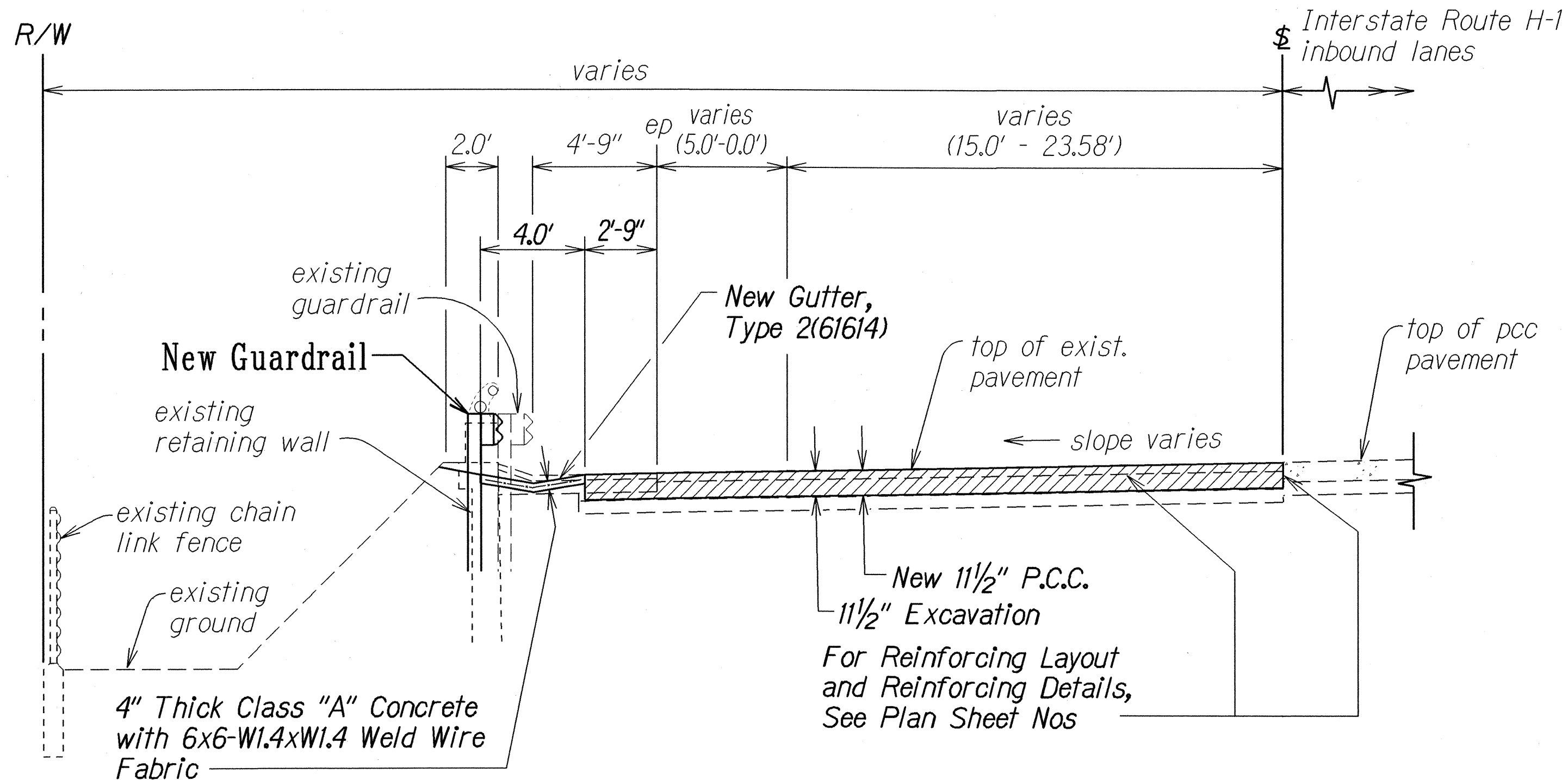
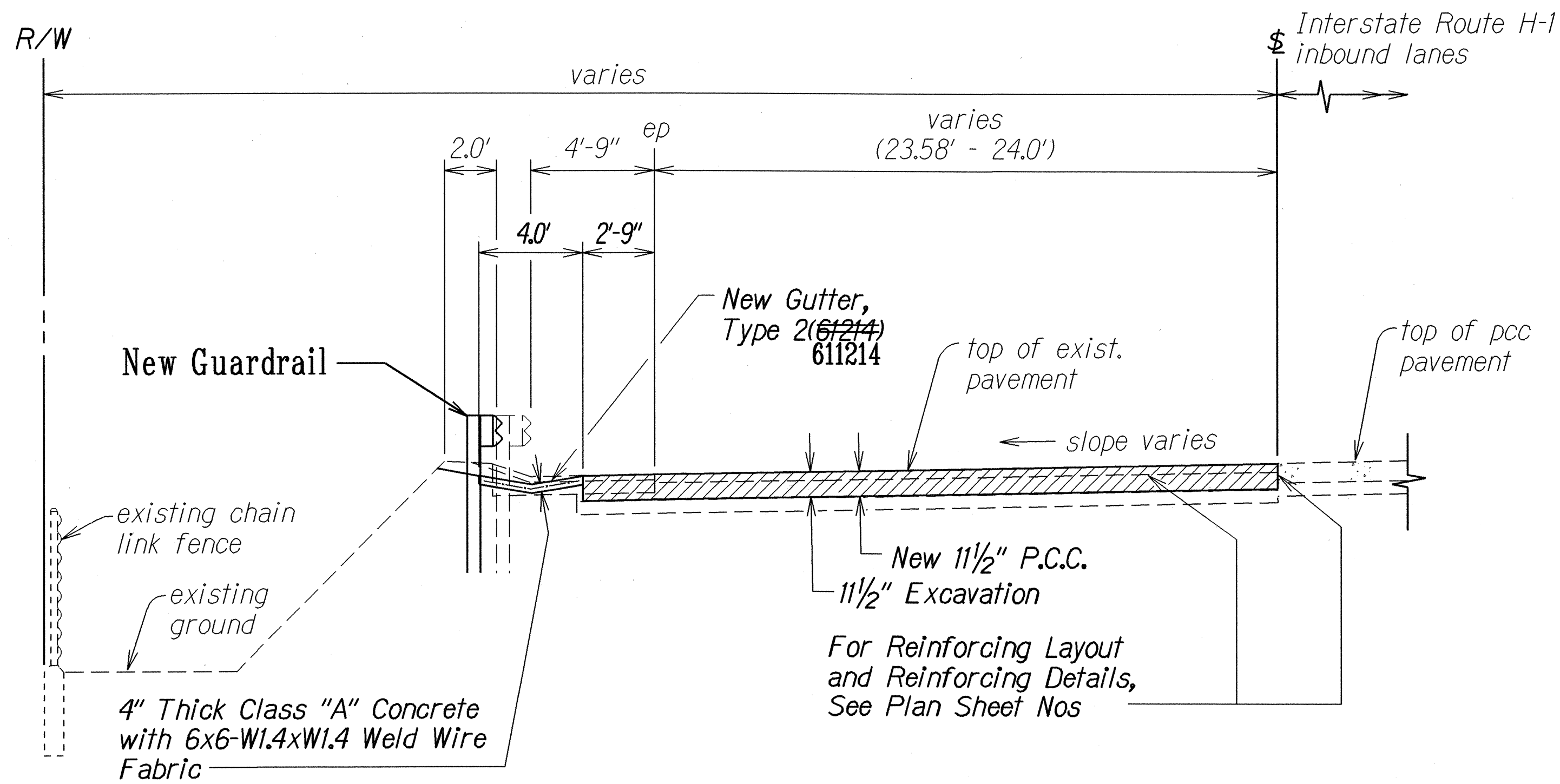


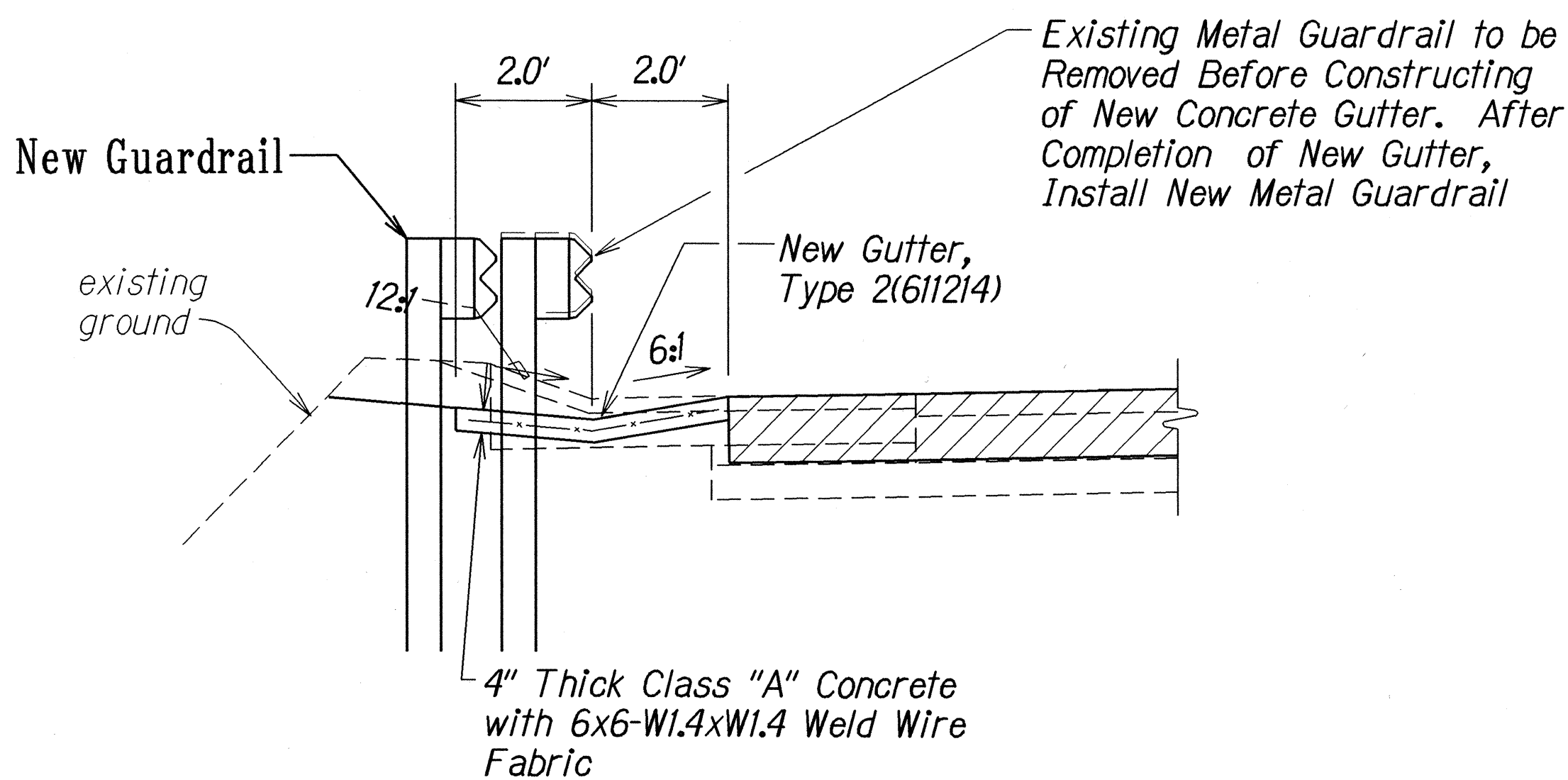
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(236)	1999	ADD.6	54



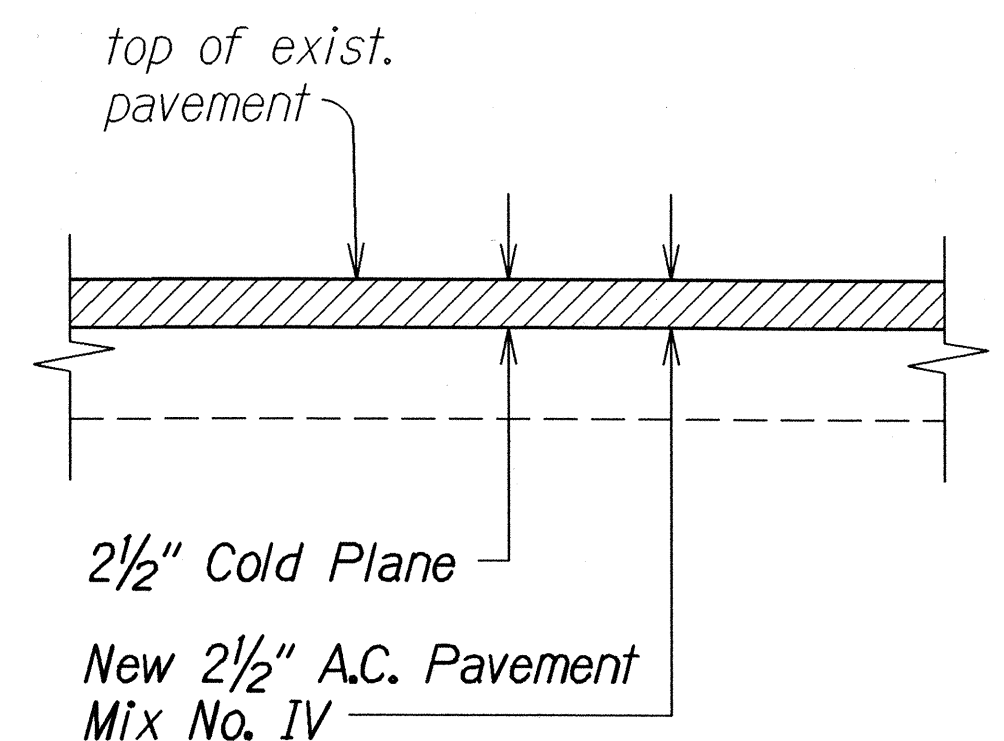
TYPICAL SECTION - RAMP "11A"
STA. 0+00.00 TO STA. 4+62.74
 Scale: 1/4"=1'-0"



TYPICAL SECTION - RAMP "11A"
STA. 4+62.74 TO STA. 5+12.60
 Scale: 1/4"=1'-0"



TYPICAL DETAIL OF GUTTER, TYPE 2 (611214)
 Scale: 1/2"=1'-0"

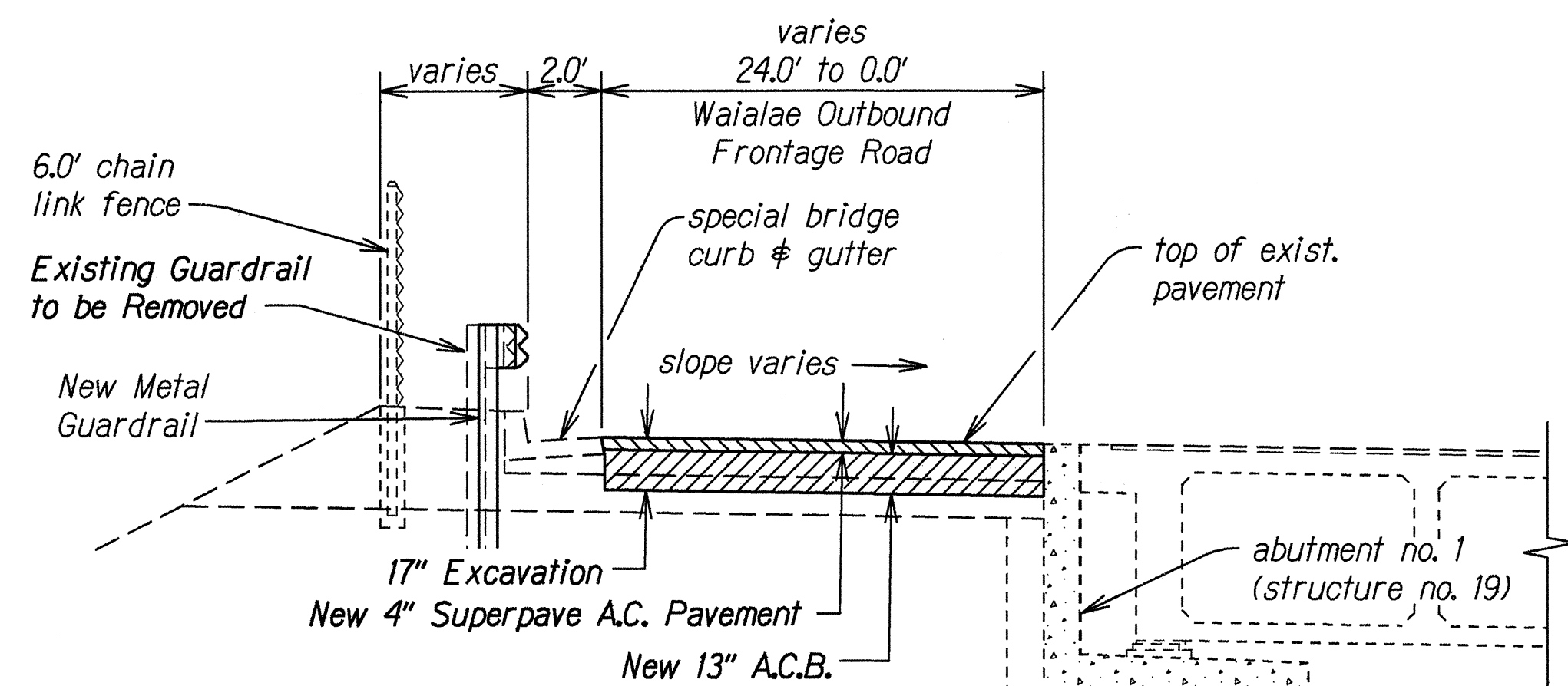


TYPICAL DETAIL AT RAMP "11A" (CUL-DE-SAC)
 Not to Scale

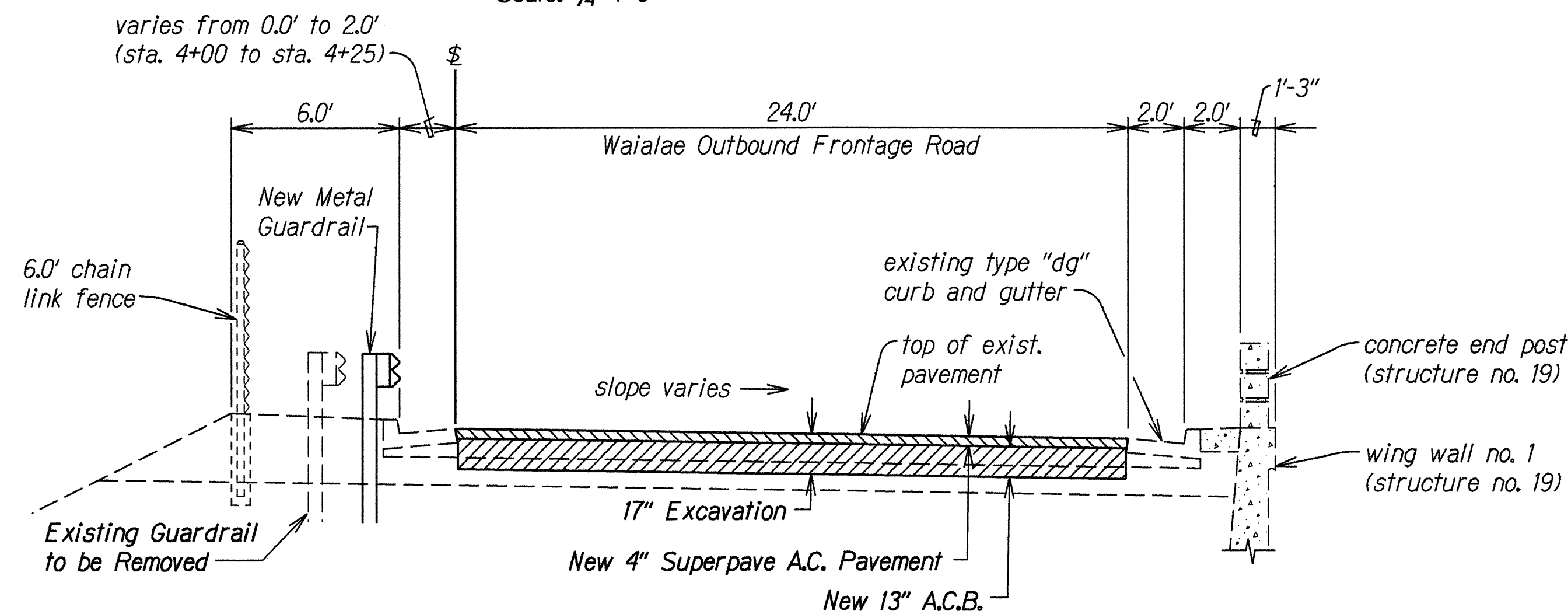
LEGEND FOR AS-BUILT POSTINGS	
~~~~~	Squiggly line for as-built deletion
==	Double line for as-built deletion
