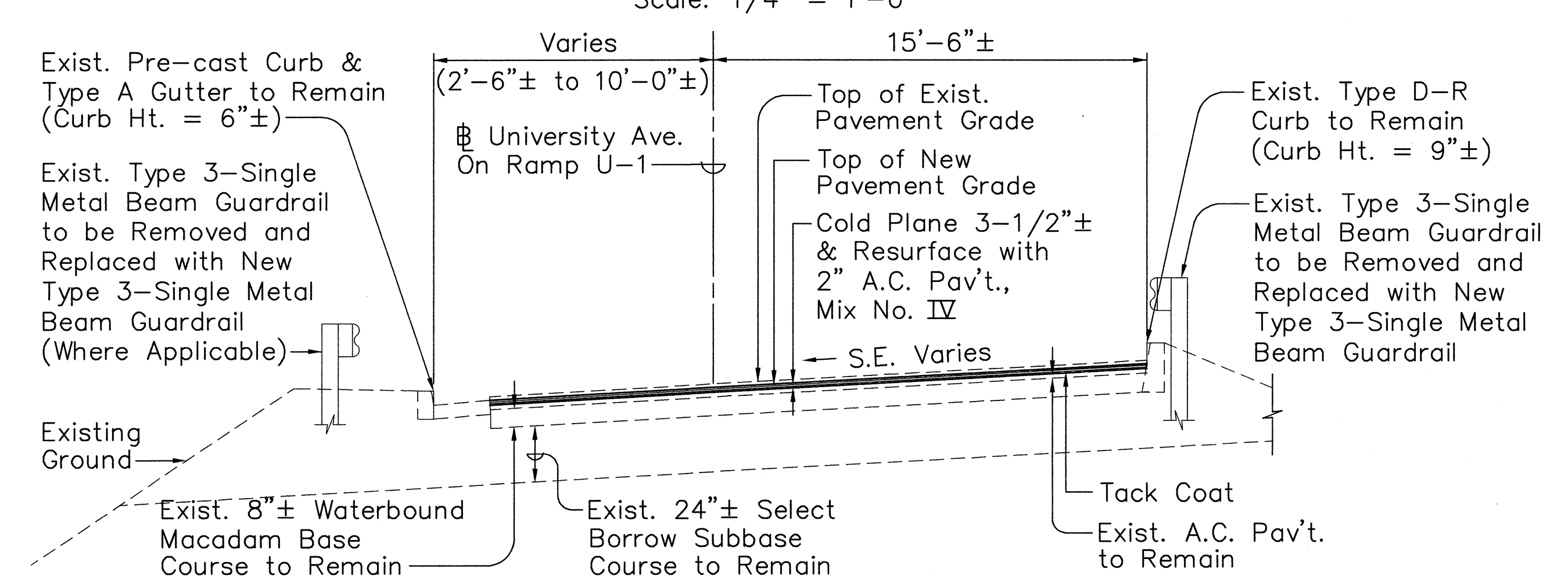
(STA. 3+21.91± TO STA. 5+41.57±)
UNIVERSITY AVE. ON RAMP (U-1)
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"



(STA. 5+41.57± TO STA. 6+55±)
UNIVERSITY AVE. ON RAMP (U-1)
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"



(STA. 6+55± TO STA. 7+75±)
UNIVERSITY AVE. ON RAMP (U-1)
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NO.	

DATE: 03/19/99
SCALE: 1/4" = 1'-0"
FILE: 9815-220

BST
SHA*FAI
OPER:
REVISED: 03/03/99

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Benjamin S. Tanaka

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

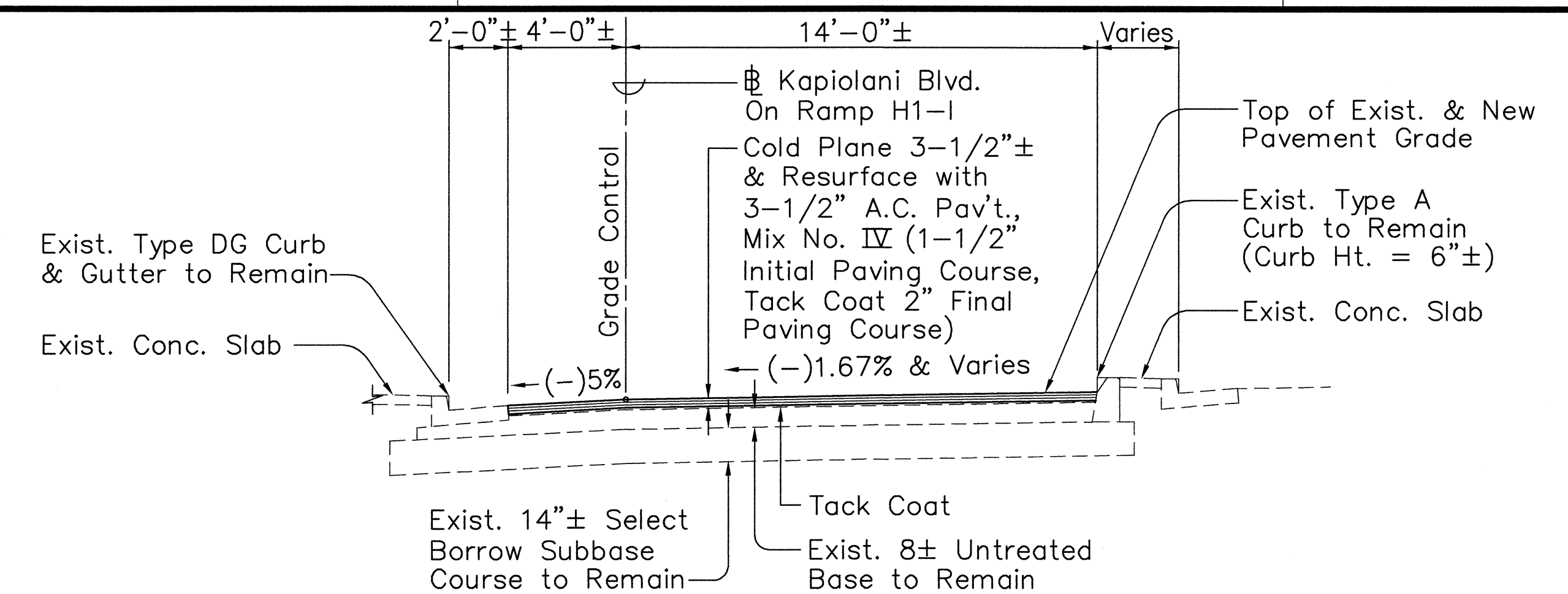
RAMP TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I. Project No. IM-H1-1(234)

Scale: 1/4" = 1'-0" Date: June 1, 1999

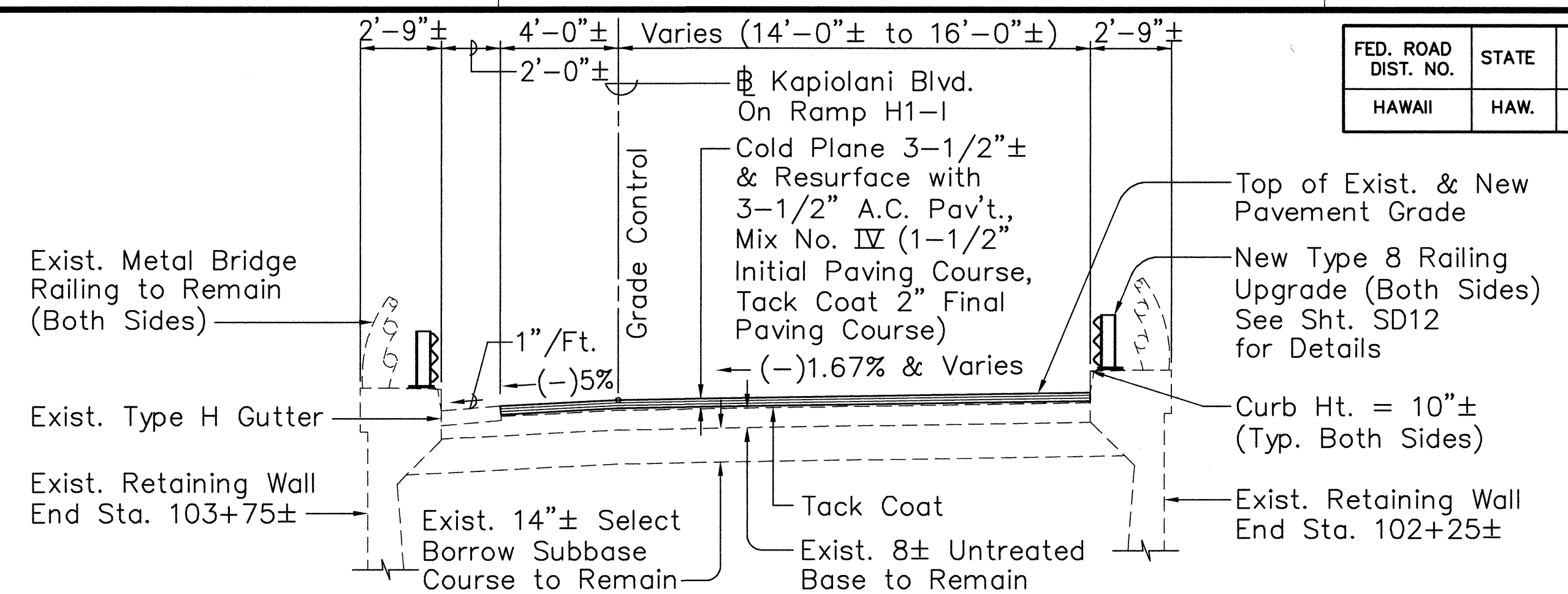
SHEET NO. C6 OF 20 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	13	557



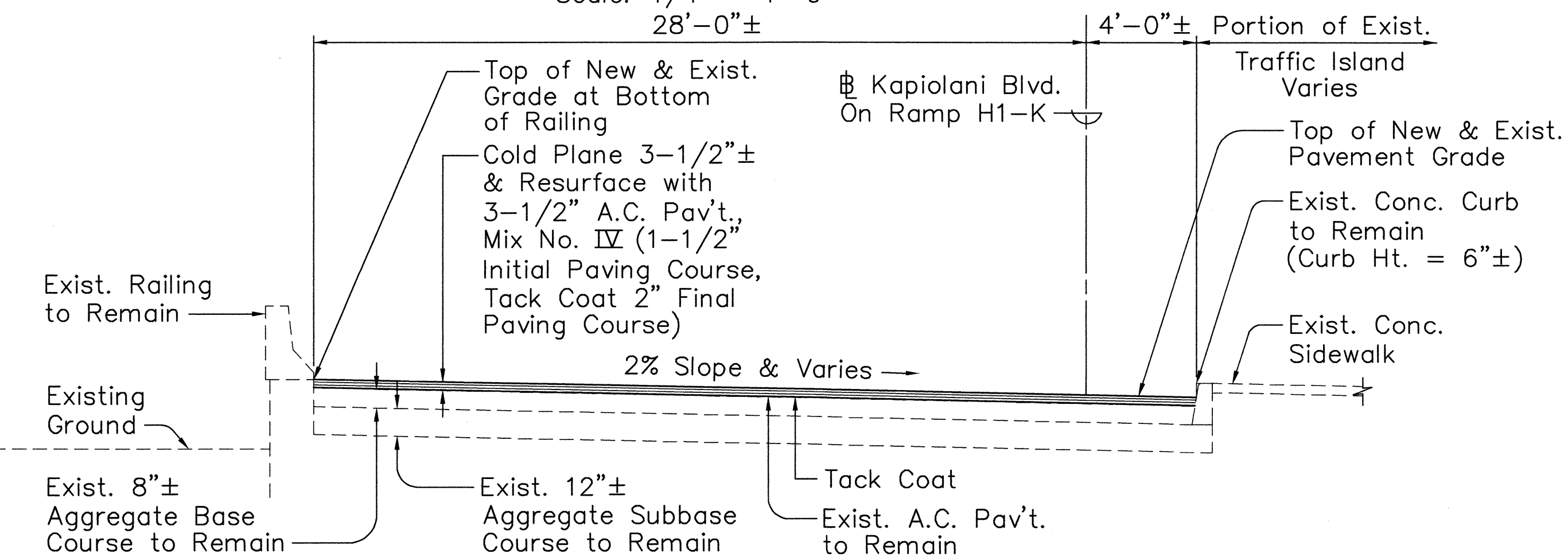
(STA. 101+42± TO STA. 102+25±)
KAPIOLANI BLVD. OFF RAMP H1-I
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"
28'-0"±



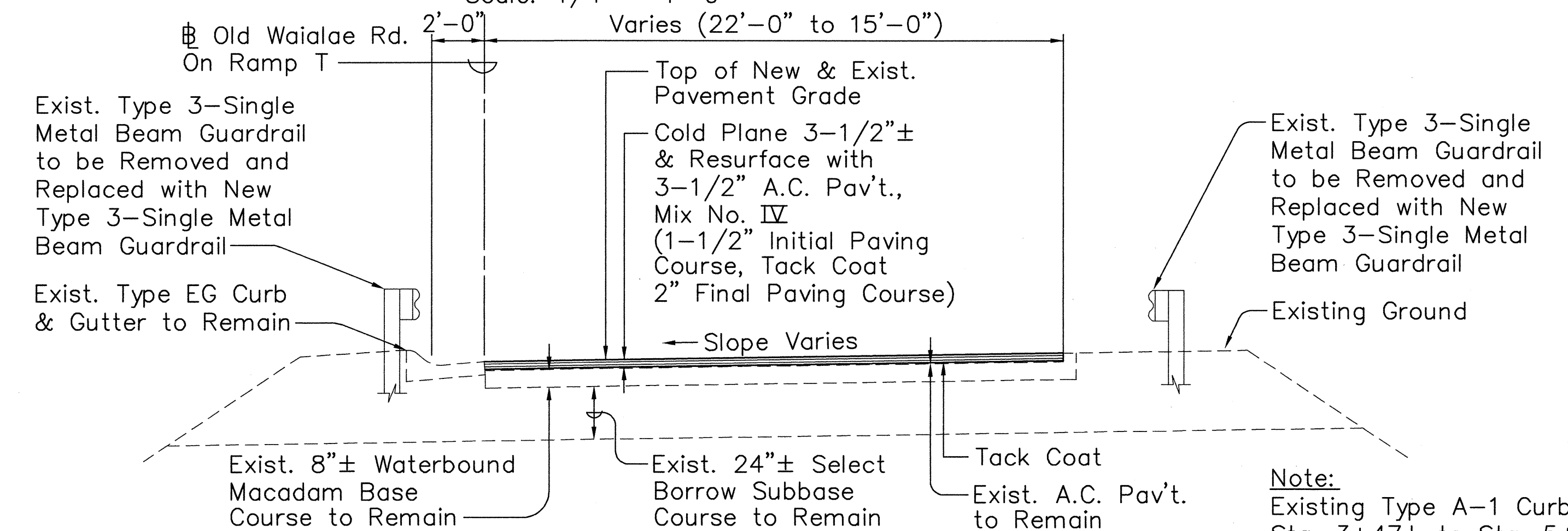
(STA. 102+25± TO STA. 105+02.39±)
KAPIOLANI BLVD. OFF RAMP H1-I
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"
28'-0"±



