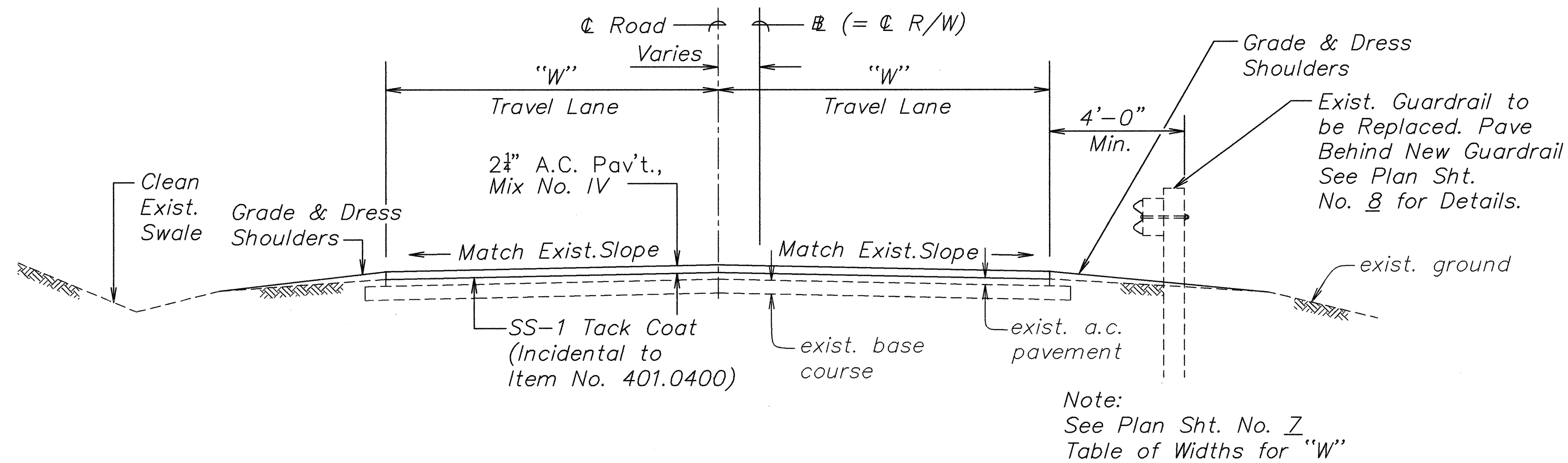
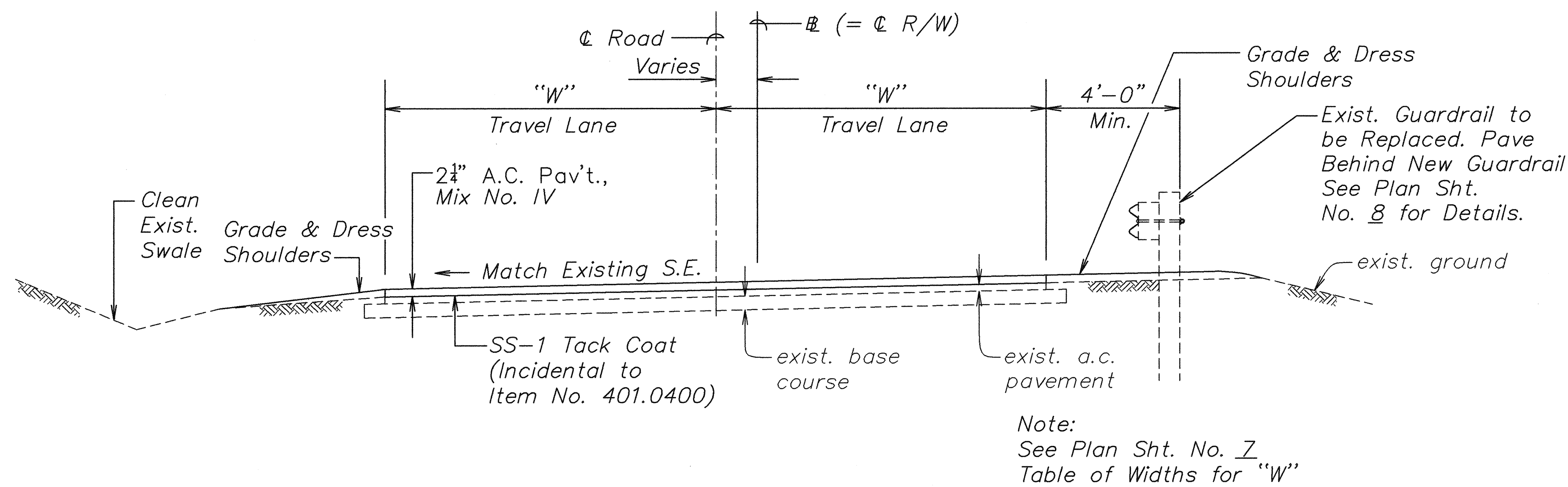


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	580A-01-99M	2000	4	27



TYPICAL SECTION ON TANGENT

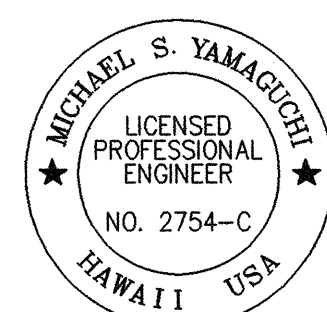
Scale: 1/2"=1'-0"



TYPICAL SECTION ON CURVE

Scale: 1/2"=1'-0"

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
AKUAKTSOI	
CHECKED BY	
No.	