Roadway	Text for as-built posting

6-15-99	Revised Typical Section at Ramp "11A" (Cul-De-Sac).
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<b>TYPICAL SECTION</b>	
Interstate Route H-1 Resurfacing	
On Ramps at 5th and 11th Avenues and	
Off Ramps at 6th, Koko Head and Waialae Avenues	
F.A.I. Project No. NH-HI-1(236)	
Scale: As Shown	Date: Feb, 1999
SHEET No. 2 OF 9 SHEETS	

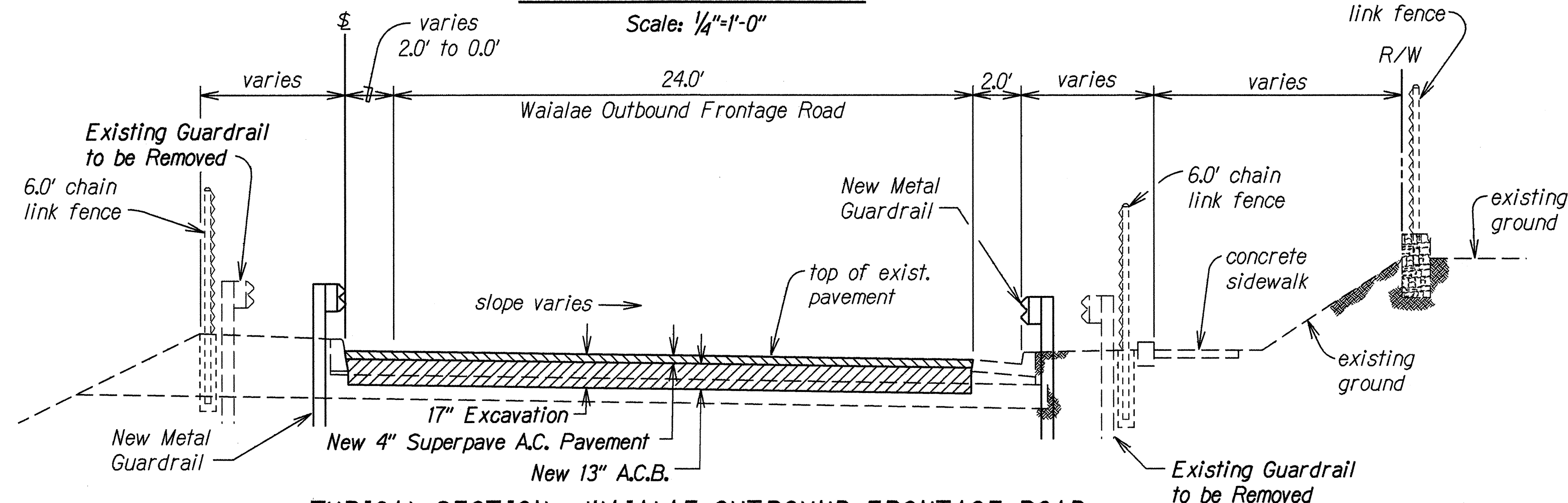
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(K236)	1999	ADD.7	54



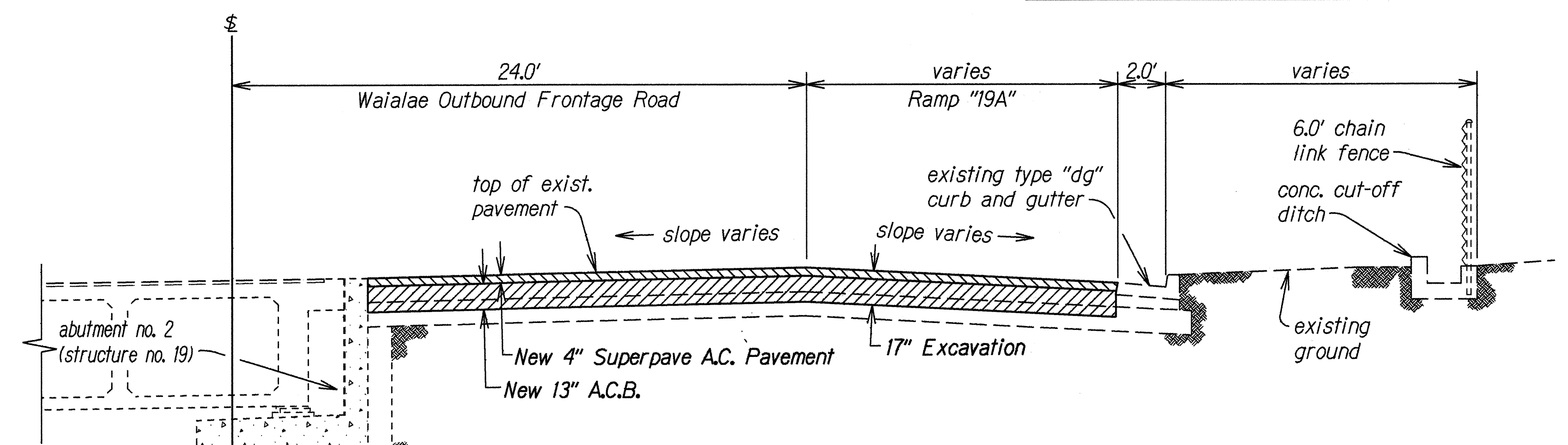
**TYPICAL SECTION**  
**WAIALAE OUTBOUND FRONTAGE ROAD**  
**STA. 4+14.41 TO STA. 4+37.28**  
 Scale: 1/4"=1'-0"



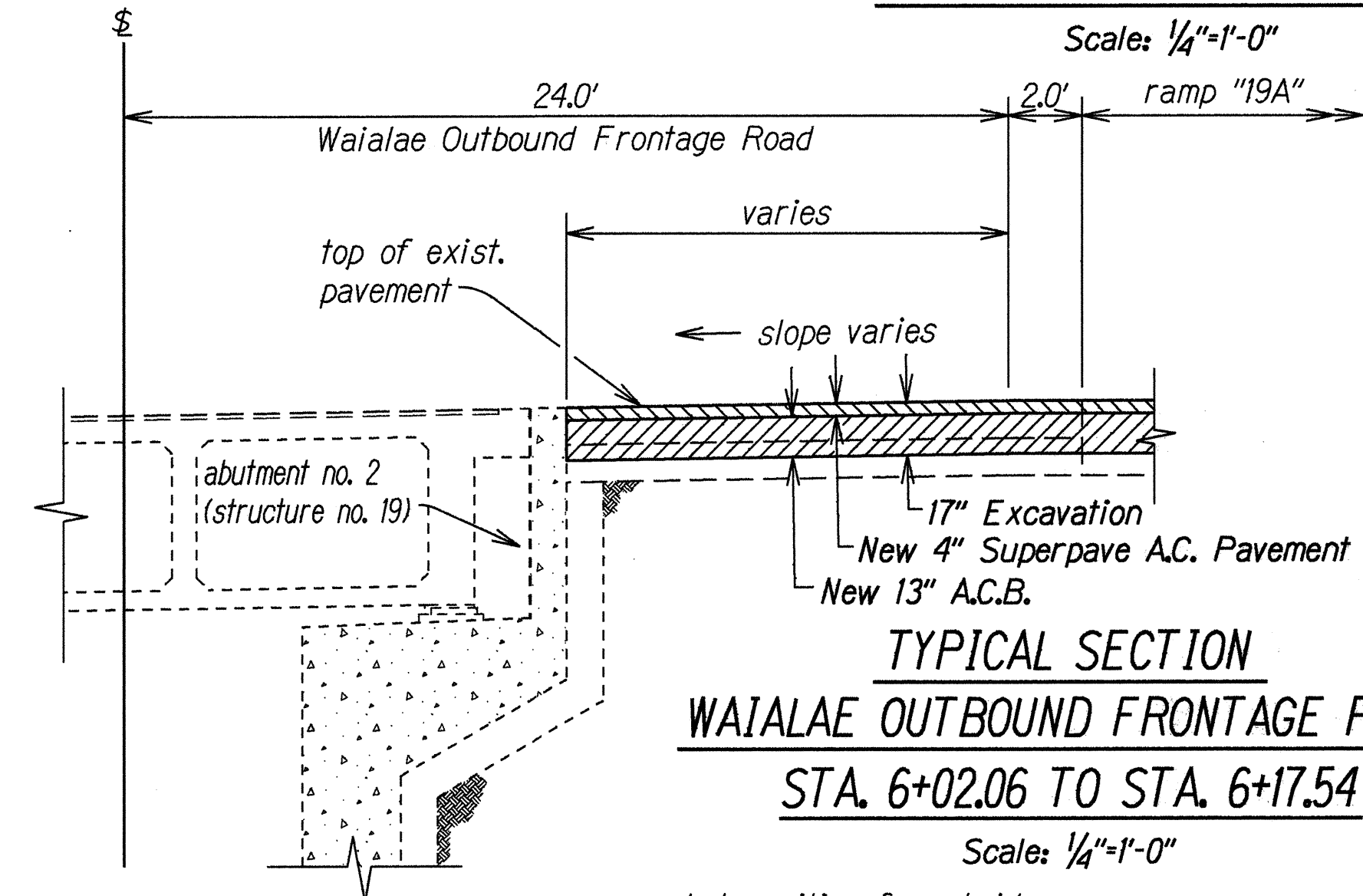