(STA. 1+07± TO STA. 1+75±)
KAPIOLANI BLVD. ON RAMP H1-K
PAVEMENT RESURFACING SECTION

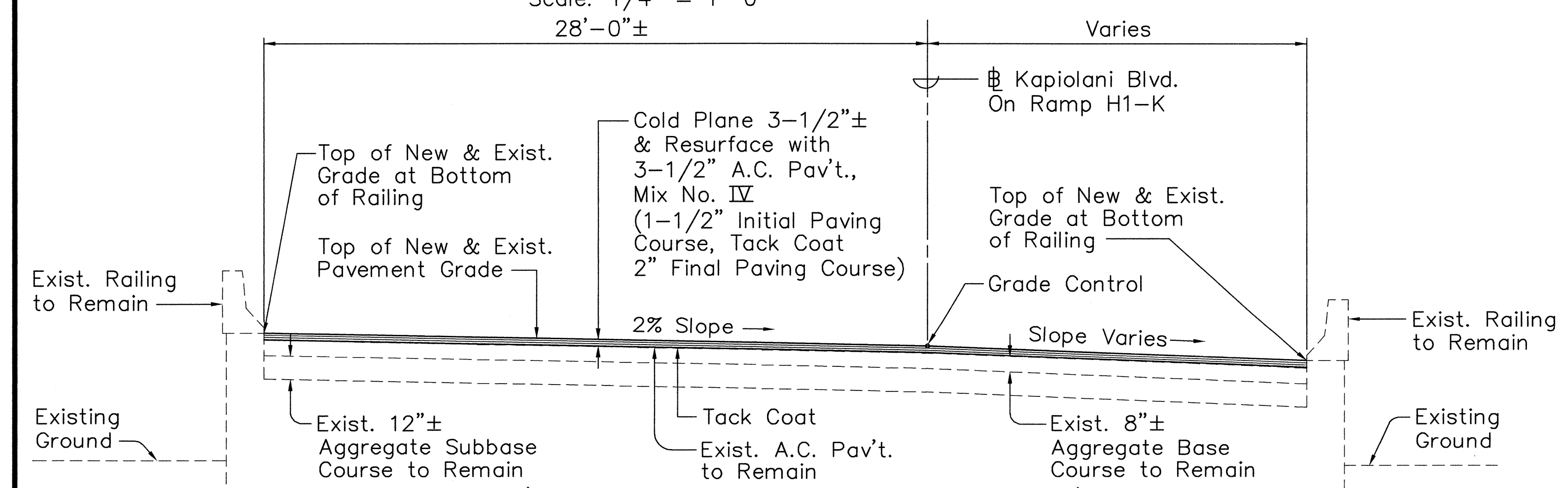
Scale: 1/4" = 1'-0"
28'-0"±



(STA. 3+47± TO STA. 8+00±)
OLD WAIALAE RD. ON RAMP T
PAVEMENT RESURFACING SECTION

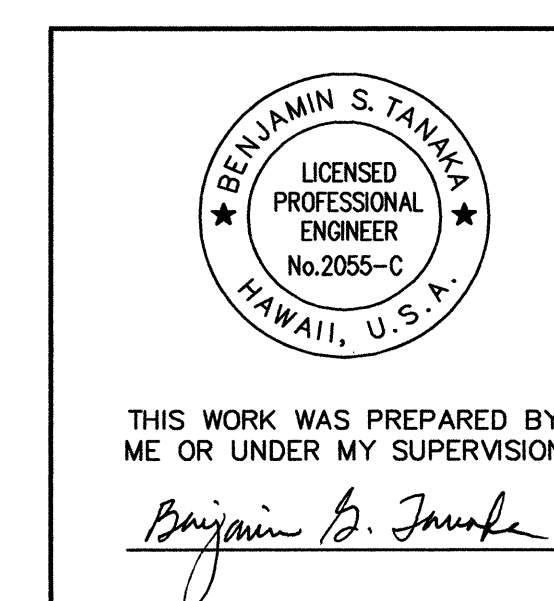
Scale: 1/4" = 1'-0"

Note:
Existing Type A-1 Curb from
Sta. 3+47± to Sta. 5+21± (Rt.)
not shown.



(STA. 2+25± TO STA. 3+25±)
KAPIOLANI BLVD. ON RAMP H1-K
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RAMP TYPICAL SECTIONS
INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I. Project No. IM-H1-1(234)
Scale: 1/4" = 1'-0" Date: June 1, 1999
SHEET NO. C8 OF 20 SHEETS

DATE: 03/19/99
SCALE: 1/4" = 1'-0"
FILE: 9815-222
BSH
SHAF
OPER:
REVISED: 05/03/99
SURVEY PLOTTED BY
DRAWN BY
CHECKED BY
ORIGINAL PLAN
NOTED BY
No.

[illegible]

PENSACOLA STREET PAVEMENT RECONSTRUCTION SECTION
 Scale: 1/4" = 1'-0"

20'-0"± & Varies
 20'-0"± & Varies
 Pensacola St.
 Remove Exist. A.C. Pavt., Asphalt Concrete Base & Portion of Aggregate Subbase, As Required
 3-1/2" A.C. Pav't., Mix No. IV
 Tack Coat
 2.5% Slope
 Slope Varies
 Finish Elev. as Shown on Cross Sections
 Top of Exist. & New Pavement Grade
 Exist. Conc. Curb & Gutter to Remain
 Exist. Conc. Sidewalk
 Exist. Aggregate Subbase to Remain
 13-1/2" Asphalt Concrete Base
 Grade Control

LUNALILO STREET PAVEMENT RECONSTRUCTION SECTION
 Scale: 1/4" = 1'-0"

Existing Lunalilo St.
 Existing Makiki Post Office
 Varies (2'-0"± to 3'-0"±)
 3'-0"
 Remove Exist. A.C. Speed Bump
 New A.C. Speed Bump
 Top of Exist. Conc. Curb
 Exist. A.C. Pav't., to Remain
 8% Slope (Max.)
 Slope Varies
 3-1/2" A.C. Pav't., Mix No. IV
 Remove Exist. A.C. Pav't., Asphalt Conc. Base & Portion of Aggregate Subbase, As Req'd.
 Exist. Conc. Curb & Gutter to Remain
 Exist. Conc. Sidewalk
 Tack Coat
 13-1/2" Asphalt Concrete Base
 Sawcut
 Finish Pav't. Grades as Shown on Detail Roadway Plan
 1-1/2"

Scale: 1/4" = 1'-0"

SHEET NO. 09 OF 20 SHEETS

14

Scale: $1\frac{1}{4}" = 1'-0"$

Existing Lunaliilo St. Existing Makiki Post Office

Exist. Concrete Curb (Beyond)

Remove Exist. A.C. Pav't., Asphalt Conc. Base & Portion of Aggregate Subbase, As Req'd.

3-1/2" A.C. Pav't., Mix No. IV

Slope Varies

Varies (2'-0"± to 3'-0"±)

8% Slope (Max.)

Remove Exist. A.C. Speed Bump

New A.C. Speed Bump

Top of Exist. Conc. Curb

Exist. A.C. Pav't., to Remain

1-1/2"

Tack Coat

13-1/2" Asphalt Concrete Base

Tack Coat

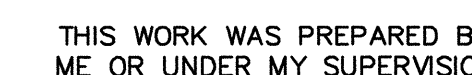
Sawcut

Finish Pav't. Grades as Shown on Detail Roadway Plan

Not to Scale

Note:
These Typical Sections represent the average prevailing conditions. Refer to Detail Roadway Plans and Cross Sections for specific detail requirements.

Note:
These Typical Sections represent the average prevailing conditions. Refer to Detail Roadway Plans and Cross Sections for specific detail requirements.



Benjamin G. Javala

LUNALILO ST. TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING

F.A.I. Project No. IM-H1-1(234)

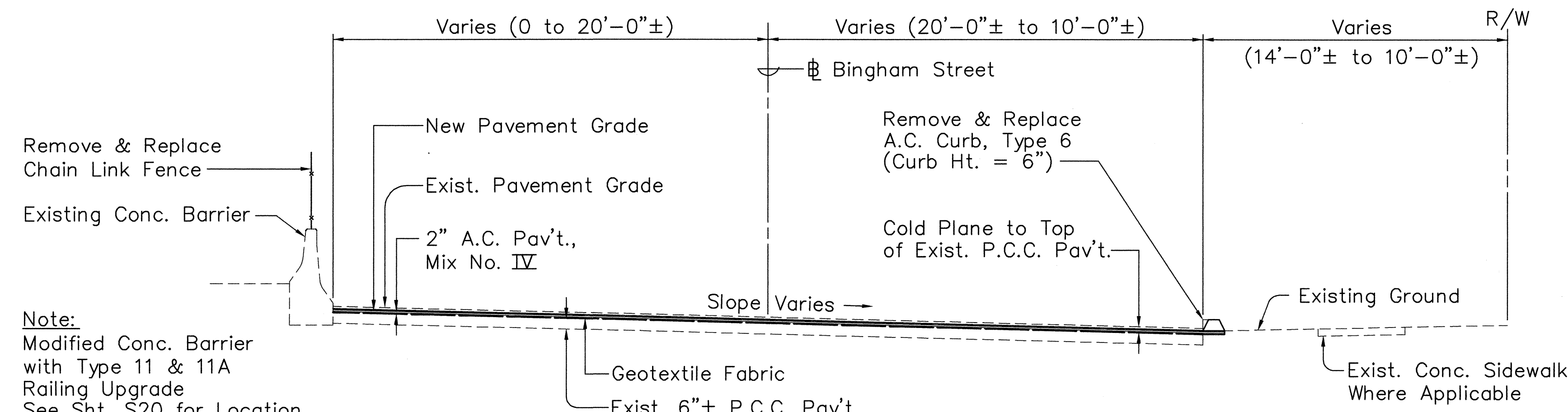
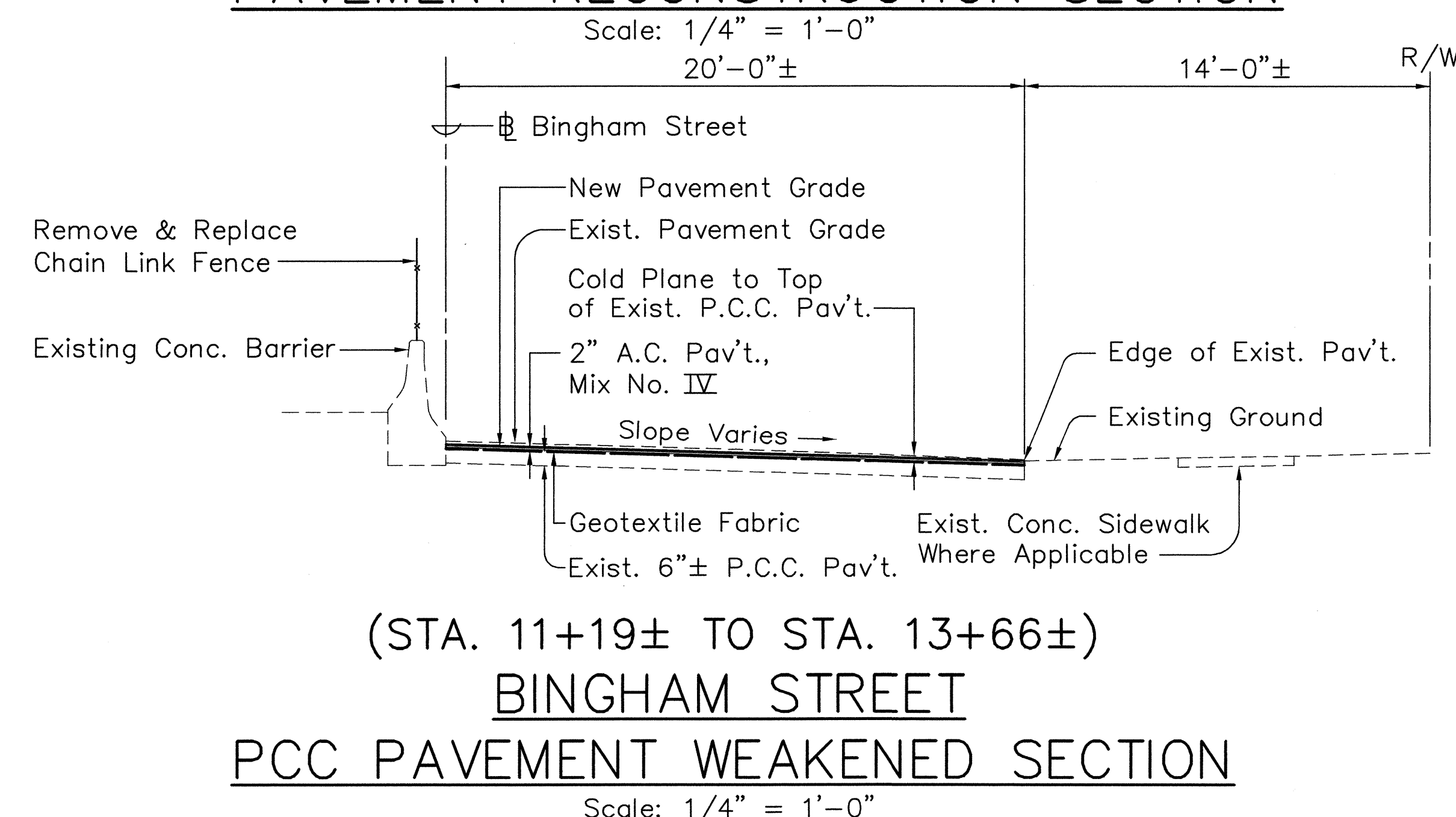
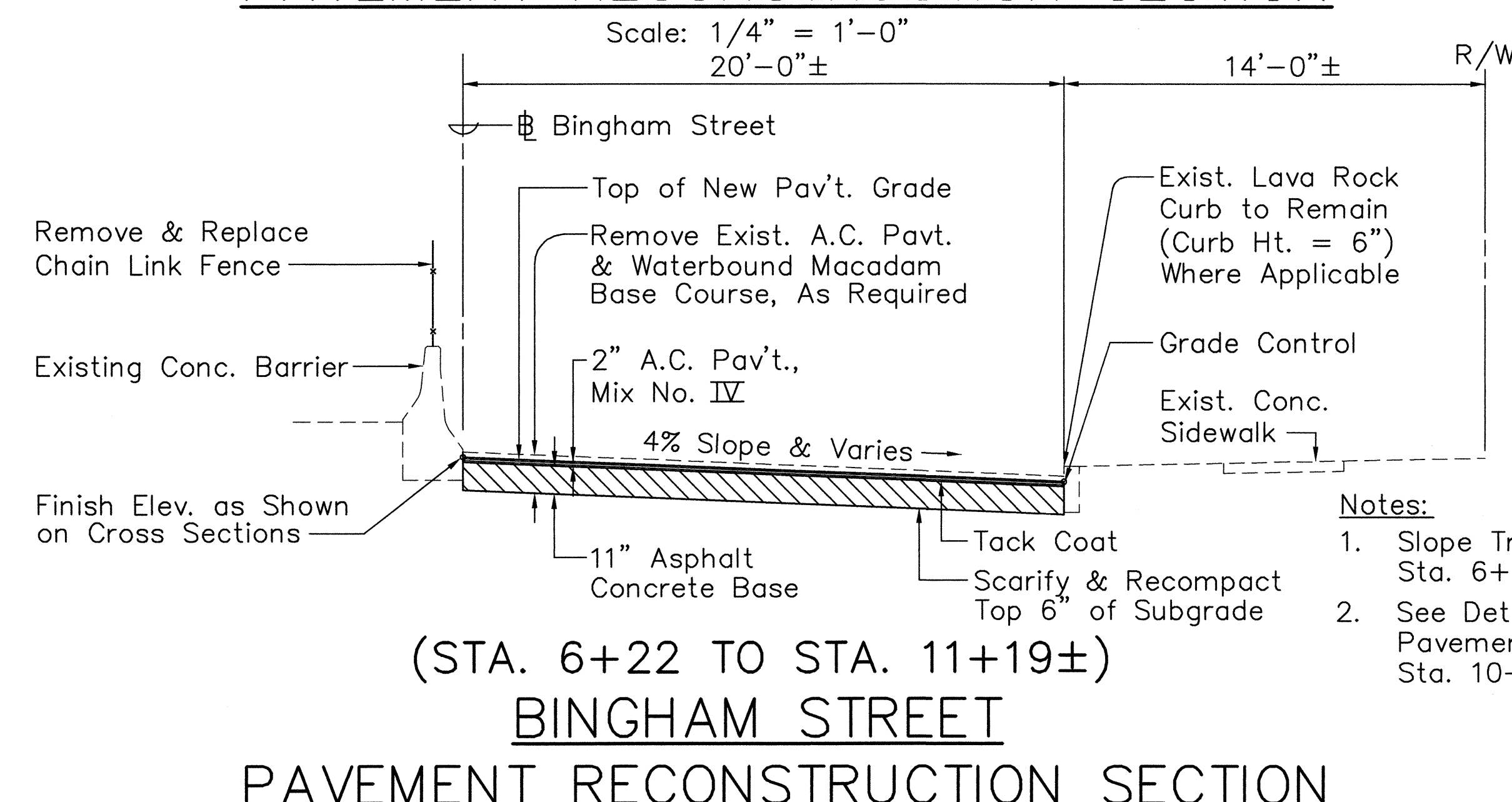
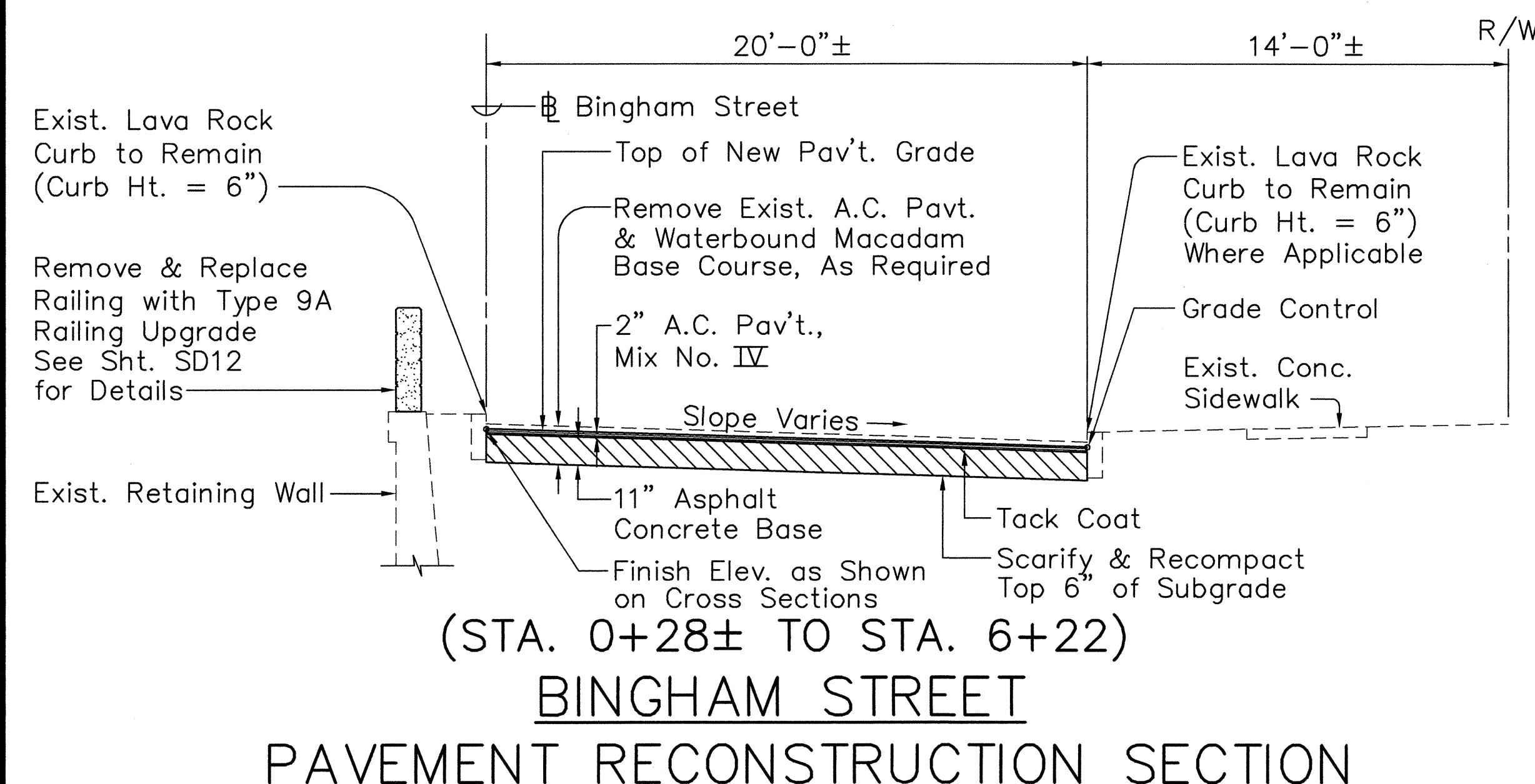
Scale: $1/4" = 1'-0"$ Date: June 1, 1999

