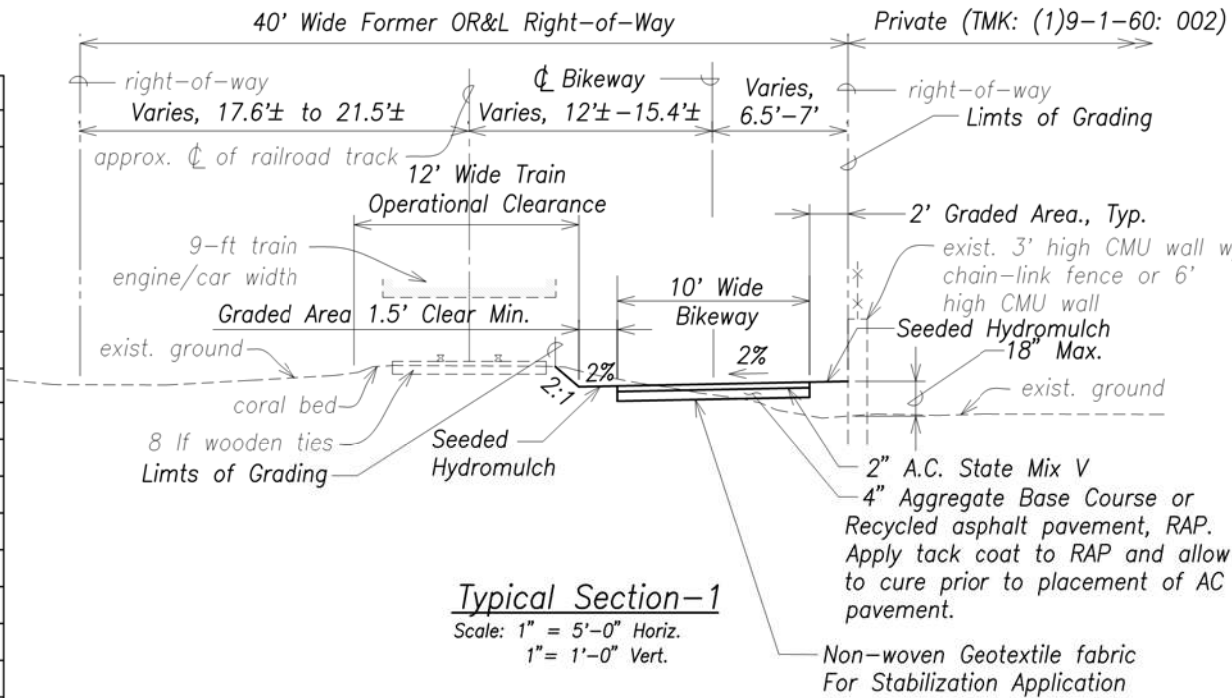


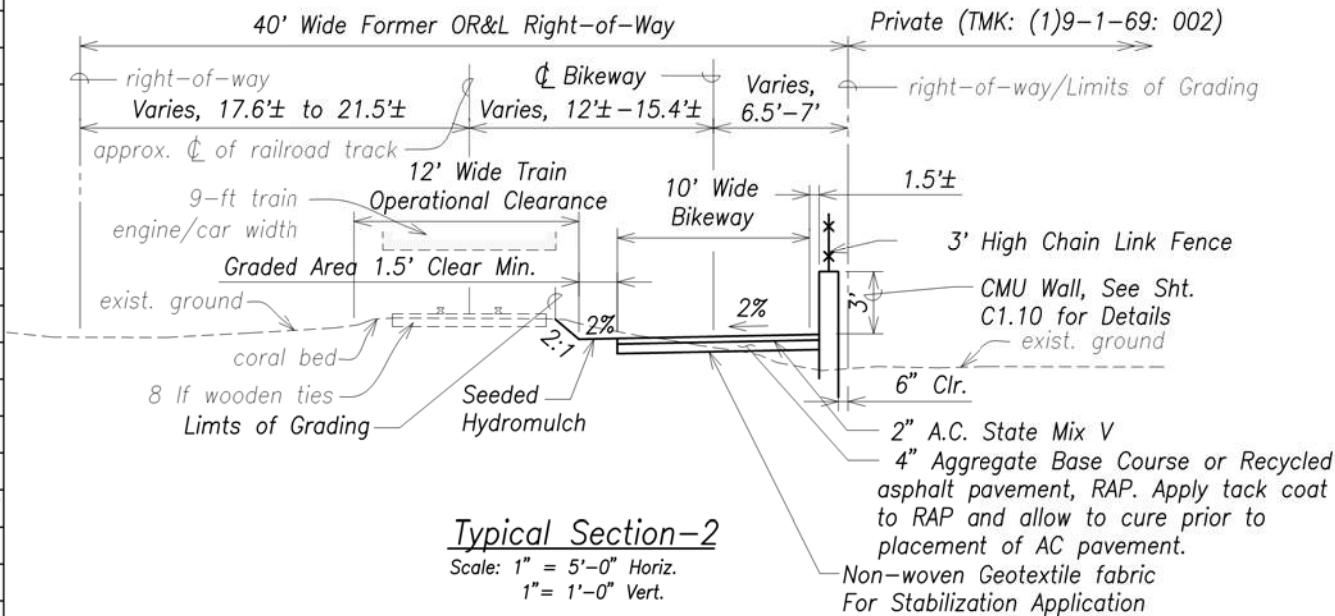
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-BW-0300(8)	2019	16	171

STATION	TYPICAL SECTION #
0+00 to 1+40	1
1+40 to 2+70	2
2+70 to 3+45	6
3+45 to 3+60	7
3+60 to 14+56	6
14+56 to 14+80	5
14+80 to 29+18.50	6
29+18.50 to 31+14.63	EXIST BRIDGE (KALOI GULCH)
31+14.63 to 35+20	3
35+20 to 36+20	8
36+20 to 41+70	4
41+70 to 43+55	KAPOLEI PARKWAY CROSSING
43+55 to 46+00	9
46+00 to 59+82.50	4
59+82.50 to 63+25	8
63+25 to 67+75	4
67+75 to 68+75	8
68+75 to 86+75	4
86+75 to 87+60	10
87+60 to 88+00	6
88+00 to 89+80	FT. WEAVER ROAD CROSSING
89+80 to 91+25	6
91+25 to 95+00	9
95+00 to 95+89	6
95+89 to 97+64	12
97+64 to 98+20	6
98+20 to 98+23	13
98+23 to 99+60	11
99+60 to 102+25	14
102+25 to 104+83.13	16
104+83.13 to 117+00	EXIST. WEST LOCH AC BIKE PATH
117+00 to 118+40	15
118+40 to 131+00	17
131+00 to 131+48.50	HOAEAE STREAM BRIDGE
131+48.50 to 135+00	17
135+00 to 140+50	15
140+50 to 163+60	17
163+60 to 164+42.42	18
164+39.42 to 165+80.42	WAIKELE STREAM BRIDGE
165+77.42 to 168+10	18
168+10 to 174+50	17
174+50 to 175+50	15
175+50 to 176+30	17
176+30 to 176+60	15
176+60 to 184+42.23	17
184+39.23 to 185+61.23	KAPAKAHI STREAM BRIDGE
185+61.23 to 185+72	19