**TYPICAL SECTION - WAIALAE OUTBOUND FRONTAGE ROAD**  
**STA. 4+00 TO STA. 4+14.41**  
 Scale: 1/4"=1'-0"



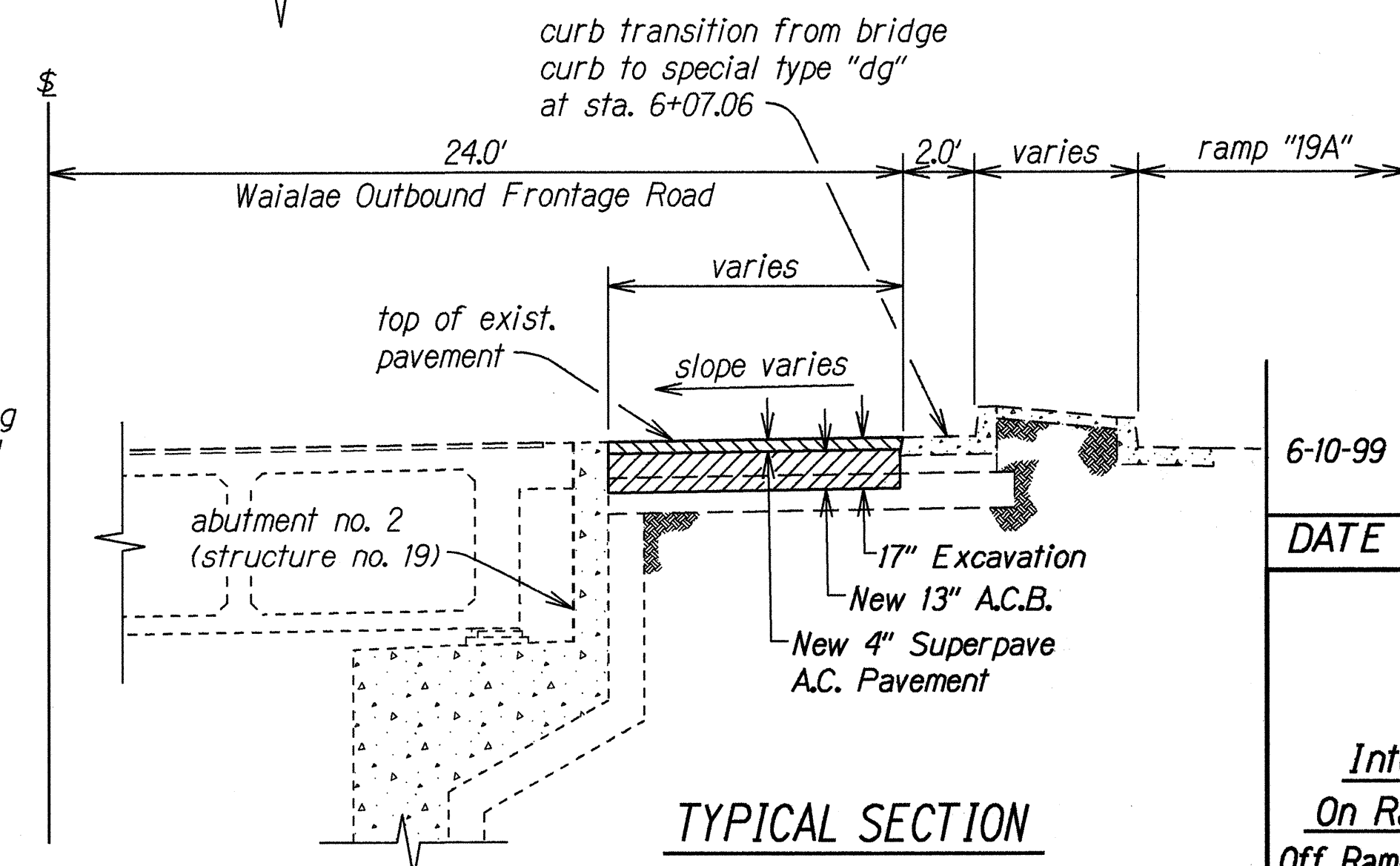
**TYPICAL SECTION - WAIALAE OUTBOUND FRONTAGE ROAD**  
**STA. 2+78.88 TO STA. 4+00**  
 Scale: 1/4"=1'-0"



**TYPICAL SECTION - WAIALAE OUTBOUND FRONTAGE ROAD**  
**STA. 6+17.50 TO STA. 6+35.51**  
 Scale: 1/4"=1'-0"



**TYPICAL SECTION**  
**WAIALAE OUTBOUND FRONTAGE ROAD**  
**STA. 6+02.06 TO STA. 6+17.54**  
 Scale: 1/4"=1'-0"



**TYPICAL SECTION**  
**WAIALAE OUTBOUND FRONTAGE ROAD**  
**STA. 5+82.02 TO STA. 6+02.06**  
 Scale: 1/4"=1'-0"

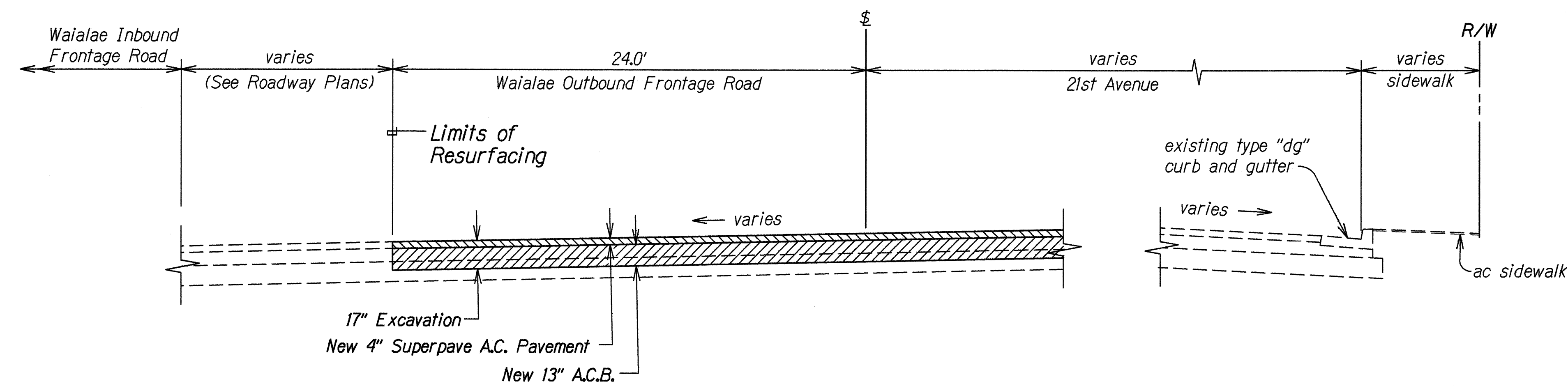
6-10-99	Revise "Note Mix No. IV" to "Superpave."
