

WING	SIZE	WF5						WF6						WF7						WH1		WH3	
		a			LENGTH			SIZE	LENGTH			SIZE	a			LENGTH			SIZE	LENGTH	SIZE	LENGTH	
		From	To	Vary By	From	To	Vary By		From	To	Vary By		From	To	Vary By	From	To	Vary By					
A	--	----	----	----	----	----	4	3'- 5"	2'- 8 ³ / ₈ "	0'- 2 ⁷ / ₈ "	--	----	----	----	----	----	4	4'- 6"	4	5'- 0"			
B	--	----	----	----	----	----	4	3'- 5"	2'- 7 ¹ / ₂ "	0'- 2 ³ / ₈ "	--	----	----	----	----	----	4	5'- 6"	4	6'- 1"			
C	--	----	----	----	----	----	4	3'- 6"	2'- 6 ³ / ₄ "	0'- 2 ¹ / ₄ "	--	----	----	----	----	----	4	6'- 6"	4	7'- 3"			
D	--	----	----	----	----	----	4	3'- 6"	2'- 6 ³ / ₄ "	0'- 2 ¹ / ₄ "	--	----	----	----	----	----	4	6'- 6"	4	7'- 3"			
E	--	----	----	----	----	----	4	3'-11"	2'- 8 ¹ / ₂ "	0'- 2 ³ / ₄ "	--	----	----	----	----	----	4	7'- 6"	4	8'- 4"			
F	--	----	----	----	----	----	4	3'-11"	2'- 8 ³ / ₄ "	0'- 2 ³ / ₈ "	--	----	----	----	----	----	4	8'- 6"	4	9'- 5"			
G	--	----	----	----	----	----	4	4'-11"	2'-10 ¹ / ₄ "	0'- 4 ¹ / ₈ "	--	----	----	----	----	----	4	8'- 6"	4	9'- 5"			
H	--	----	----	----	----	----	4	4'-11"	2'- 8 ³ / ₄ "	0'- 3 ³ / ₄ "	--	----	----	----	----	----	4	9'- 6"	4	10'- 7"			
I	--	----	----	----	----	----	4	5'- 5"	2'- 8"	0'- 4 ¹ / ₈ "	--	----	----	----	----	----	4	10'- 6"	4	11'- 7"			
J	4	5'-11"	5'- 1/2"	0'- 2 ⁵ / ₈ "	6'-11"	6'- 1/2"	0'- 2 ⁵ / ₈ "	4	5'-11"	2'- 7 ⁵ / ₈ "	0'- 4 ³ / ₈ "	--	----	----	----	----	4	11'- 6"	4	12'- 8"			
K	4	6'- 5"	5'- 6"	0'- 2 ³ / ₄ "	7'- 5"	6'- 6"	0'- 2 ³ / ₄ "	4	6'- 5"	2'- 6 ³ / ₄ "	0'- 4 ⁵ / ₈ "	--	----	----	----	----	4	12'- 6"	4	13'- 7"			
L	5	6'-11 ¹ / ₄ "	5'-10 ¹ / ₄ "	0'- 3 ¹ / ₄ "	8'- 1"	7'- 0"	0'- 3 ¹ / ₄ "	4	6'-11"	2'- 6 ¹ / ₂ "	0'- 5 ¹ / ₄ "	--	----	----	----	----	4	12'- 6"	4	13'-10"			