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

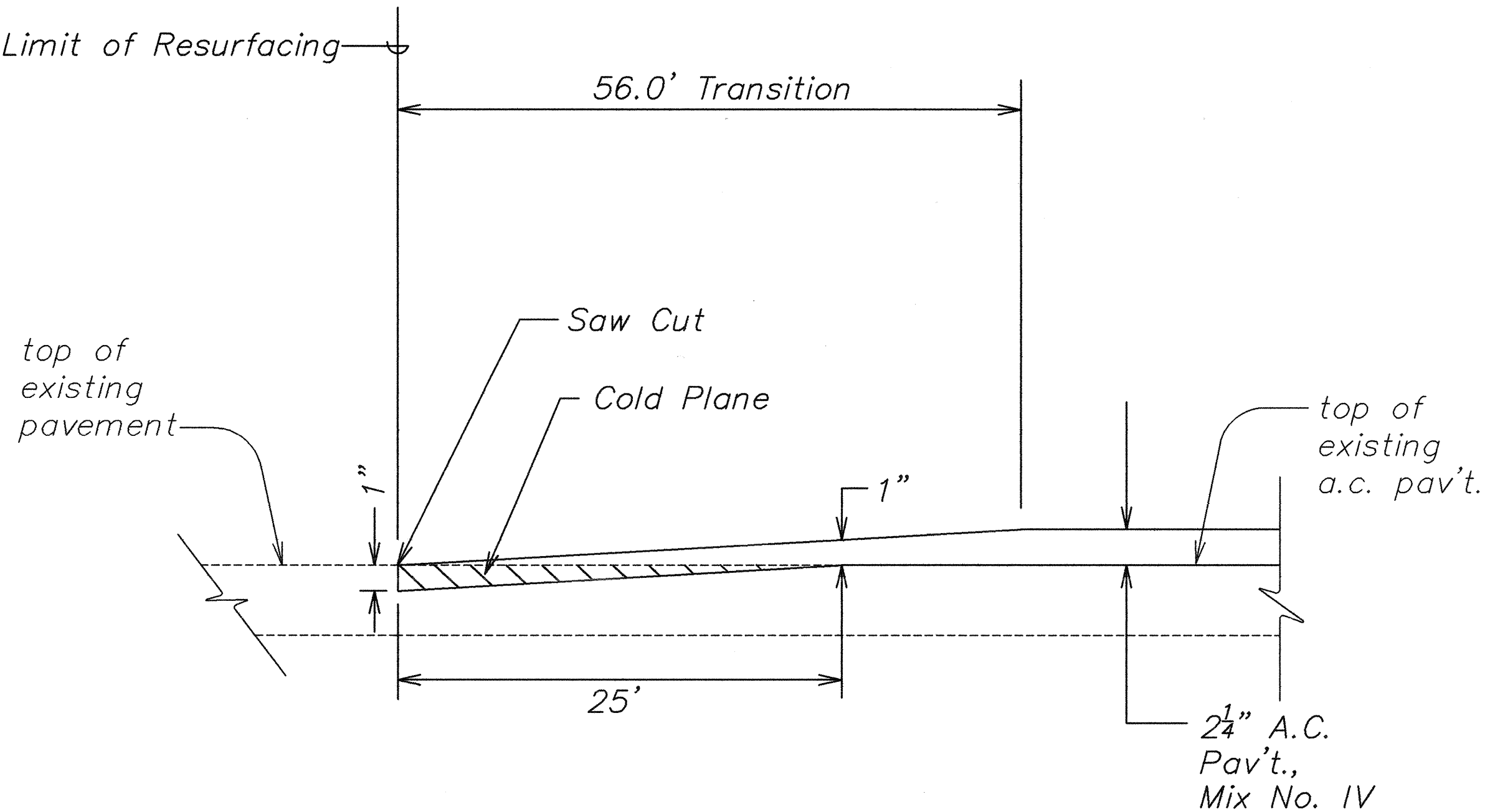
KUAMOO ROAD RESURFACING
Vicinity of U.H. Agricultural Station to
End of Kuamoo Road
Project No. 580A-01-99M

