

WING	SIZE	WH2					WV1						WV2				
		LENGTH				Ea	SIZE	a			LENGTH			SIZE	LENGTH		
		From	To	Vary By	* E			From	To	Vary By	From	To	Vary By		From	To	Vary By
A	4	6'- 6"	2'-10 1/2"	3'- 7 1/2"	2	4	5'- 1/4"	2'- 3/4"	0'- 4/8"	7'- 0"	4'- 3"	0'- 4/8"	4	5'- 0"	2'- 5/4"	0'- 5/8"	
B	4	6'- 7"	2'-10 5/8"	3'- 8 3/8"	2	4	5'- 6/4"	2'- 1"	0'- 4/8"	7'- 6"	4'- 3/4"	0'- 4/8"	4	5'- 6"	2'- 1"	0'- 5/8"	
C	4	9'-10"	2'- 9/4"	3'- 6 3/8"	2	4	6'- 1/4"	2'- 1 1/2"	0'- 4/4"	8'- 0"	4'- 1 1/4"	0'- 4/4"	4	6'- 0"	2'- 5"	0'- 5 3/8"	
D	4	9'-10"	2'- 9 1/2"	3'- 6 1/4"	2	4	6'- 6/4"	2'- 3/4"	0'- 4/4"	8'- 6"	4'- 3"	0'- 4/4"	4	6'- 6"	2'- 1/4"	0'- 5 3/8"	
E	4	13'- 6"	2'- 9 3/4"	3'- 6 3/4"	2	4	7'- 1/4"	2'- 3/4"	0'- 4/4"	9'- 0"	4'- 1/2"	0'- 4/4"	4	7'- 0"	2'- 2/4"	0'- 5/4"	
F	4	13'- 7"	2'-10"	3'- 7"	2	4	7'- 6/4"	2'- 2 1/2"	0'- 4/4"	9'- 6"	4'- 2/4"	0'- 4/4"	4	7'- 6"	2'- 3"	0'- 5/4"	
G	4	13'- 7"	2'-10"	3'- 7"	2	4	8'- 1/4"	2'- 0"	0'- 4/4"	10'- 0"	3'-11 3/4"	0'- 4/4"	4	8'- 0"	2'- 3 3/4"	0'- 5/4"	
H	4	17'- 3"	2'-10"	3'- 7 1/4"	2	4	8'- 6/4"	2'- 4"	0'- 4/8"	10'- 6"	4'- 3 3/4"	0'- 4/8"	4	8'- 6"	2'- 4 1/2"	0'- 5/4"	
I	4	16'-11"	2'- 9 1/2"	3'- 6 3/8"	2	4	9'- 1/4"	2'- 3 1/2"	0'- 4/4"	11'- 0"	4'- 3/4"	0'- 4/4"	4	9'- 0"	2'- 3 3/8"	0'- 5 3/8"	
J	4	20'- 6"	2'- 9 1/2"	3'- 6 1/2"	2	4	9'- 6/4"	2'- 1"	0'- 4/4"	11'- 6"	4'- 3/4"	0'- 4/4"	4	9'- 6"	2'- 6"	0'- 5/4"	
K	4	20'- 7"	2'- 9 3/8"	3'- 6 5/8"	2	4	10'- 1/4"	2'- 2 3/4"	0'- 4/4"	12'- 0"	4'- 2 1/2"	0'- 4/4"	4	10'- 0"	2'- 1 1/2"	0'- 5/4"	
L	4	20'- 8"	2'- 9 5/8"	3'- 6 7/8"	2	4	8'- 1/4"	2'- 0"	0'- 4/4"	10'- 0"	3'-11 3/4"	0'- 4/4"	4	10'- 6"	2'- 2/4"	0'- 5/4"	
M	4	24'- 3"	2'- 9 3/4"	3'- 6 3/8"	2	4	8'- 1/4"	2'- 0"	0'- 4/4"	10'- 0"	3'-11 3/4"	0'- 4/4"	4	11'- 0"	2'- 3"	0'- 5/4"	
N	4	24'- 4"	2'-10"	3'- 7"	2	4	6'- 3/4"	2'- 1/4"	0'- 4/4"	8'- 3"	4'- 0"	0'- 4/4"	4	11'- 6"	2'- 3 3/4"	0'- 5/4"	
O	4	27'- 6"	2'- 9 3/8"	3'- 6 3/8"	2	4	6'- 8/4"	2'- 1"	0'- 4/4"	8'- 8"	4'- 3/4"	0'- 4/4"	4	12'- 0"	2'- 1 3/4"	0'- 5 3/8"	
P	4	27'- 7"	2'- 9 1/2"	3'- 6 1/2"	2	4	7'- 4/4"	2'- 1/2"	0'- 4/4"	9'- 4"	4'- 1/4"	0'- 4/4"	4	12'- 6"	2'- 5/4"	0'- 5/4"	