M	5	6'-11 ¹ / ₄ "	5'- 5 ¹ / ₄ "	0'- 3"	8'- 1"	6'- 7"	0'- 3"	4	6'-11"	2'-10 ¹ / ₄ "	0'- 4 ⁷ / ₈ "	--	----	----	----	----	4	13'- 6"	4	14'-11"			
N	5	7'-10 ¹ / ₄ "	5'- 9 ³ / ₄ "	0'- 3 ¹ / ₂ "	9'- 0"	6'-11 ¹ / ₂ "	0'- 3 ¹ / ₂ "	4	7'-11"	2'-11"	0'- 6"	--	----	----	----	----	4	13'- 6"	4	14'-11"			
O	5	7'-10 ¹ / ₄ "	5'- 8 ¹ / ₄ "	0'- 3 ¹ / ₄ "	9'- 0"	6'-10"	0'- 3 ¹ / ₄ "	4	7'-11"	2'-10 ¹ / ₂ "	0'- 5 ¹ / ₂ "	--	----	----	----	----	4	14'- 6"	4	16'- 1"			
P	6	8'- 4 ¹ / ₂ "	5'- 6 ³ / ₄ "	0'- 3 ³ / ₈ "	9'- 9"	6'-11 ¹ / ₄ "	0'- 3 ³ / ₈ "	4	8'- 5"	2'- 9 ¹ / ₂ "	0'- 5 ⁵ / ₈ "	--	----	----	----	----	4	15'- 6"	4	17'- 2"			
Q	5	7'- 4 ¹ / ₄ "	5'- 6 ¹ / ₂ "	0'- 3 ⁵ / ₈ "	8'- 6"	6'- 8 ¹ / ₄ "	0'- 3 ⁵ / ₈ "	4	8'-11"	2'- 9 ¹ / ₂ "	0'- 6 ¹ / ₈ "	5	8'-10 ¹ / ₄ "	7'- 8"	0'- 2 ³ / ₈ "	10'- 0"	8'- 9 ³ / ₄ "	0'- 2 ³ / ₈ "	4	15'- 6"	4	17'- 2"	
R	5	7'- 5 ¹ / ₄ "	5'- 6 ³ / ₄ "	0'- 3 ³ / ₄ "	8'- 7"	6'- 8 ¹ / ₂ "	0'- 3 ³ / ₄ "	4	9'- 5"	2'- 7 ³ / ₄ "	0'- 6 ¹ / ₄ "	5	9'- 4 ¹ / ₄ "	7'- 8 ¹ / ₄ "	0'- 2 ¹ / ₂ "	10'- 6"	8'-10"	0'- 2 ¹ / ₂ "	4	16'- 6"	4	18'- 3"	
S	5	7'- 6 ¹ / ₄ "	5'- 5 ³ / ₄ "	0'- 3 ¹ / ₂ "	8'- 8"	6'- 7 ¹ / ₂ "	0'- 3 ¹ / ₂ "	4	9'- 5"	2'- 6 ³ / ₄ "	0'- 5 ⁷ / ₈ "	5	9'- 4 ¹ / ₄ "	7'-10 ¹ / ₄ "	0'- 2 ¹ / ₄ "	10'- 6"	9'- 0"	0'- 2 ¹ / ₄ "	4	17'- 6"	4	19'- 5"	
T	5	8'- 3 ¹ / ₄ "	6'- 3 ¹ / ₄ "	0'- 4"	9'- 5"	7'- 5"	0'- 4"	4	10'-10"	3'- 1 ¹ / ₄ "	0'- 6 ⁵ / ₈ "	5	10'-10 ¹ / ₄ "	8'- 8"	0'- 2 ⁵ / ₈ "	12'- 0"	9'- 9 ³ / ₄ "	0'- 2 ⁵ / ₈ "	4	18'- 6"	4	20'- 5"	
U	5	8'- 2 ¹ / ₄ "	6'- 0"	0'- 4 ³ / ₈ "	9'- 4"	7'- 1 ³ / ₄ "	0'- 4 ³ / ₈ "	4	11'- 4"	3'- 1 ¹ / ₄ "	0'- 7 ¹ / ₈ "	5	11'- 4 ¹ / ₄ "	8'- 5 ³ / ₄ "	0'- 2 ⁷ / ₈ "	12'- 6"	9'- 7 ¹ / ₂ "	0'- 2 ⁷ / ₈ "	4	18'- 6"	4	20'- 5"	