SHEET NO. C9 OF 20 SHEETS

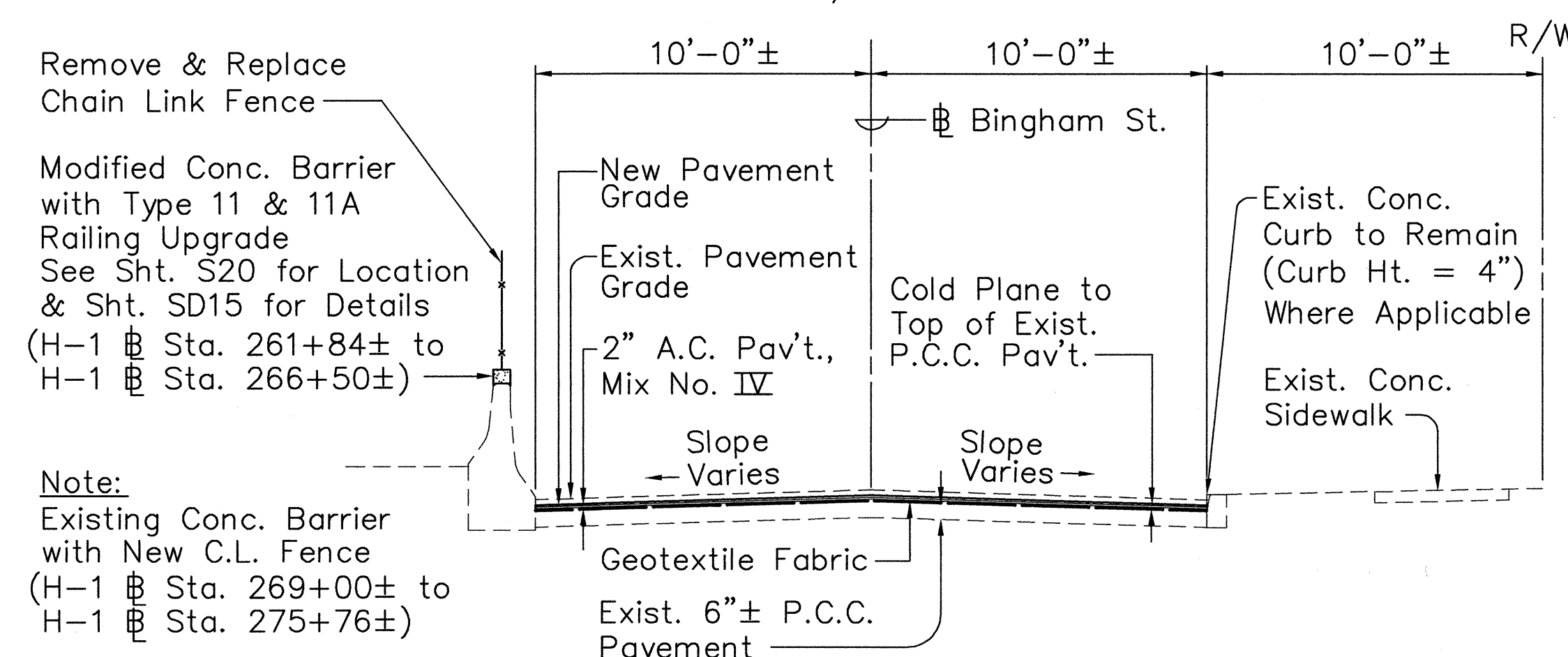
DATE: 03/19/99
SCALE: 1/4" = 1'-0"
FILE: 9815-223

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____	
	DRAWN BY _____	
NOTEBOOK	TRACED BY _____	
	DESIGNED BY _____	
	QUANTITIES BY _____	
	CHECKED BY _____	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	15	557

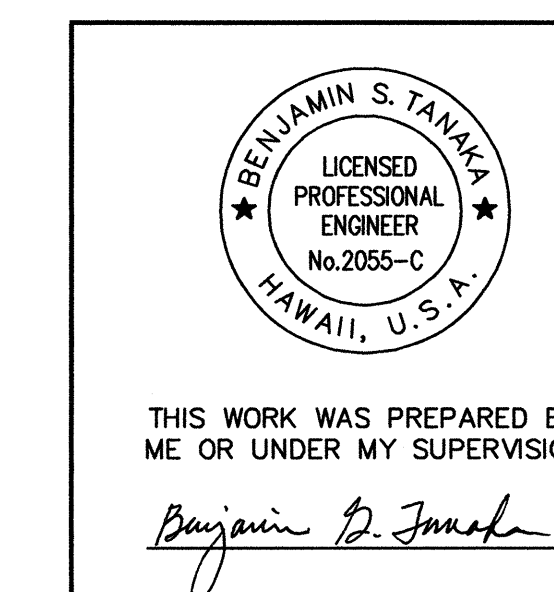


Note:
Modified Conc. Barrier with Type 11 & 11A Railing Upgrade See Sht. S20 for Location & Sht. SD15 for Details (H-1 Sta. 261+84± to H-1 Sta. 266+50±)



Note:
Existing Conc. Barrier with New C.L. Fence (H-1 Sta. 269+00± to H-1 Sta. 275+76±)

Note:
These Typical Sections represent the average prevailing conditions. Refer to Detail Roadway Plans and Cross Sections for specific detail requirements.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BINGHAM ST. TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I. Project No. IM-H1-1(234)

Scale: 1/4" = 1'-0" Date: June 1, 1999

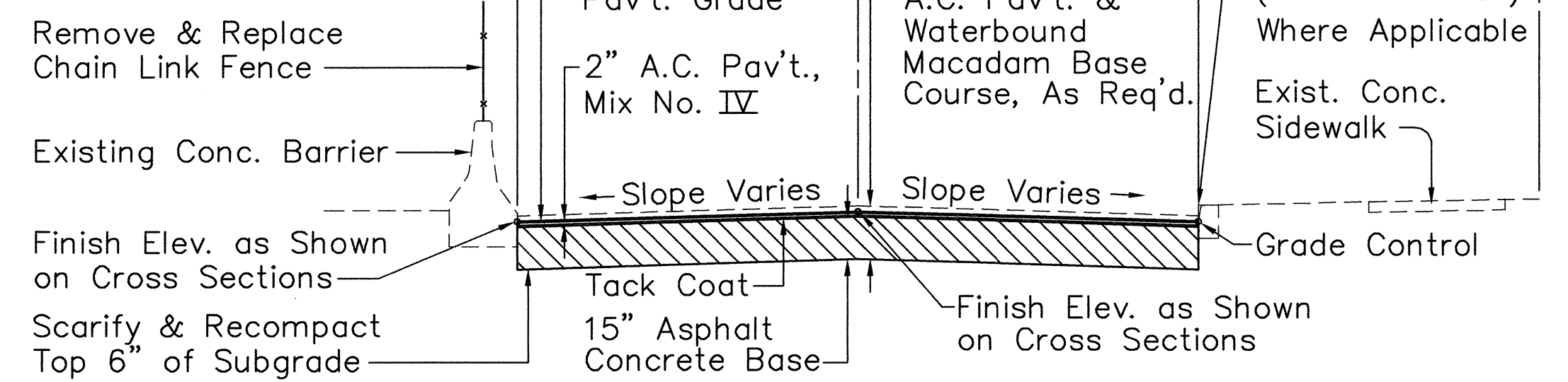
SHEET NO. C10 OF 20 SHEETS

DATE	03/19/99
BY	SHY*FAI
SCALE	1/4" = 1'-0"
FILE	9815-224
REVISION	REVISED: 05/03/99
SURVEY PLOTTED BY	
DRAWN BY	
CHECKED BY	
ORIGINAL PLAN	
NOTEBOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	16	557

Notes:

- Curb Ht. Transition (4" to 6") between Sta. 30+57± to Sta. 30+80.
- See Roadway Plan for Pavement Grades between Sta. 31+48 to Sta. 32+12.

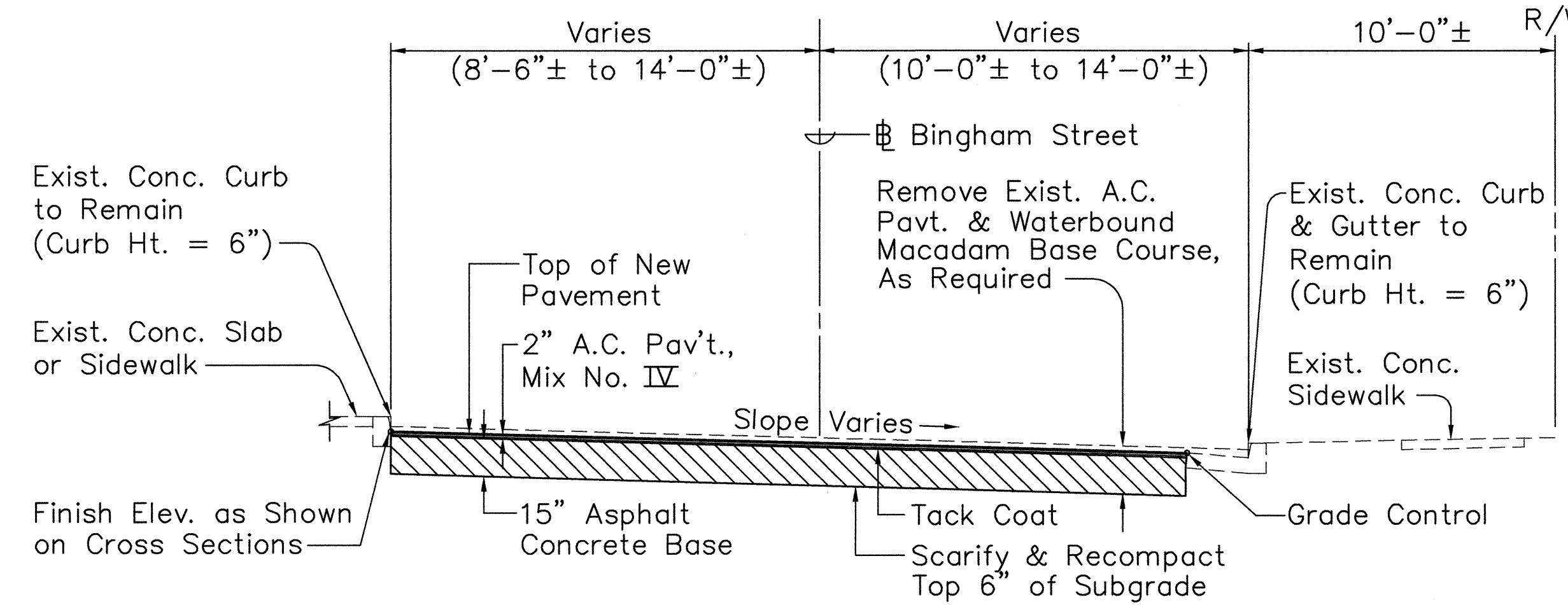


(STA. 30+57± TO STA. 32+50±)

BINGHAM STREET

PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"



(STA. 36+28± TO STA. 39+68±)

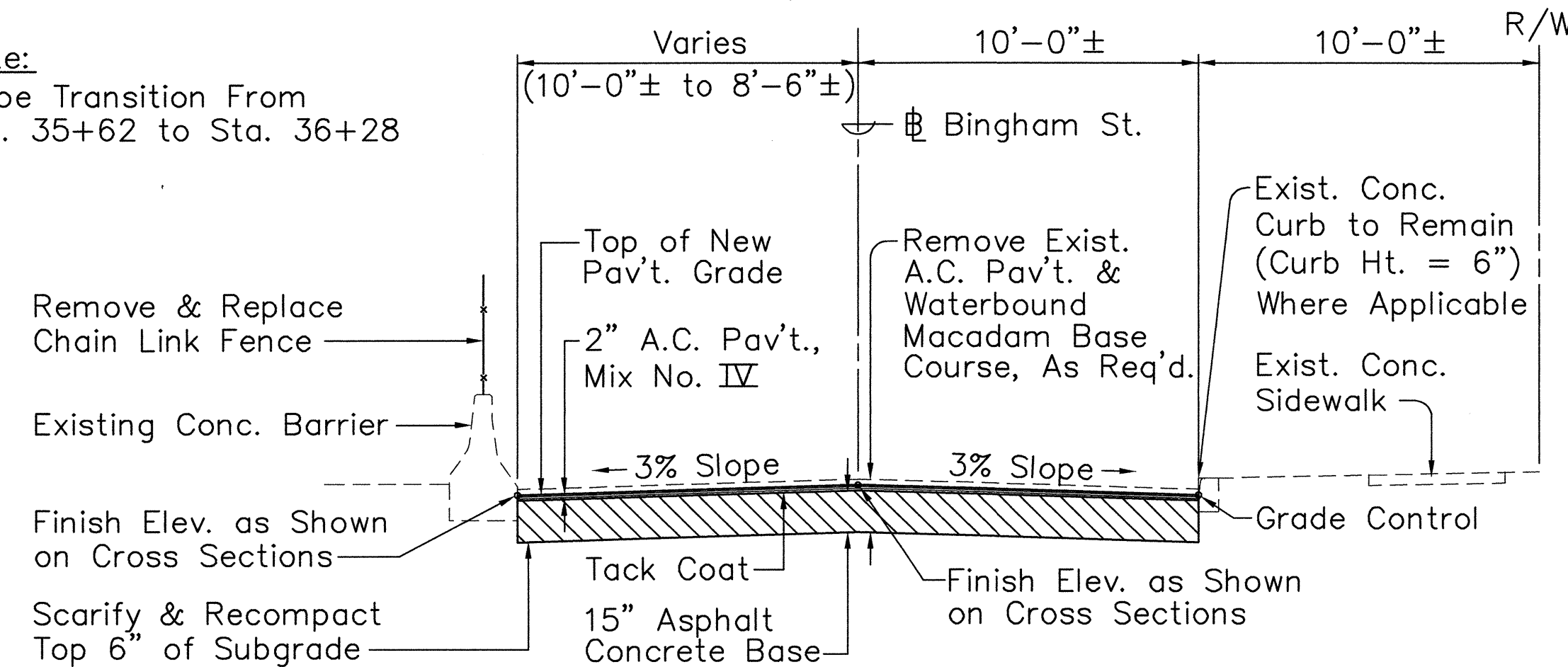
BINGHAM STREET

PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"