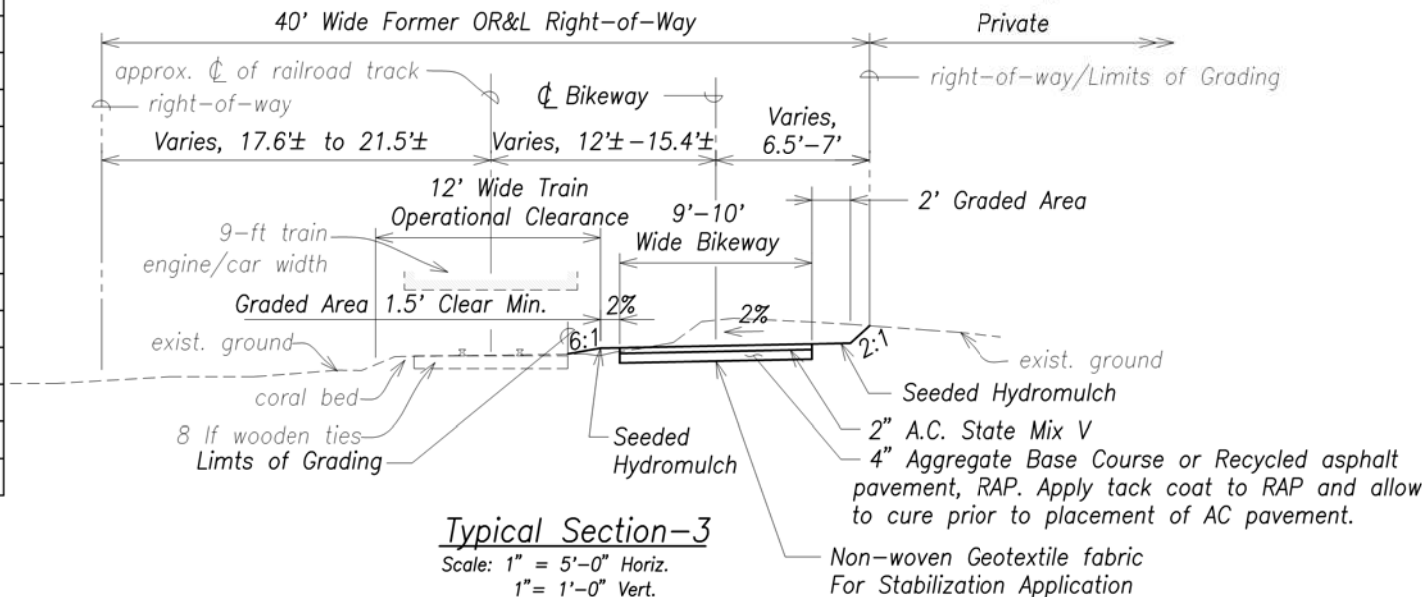
**Typical Section-1**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.



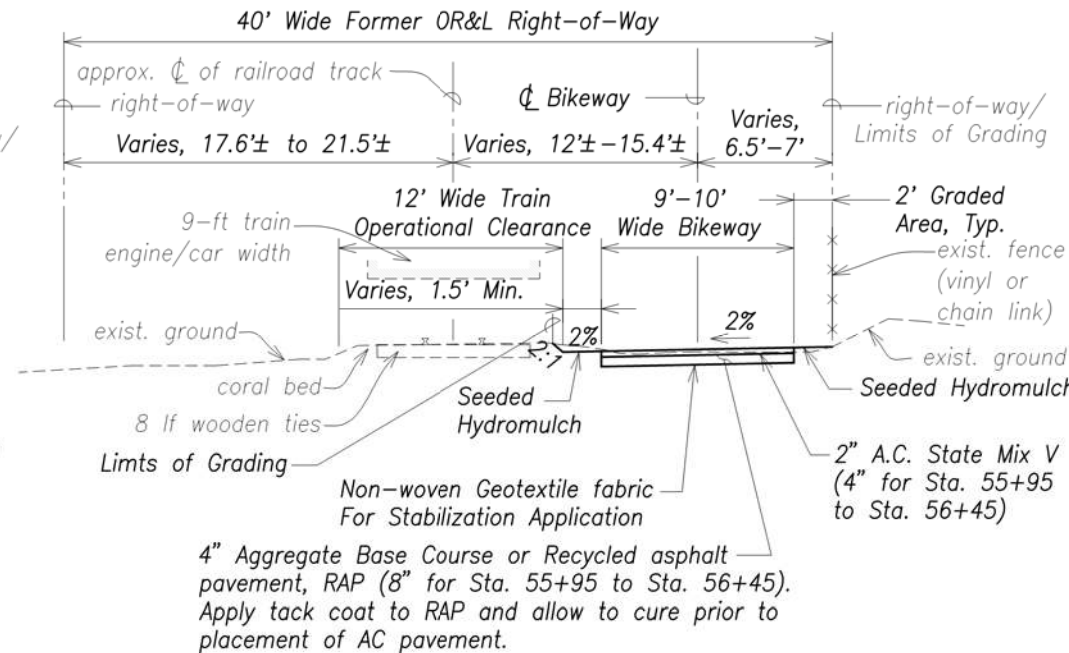
**Typical Section-2**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.



**Typical Section-3**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.



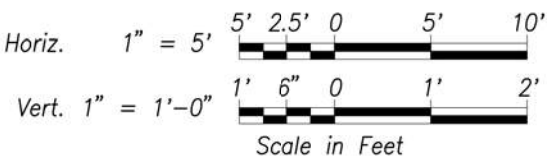
**Typical Section-4**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.

**Notes:**

1. Dress graded shoulders with Seeded Hydromulch.
2. Double thickness of AC & Aggregate Base course within 20 ft of all new and existing bridge crossings.
3. Acceptable RAP will have CBR Swell <0.5%, CBR of at least 30, max. 3 inch material size when removed from AC matrix, and max. 25% fines.
4. Placement of large AC chunks is acceptable provided the construction process can adequately crush the material down to allow aggregates to come out of the AC matrix.

**Graphic Scale:**



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Chief, Civil Engineering Branch, DPP

Date

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TYPICAL SECTIONS

LEEWARD BIKEWAY

Philippine Sea Rd. to Waipahu Depot Street

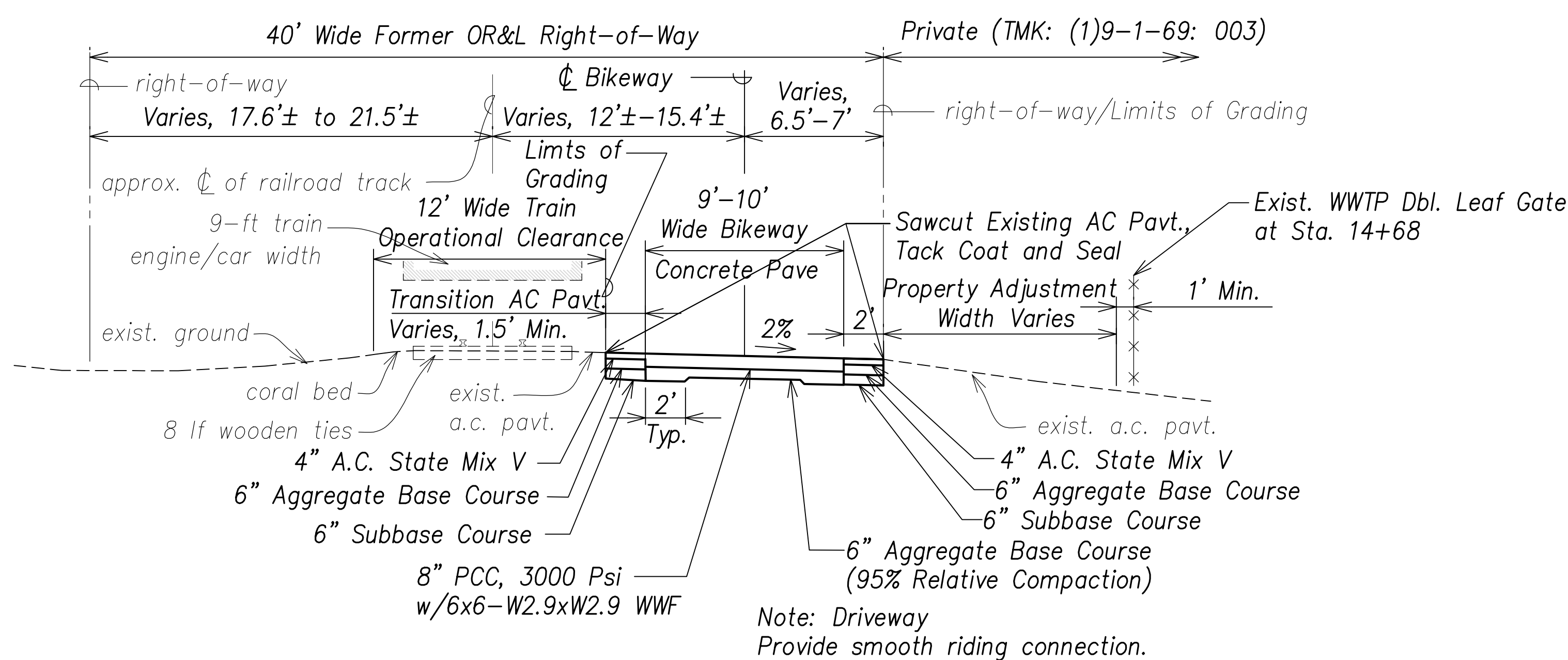
Fed. Aid Proj. No. STP-BW-0300(8)