Q	4	27'- 8"	2'- 9 5/8"	3'- 6 5/8"	2	4	7'- 4/4"	2'- 1/2"	0'- 4/4"	9'- 4"	4'- 1/4"	0'- 4/4"	4	13'- 0"	2'- 6"	0'- 5/4"	
R	4	31'- 3"	2'-10"	3'- 6 5/8"	2	4	7'- 4/4"	2'- 1/2"	0'- 4/4"	9'- 4"	4'- 1/4"	0'- 4/4"	4	13'- 6"	2'- 1 1/2"	0'- 5/4"	
S	4	31'- 4"	2'-10"	3'- 6 3/4"	2	4	7'- 4/4"	2'- 1/2"	0'- 4/4"	9'- 4"	4'- 1/4"	0'- 4/4"	4	14'- 0"	2'- 2/4"	0'- 5/4"	
T	4	35'- 0"	2'-10 1/8"	3'- 6 1/8"	2	4	6'-11 1/4"	2'- 1 1/2"	0'- 4/8"	8'-11"	4'- 1 1/4"	0'- 4/8"	4	14'- 6"	2'- 3"	0'- 5/4"	
U	4	34'- 7"	2'- 9 5/8"	3'- 6 3/8"	2	4	7'- 1/4"	2'- 3/4"	0'- 4/4"	9'- 0"	4'- 1/2"	0'- 4/4"	4	15'- 0"	2'- 3 3/4"	0'- 5/4"	
V	4	34'- 8"	2'- 9 1/2"	3'- 6 1/2"	2	4	7'- 4/4"	2'- 1/2"	0'- 4/4"	9'- 4"	4'- 1/4"	0'- 4/4"	4	15'- 6"	2'- 4 1/2"	0'- 5/4"	
W	4	38'- 3"	2'-10"	3'- 6 1/2"	2	4	7'- 7/4"	2'- 3 1/2"	0'- 4/4"	9'- 7"	4'- 3/4"	0'- 4/4"	4	16'- 3"	2'- 8/4"	0'- 5/4"	
X	4	38'- 4"	2'- 9 3/4"	3'- 6 5/8"	2	4	8'- 6/4"	2'- 6"	0'- 4/4"	10'- 6"	4'- 5 3/4"	0'- 4/4"	4	17'- 0"	3'- 0"	0'- 5/4"	
Y	4	42'- 0"	2'- 9 3/4"	3'- 6 3/4"	2	4	9'- 7/4"	2'- 6 1/4"	0'- 4/4"	11'- 7"	4'- 6"	0'- 4/4"	4	17'- 6"	2'- 7 1/2"	0'- 5/4"	
Z	4	42'- 1"	2'- 9 3/8"	3'- 6 7/8"	2	4	9'- 7/4"	2'- 6 1/4"	0'- 4/4"	11'- 7"	4'- 6"	0'- 4/4"	4	18'- 0"	2'- 8/4"	0'- 5/4"	
AA	4	41'- 8"	2'- 9 1/8"	3'- 6 3/8"	2	4	10'- 1/4"	2'- 7"	0'- 4/4"	12'- 0"	4'- 6 3/4"	0'- 4/4"	4	18'- 6"	2'- 9"	0'- 5/4"	
BB	4	45'- 3"	2'- 9"	3'- 6 1/2"	2	4	10'- 1/4"	2'- 7"	0'- 4/4"	12'- 0"	4'- 6 3/4"	0'- 4/4"	4	19'- 0"	2'- 9 3/4"	0'- 5/4"	
CC	4	45'- 4"	2'-10"	3'- 6 1/2"	2	4	9'- 3/4"	2'- 6 1/2"	0'- 4/4"	11'- 3"	4'- 6 1/4"	0'- 4/4"	4	19'- 6"	2'-10 1/2"	0'- 5/4"	
DD	4	49'- 0"	2'- 9 3/8"	3'- 6 5/8"	2	4	8'-11 1/4"	2'- 6 3/4"	0'- 4/4"	10'-11"	4'- 6 1/2"	0'- 4/4"	4	20'- 0"	2'-11 1/4"	0'- 5/4"	
EE	4	49'- 1"	2'- 9 1/4"	3'- 6 3/4"	2	4	8'-10 1/4"	2'- 5 3/4"	0'- 4/4"	10'-10"	4'- 5 1/2"	0'- 4/4"	4	20'- 6"	3'- 0"	0'- 5/4"	

SPECIFICATION REFERENCE

**WING DETAILS**  
**2: 1 FILL SLOPE - TYPE II**  
 VIRGINIA DEPARTMENT OF TRANSPORTATION



ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 6 OF 7

1006.27