Note:

Slope Transition From Sta. 35+62 to Sta. 36+28

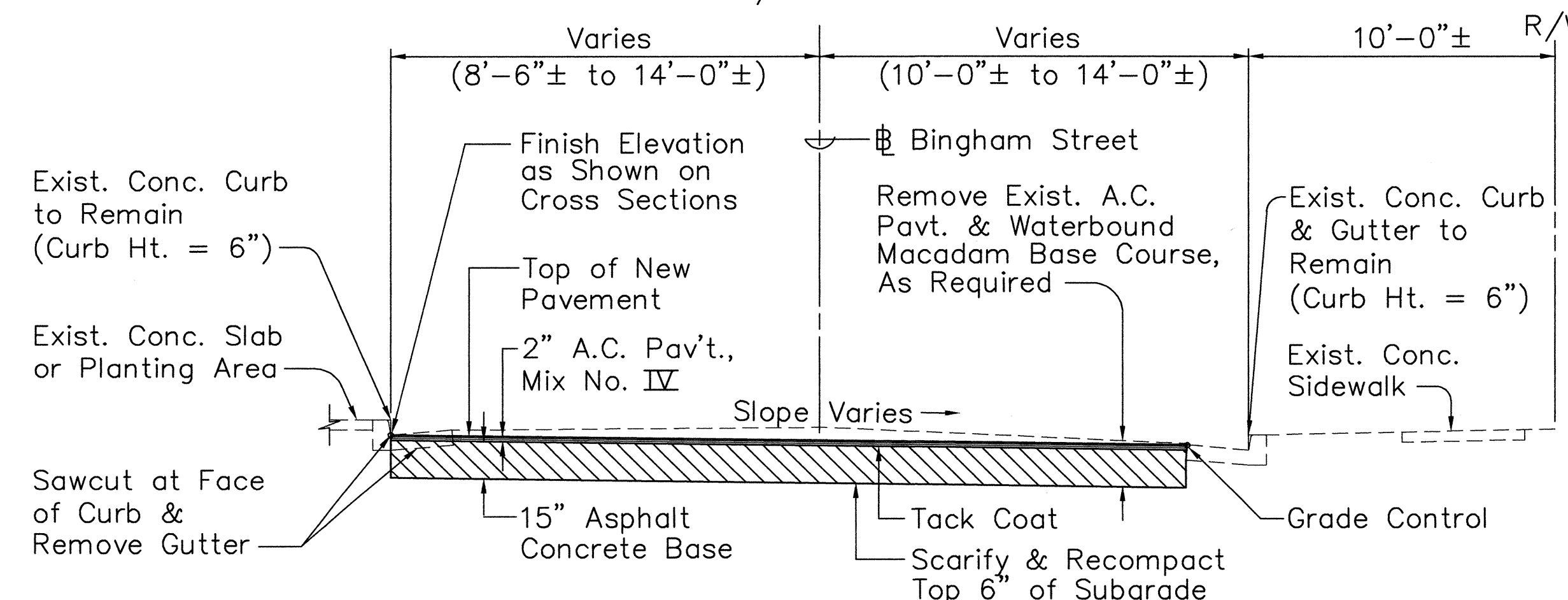


(STA. 32+50± TO STA. 36+28±)

BINGHAM STREET

PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"

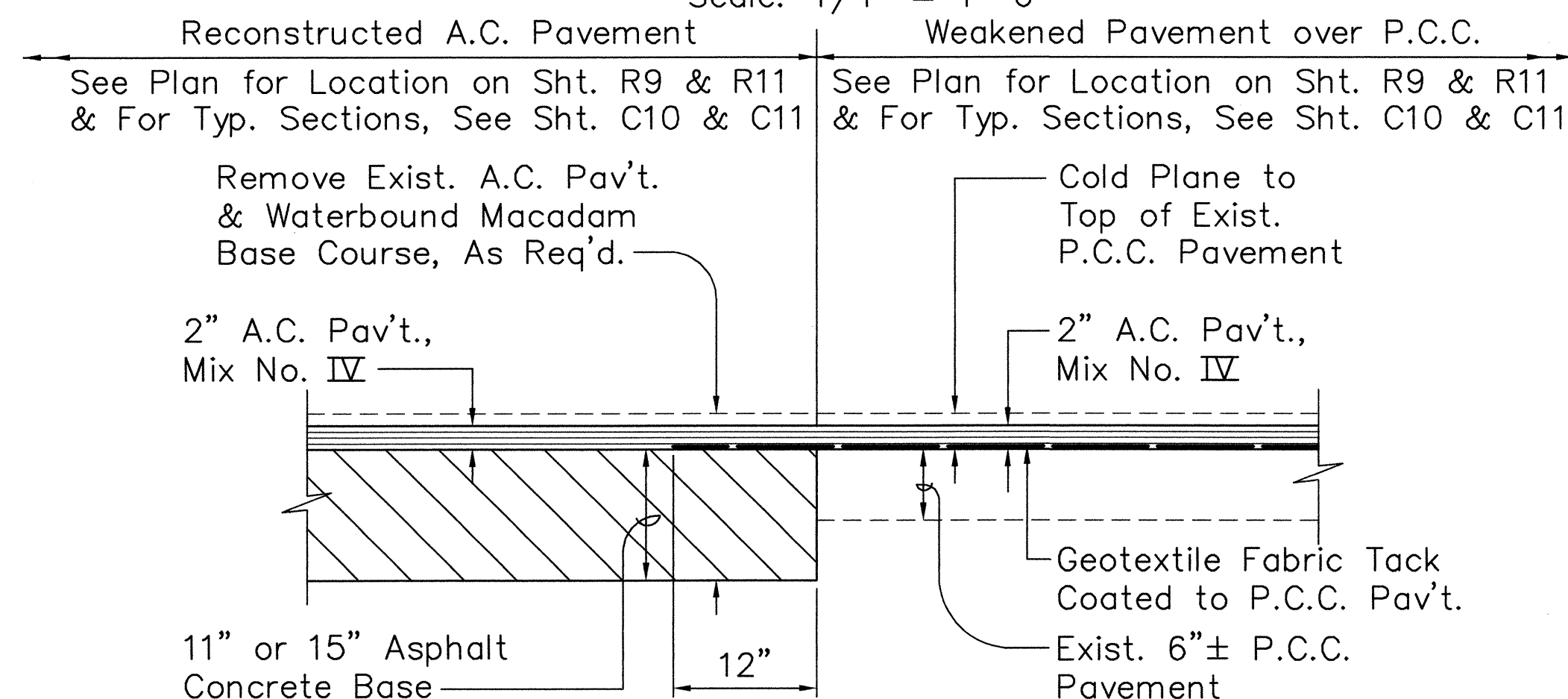


(STA. 39+68± TO STA. 40+75.61±)

BINGHAM STREET

PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"



BINGHAM STREET
WEAKENED PAVEMENT OVER
EXISTING P.C.C. PAVEMENT DETAIL

Not to Scale

Notes:

- These Typical Sections represent the average prevailing conditions. Refer to Detail Roadway Plans and Cross Sections for specific detail requirements.
- For pavement reconstruction sections on Bingham Street, Sta. 0+28 to Sta. 11+19, and, Sta. 30+57 to Sta. 40+75, the Contractor shall notify and coordinate access to driveways affected during the working day.

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

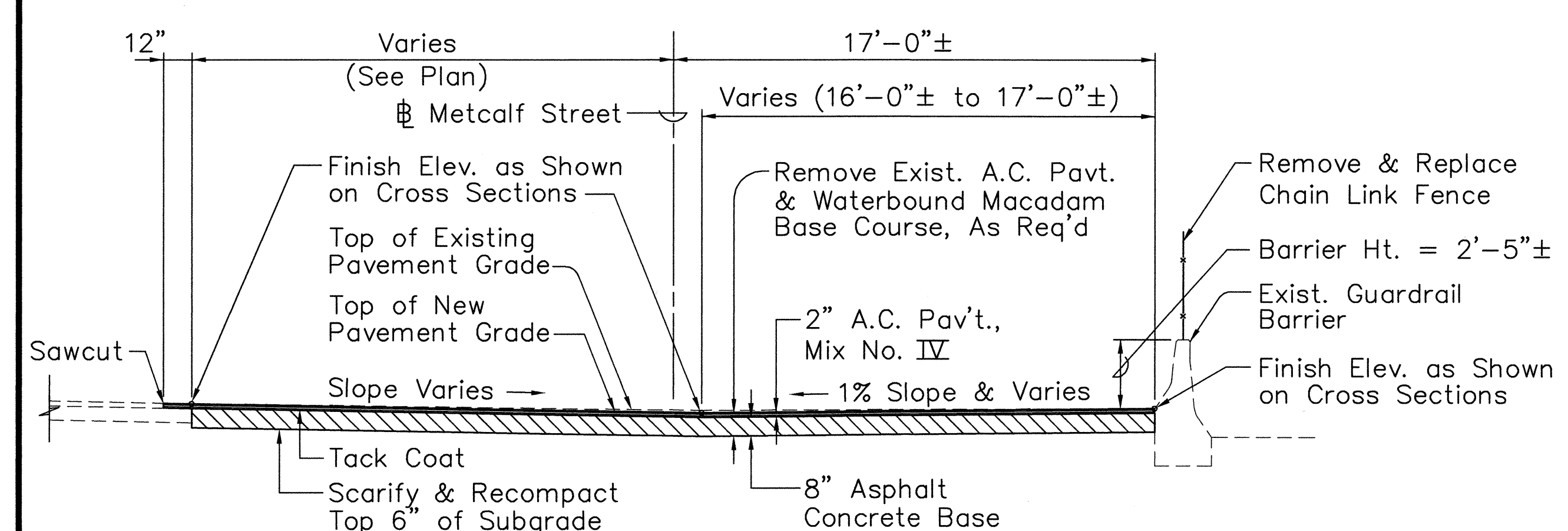
BINGHAM ST. TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I. Project No. IM-H1-1(234)

Scale: 1/4" = 1'-0" Date: June 1, 1999

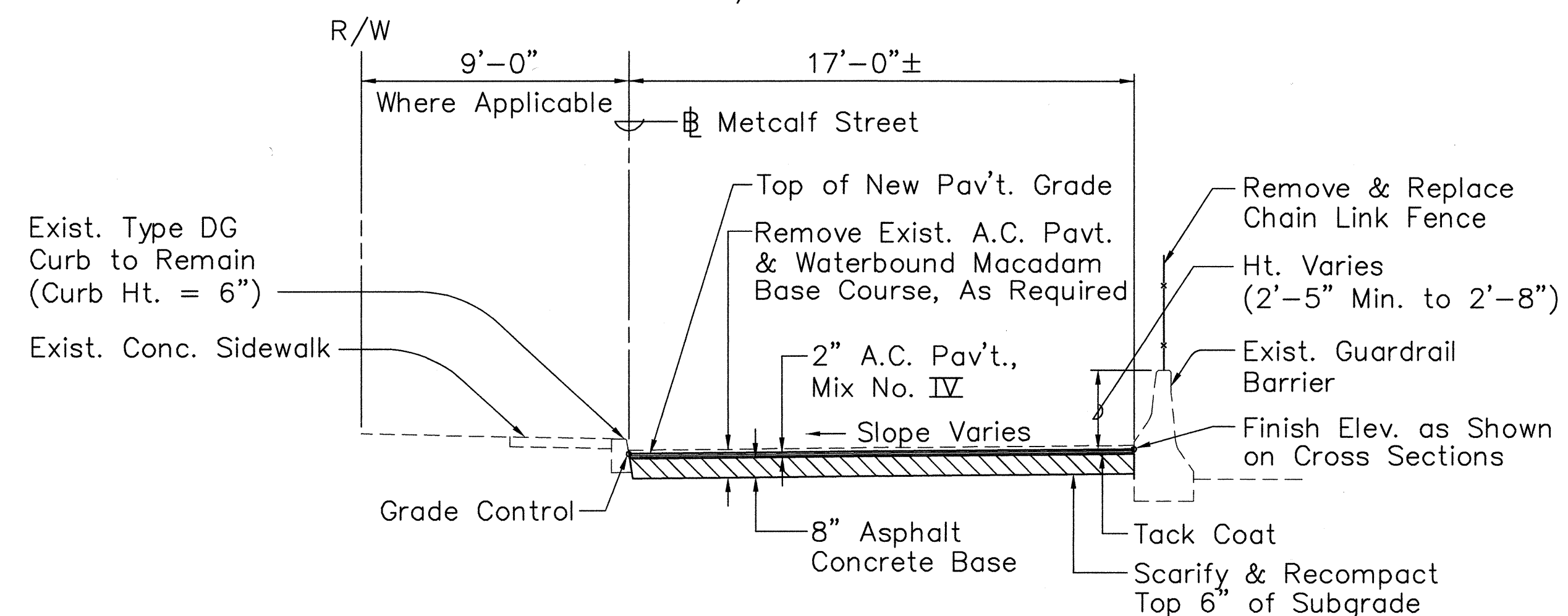
SHEET NO. C11 OF 20 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	17	557



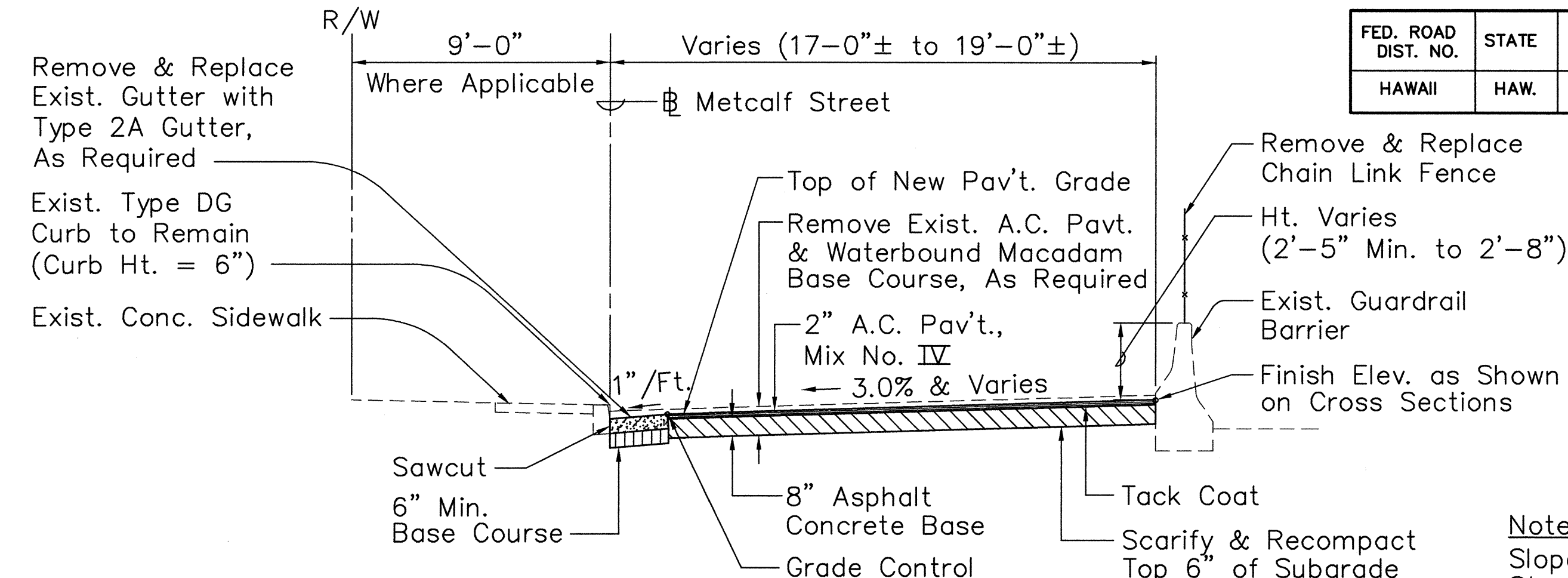
(STA. 0+46± TO STA. 0+79)
METCALF STREET
 PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"