Date: Sept. 1, 2019

SHEET No. C1.1 OF 4 SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTE BOOK	_____
No.	_____

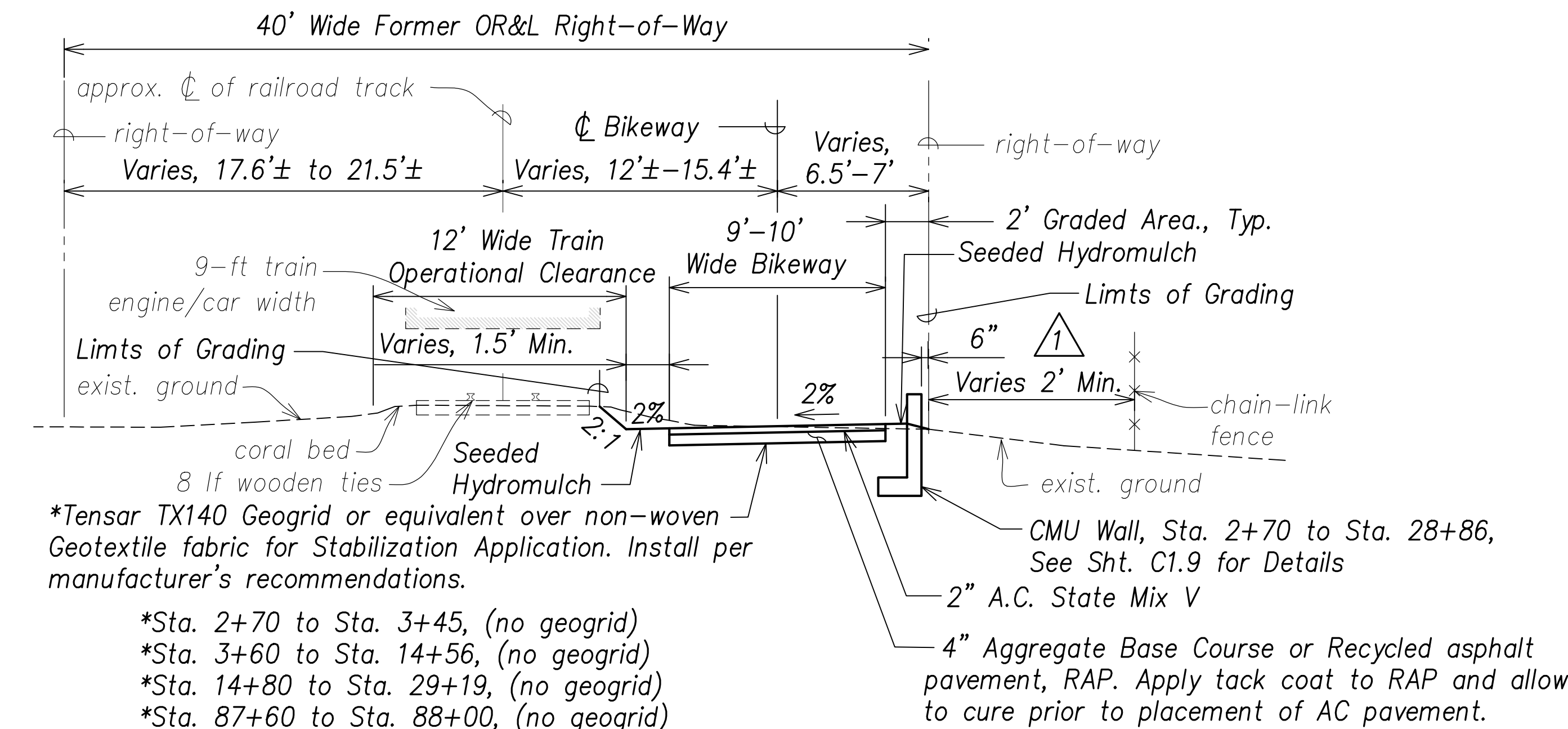
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-BW-0300(8)	2019	17	171



Sta. 14+56 to Sta. 14+80 (WWTP Driveway)