Scale: As Noted

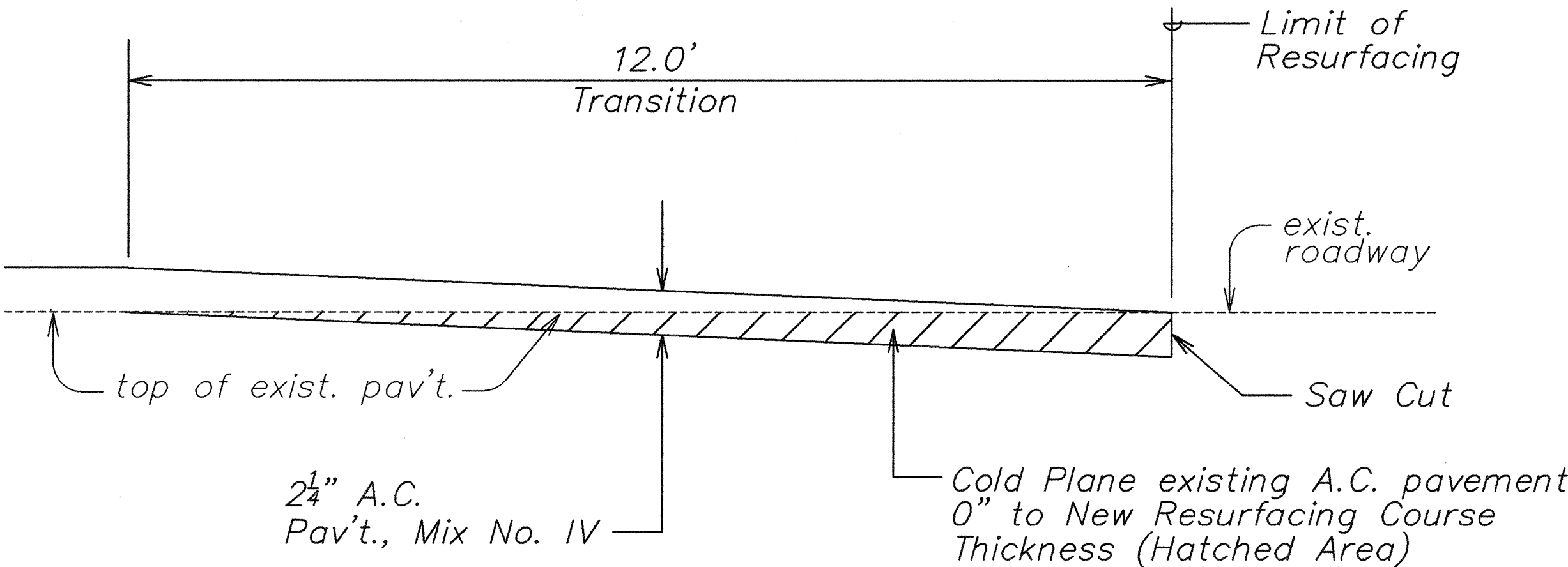
Date: April, 2000

SHEET No. 1 OF 4 SHEETS

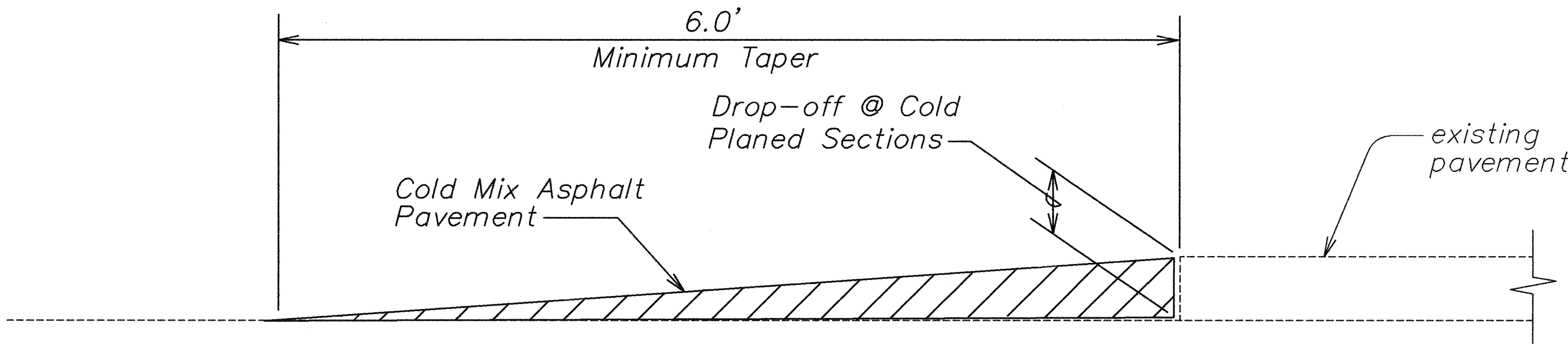
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	580A-01-99M	2000	5	27



COLD PLANED TRANSITION AT BEGINNING & END OF WORK
 Not to Scale

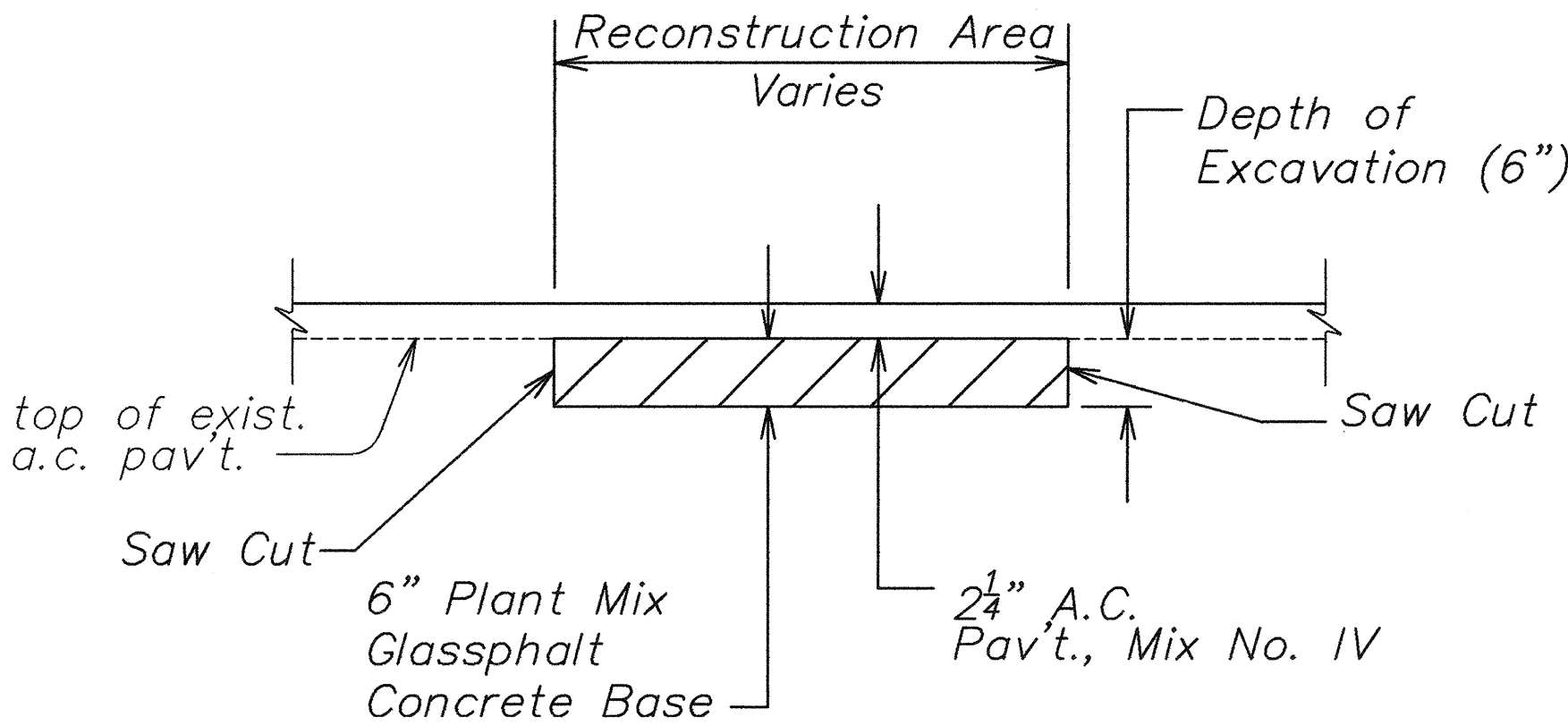


COLD PLANED TRANSITION AT EXISTING DRIVEWAY
 Not To Scale



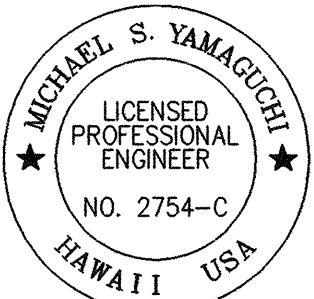
TEMPORARY TRANSITION AT COLD PLANED AREAS
 Not to Scale