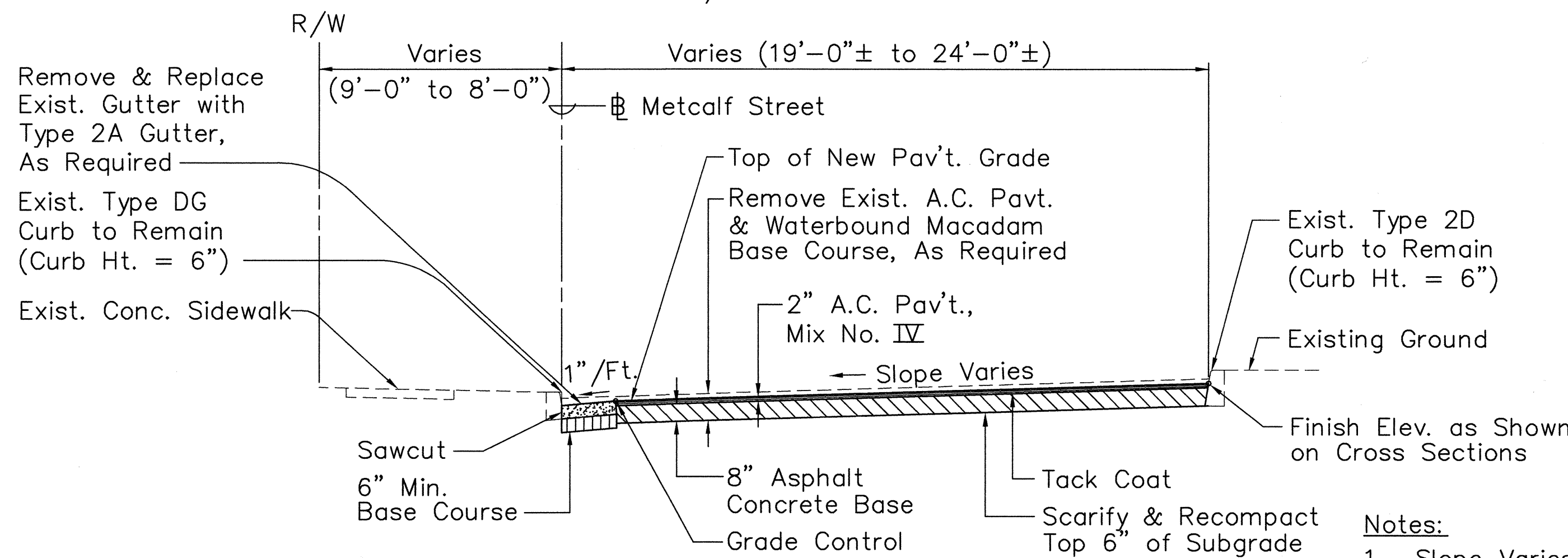
(STA. 0+79 TO STA. 1+00)
METCALF STREET
 PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"



(STA. 1+00 TO STA. 7+04.59)
METCALF STREET
 PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"



(STA. 7+04.59 TO STA. 10+49±)
METCALF STREET
 PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"

Note:
 Slope Varies between Sta. 1+00 to Sta. 1+30

Notes:
 1. Slope Varies between Sta. 7+04.59 to Sta. 7+19.58±
 2. Type 2A Gutter Ends at Sta. 10+48±

- Notes:**
- These Typical Sections represent the average prevailing conditions. Refer to Detail Roadway Plans and Cross Sections for specific detail requirements.
 - The Contractor shall notify and coordinate accesses to driveways affected during the work day.

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 HIGHWAYS DIVISION

METCALF ST. TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
 Vic. of Punchbowl Off Ramp to Kapiolani IC
 F.A.I. Project No. IM-H1-1(234)

Scale: 1/4" = 1'-0" Date: June 1, 1999

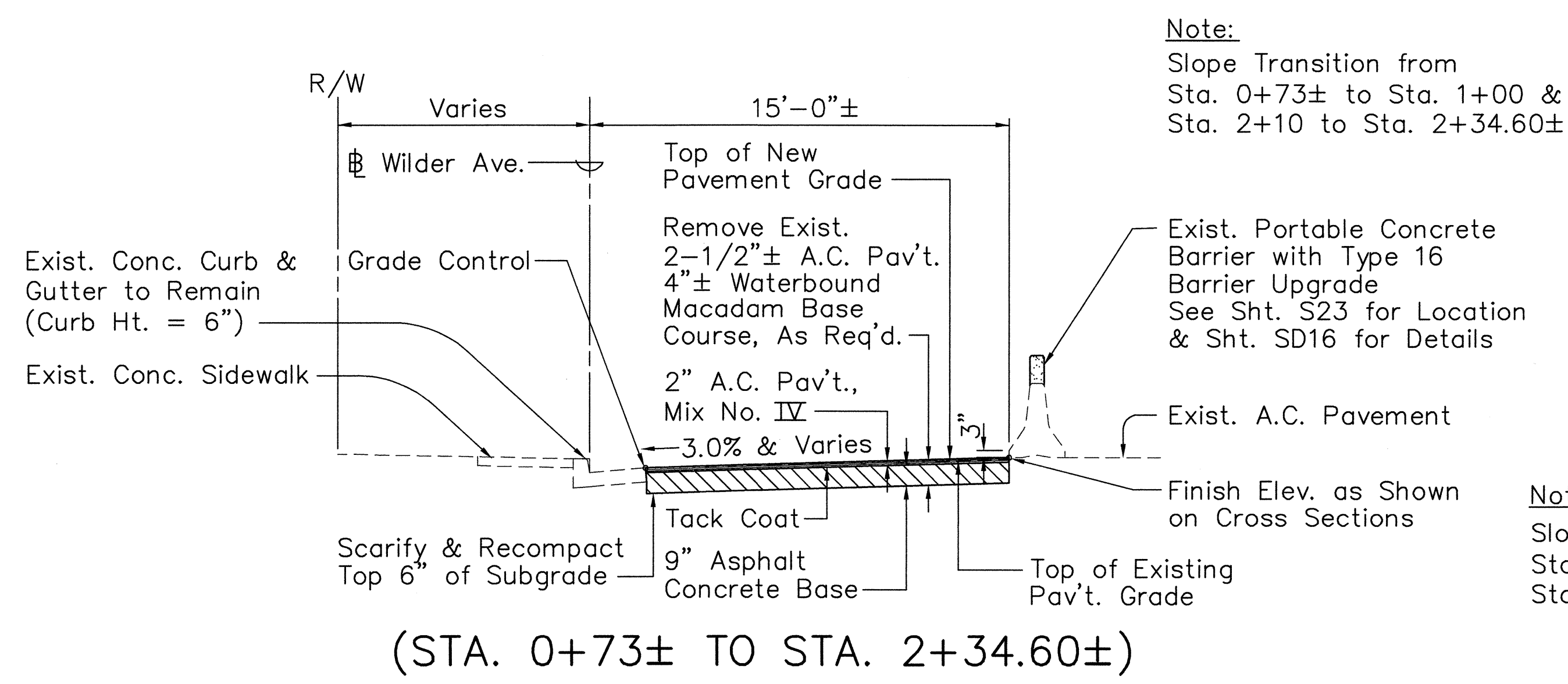
SHEET NO. C12 OF 20 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NOTEBOOK	
No.	

DATE: 03/19/99
 SCALE: 1/4" = 1'-0"
 FILE: 9815-226

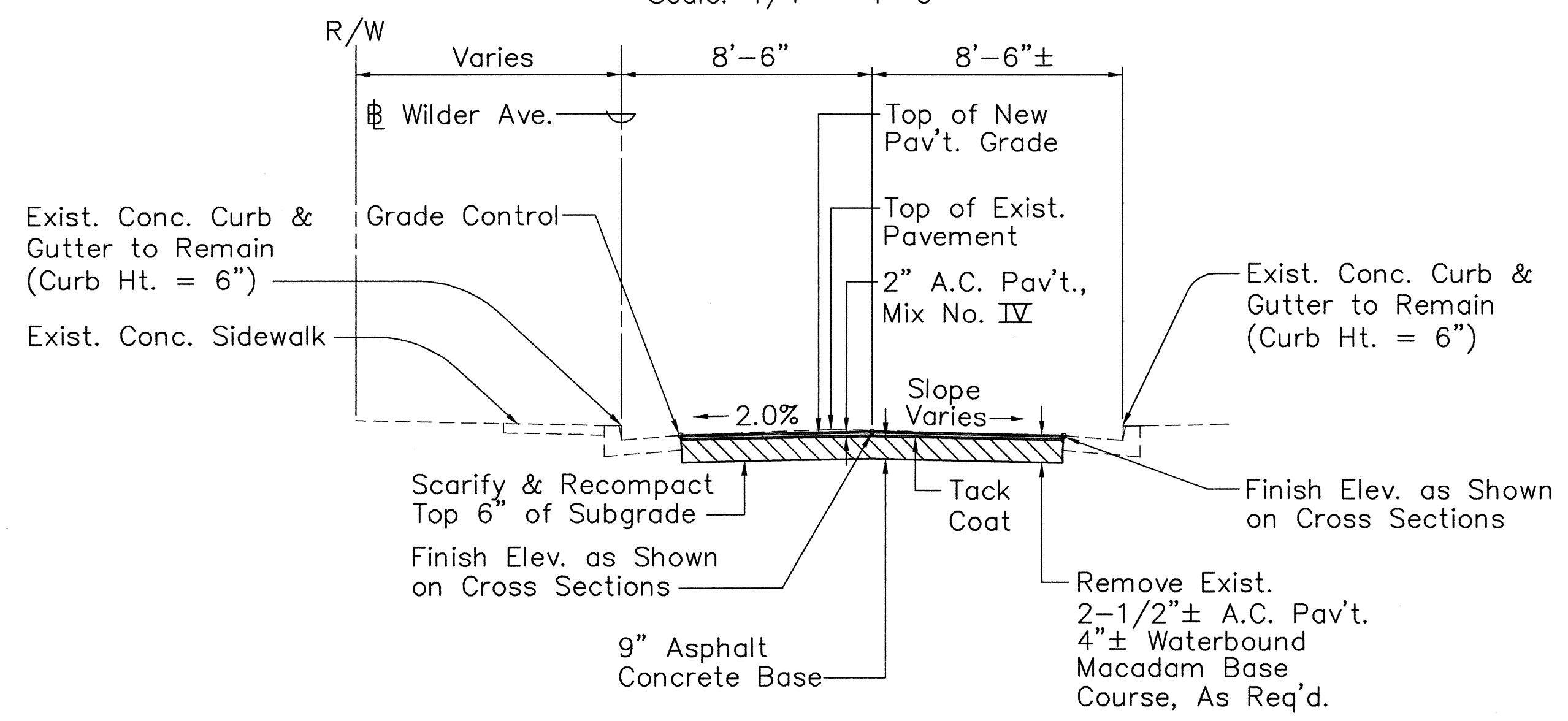
BST
 SHA, *FAI
 OPER:
 REVISED: 03/03/99

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	18	557



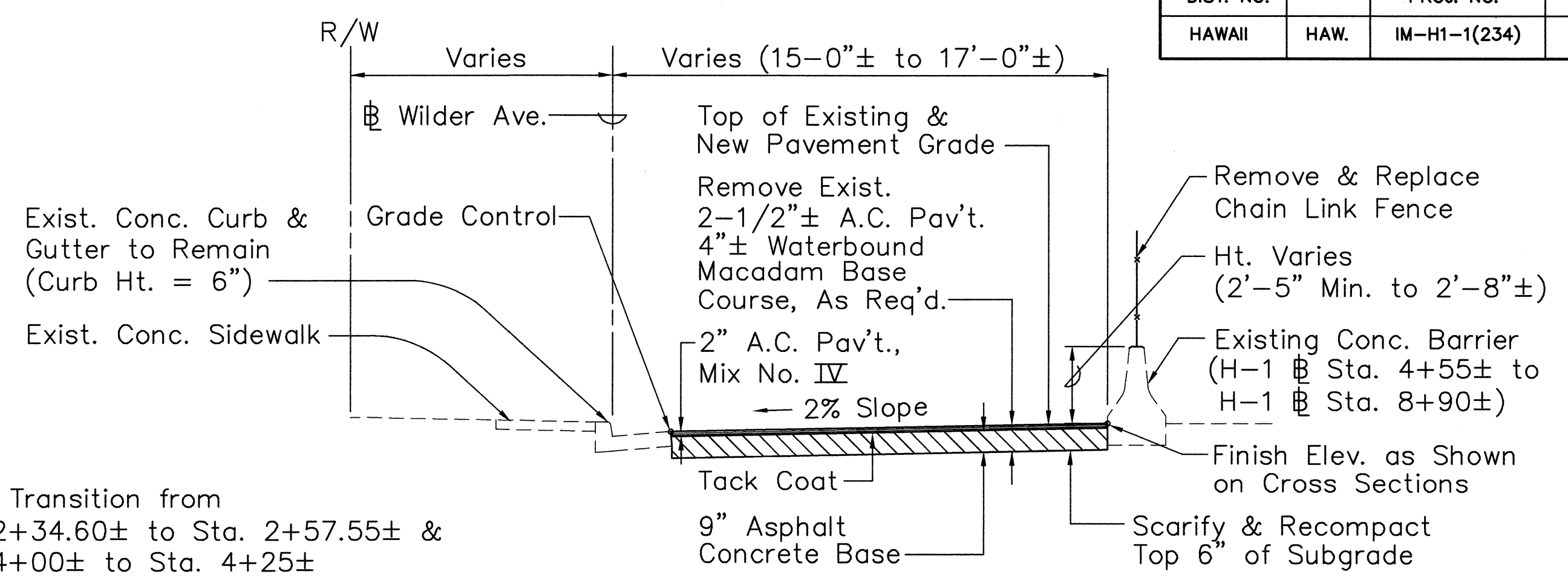
(STA. 0+73± TO STA. 2+34.60±)
WILDER AVENUE
PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"



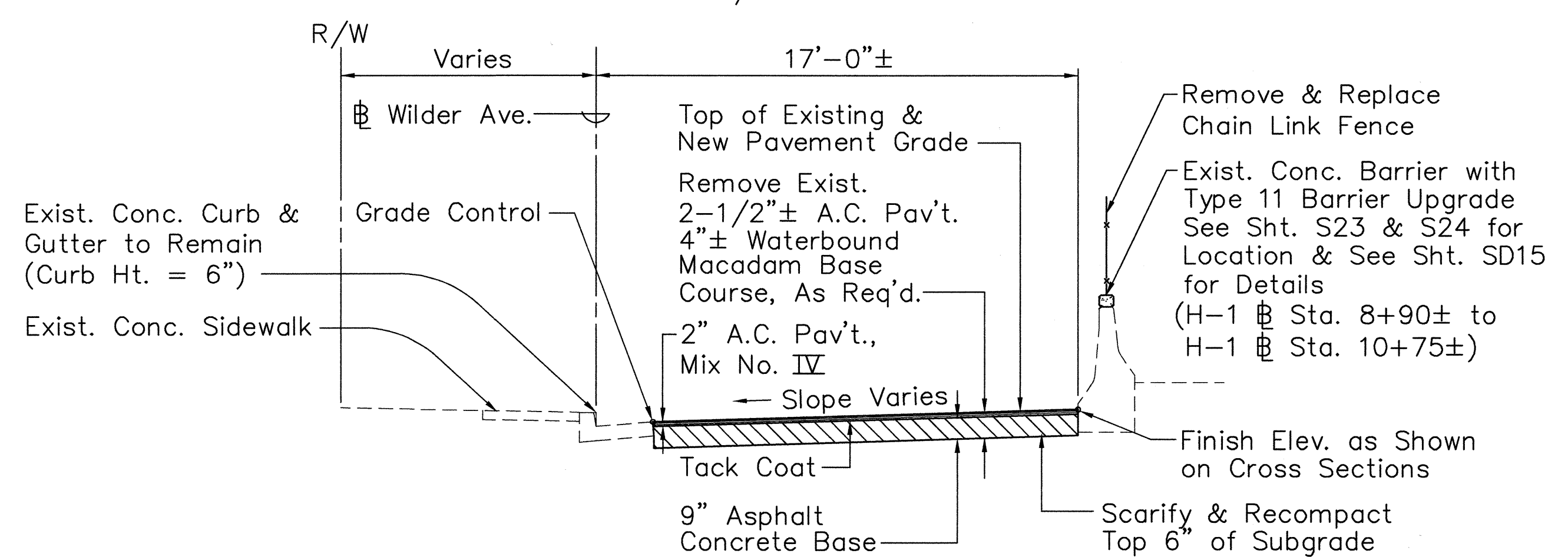
(STA. 2+57.55± TO STA. 4+00±)
WILDER AVENUE
PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"



(STA. 4+25± TO STA. 9+00±)
WILDER AVENUE
PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"



(STA. 9+00± TO STA. 10+70±)
WILDER AVENUE
PAVEMENT RECONSTRUCTION SECTION

Scale: 1/4" = 1'-0"

Notes:

- These Typical Sections represent the average prevailing conditions. Refer to Cross Sections for specific detail requirements.
- The Contractor shall notify and coordinate accesses to driveways affected during the work day.