**Typical Section-5**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.



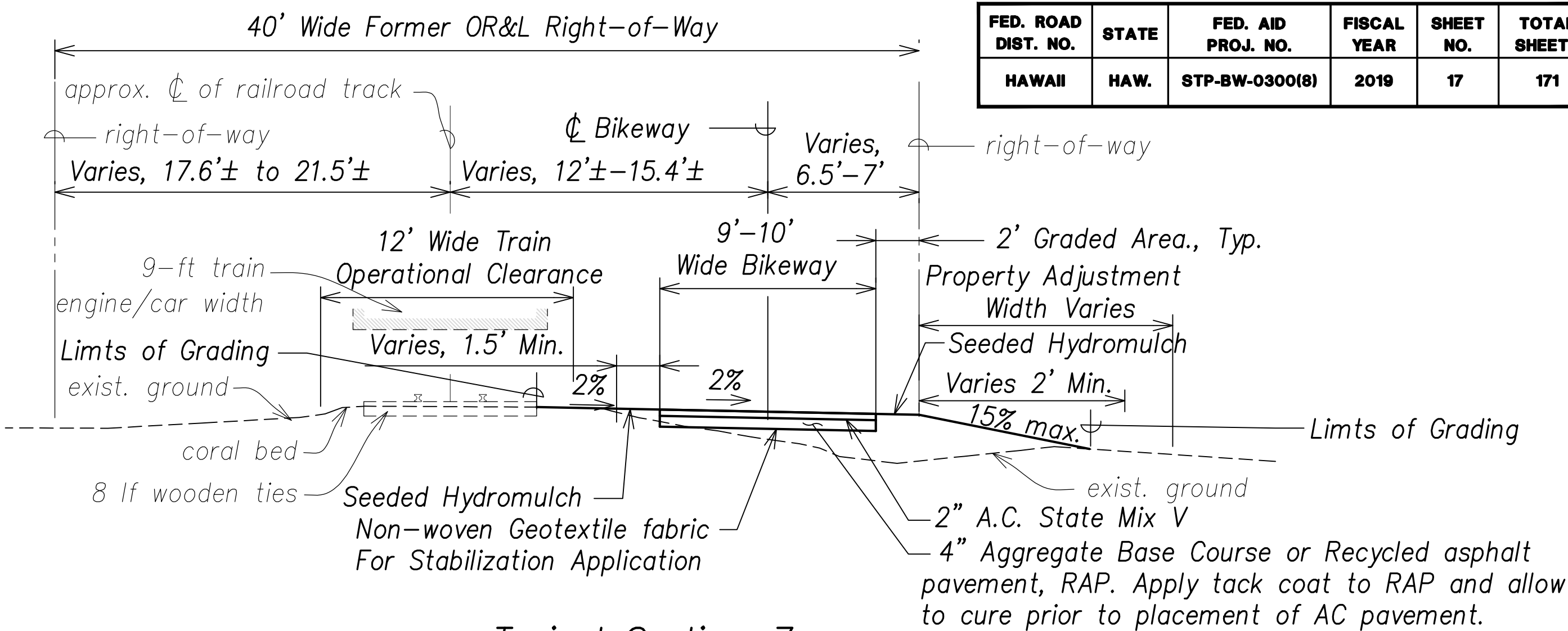
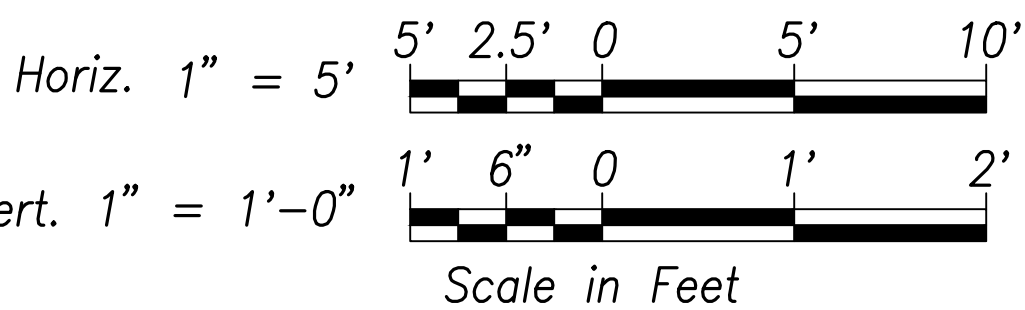
**Typical Section-6**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.

**Notes:**

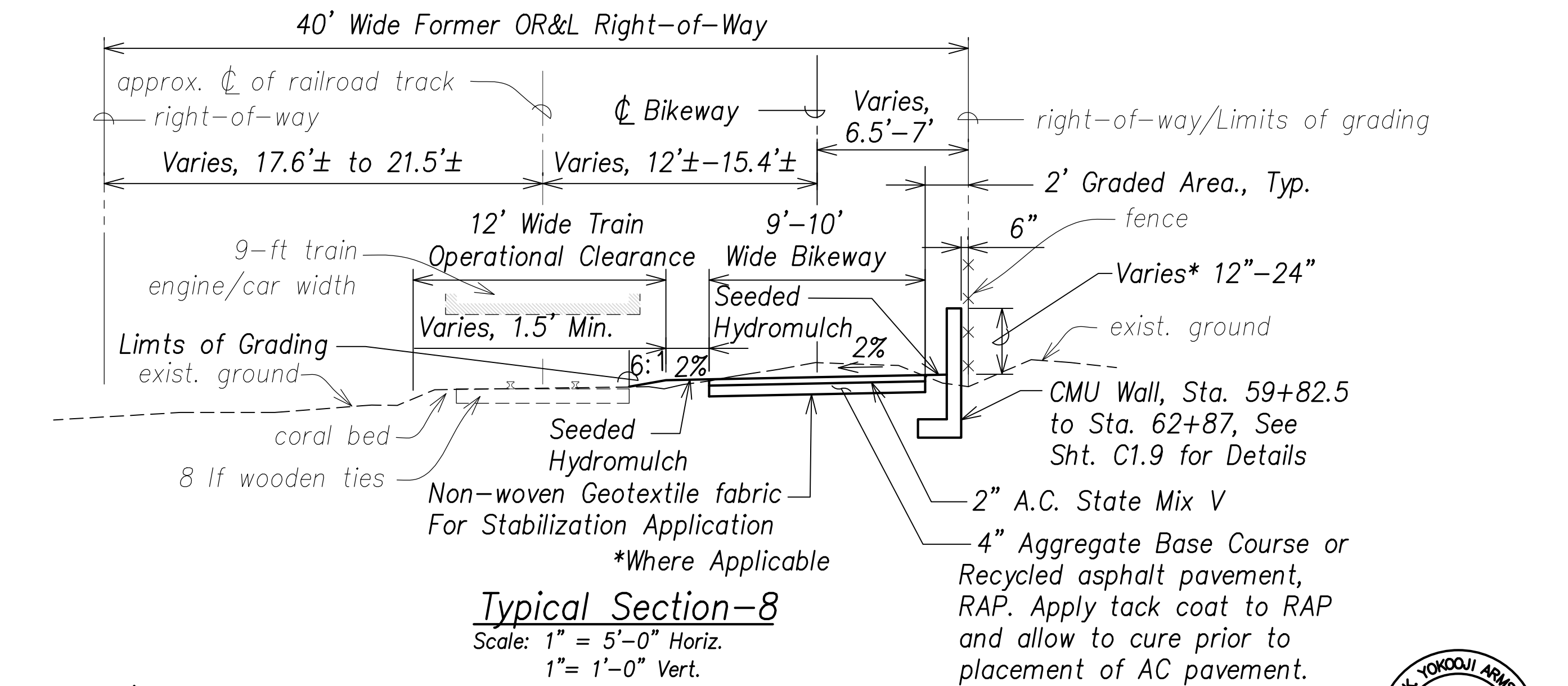
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4. Placement of large AC chunks is acceptable provided the construction process cna adequately crush the material down to allow aggregates to come out of the AC matrix.