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



A.C. PAVEMENT RECONSTRUCTION DETAIL
 Not To Scale

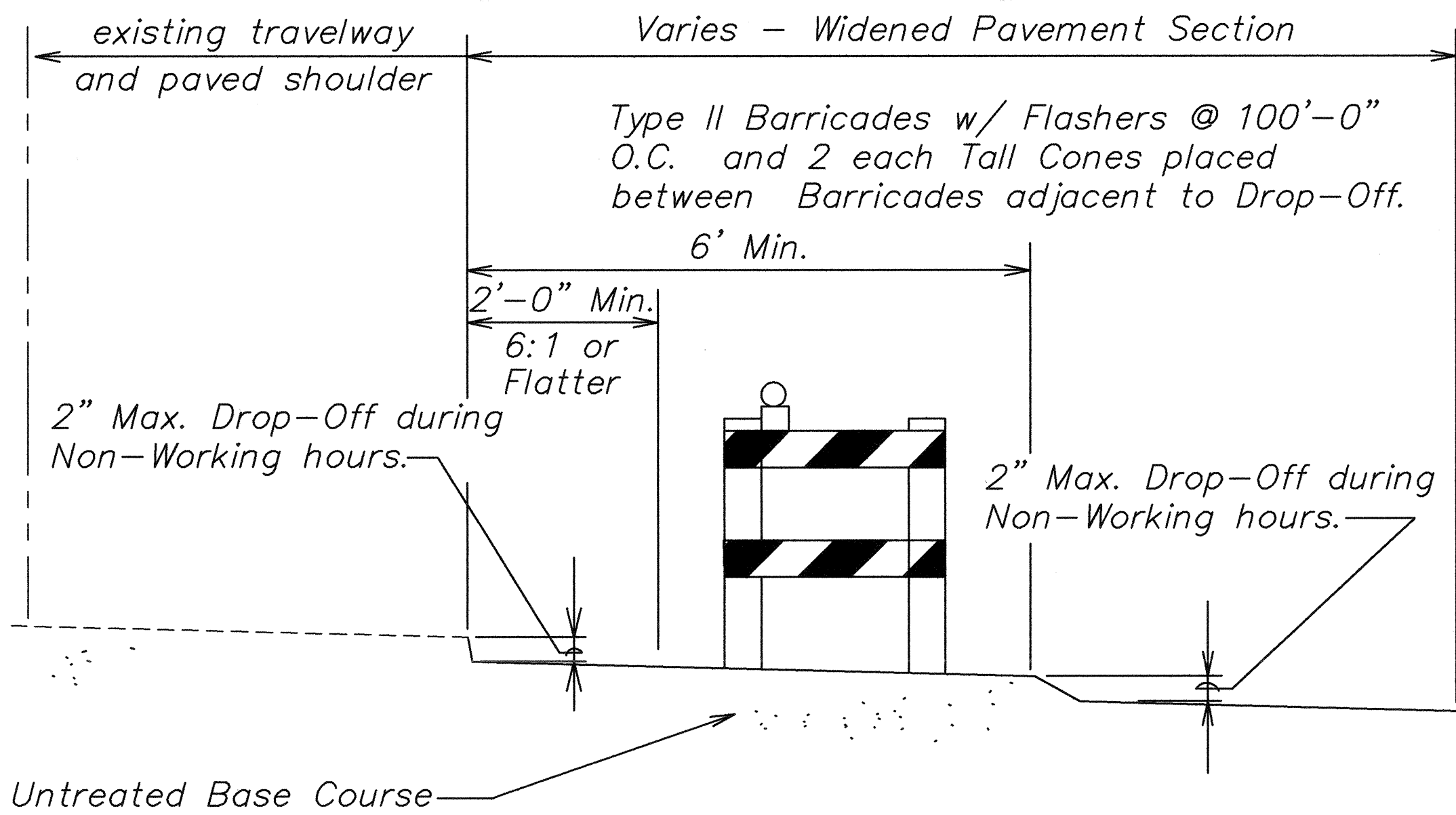
ORIGINAL PLAN	DATE
NOTED BY	DATE
QUANTITIES BY	DATE
CHECKED BY	DATE
NO.	DATE



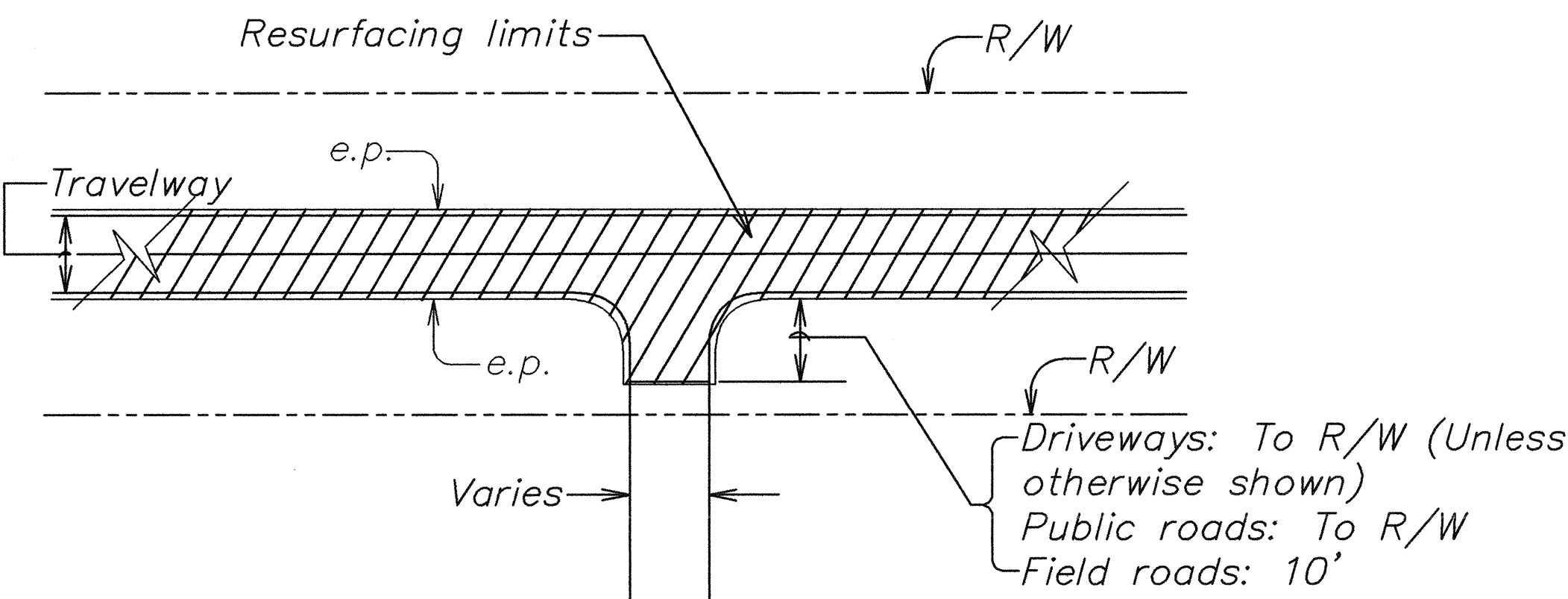
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STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
<u>TYPICAL SECTIONS</u>
<u>KUAMOO ROAD RESURFACING</u>
<u>Vicinity of U.H. Agricultural Station to</u>
<u>End of Kuamoo Road</u>
<u>Project No. 580A-01-99M</u>
Scale: As Noted Date: April, 2000