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WILDER AVE. TYPICAL SECTIONS

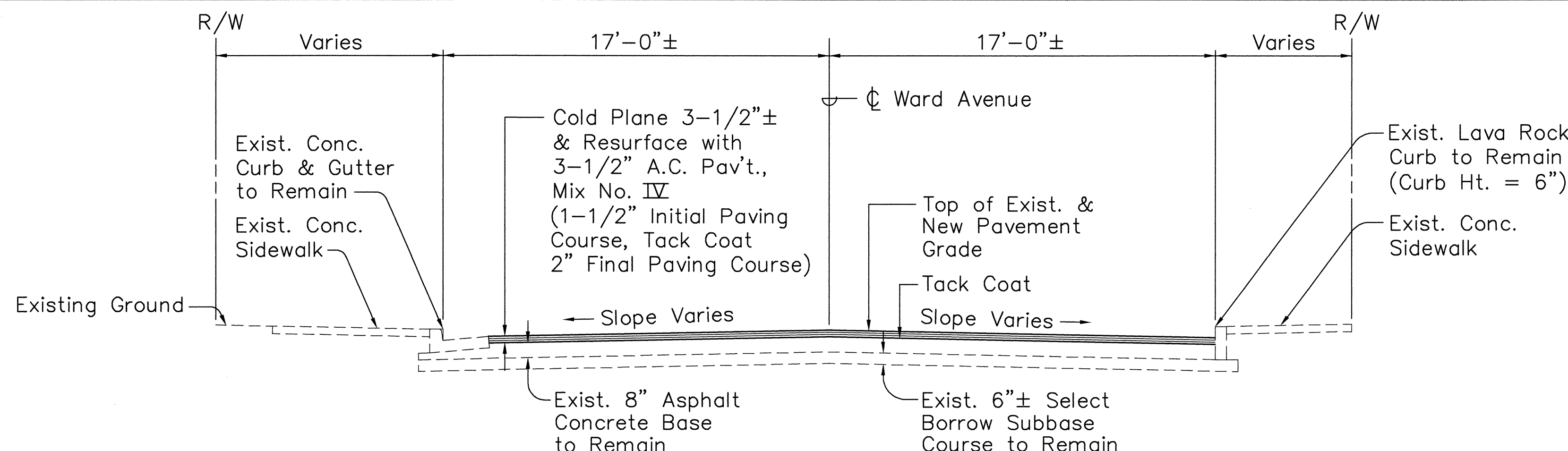
INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I. Project No. IM-H1-1(234)

Scale: 1/4" = 1'-0" Date: June 1, 1999

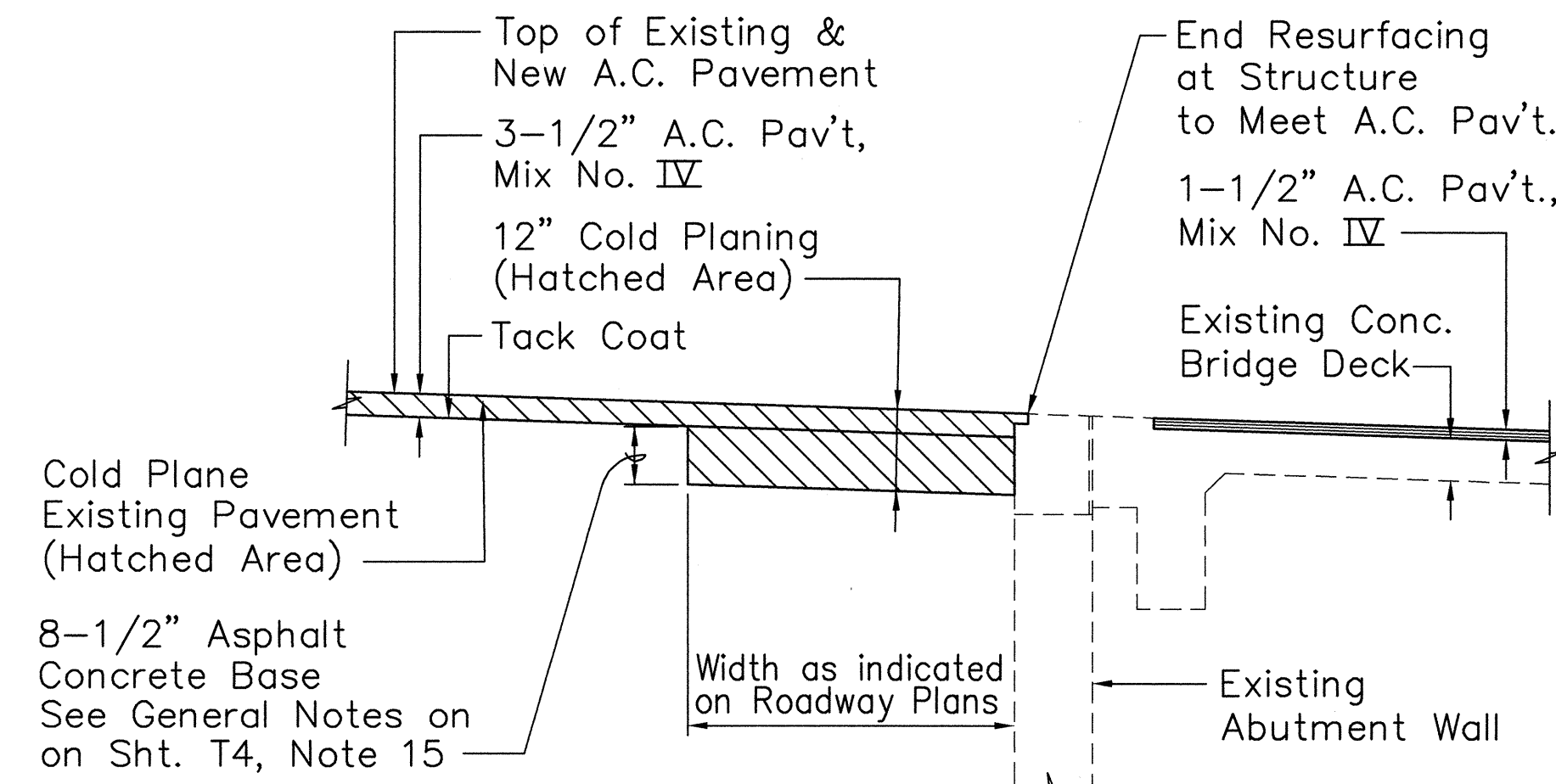
SHEET NO. C13 OF 20 SHEETS

DATE: 03/19/99
 SCALE: 1/4" = 1'-0"
 FILE: 9815-227
 PM: BST
 OPER: SHA,FAI
 REVISED: 05/03/99
 SURVEY PLOTTED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 QUANTITIES BY: _____
 ORIGINAL PLAN: _____
 NO. _____

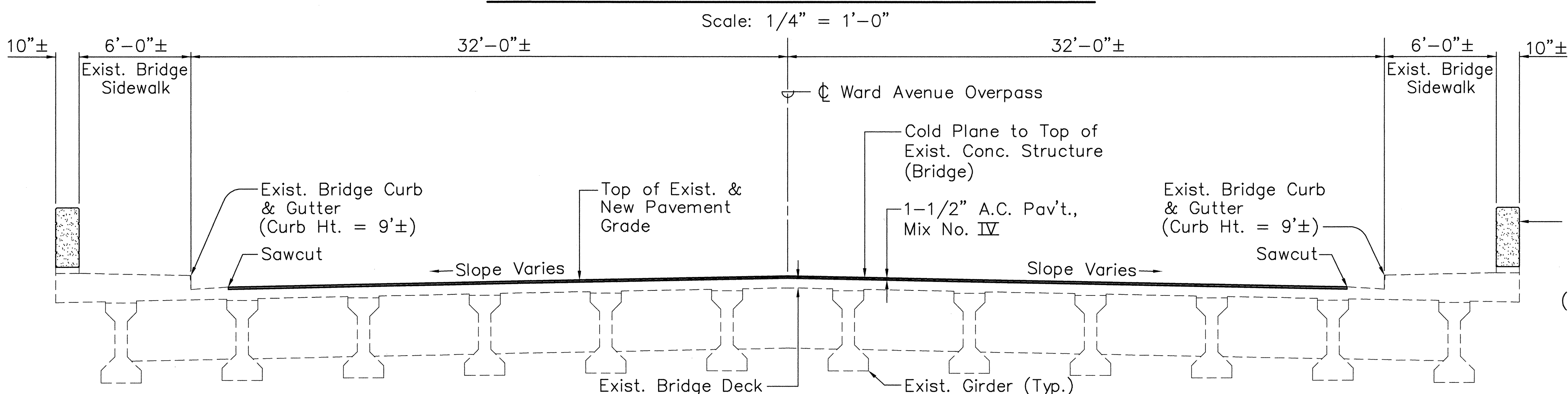
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	19	557



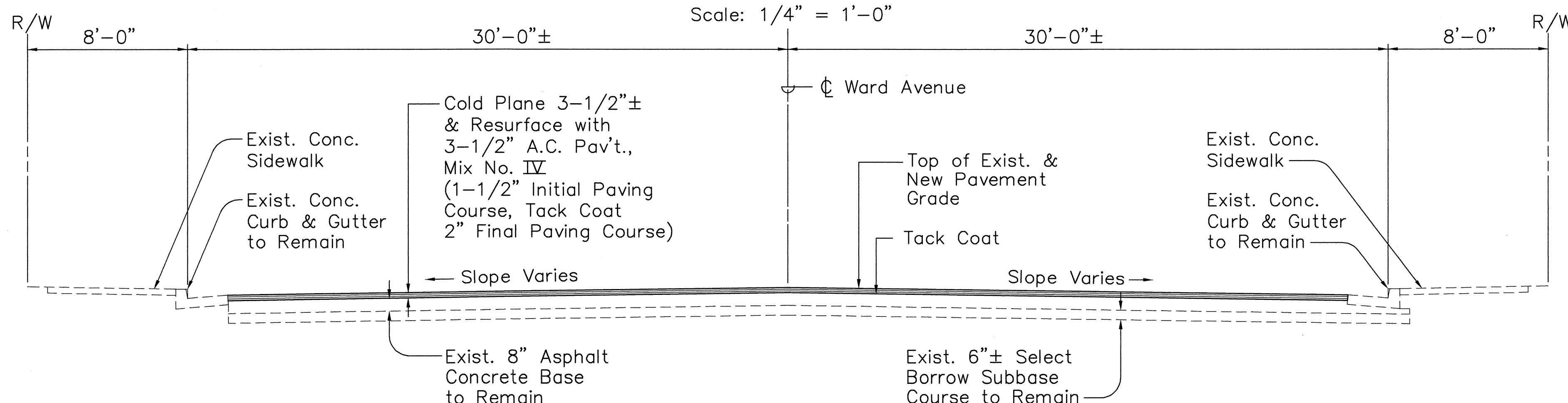
(STA. 3+07± TO STA. 4+22.16±±)
WARD AVENUE
PAVEMENT RESURFACING SECTION



WARD AVENUE OVERPASS
COLD PLANED TRANSITION
BETWEEN STRUCTURE
AND A.C. PAVEMENT
 Not to Scale



(STA. 4+22.16± TO STA. 5+78.16±)
WARD AVENUE OVERPASS
PAVEMENT RESURFACING SECTION



(STA. 5+78.16± TO STA. 8+33±)
WARD AVENUE
PAVEMENT RESURFACING SECTION

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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

WARD AVE. TYPICAL SECTIONS

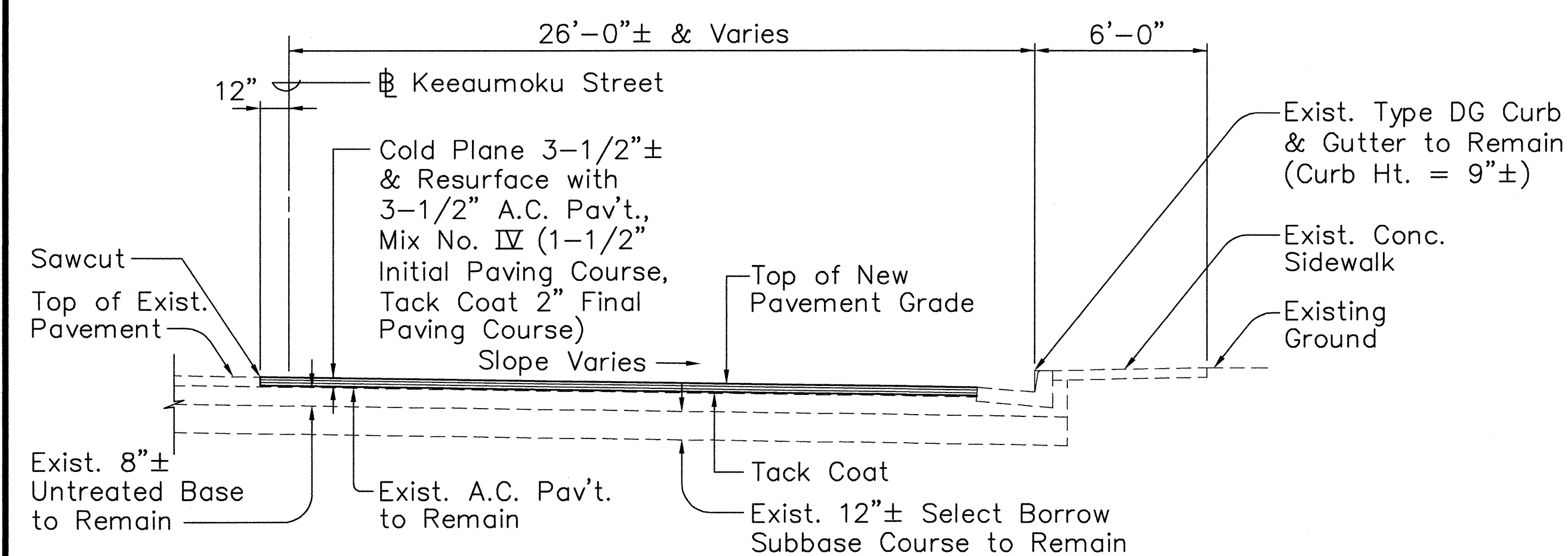
INTERSTATE ROUTE H-1 RESURFACING
 Vic. of Punchbowl Off Ramp to Kapiolani IC
 F.A.I. Project No. IM-H1-1(234)