**Graphic Scale:**



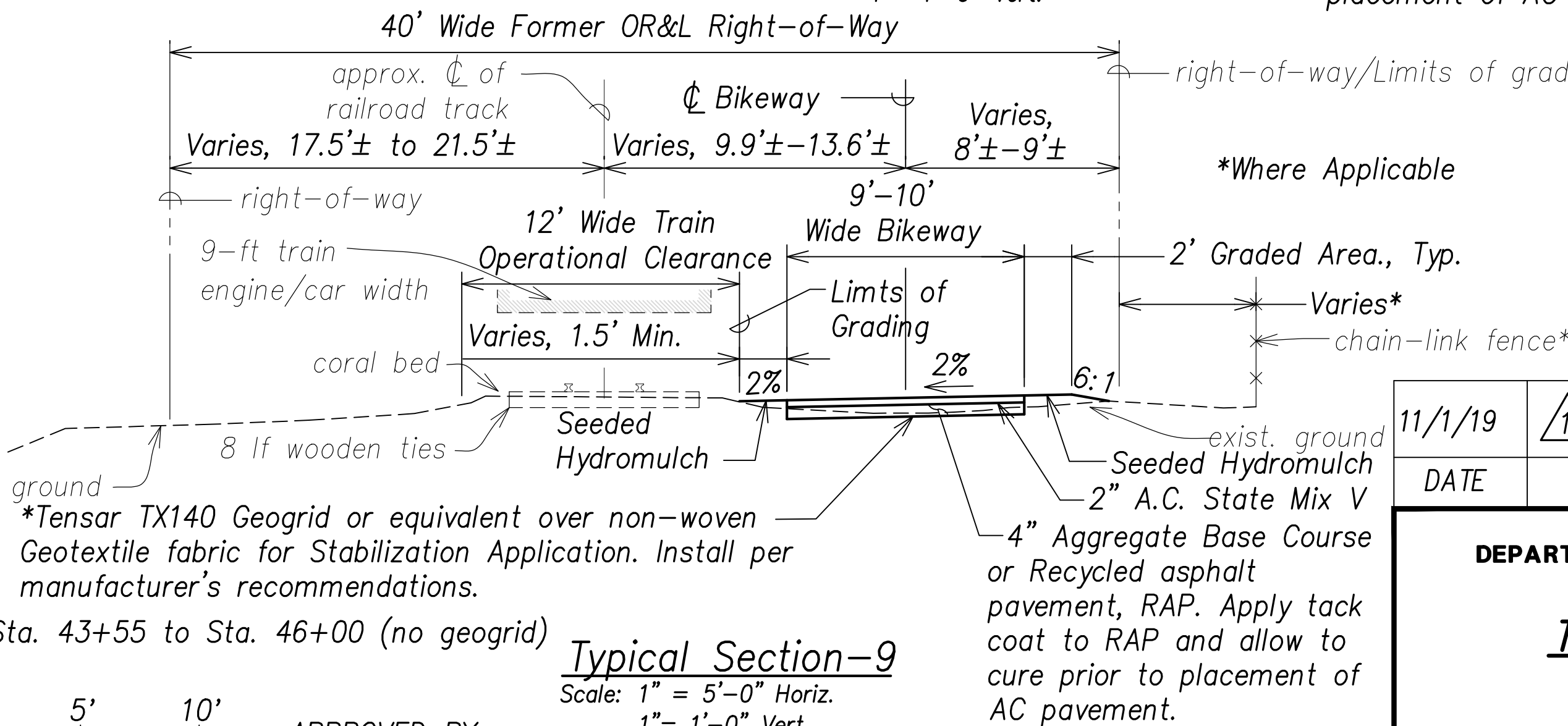
**Typical Section-7**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.



**Typical Section-8**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.



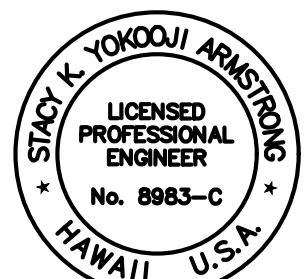
**Typical Section-9**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.

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Chief, Civil Engineering Branch, DPP  
(For Grading Purposes only)