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>TYPICAL SECTION</b> <b>Interstate Route H-1 Resurfacing</b> <b>On Ramps at 5th and 11th Avenues and</b> <b>Off Ramps at 6th, Koko Head and Waialae Avenues</b> <b>F.A.I. Project No. NH-HI-1(K236)</b> Scale: As Shown Date: Feb., 1999	
SHEET No. 3 OF 9 SHEETS	

**ADD.7**

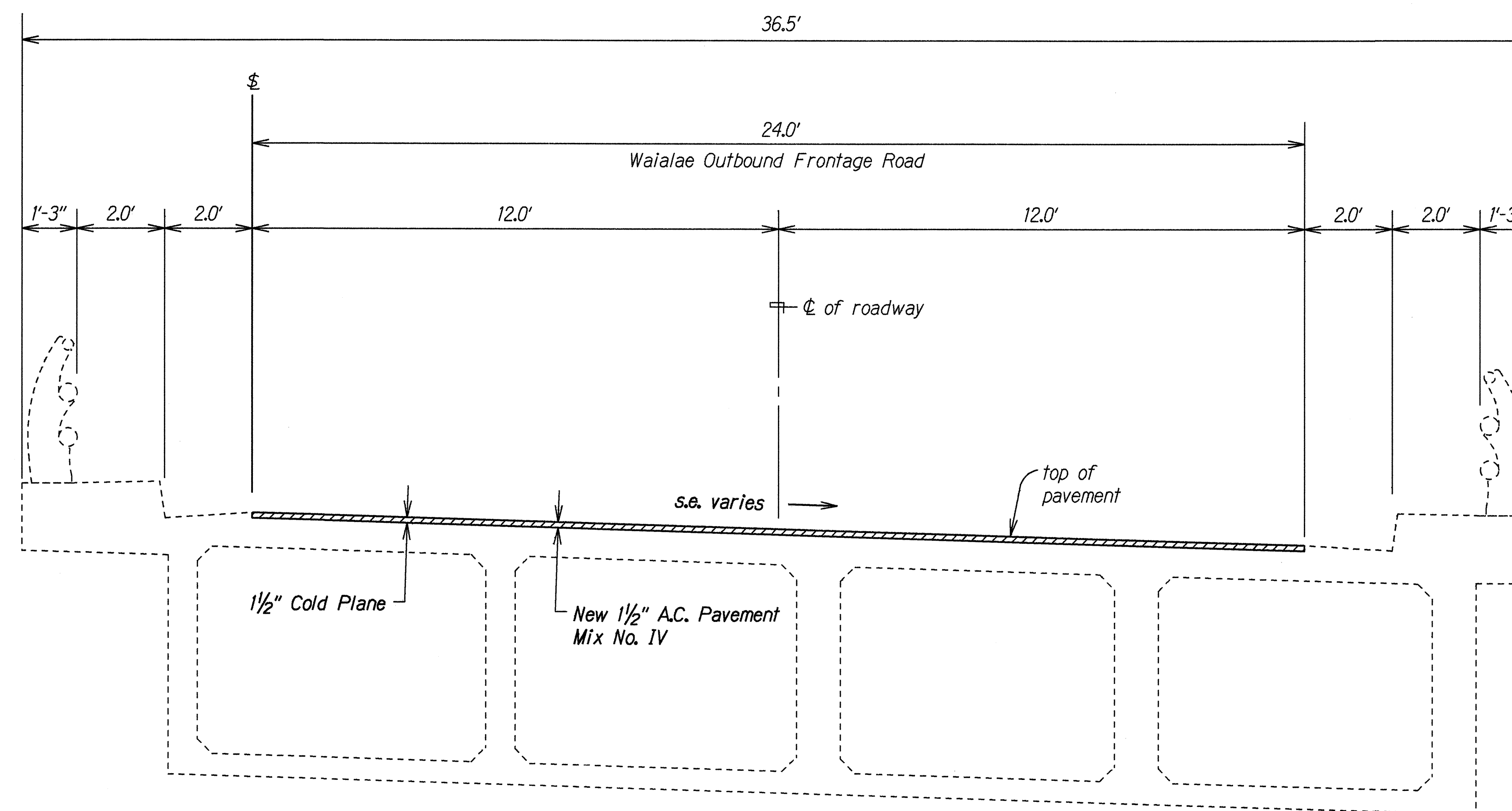
DESIGNED BY	DATE
DRAWN BY	2/2/99
CHECKED BY	
IN CHARGE	
NOTED BY	
QUANTITIES BY	
CHECKED BY	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H1-1(236)	1999	ADD.9	54



**TYPICAL SECTION - WAIALAE OUTBOUND FRONTAGE ROAD**  
**STA. 17+75.00 TO STA. 18+35.00**  
 Scale: 1/4"=1'-0"

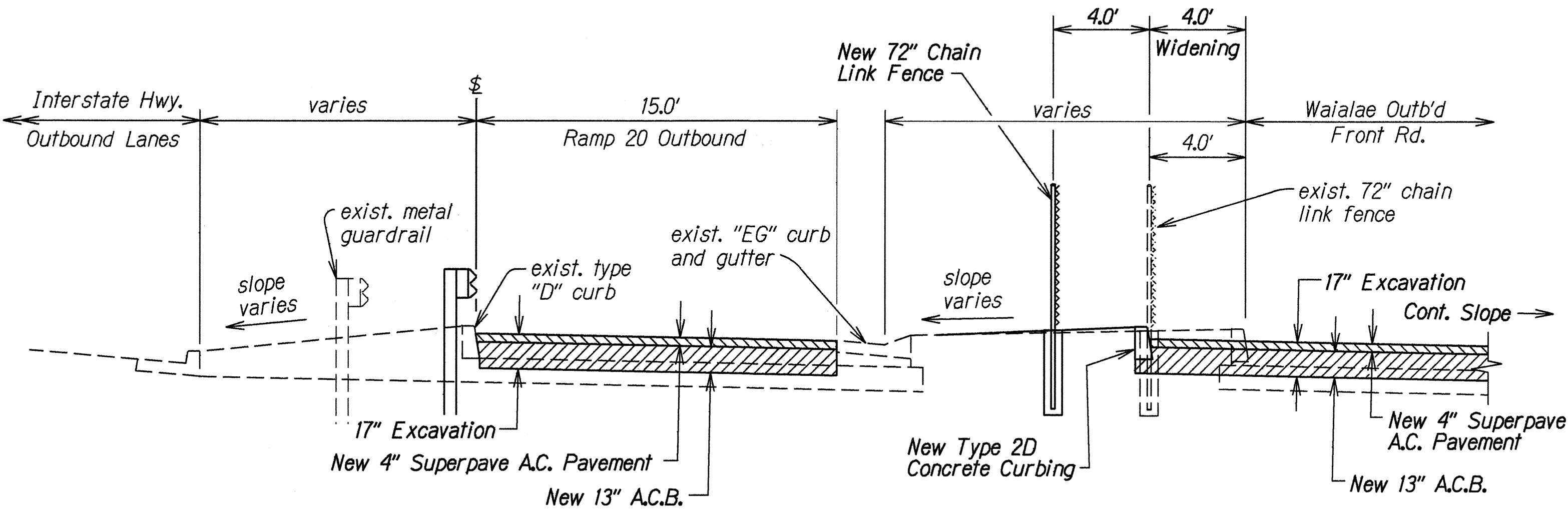


**TYPICAL SECTION**  
**WAIALAE OUTBOUND FRONTAGE ROAD - STRUCTURE #19**  
**STA. 4+37.28 TO STA. 5+82.02**  
 Scale: 1/2"=1'-0"

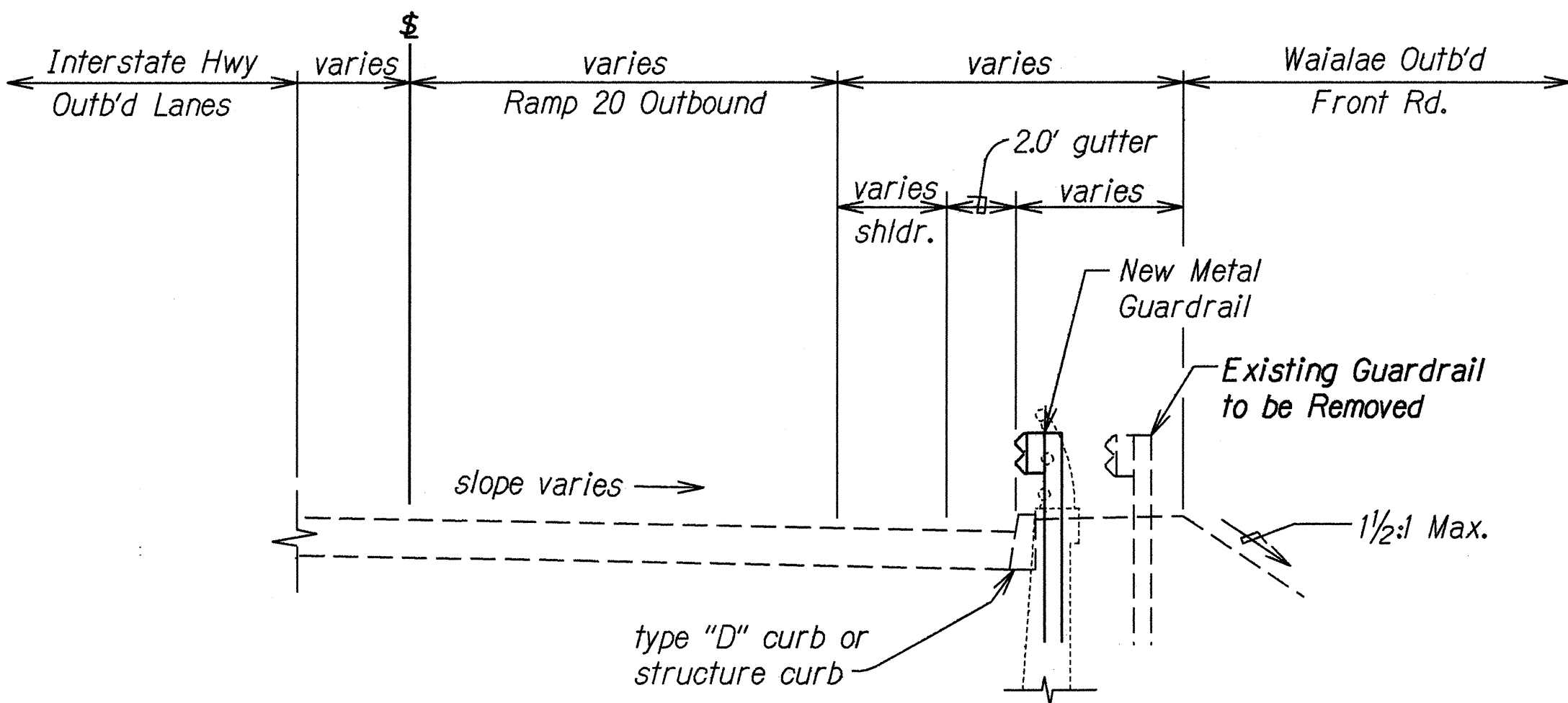
DESIGNED BY	DATE
TRACED BY	2/2/99
QUANTITIES BY	
CHECKED BY	

6-22-99	Revise Note " 1 1/2\" Excavation " to " 1 1/2\" Cold Plane " per Addendum No. 2.
6-10-99	Revise "Note Mix No. IV" to "Superpave."
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>TYPICAL SECTION</b> Interstate Route H-1 Resurfacing On Ramps at 5th and 11th Avenues and Off Ramps at 6th, Koko Head and Waialae Avenues F.A.I. Project No. NH-H1-1(236) Scale: As Shown Date: Feb., 1999	