Scale: 1/4" = 1'-0" Date: June 1, 1999

SHEET NO. C14 OF 20 SHEETS

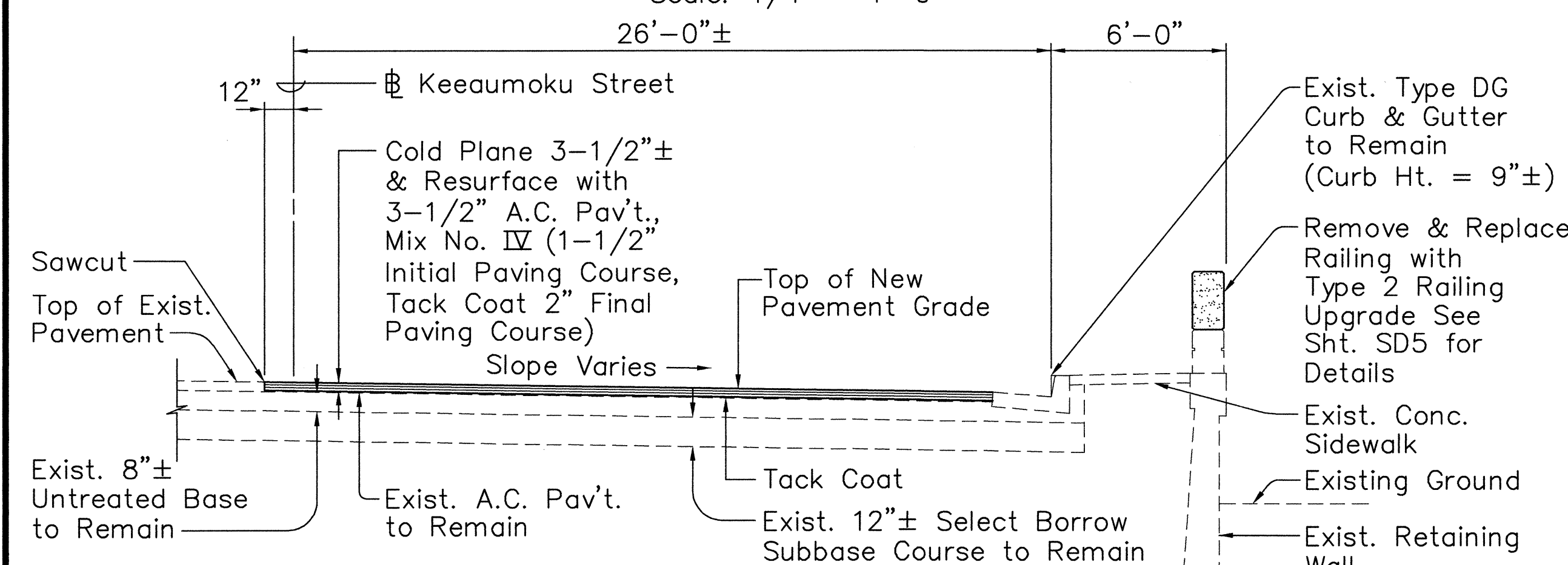
DATE: 03/19/99
 SCALE: 1/4" = 1'-0"
 FILE: 9815-217
 SURVEY PLOTTED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 ORIGINAL PLAN: _____
 NOTEBOOK: _____
 No. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	20	557



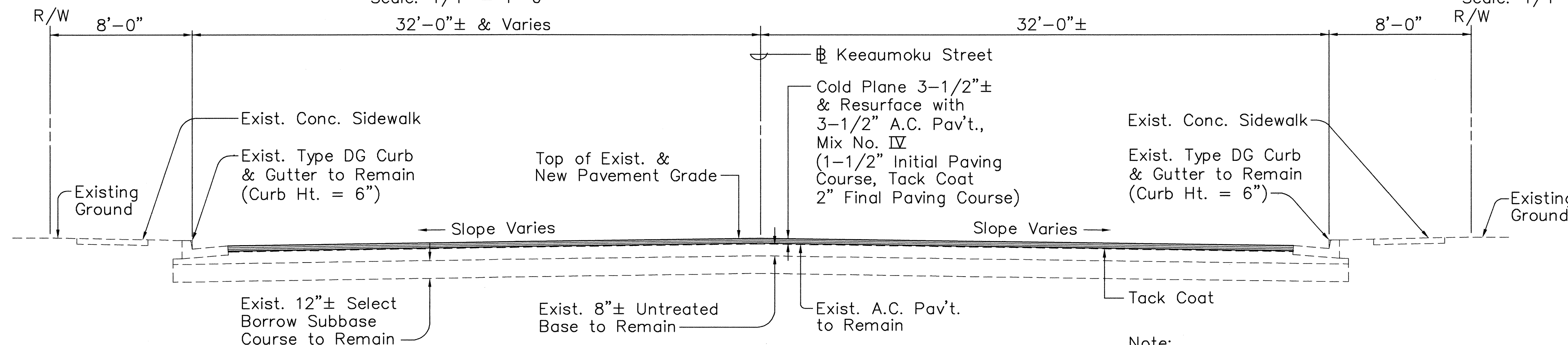
(STA. 3+66± TO STA. 4+63.10±)
KEEAUMOKU STREET
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"



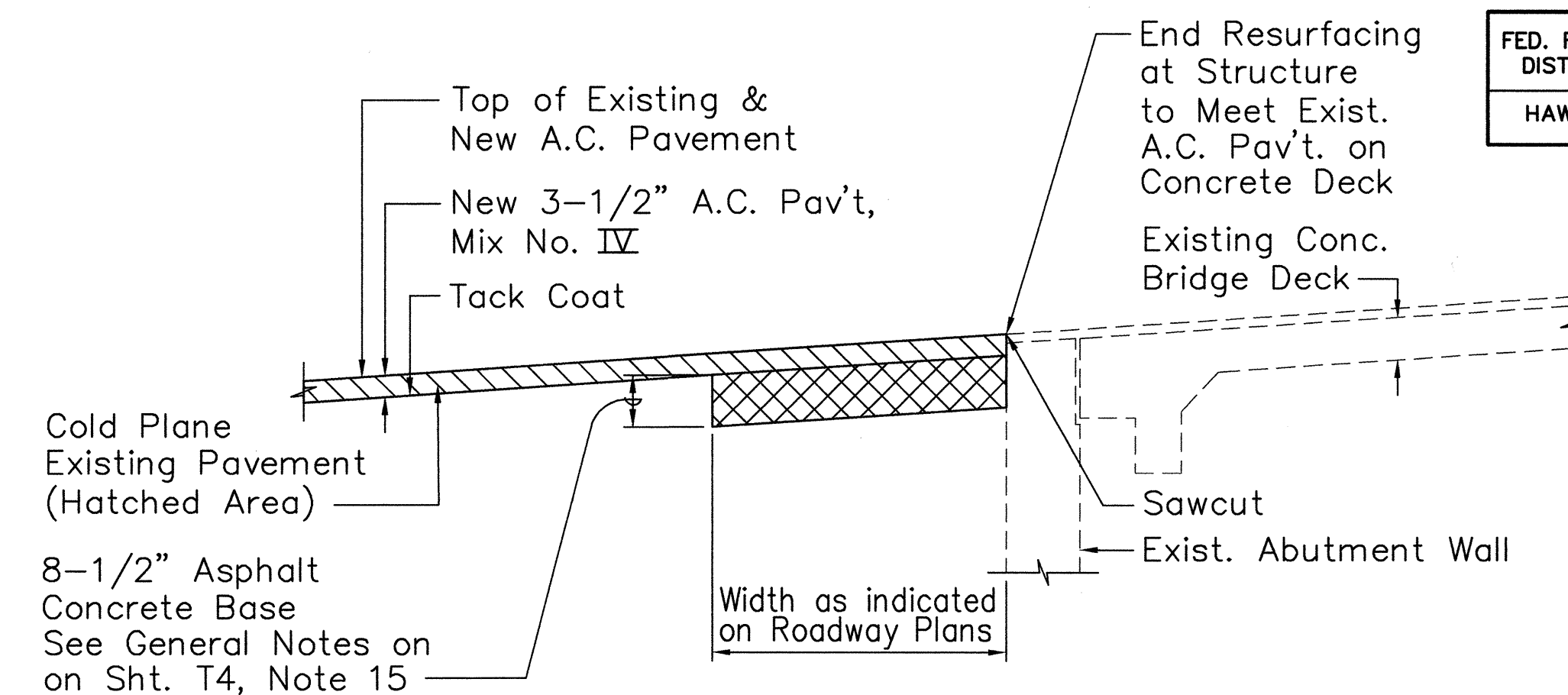
(STA. 4+63.10± TO STA. 7+00.03±)
KEEAUMOKU STREET
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"



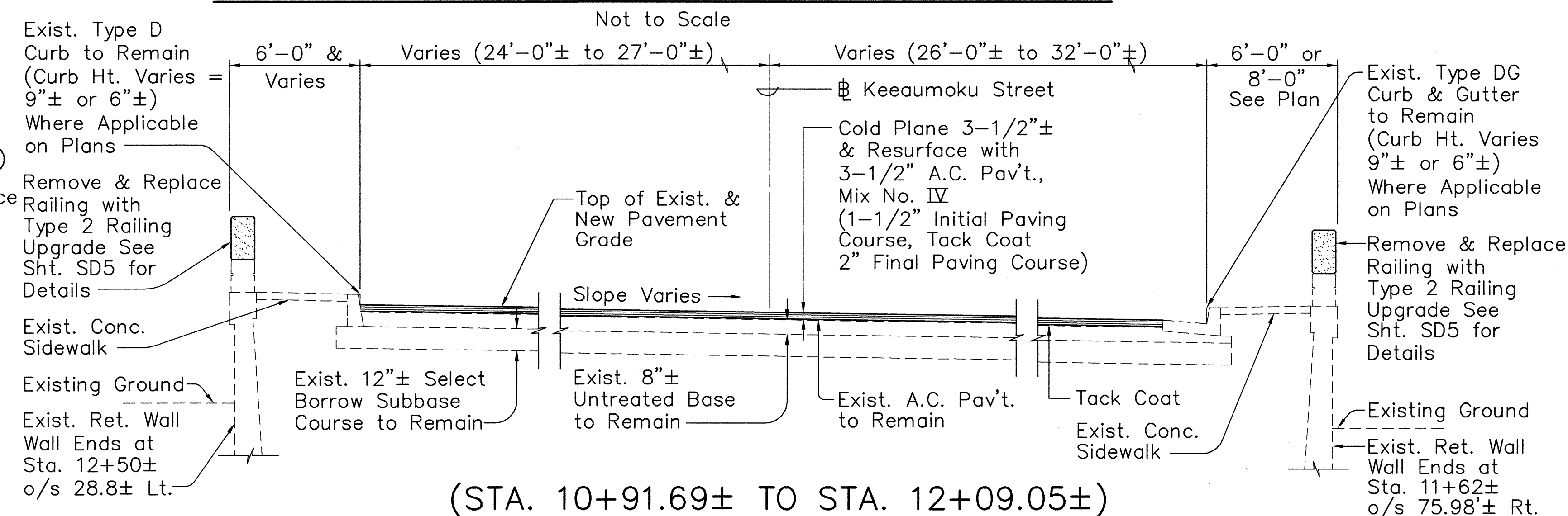
(STA. 13+50± TO STA. 15+75±)
KEEAUMOKU STREET
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"



KEEAUMOKU STREET OVERPASS
COLD PLANED TRANSITION
BETWEEN STRUCTURE AND A.C. PAVEMENT

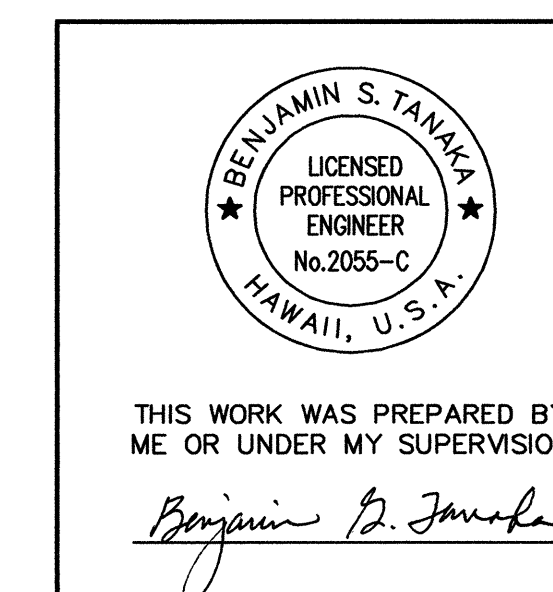
Not to Scale



(STA. 10+91.69± TO STA. 12+09.05±)
KEEAUMOKU STREET
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"

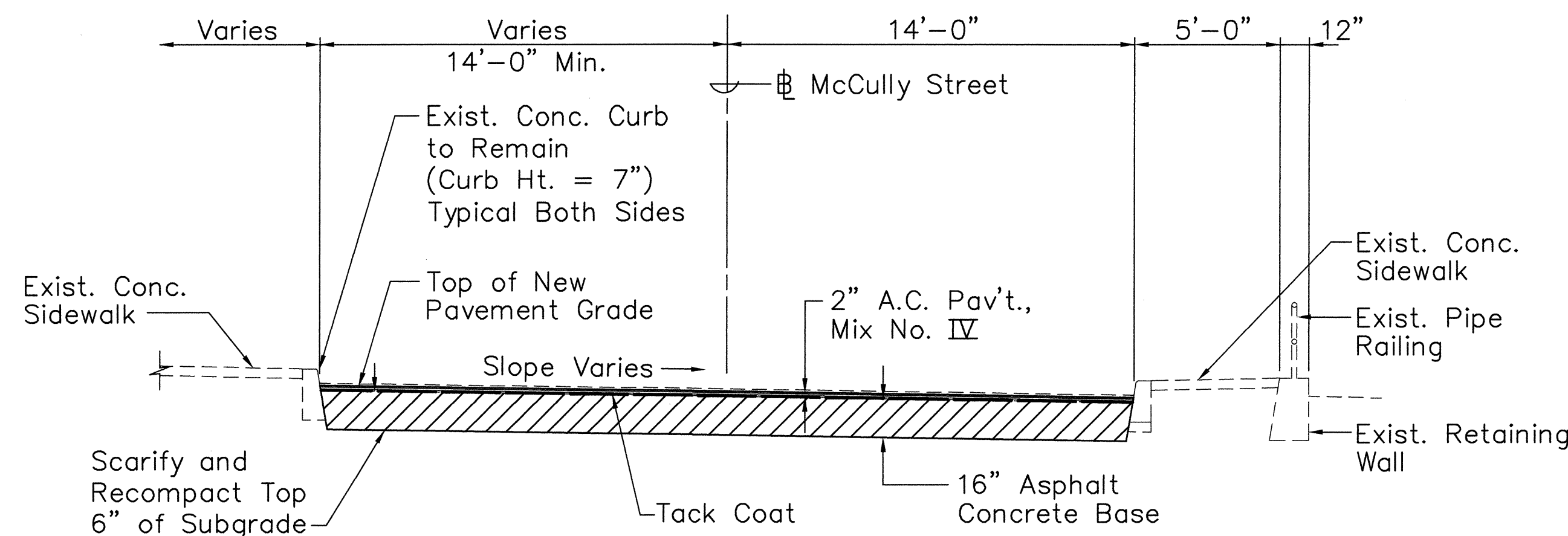
Note:
Slope Transition from
Sta. 12+09.05± to Sta. 13+50±