Date

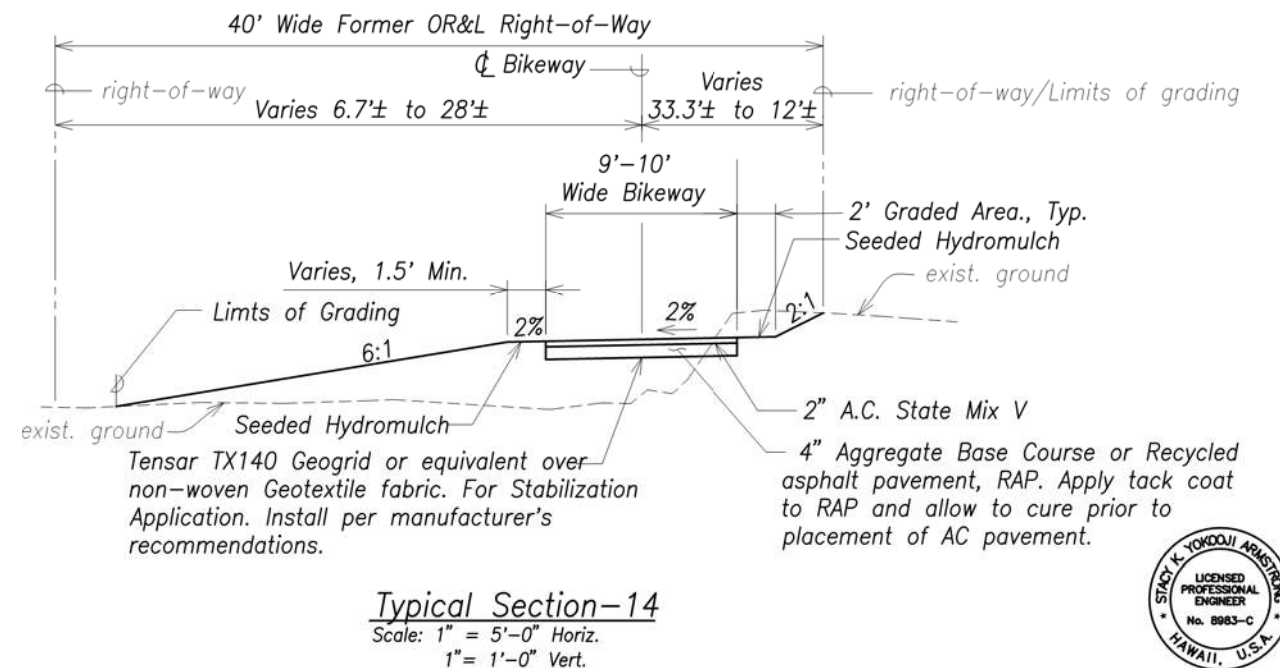
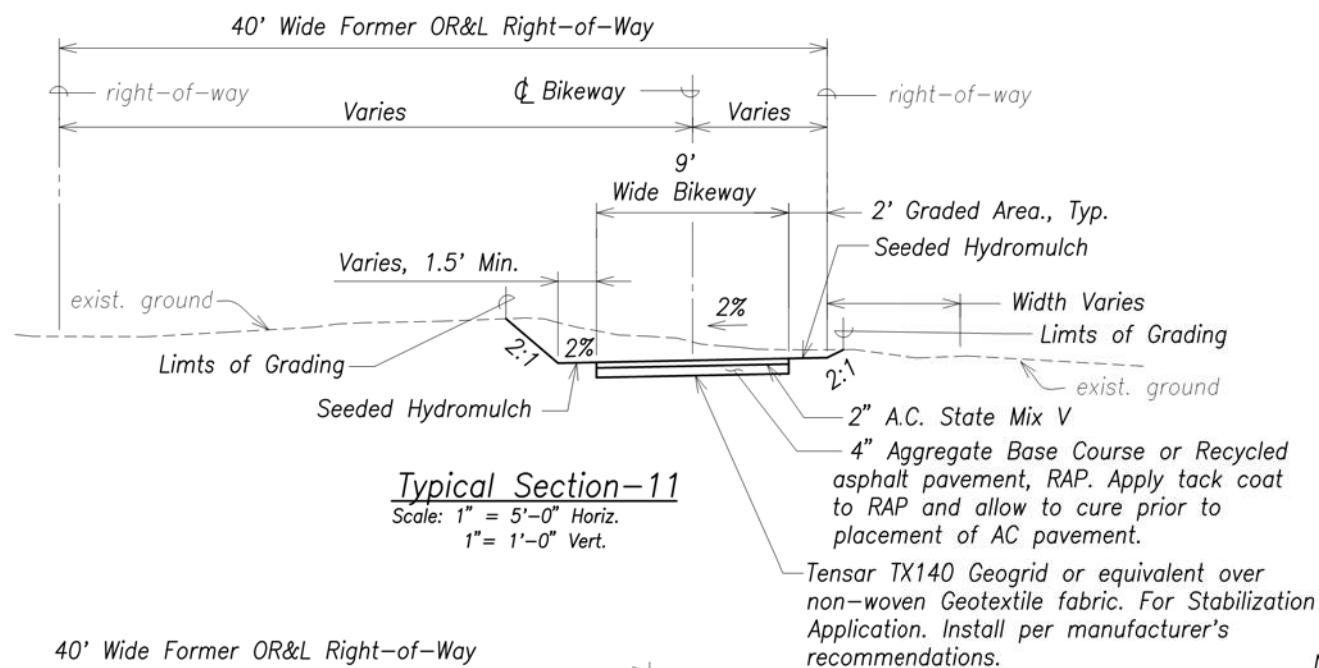
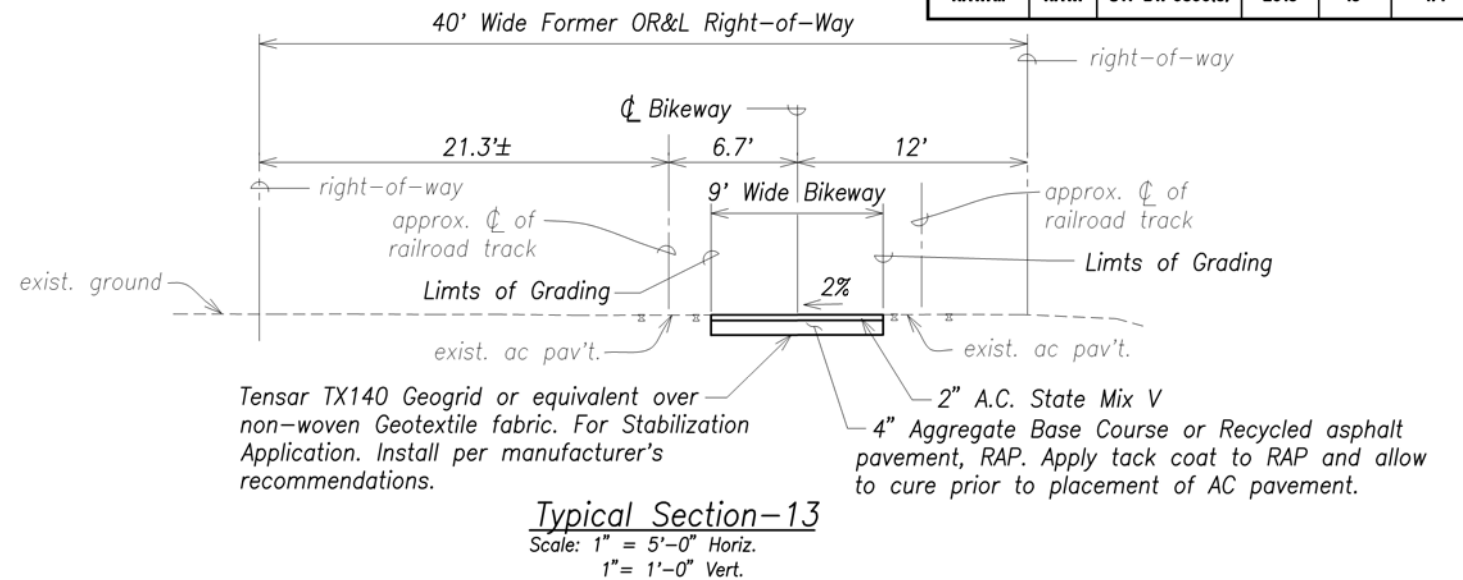
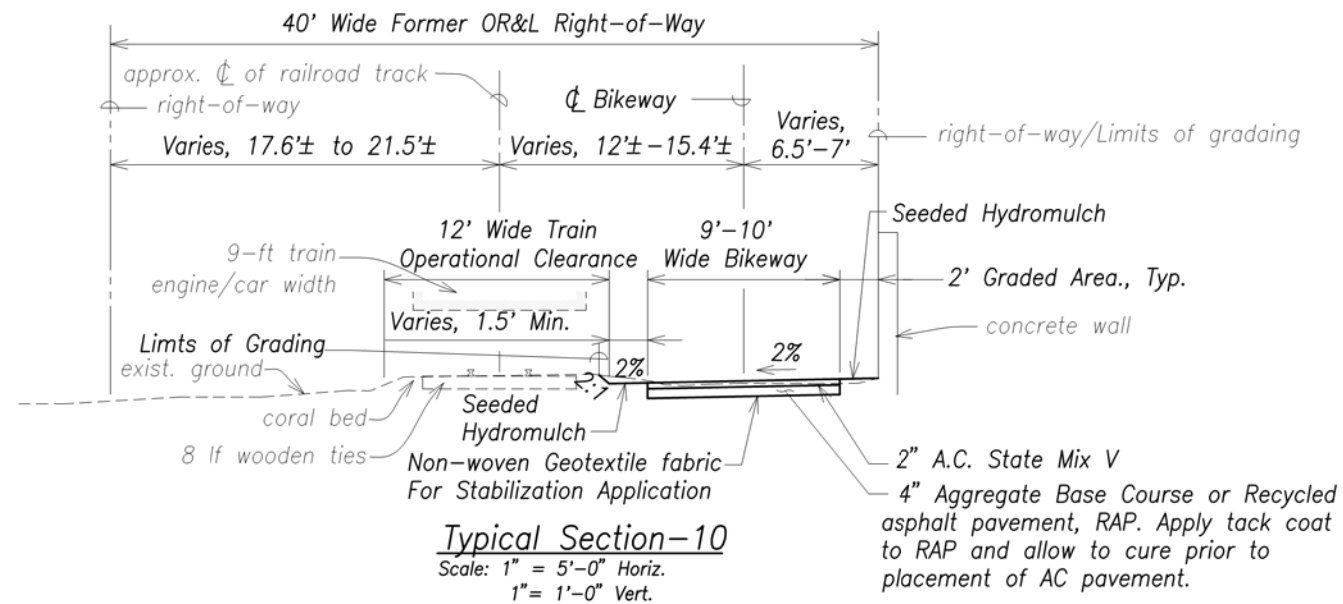


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION OF CONSTRUCTION IS DEFINED IN CHAPTER 10-110, HAWAII ADMINISTRATIVE RULES, ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS."

SIGNATURE DATE OF LICENSE EXPIRY

11/1/19	Added dimension
DATE	REVISION
<b>STATE OF HAWAII</b> <b>DEPARTMENT OF TRANSPORTATION</b> <b>HIGHWAYS DIVISION</b>	
<b>TYPICAL SECTIONS</b>	
<b>LEEWARD BIKEWAY</b> <b>Philippine Sea Rd. to Waipahu Depot Street</b> <b>Fed. Aid Proj. No. STP-BW-0300(8)</b>	
Date: Sept. 1, 2019	
<b>SHEET No. C1.2 OF 4 SHEETS</b>	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-BW-0300(8)	2019	18	171



Notes:

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APPROVED BY

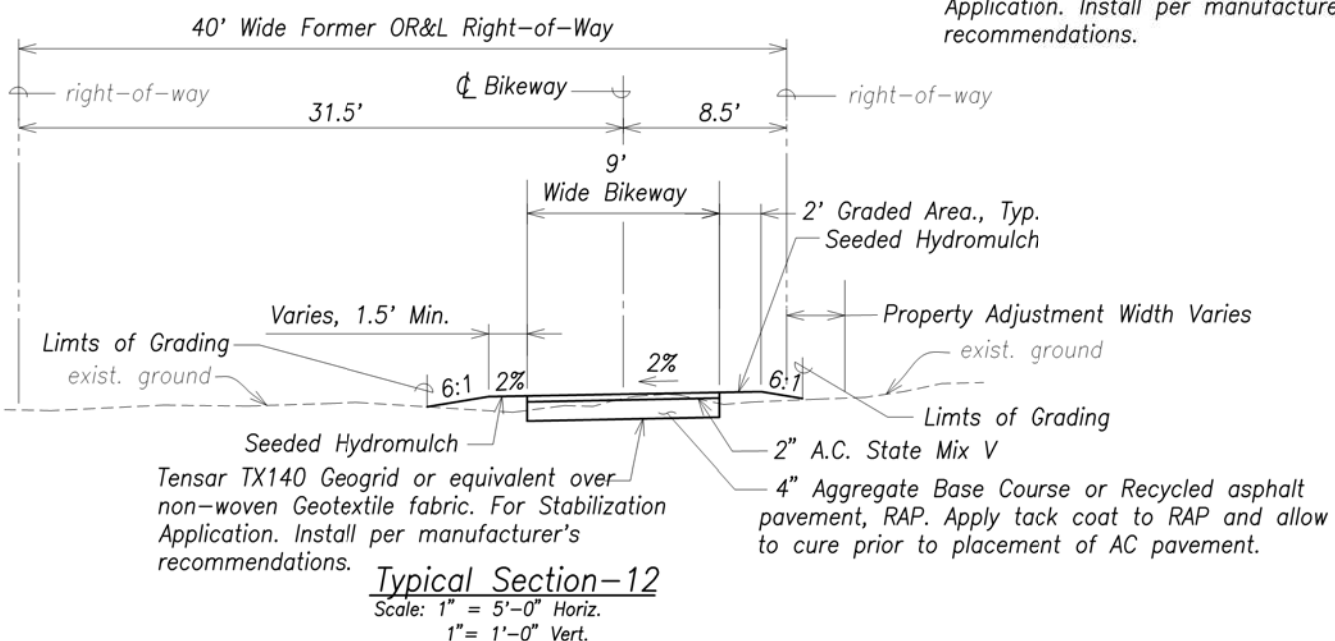
Chief, Civil Engineering Branch, DPP

Date

Graphic Scale:



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



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS**

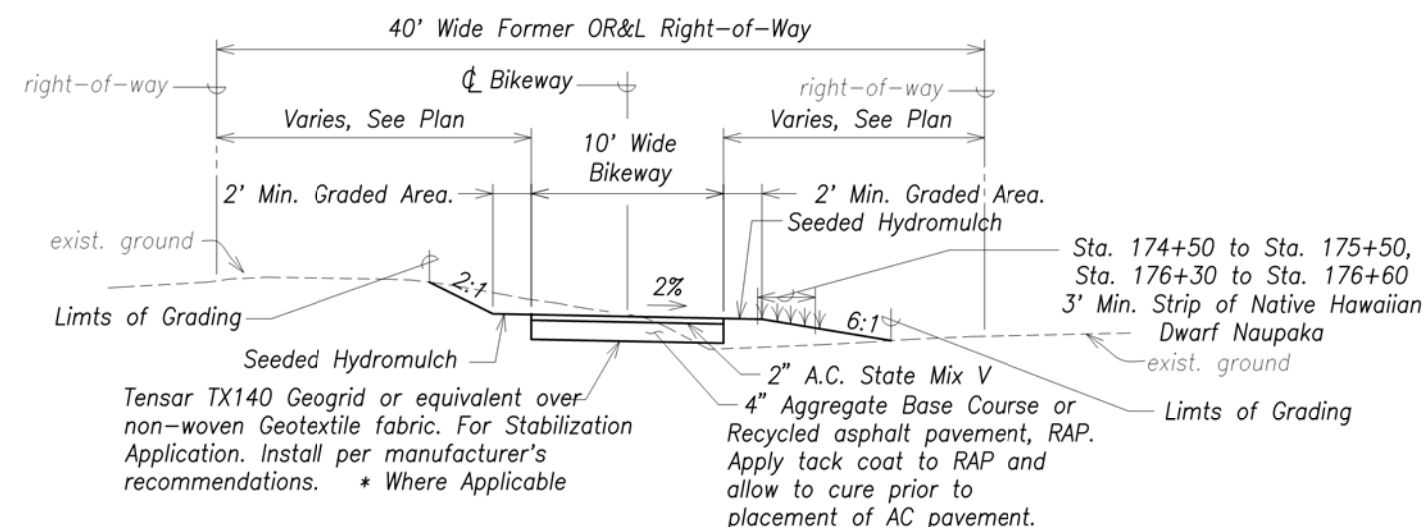
LEEWARD BIKEWAY  
Philippine Sea Rd. to Waipahu Depot Street  
Fed. Aid Proj. No. STP-BW-0300(8)