SHEET No. 5 OF 9 SHEETS	

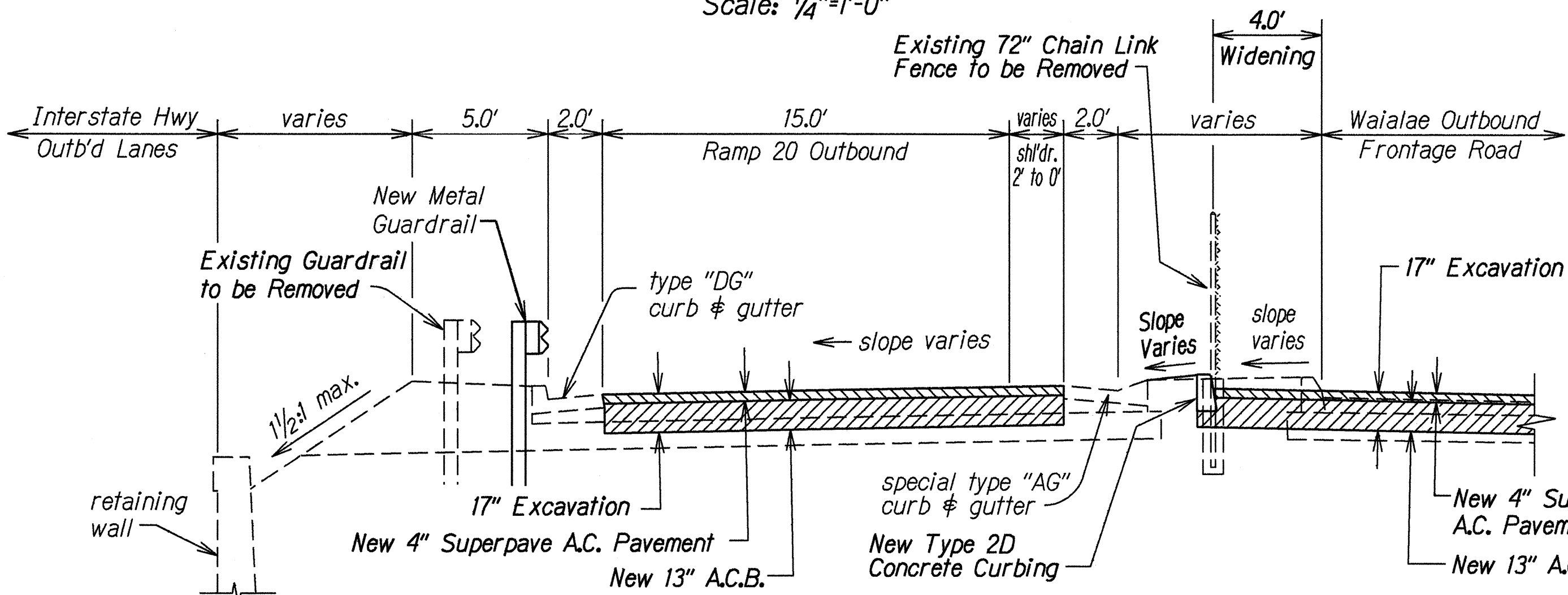
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(236)	1999	ADD.10	54



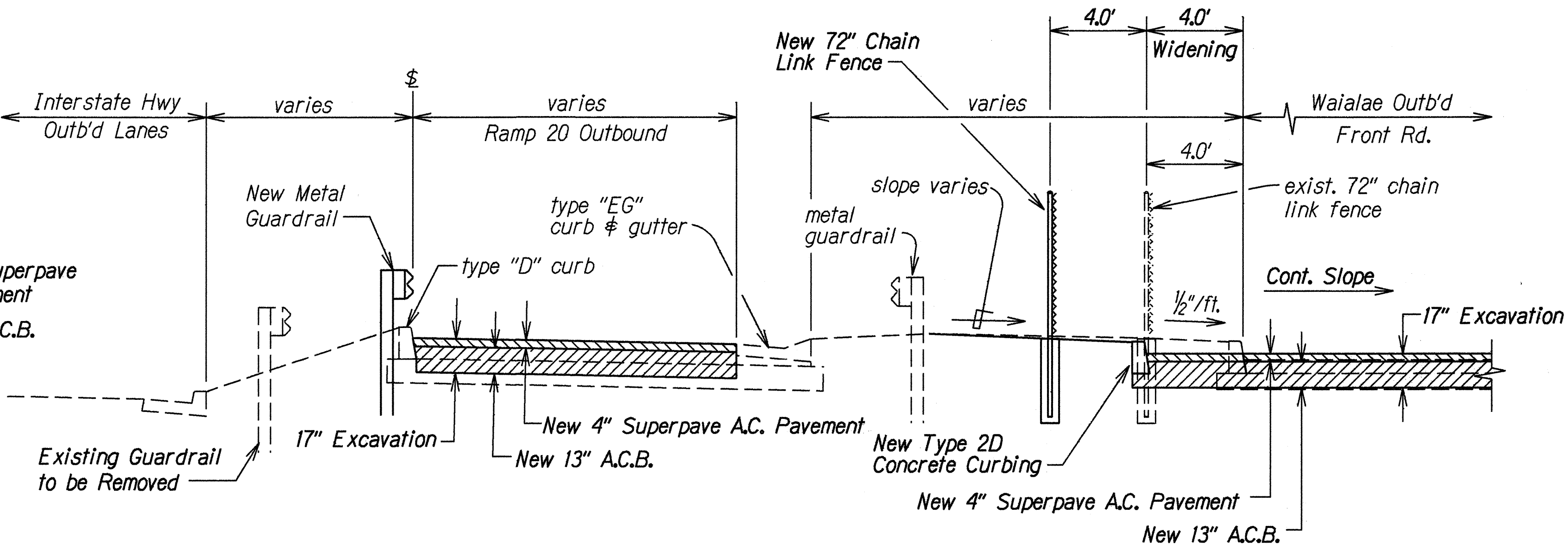
**TYPICAL SECTION - RAMP 20 OUTBOUND**  
**STA. 10+00 TO STA. 10+28.12**  
 Scale: 1/4"=1'-0"



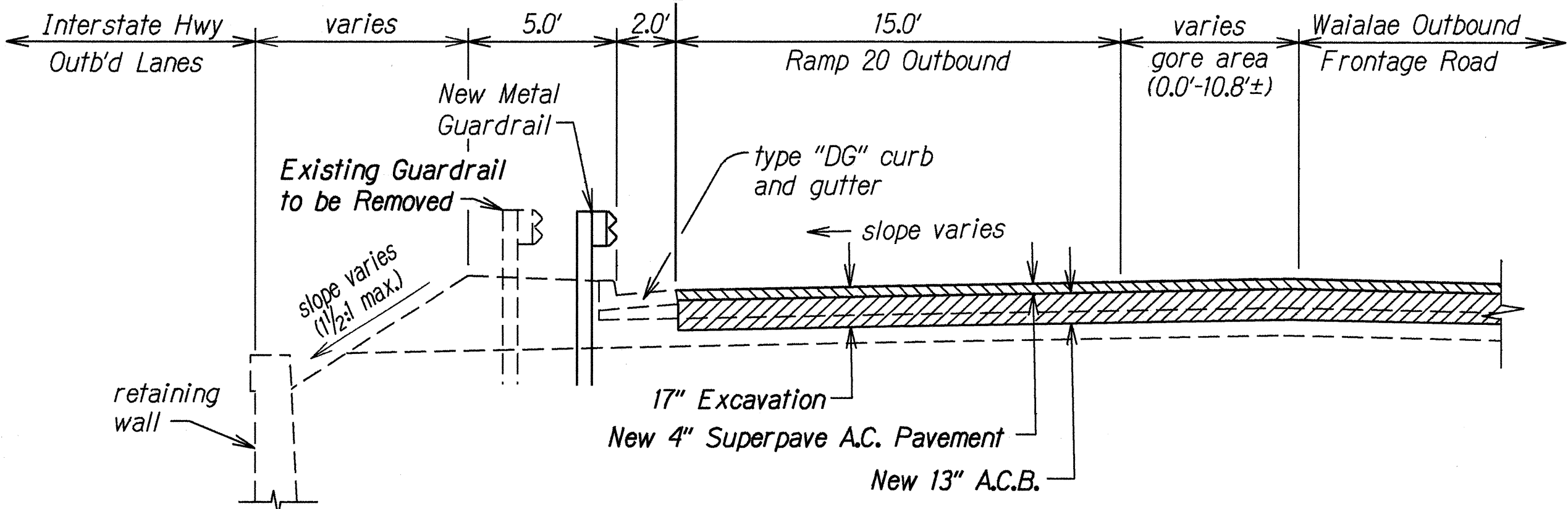
**TYPICAL SECTION - RAMP 20 OUTBOUND**  
**STA. 11+18.92 TO STA. 12+28**  
 Scale: 1/4"=1'-0"



**TYPICAL SECTION - RAMP 20 OUTBOUND**  
**STA. 9+15.81 TO STA. 10+00**  
 Scale: 1/4"=1'-0"



**TYPICAL SECTION - RAMP 20 OUTBOUND**  
**STA. 10+28.12 TO STA. 11+18.92**  
 Scale: 1/4"=1'-0"



**TYPICAL SECTION - RAMP 20 OUTBOUND**  
**STA. 7+05.78 (BEGIN) TO STA. 9+15.81**  
 Scale: 1/4"=1'-0"

6-10-99 Revise "Note Mix No. IV" to "Superpave."

DATE REVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**TYPICAL SECTION**

Interstate Route H-1 Resurfacing  
 On Ramps at 5th and 11th Avenues and  
 Off Ramps at 6th, Koko Head and Waialae Avenues  
 F.A.I. Project No. NH-HI-1(236)

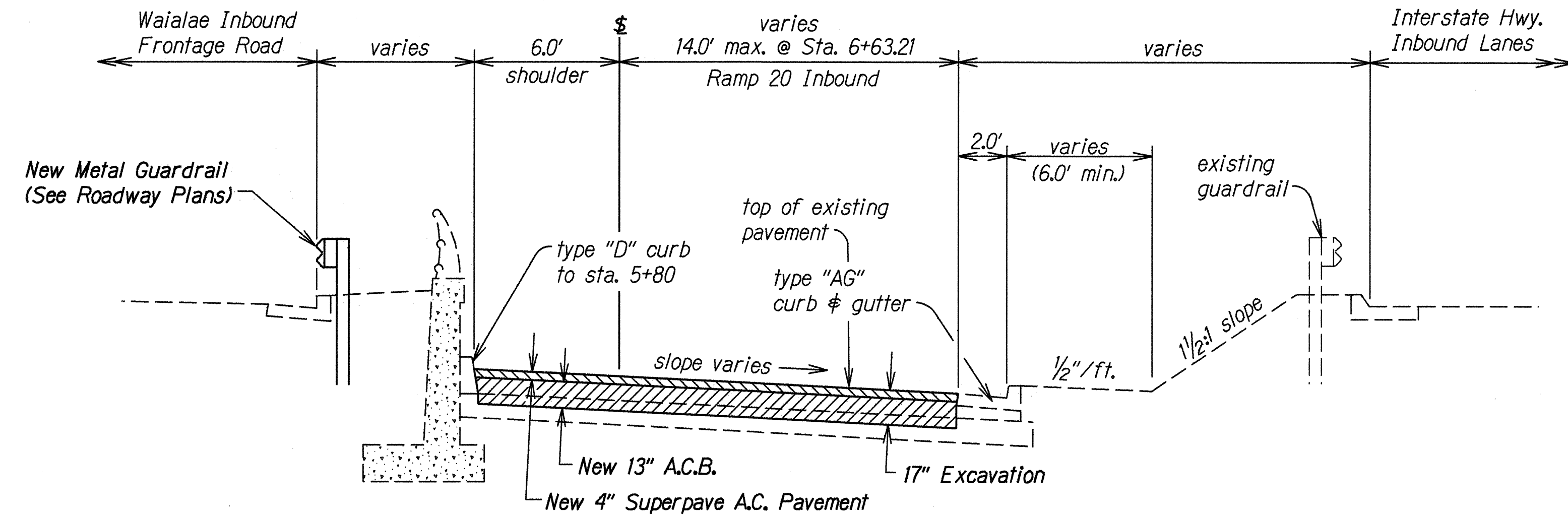
Scale: As Shown Date: Feb., 1999

SHEET No. 6 OF 9 SHEETS

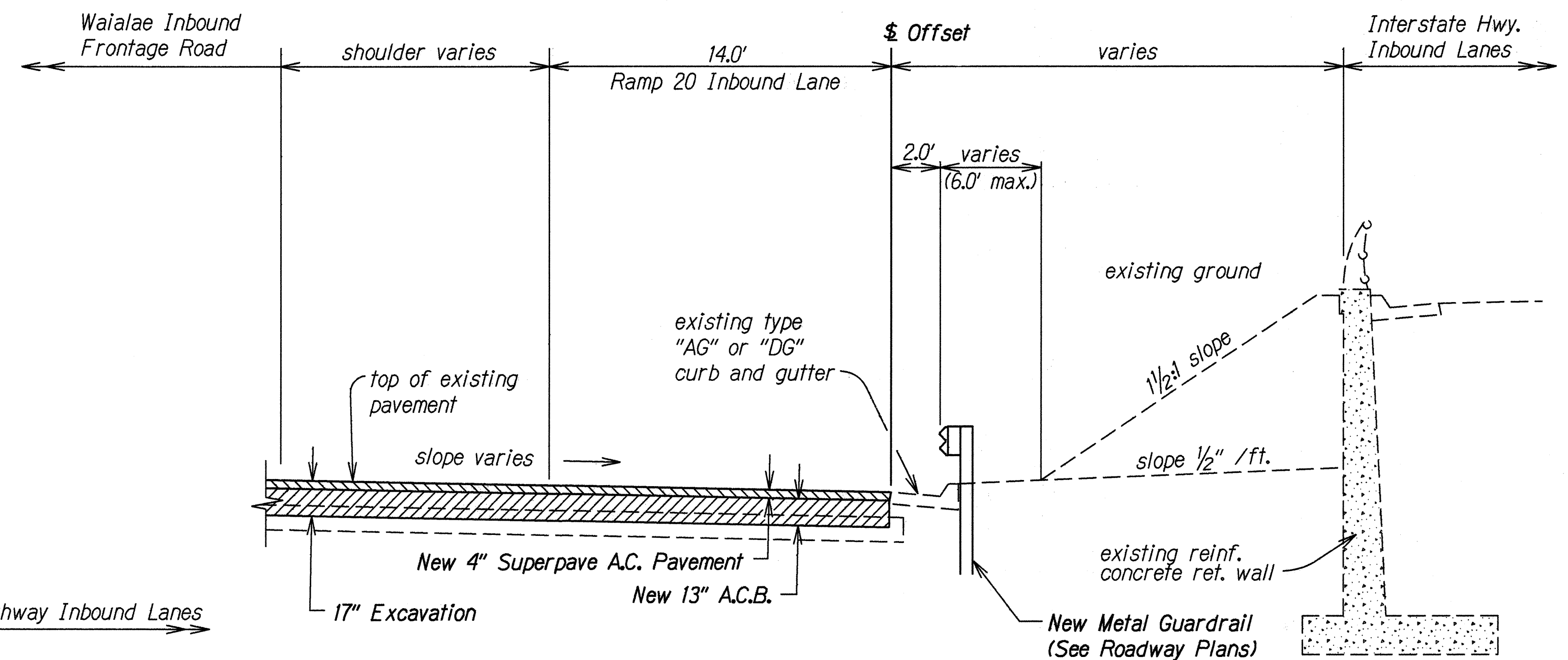
**ADD.10**

DATE	2/2/99
SURVEY PLOTTED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	
CHECKED BY	

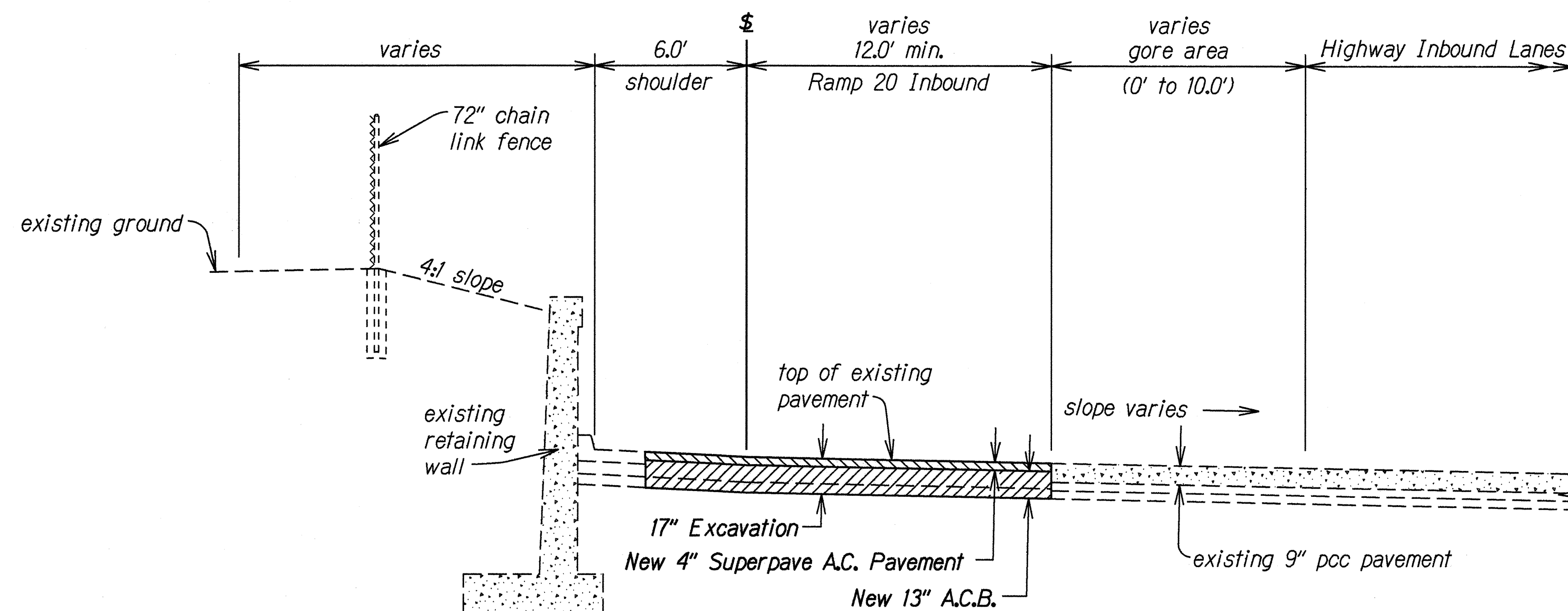