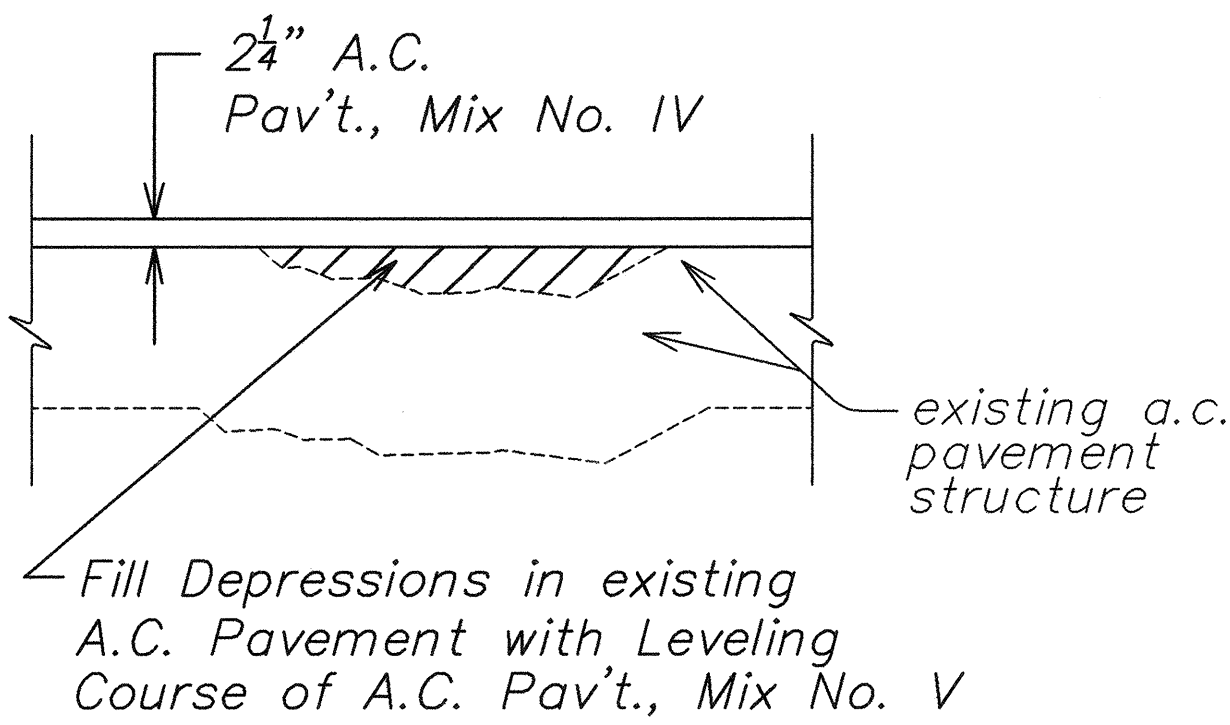
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	580A-01-99M	2000	6	27