Date: Sept. 1, 2019

SHEET No. C1.3 OF 4 SHEETS

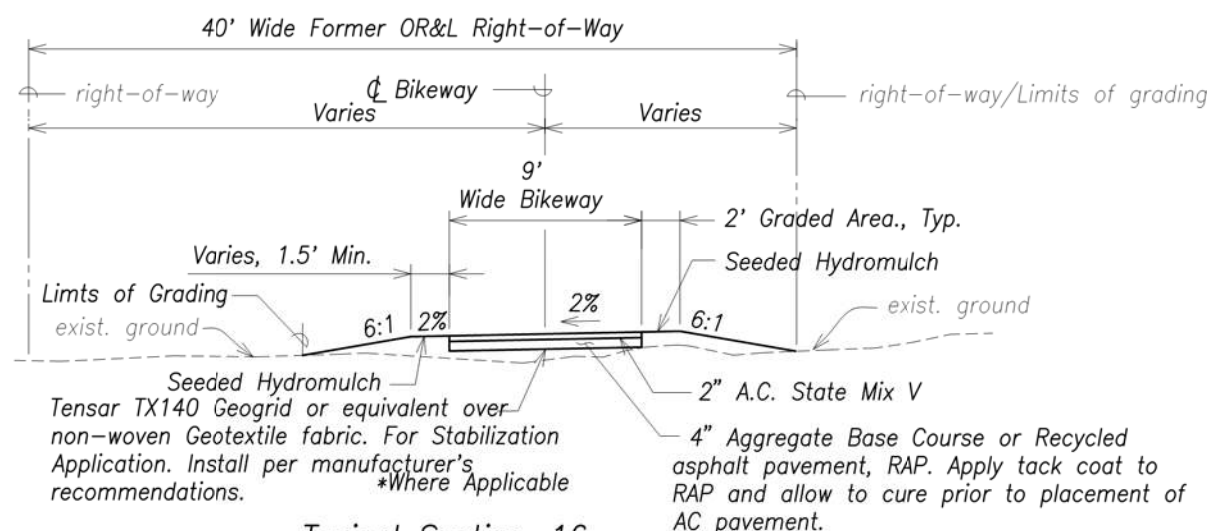


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-BW-0300(8)	2019	19	171



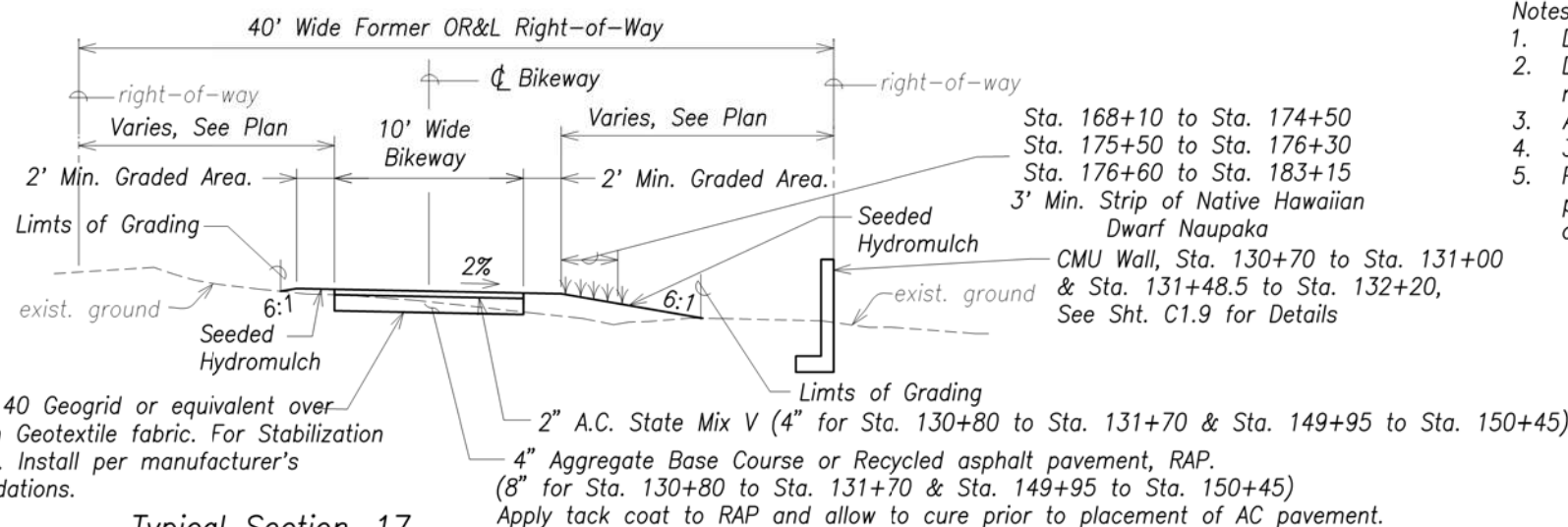
**Typical Section-15**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.



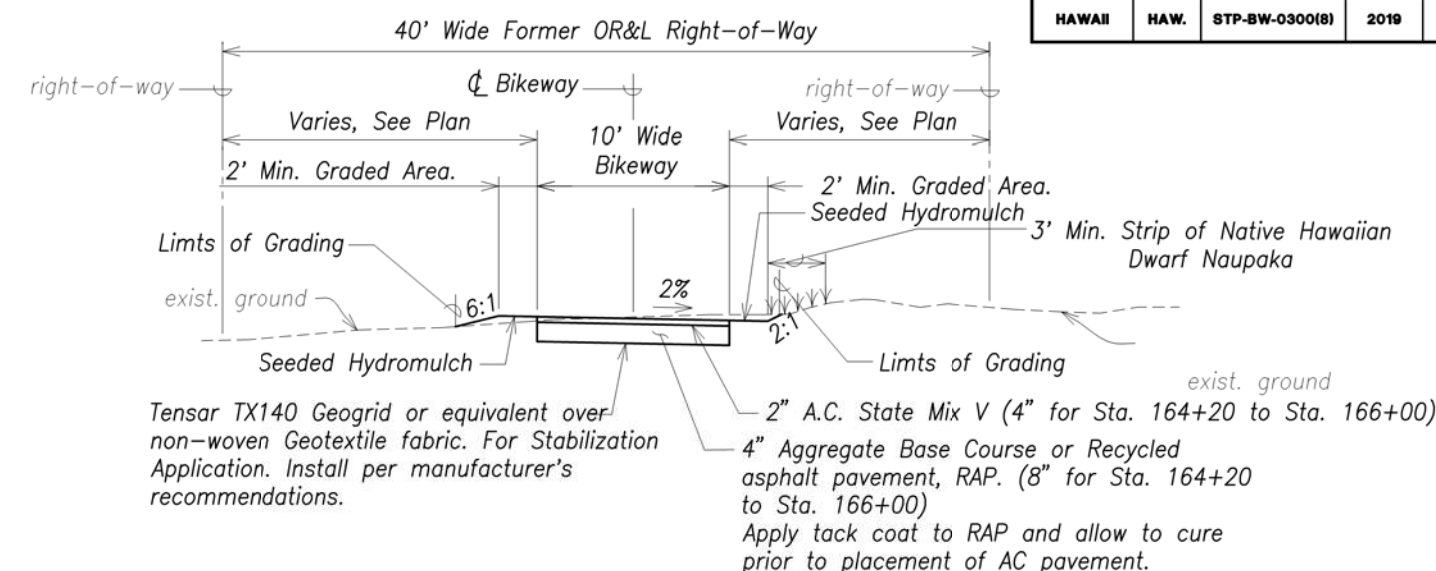
**Typical Section-16**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.



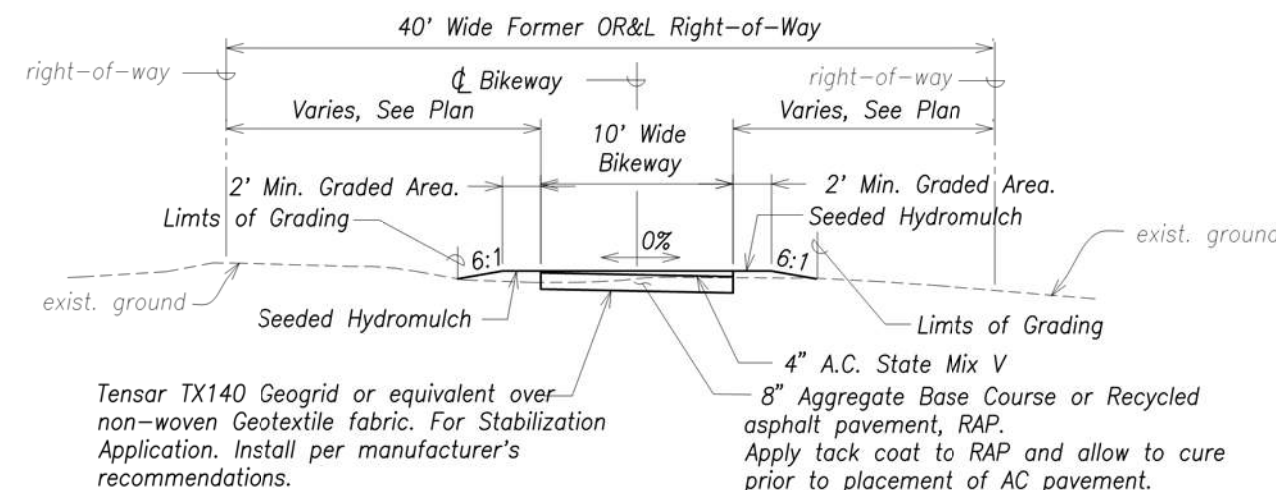
**Typical Section-17**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.



**Typical Section-18**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.



**Typical Section-19**

Scale: 1" = 5'-0" Horiz.  
1" = 1'-0" Vert.

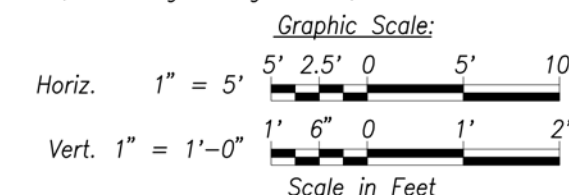
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APPROVED BY

Chief, Civil Engineering Branch, DPP

Date



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Stacy K. Yokoyama

APR 30, 2020

DATE OF LICENSE EXPIRY

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS**

LEEWARD BIKEWAY  
Philippine Sea Rd. to Waipahu Depot Street  
Fed. Aid Proj. No. STP-BW-0300(8)

Date: Sept. 1, 2019

SHEET No. C1.4 OF 4 SHEETS