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(236)	1999	ADD.11	54



**TYPICAL SECTION - RAMP 20 INBOUND**  
**STA. 3+69.90 TO STA. 6+63.21**  
 Scale: 1/4"=1'-0"



**TYPICAL SECTION - RAMP 20 INBOUND**  
**STA. 6+63.21 TO STA. 8+87.94**  
 Scale: 1/4"=1'-0"

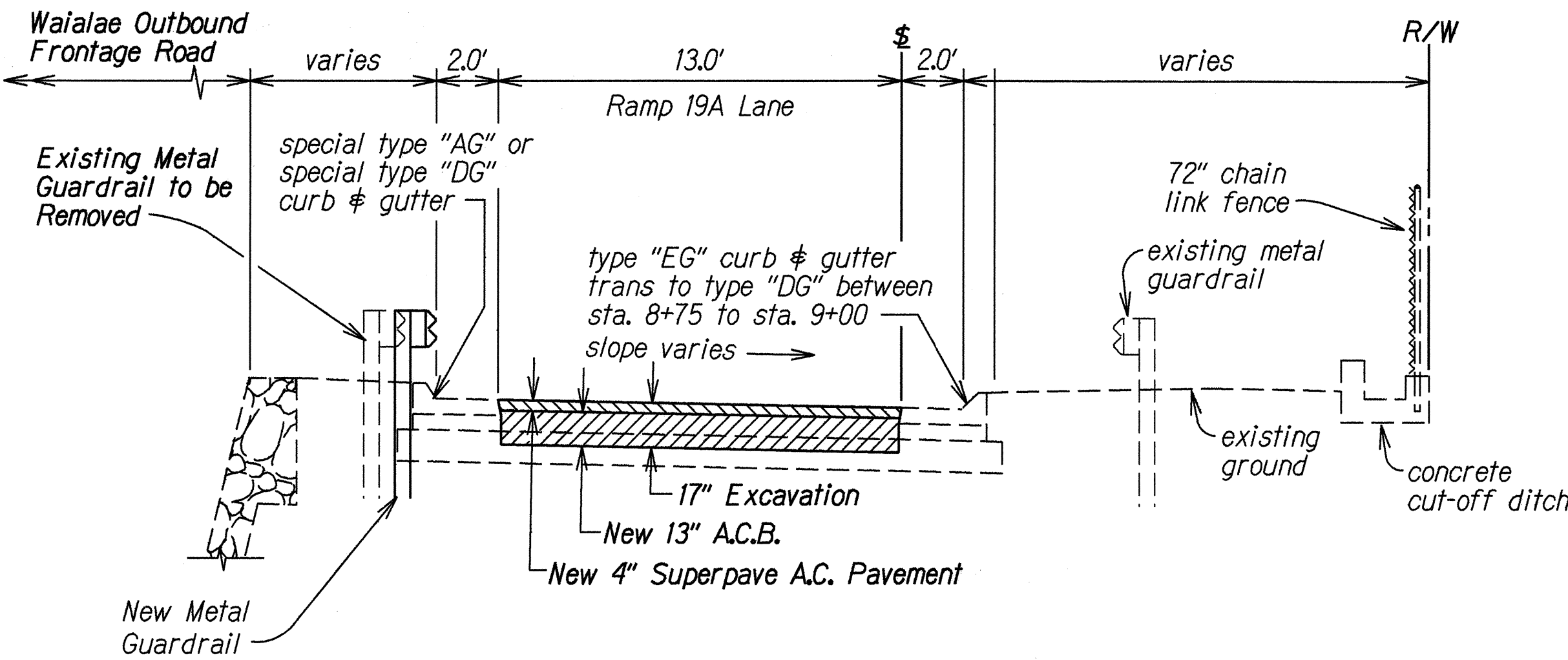


**TYPICAL SECTION - RAMP 20 INBOUND**  
**STA. 0+00 TO STA. 3+69.90**  
 Scale: 1/4"=1'-0"

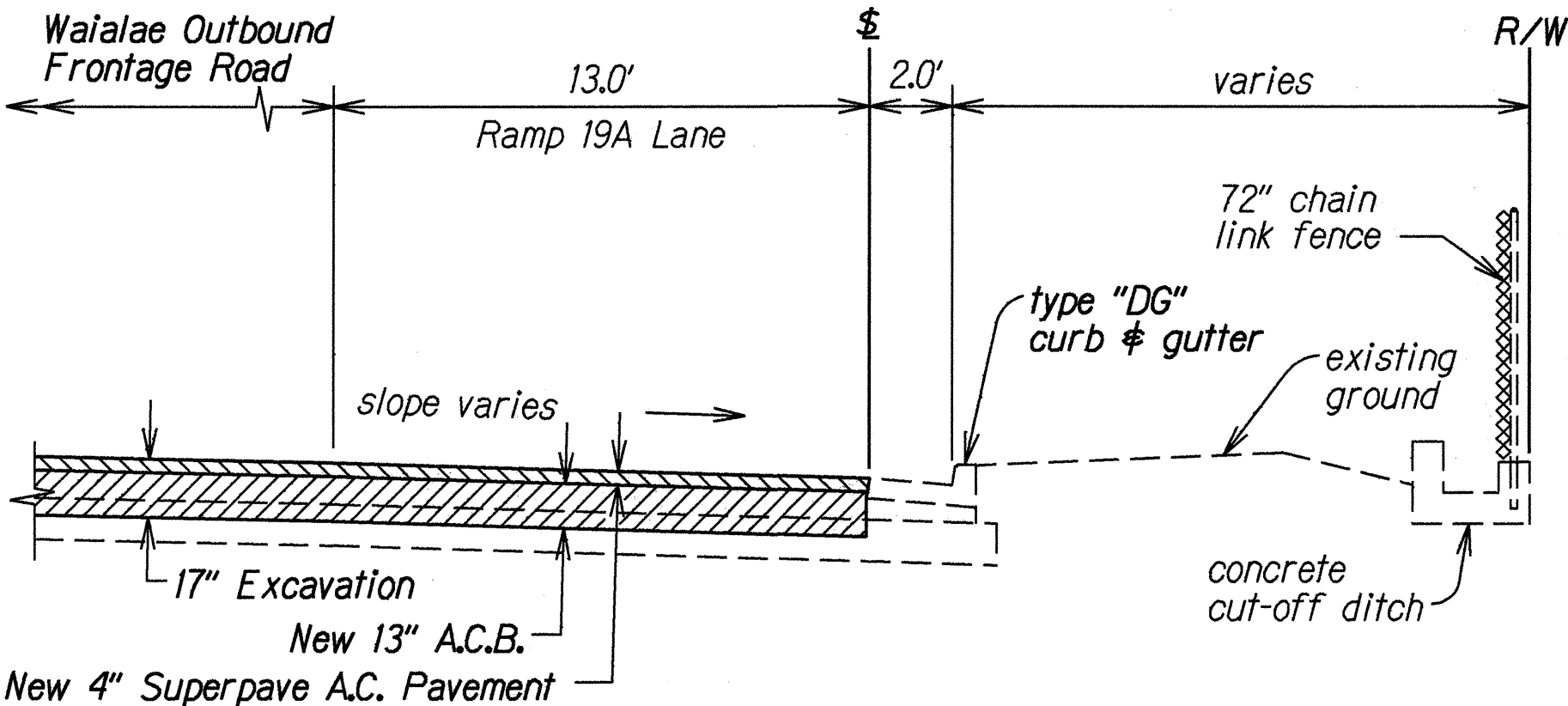
ORIGINAL PLAN	DATE
SURVEY PLATTED BY	2/2/99
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

6-10-99	Revise "Note Mix No. IV" to "Superpave."
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>TYPICAL SECTION</b> Interstate Route H-1 Resurfacing On Ramps at 5th and 11th Avenues and Off Ramps at 6th, Koko Head and Waialae Avenues F.A.I. Project No. NH-HI-1(236) Scale: As Shown Date: Feb, 1999	
SHEET No. 7 OF 9 SHEETS	

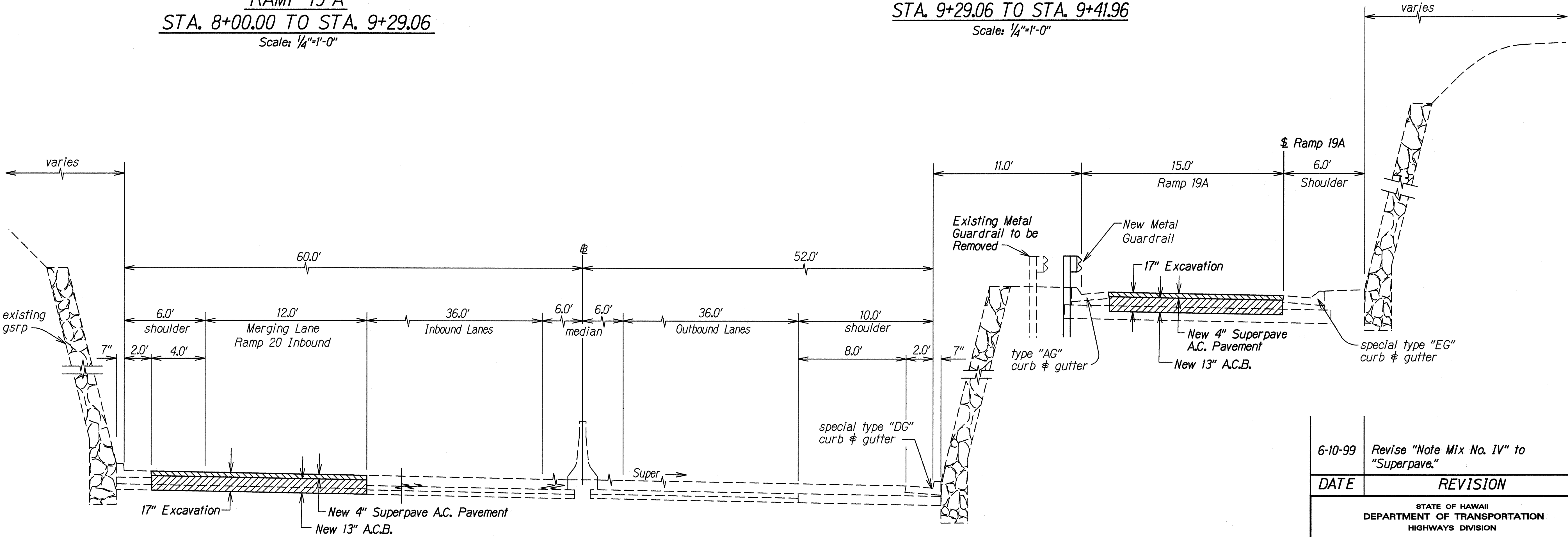
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(236)	1999	ADD.12	54



**RAMP 19-A**  
**STA. 8+00.00 TO STA. 9+29.06**  
 Scale: 1/4"=1'-0"



**RAMP 19-A**  
**STA. 9+29.06 TO STA. 9+41.96**  
 Scale: 1/4"=1'-0"

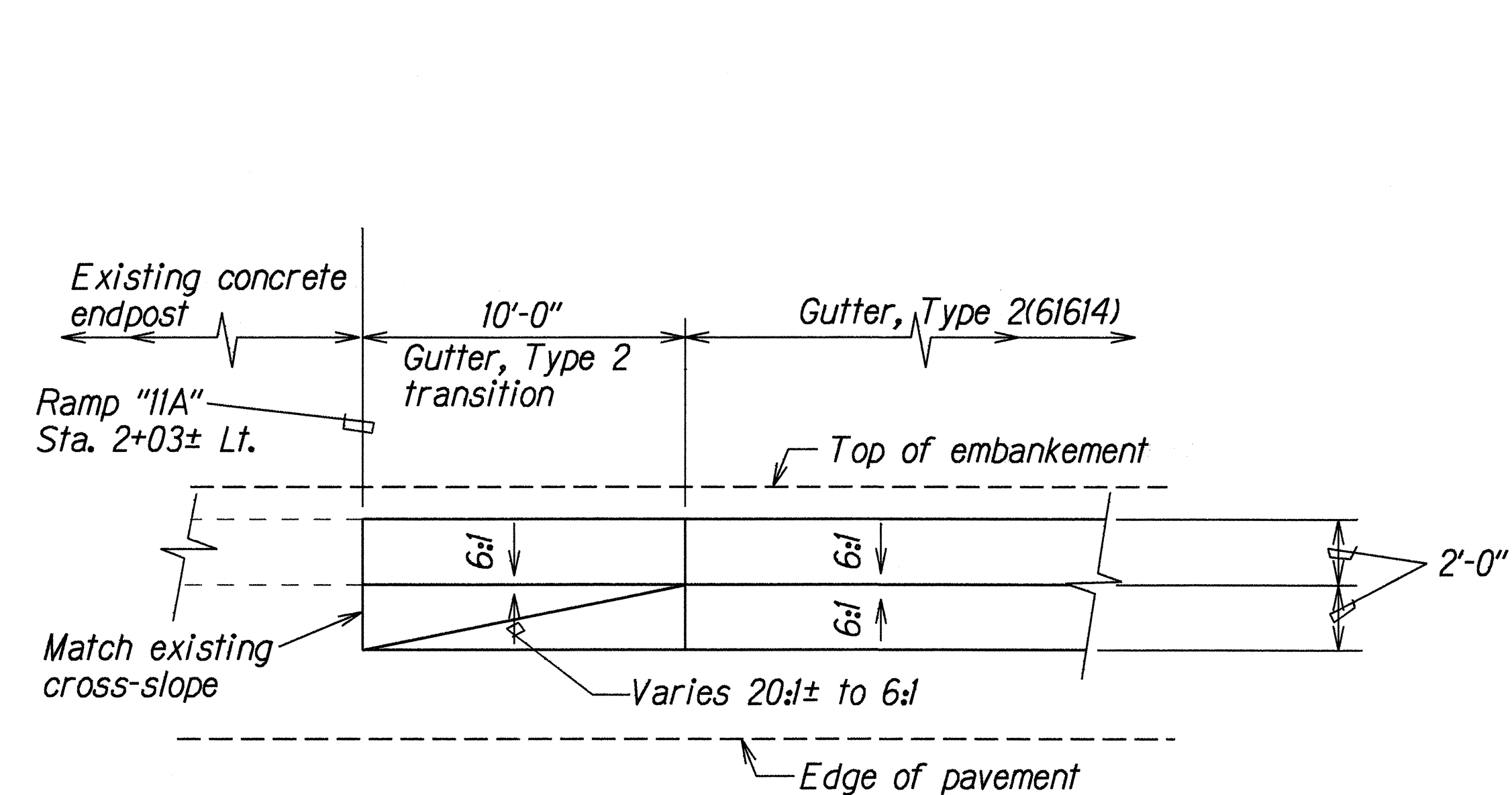


**STA. 129+66.64 TO STA. 132+71.62 (INBOUND)**  
**STA. 129+18.00 TO STA. 132+71.62 (OUTBOUND)**  
 Scale: 1/4"=1'-0"

6-10-99	Revise "Note Mix No. IV" to "Superpave."