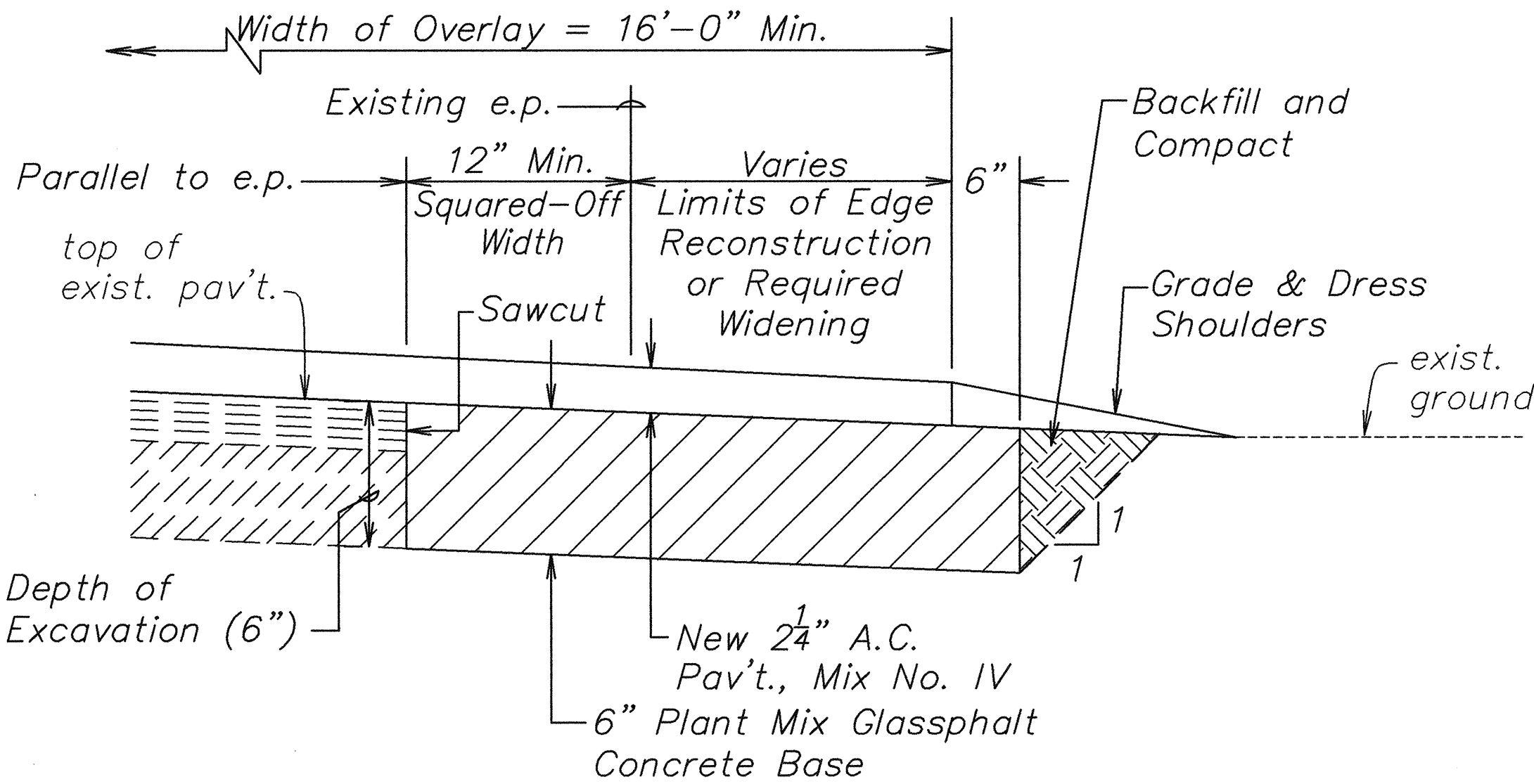
PAVEMENT DROP-OFF DETAIL
Not to Scale



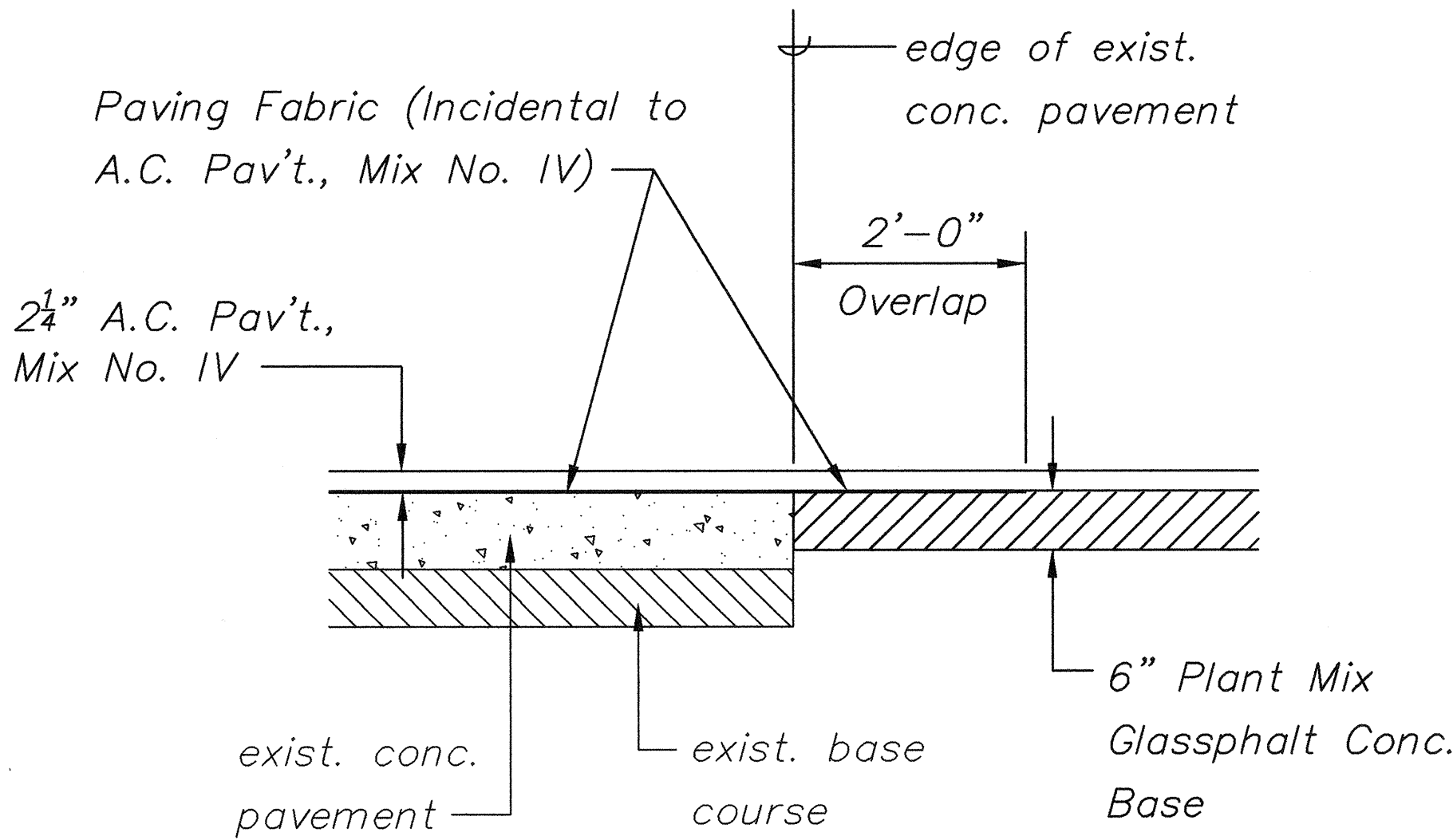
TYPICAL RESURFACING LIMITS
Not To Scale



LEVELING COURSE DETAIL
Not To Scale

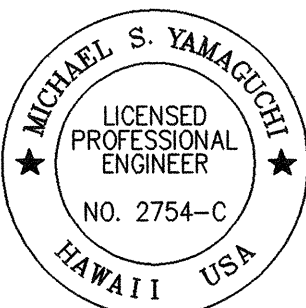


EDGE RECONSTRUCTION OR PAVEMENT WIDENING DETAIL
Not to Scale



TRACTOR CROSSING RESURFACING DETAIL
SCALE: 3/4"=1'-0"

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
KUAMOO ROAD RESURFACING
Vicinity of U.H. Agricultural Station to End of Kuamoo Road
Project No. 580A-01-99M
Scale: As Noted Date: April, 2000

duokts04.DWG Wed. May. 17, 2000 - 09:26:40

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DESIGNED BY	FILED BY
QUANTITIES BY	CHECKED BY	
AKUM/1504		
No.		