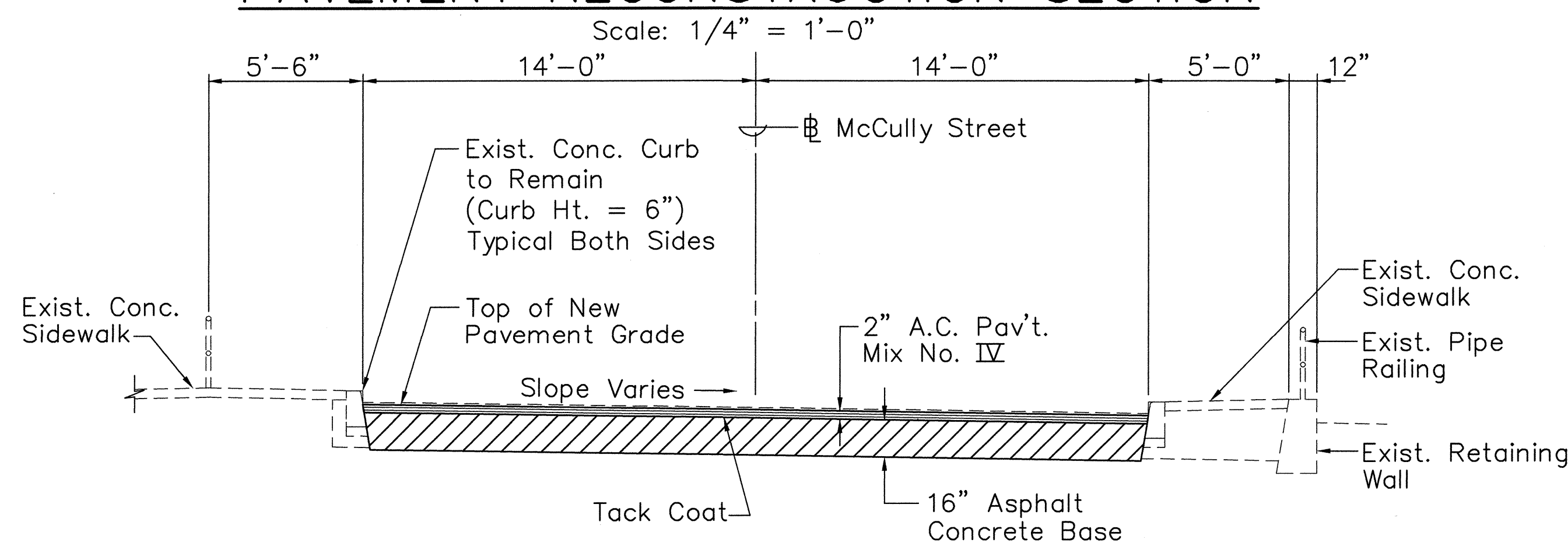
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KEEAUMOKU ST.
TYPICAL SECTIONS
INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I. Project No. IM-H1-1(234)
Scale: 1/4" = 1'-0" Date: June 1, 1999

SHEET NO. C15 OF 20 SHEETS

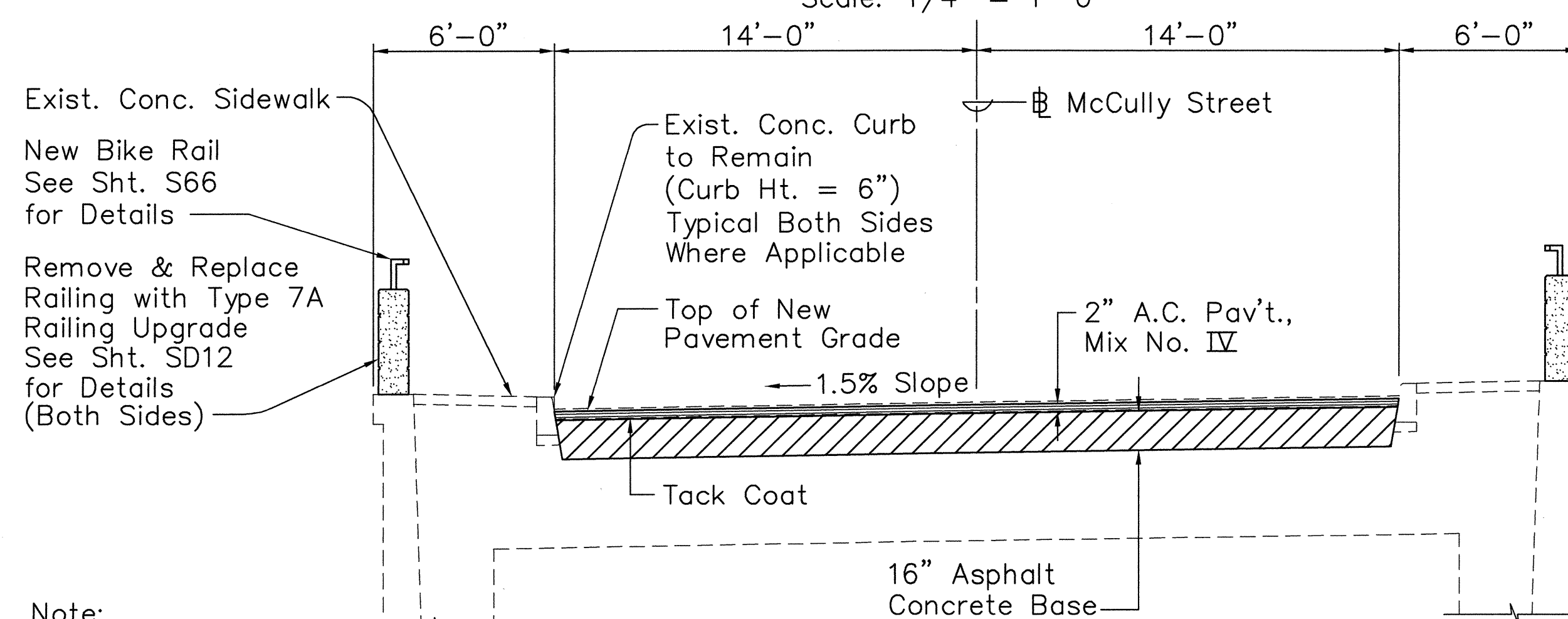
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(234)	2000	21	557



(STA. 0+75± TO STA. 1+50±)
McCULLY STREET
PAVEMENT RECONSTRUCTION SECTION



(STA. 1+50± TO STA. 2+00±)
McCULLY STREET
PAVEMENT RESURFACING SECTION

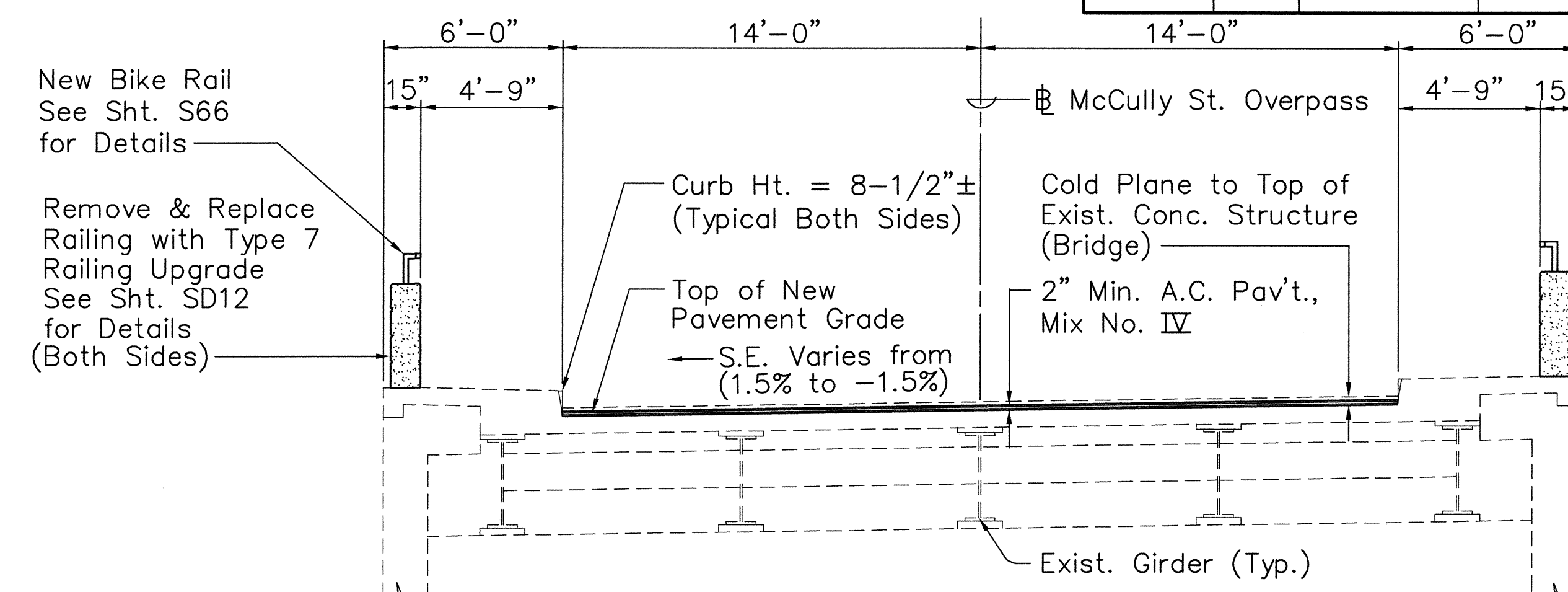


Note:

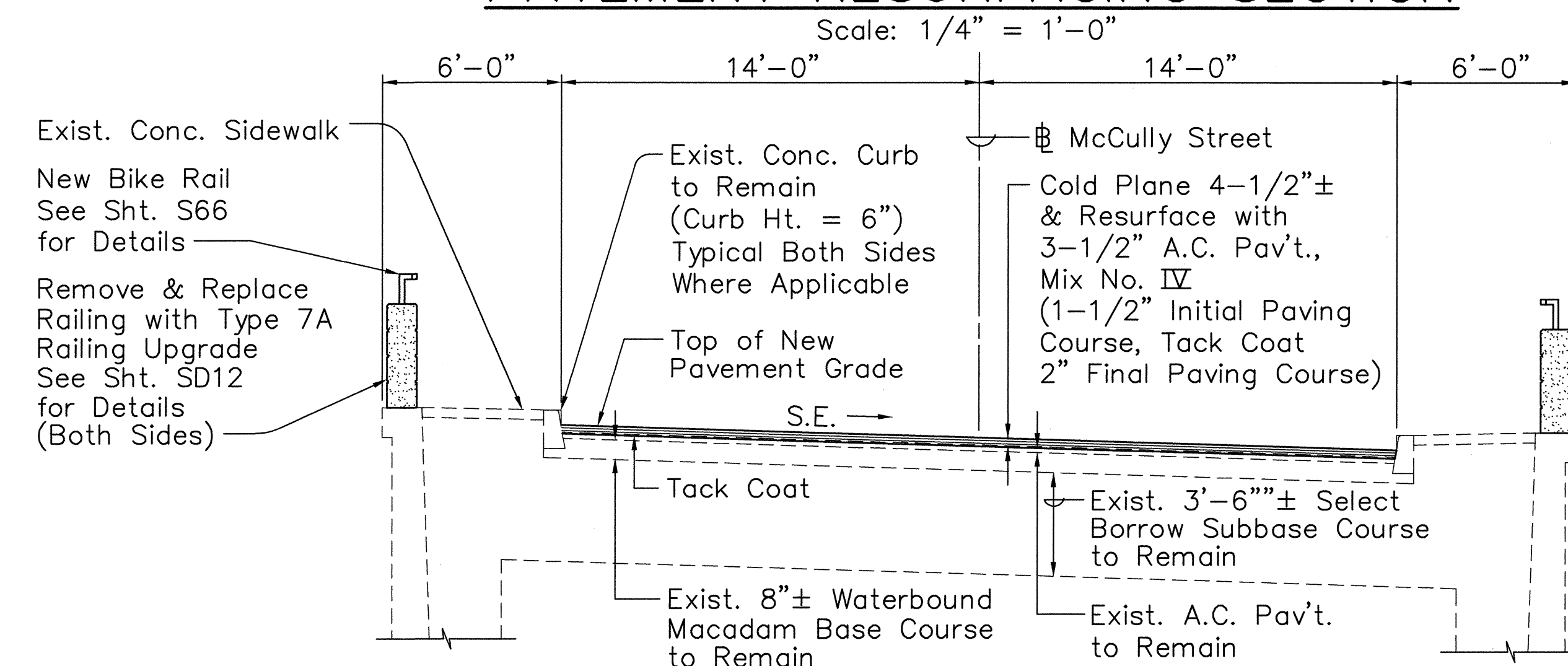
Pavement to be
superelevated from
Sta. 2+00± to Sta. 2+50±)

(STA. 2+00± TO STA. 3+83.67±)
McCULLY STREET
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"

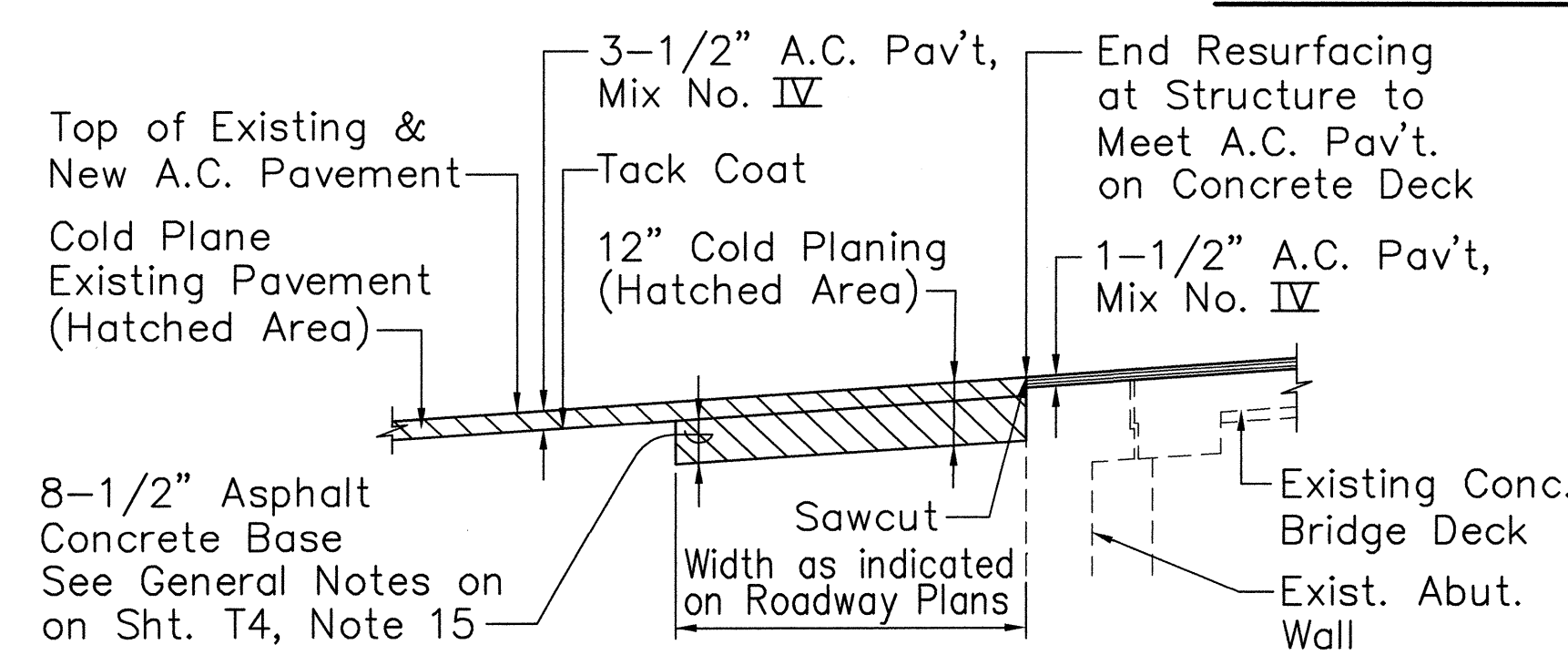


(STA. 3+83.67± TO STA. 7+57.83±)
McCULLY STREET OVERPASS
PAVEMENT RESURFACING SECTION



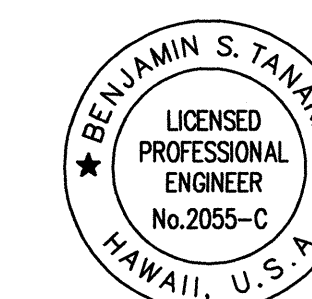
(STA. 7+57.83± TO STA. 8+50±)
McCULLY STREET
PAVEMENT RESURFACING SECTION

Scale: 1/4" = 1'-0"



McCULLY STREET OVERPASS
COLD PLANED TRANSITION
BETWEEN STRUCTURE
AND A.C. PAVEMENT

Not to Scale



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HIGHWAYS DIVISION

McCULLY ST. TYPICAL SECTIONS

INTERSTATE ROUTE H-1 RESURFACING
Vic. of Punchbowl Off Ramp to Kapiolani IC
F.A.I. Project No. IM-H1-1(234)

Scale: 1/4" = 1'-0" Date: June 1, 1999

SHEET NO. C16 OF 20 SHEETS