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>TYPICAL SECTION</b> Interstate Route H-1 Resurfacing On Ramps at 5th and 11th Avenues and Off Ramps at 6th, Koko Head and Waialae Avenues F.A.I. Project No. NH-HI-1(236) Scale: As Shown Date: Feb, 1999	
SHEET No. 8 OF 9 SHEETS	

ORIGINAL PLAN	DATE: 2/2/99
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	
BY	
CHECKED BY	
DATE	

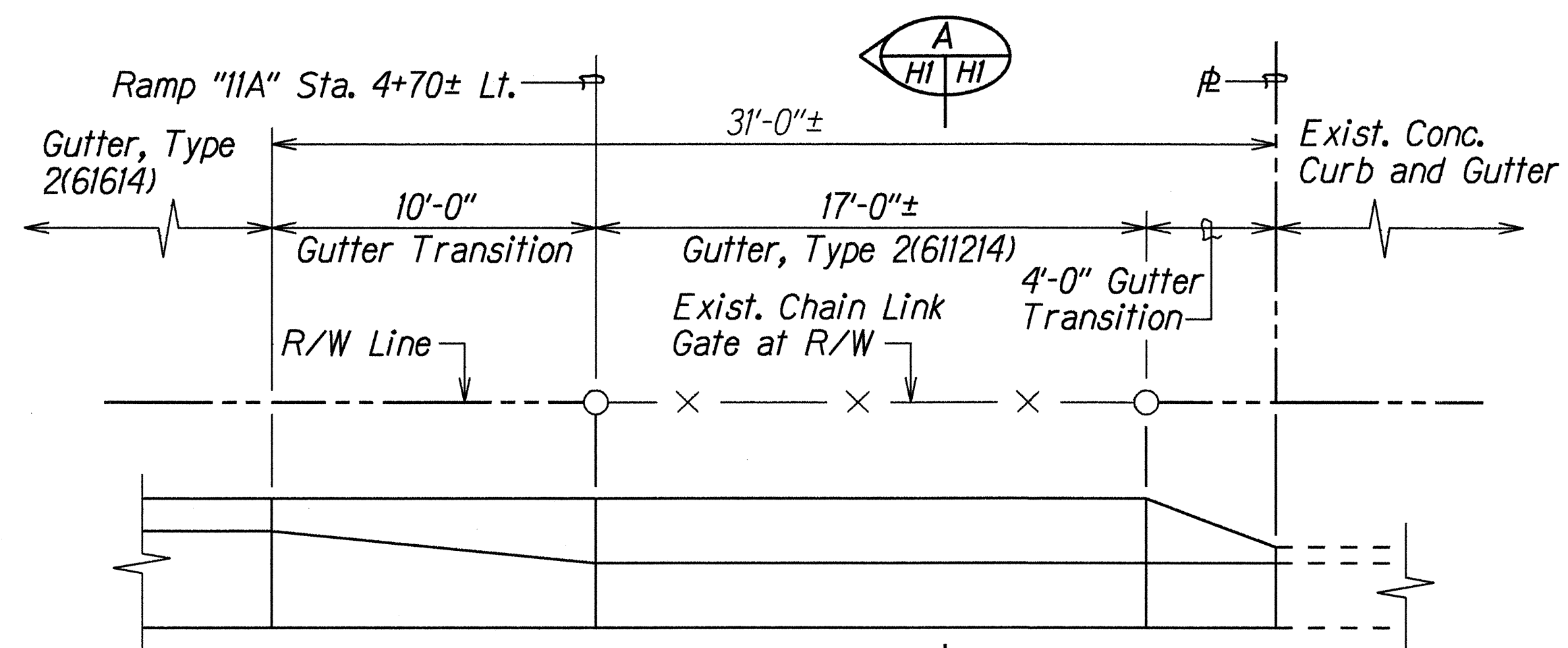
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(236)	1999	ADD.13	54



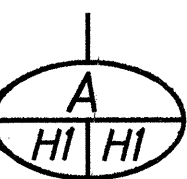
Note: Gutter, Type 2 transition shall be paid for under Item 609.2618, Gutter, Type 2(61614)

### DETAILS OF GUTTER, TYPE 2(61614) TRANSITION TO EXISTING CONCRETE ENDPOST

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

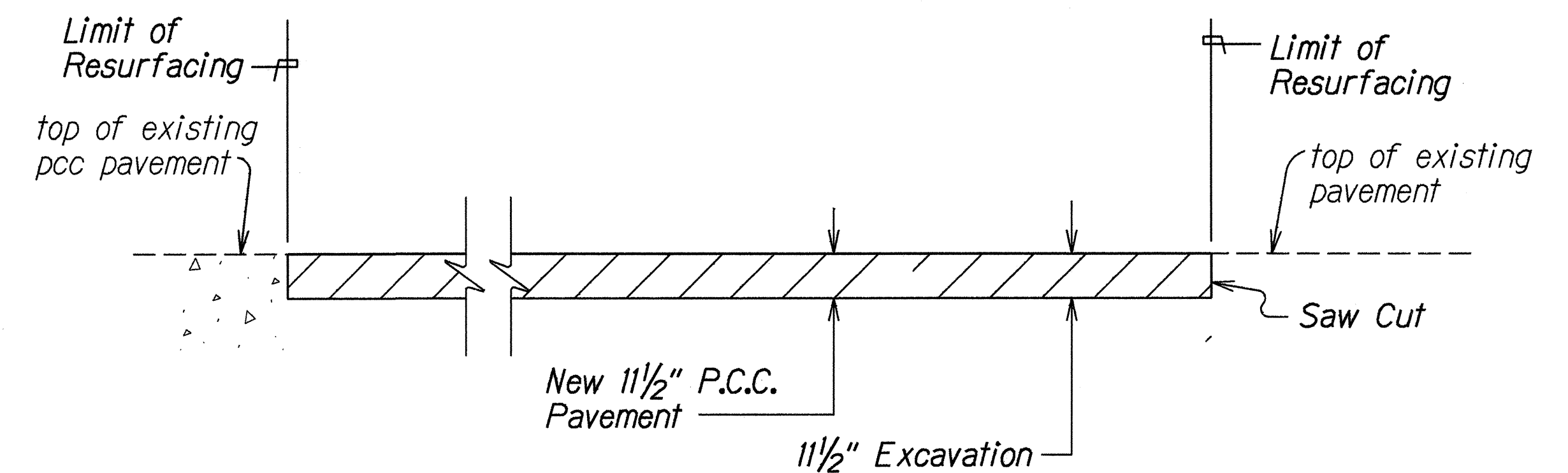


PLAN  
Scale: 1/4"=1'-0"



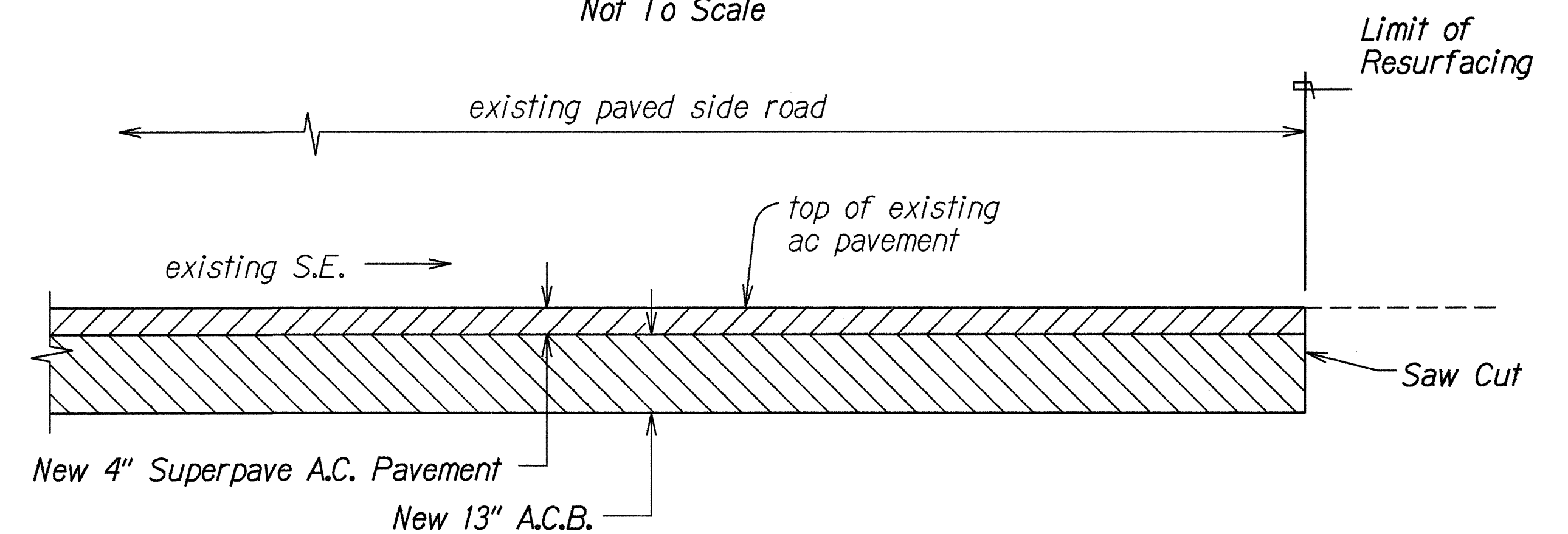
Direction of Travel