PAVEMENT WIDTHS AND AREAS

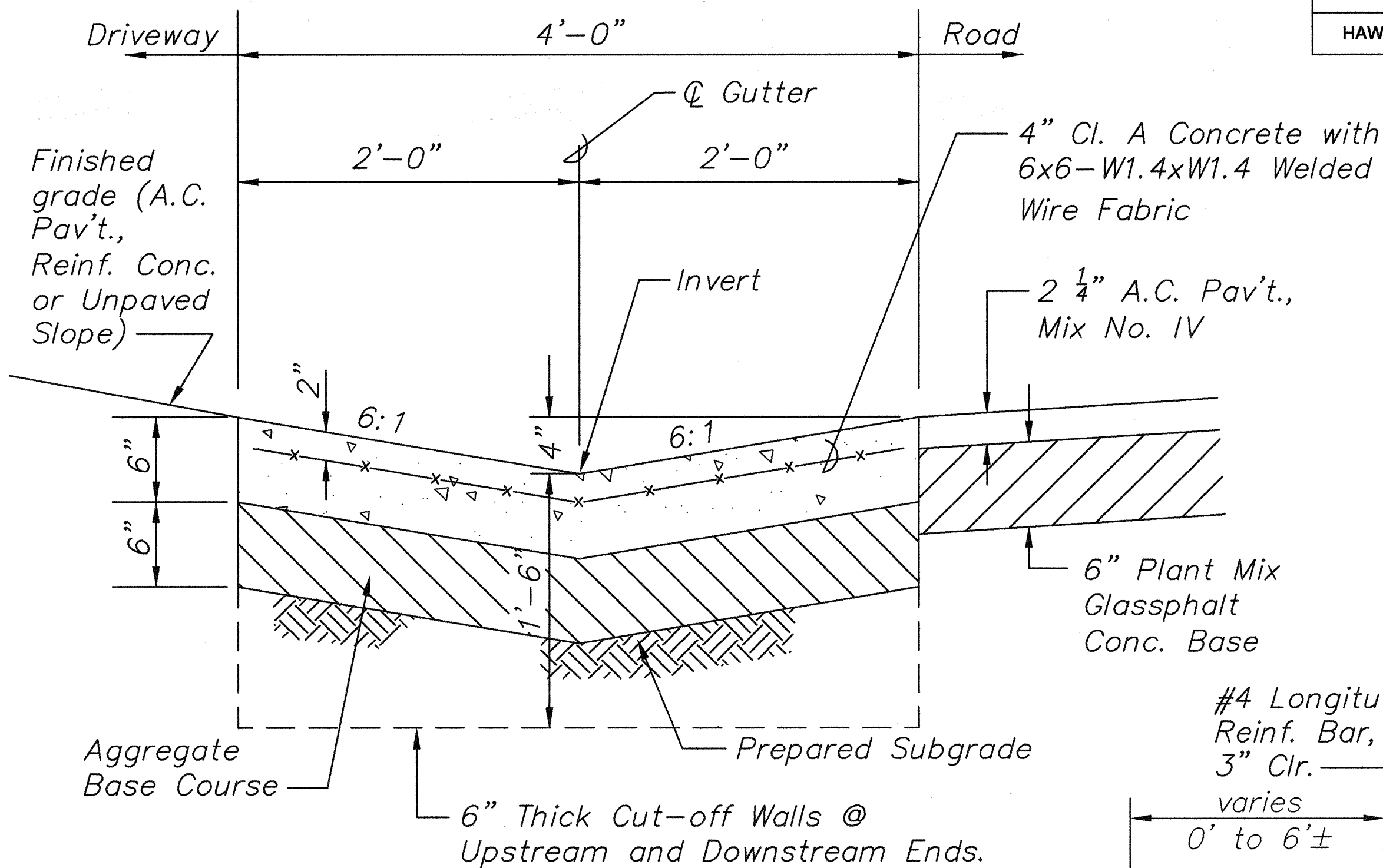
STATION	TOTAL WIDTH OF OVERLAY (FT.)	"W" TRAVEL LANE (FT.)	STATION	TOTAL WIDTH OF OVERLAY (FT.)	"W" TRAVEL LANE (FT.)
50+43±	14	7	85+15	17	8.5
51+60	16	8	85+90	17	8.5
54+33	16	8	86+20	16	8
54+50	18	9	86+70	16	8
55+60	18	9	87+25	18	9
57+06	21	10.5	87+60	18	9
57+55	16	8	88+80	16	8
58+90	18	9	92+72	16	8
59+30	22	11	93+65	18	9
60+00	22	11	94+30	18	9
61+00	16	8	94+65	16	8
62+43	17	8.5	101+20	16	8
65+00	17	8.5	102+00	18	9
65+50	18	9	103+00	18	9
67+00	20	10	103+40	16	8
68+00	16	8	108+38	16	8
77+00	16	8	108+63	17	8.5
77+50	18	9	108+85	17	8.5
78+10	18	9	109+00	16	8
78+90	16	8	114+70	16	8
82+10	16	8	115+25	19	9.5
82+55	17	8.5	115+60	19	9.5
83+65	17	8.5	116+05	16	8
84+35	16	8	148+77	16	8
84+90	16	8			

CURVE DATA

Curve No.	①	②	③	④	⑤	⑥	⑦	⑧	⑨
Δ	63° 27' 30"	6° 28' 19"	61° 49' 33"	80° 02' 25"	30° 36' 52"	70° 33' 05"	7° 26' 30"	17° 29' 49"	8° 40' 07"
Δ/2	31° 43' 45"	3° 14' 09.5"	30° 54' 46.5"	40° 01' 12.5"	15° 18' 26"	35° 16' 32.5"	3° 43' 15"	8° 44' 54.5"	4° 20' 03.5"
R	150.00'	900.00'	100.00'	100.00'	100.00'	100.00'	1,600.00'	500.00'	800.00'
T	92.75'	50.88'	59.88'	83.97'	27.37'	70.74'	104.05'	76.94'	60.63'
C	157.77'	101.61'	102.75'	128.61'	52.80'	115.50'	207.67'	152.10'	120.92'
L _c	166.13'	101.66'	107.91'	139.70'	53.43'	123.14'	207.81'	152.69'	121.04'

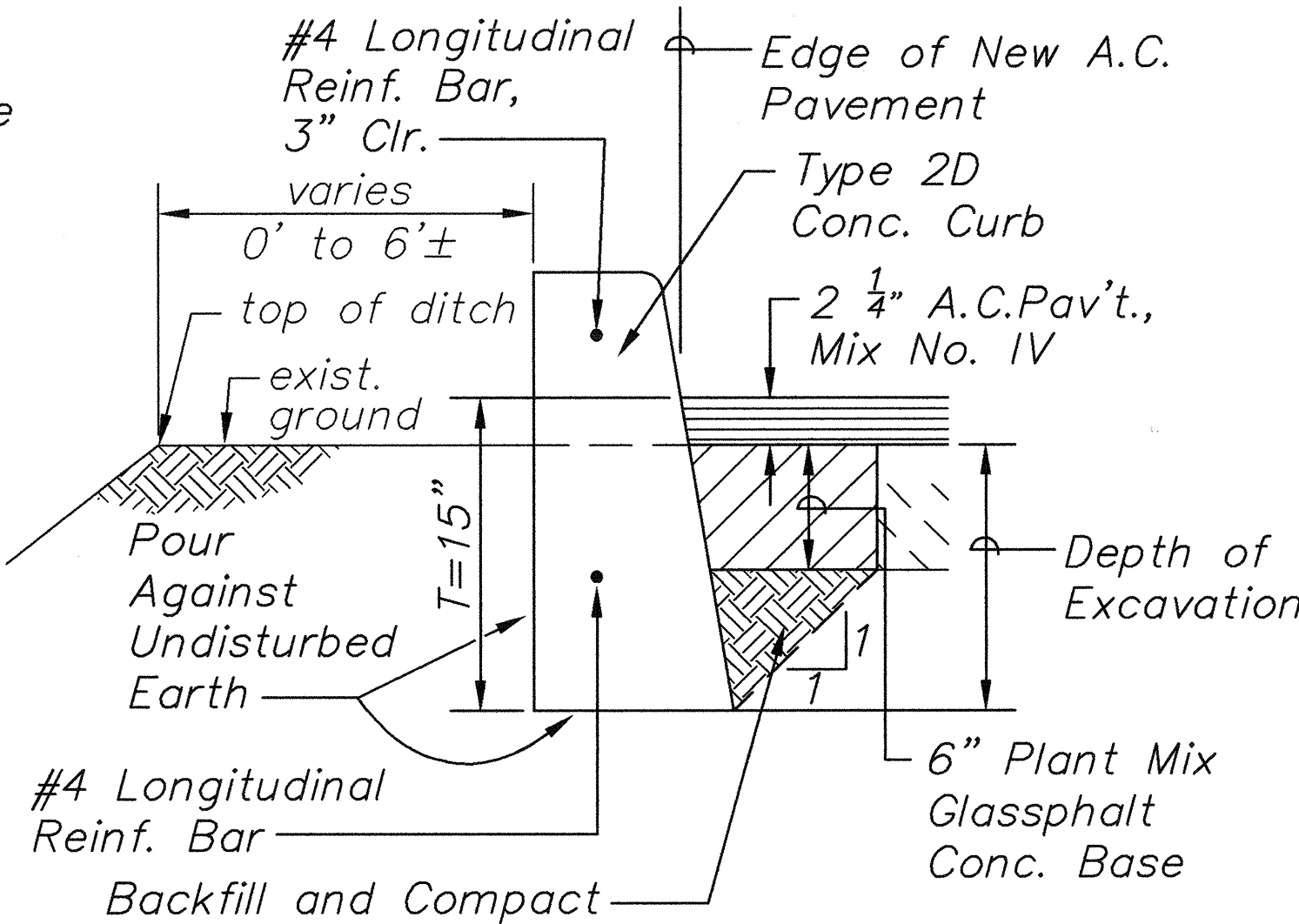
Curve No.	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱
Δ	6° 04' 28"	33° 02' 08"	18° 22' 55"	40° 56' 25"	60° 43' 25"	1° 38' 23"	22° 30' 53"	42° 09' 29"	30° 06' 00"
Δ/2	3° 02' 14"	16° 51' 04"	9° 11' 27.5"	20° 28' 12.5"	30° 21' 42.5"	0° 49' 11.5"	11° 15' 26.5"	21° 04' 44.5"	15° 03' 00"
R	1,000.00'	100.00'	700.00'	150.00'	100.00'	1,400.00'	300.00'	300.00'	500.00'
T	53.06'	29.66'	113.26'	55.89'	58.58'	20.03'	59.71'	115.63'	134.44'
C	105.97'	56.86'	223.62'	104.92'	101.09'	40.07'	117.13'	215.79'	259.66'
L _c	106.02'	57.66'	224.58'	107.18'	105.98'	40.07'	117.89'	220.74'	262.67'

Curve No.	⑲	⑳	㉑	㉒	㉓	㉔	㉕	㉖	
Δ	44° 51' 30"	64° 15' 30"	74° 30' 00"	8° 34' 30"	60° 10' 00"	37° 40' 30"	44° 14' 00"	56° 07' 00"	
Δ/2	22° 25' 45"	32° 07' 45"	37° 15' 00"	4° 17' 15"	30° 05' 00"	18° 50' 15"	22° 07' 00"	28° 03' 30"	
R	500.00'	200.00'	300.00'	2,000.00'	400.00'	200.00'	250.00'	80.00'	
T	206.38'	125.60'	228.13'	149.94'	231.72'	68.23'	101.60'	42.64'	
C	381.54'	212.73'	363.18'	299.04'	401.01'	129.15'	188.25'	75.26'	
L _c	391.46'	224.30'	390.08'	299.32'	420.04'	131.51'	193.00'	78.35'	



Note: Excavation and Backfill, Aggregate Base, and Welded Wire Fabric shall not be paid for separately, but shall be considered incidental to Item No. 609.2614-Gutter, Type 2 (61614).

GUTTER, TYPE 2 (61614)
SCALE: 1 1/2"=1'-0"

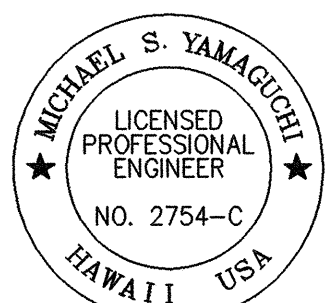


Note: 1. For details not shown, See Standard Plan D-04.

2. Excavation and Backfill, and Reinforcing Bars shall not be paid for separately, but shall be considered incidental to Item No. 609.2020-Curb, Type 2D.

TYPE 2D CONC. CURB INSTALLATION DETAIL
@ STA. 50+60 LT. TO @ STA. 52+07 LT.

Scale: 1 1/2"=1'-0"



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Michael S. Yamaguchi
Fujita & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

KUAMOO ROAD RESURFACING
Vicinity of U.H. Agricultural Station to
End of Kuamoo Road
Project No. 580A-01-99M
Scale: As Noted Date: April, 2000