### DETAILS OF CONCRETE GUTTER TRANSITION AT RAMP "11A" STA. 4+70± LT.



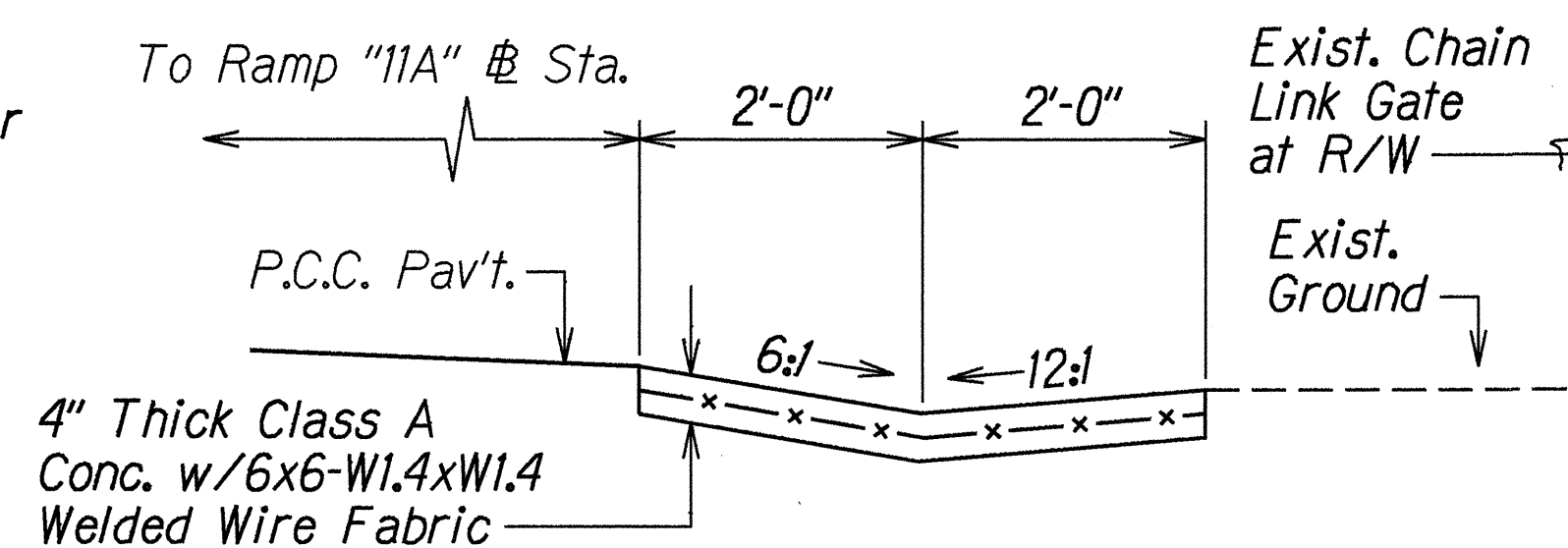
### TRANSITION TO EXISTING A.C. & P.C.C. PAVEMENTS BEGIN AND END OF PROJECT & RECONSTRUCTION DETAIL

Not To Scale



### A.C. RESURFACING AT PAVED SIDEROAD

Not To Scale



SECTION  
Scale: 3/4"=1'-0"

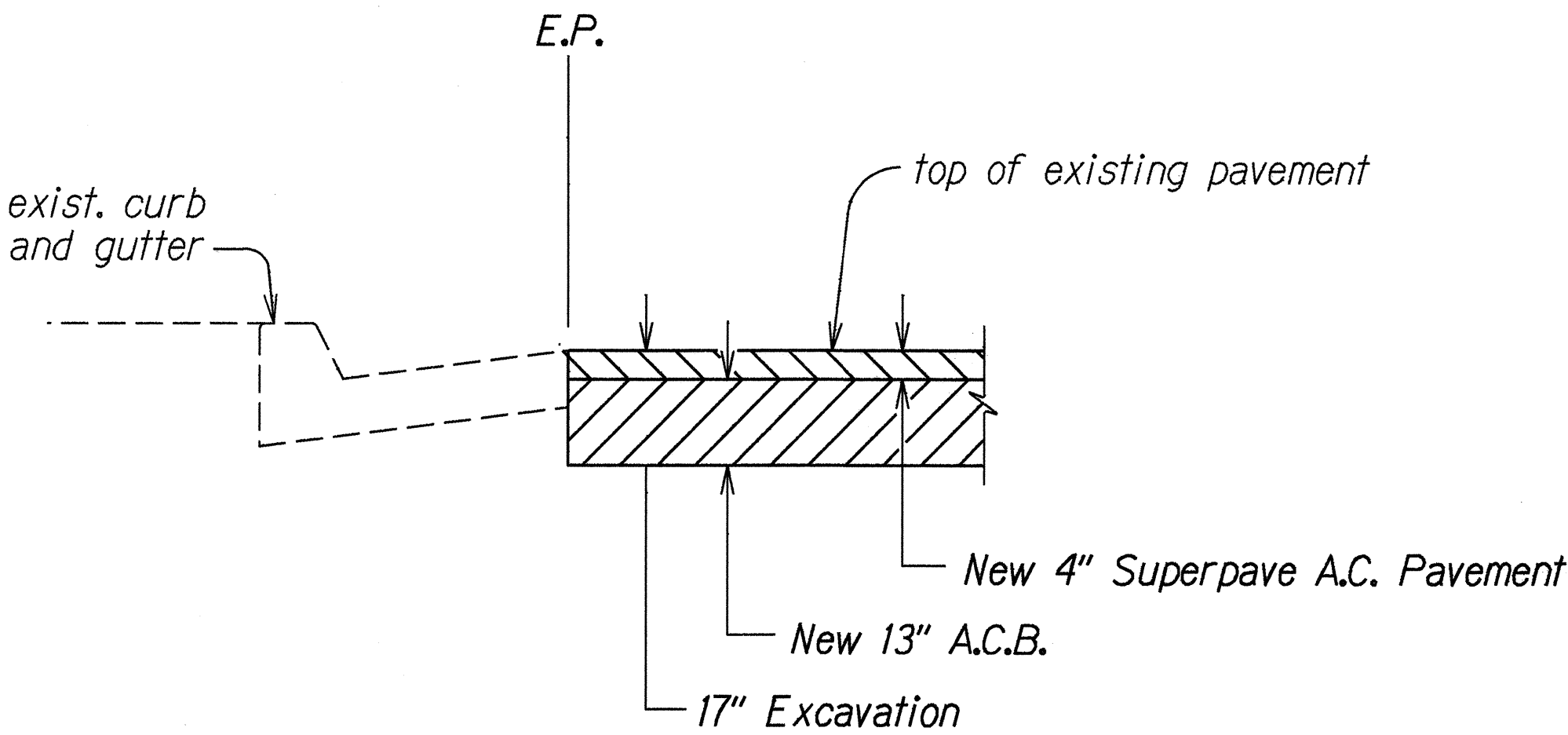


6-10-99	Revise "Note Mix No. IV" to "Superpave."
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>TYPICAL DETAILS</b> Interstate Route H-1 Resurfacing On Ramps at 5th and 11th Avenues and Off Ramps at 6th, Koko Head and Waialae Avenues F.A.I. Project No. NH-HI-1(236) Scale: As Shown Date: Feb, 1999	
SHEET No. 9 OF 10 SHEETS	

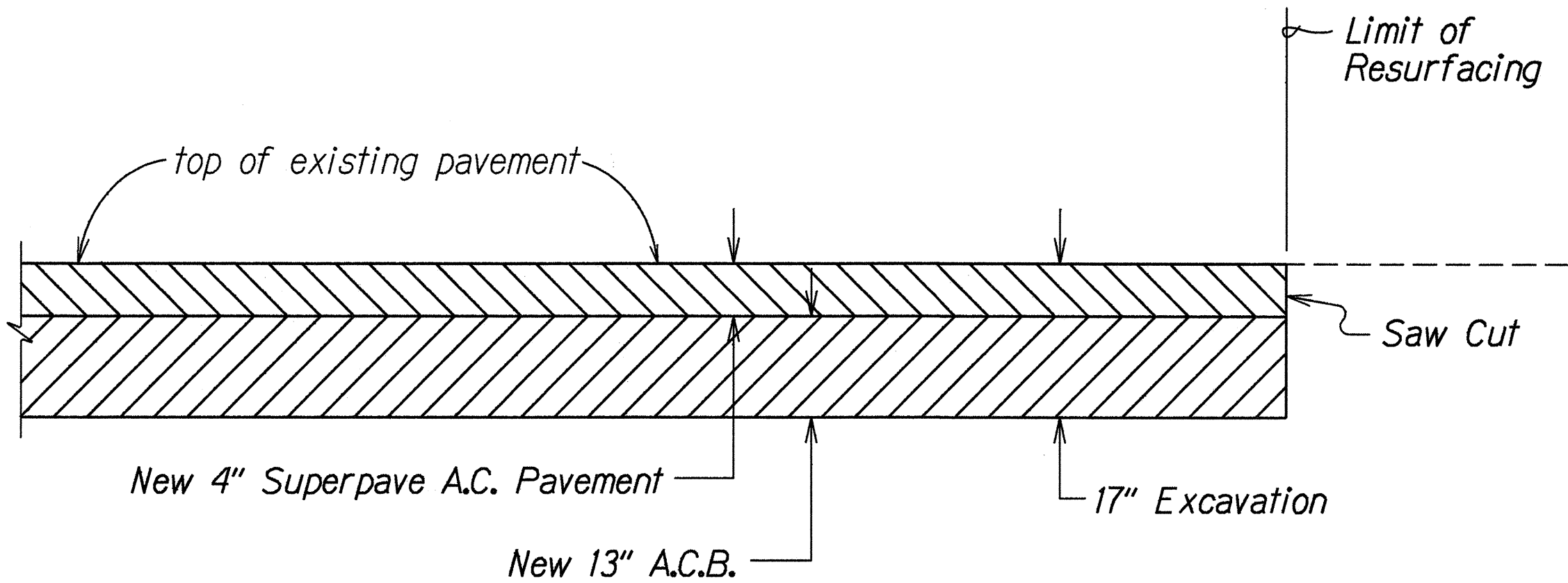
ADD.13

ORIGINAL PLAN	DATE	2/2/99
SURVEY PLATTED BY		
DRAWN BY		
DESIGNED BY		
CHECKED BY		
NOTED BY		
DATE		
CHECKED BY		

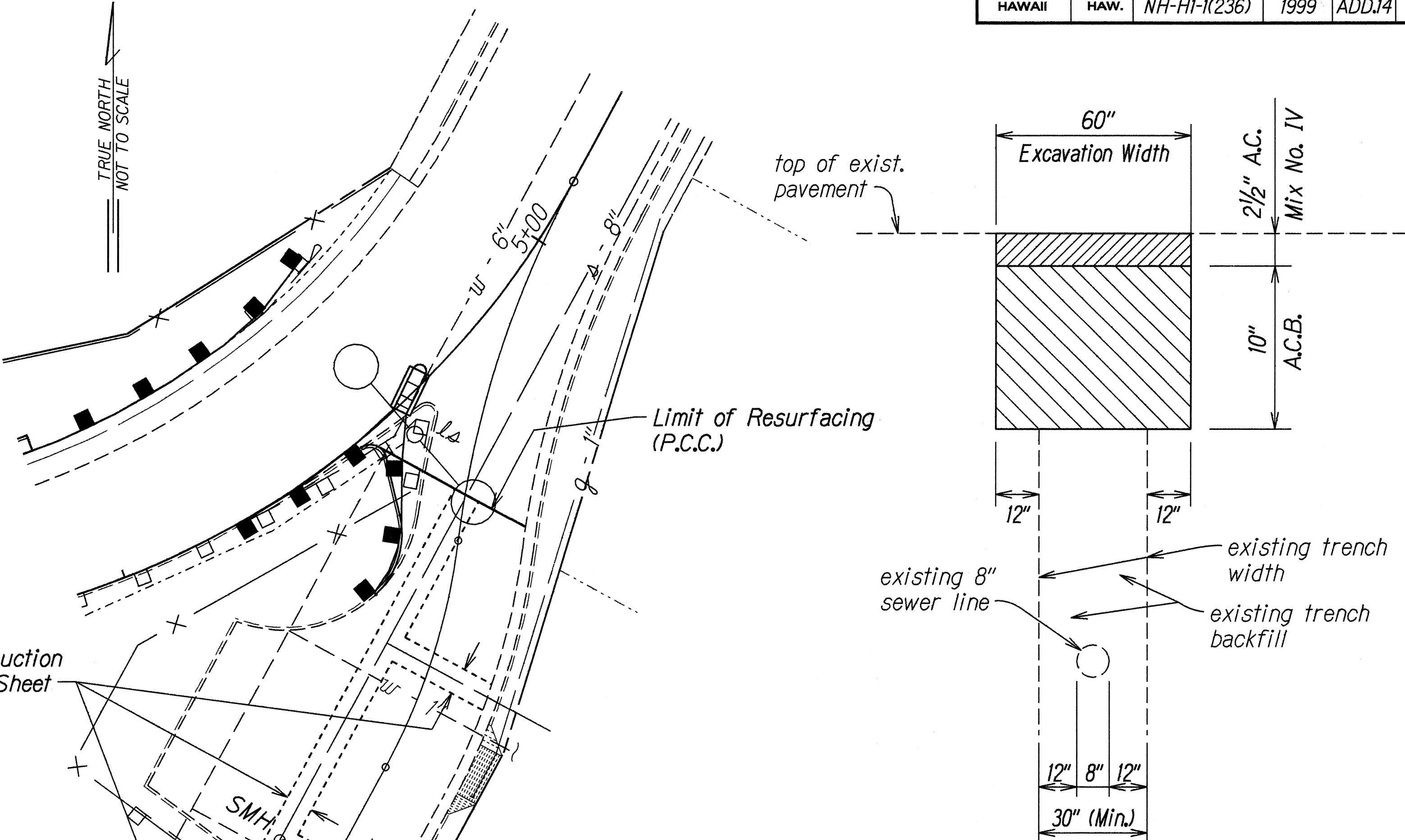
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(236)	1999	ADD.14	54



**RESURFACING AT CURB AND GUTTER**  
Not To Scale



**COLD PLANED TRANSITION  
TO EXISTING A.C. PAVEMENT**  
Not To Scale



**TRENCH RECONSTRUCTION DETAIL  
AT RAMP "11A" (CUL-DE-SAC)**  
Not to Scale

**TRENCH RECONSTRUCTION PLAN  
AT RAMP "11A" (CUL-DE-SAC)**  
Not to Scale

ORIGINAL PLAN	DATE	2/22/99
DESIGNED BY	DESIGNED BY	
NOTED BY	NOTED BY	
CHECKED BY	CHECKED BY	

6-10-99	Revise "Note Mix No. IV" to "Superpave." and Trench Reconstruction Plan.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>TYPICAL SECTION AND DETAIL</b> Interstate Route H-1 Resurfacing On Ramps at 5th and 11th Avenues and Off Ramps at 6th, Koko Head and Waialae Avenues F.A.I. Project No. NH-HI-1(236) Scale: As Shown Date: Feb, 1999 SHEET No. 10 OF 10 SHEETS	