V	6	8'- 7 ¹ / ₂ "	6'- 6"	0'- 4 ¹ / ₄ "	10'- 0"	7'-10 ¹ / ₂ "	0'- 4 ¹ / ₄ "	4	11'-10"	2'-11 ¹ / ₈ "	0'- 7 ¹ / ₈ "	6	11'-10 ¹ / ₂ "	9'- 0"	0'- 2 ⁷ / ₈ "	13'- 3"	10'- 4 ¹ / ₂ "	0'- 2 ⁷ / ₈ "	4	19'- 6"	4	21'- 6"	
W	6	9'- 5 ¹ / ₂ "	7'- 2 ¹ / ₂ "	0'- 4 ¹ / ₂ "	10'-10"	8'- 7"	0'- 4 ¹ / ₂ "	4	12'-10"	2'-10"	0'- 7 ¹ / ₂ "	6	12'-10 ¹ / ₂ "	9'-10 ¹ / ₂ "	0'- 3"	14'- 3"	11'- 3"	0'- 3"	4	20'- 6"	4	22'- 8"	
X	6	10'- 5 ¹ / ₂ "	7'-10 ³ / ₄ "	0'- 5 ¹ / ₈ "	11'-10"	9'- 3 ¹ / ₄ "	0'- 5 ¹ / ₈ "	4	14'- 4"	2'-10"	0'- 8 ⁵ / ₈ "	6	14'- 3 ¹ / ₂ "	10'-11"	0'- 3 ³ / ₈ "	15'- 8"	12'- 3 ¹ / ₂ "	0'- 3 ³ / ₈ "	4	20'- 6"	4	22'- 8"	
Y	6	10'- 7 ¹ / ₂ "	7'- 9 ³ / ₈ "	0'- 4 ⁷ / ₈ "	12'- 0"	9'- 1 ⁷ / ₈ "	0'- 4 ⁷ / ₈ "	4	14'- 4"	2'- 9 ⁷ / ₈ "	0'- 8 ¹ / ₈ "	6	14'- 3 ¹ / ₂ "	11'- 1/2"	0'- 3 ¹ / ₄ "	15'- 8"	12'- 5"	0'- 3 ¹ / ₄ "	4	21'- 6"	4	23'- 9"	
Z	7	11'- 1 ³ / ₄ "	7'- 5 ¹ / ₈ "	0'- 4 ¹ / ₈ "	12'- 9"	9'- 1 ¹ / ₈ "	0'- 4 ¹ / ₈ "	4	14'-10"	2'- 7 ³ / ₄ "	0'- 8 ¹ / ₈ "	7	14'- 9 ³ / ₄ "	11'- 6 ³ / ₄ "	0'- 3 ¹ / ₄ "	16'- 5"	13'- 2"	0'- 3 ¹ / ₄ "	4	22'- 6"	4	24'-11"	
AA	7	11'- 3 ³ / ₄ "	7'-10 ¹ / ₈ "	0'- 4 ⁵ / ₈ "	12'-11"	9'- 5 ³ / ₈ "	0'- 4 ⁵ / ₈ "	4	14'-10"	3'- 1 ¹ / ₄ "	0'- 7 ¹ / ₈ "	7	14'- 9 ³ / ₄ "	11'- 8 ¹ / ₄ "	0'- 3 ¹ / ₈ "	16'- 5"	13'- 3 ¹ / ₂ "	0'- 3 ¹ / ₈ "	4	23'- 6"	4	26'- 0"	
BB	7	11'- 7 ³ / ₄ "	7'- 7"	0'- 4 ¹ / ₈ "	13'- 3"	9'- 2 ¹ / ₄ "	0'- 4 ¹ / ₈ "	4	15'- 4"	3'- 1 ³ / ₄ "	0'- 8 ¹ / ₈ "	7	15'- 3 ³ / ₄ "	12'- 3 ¹ / ₄ "	0'- 3 ¹ / ₄ "	16'-11"	13'- 8"	0'- 3 ¹ / ₄ "	4	23'- 6"	4	26'- 0"	
CC	7	11'- 3 ³ / ₄ "	7'- 4 ¹ / ₄ "	0'- 4 ³ / ₄ "	12'-11"	8'-11 ¹ / ₂ "	0'- 4 ³ / ₄ "	4	15'- 4"	3'- 3 ¹ / ₄ "	0'- 7 ³ / ₄ "	7	15'- 3 ³ / ₄ "	11'- 8"	0'- 3 ¹ / ₈ "	16'-11"	13'- 3 ¹ / ₄ "	0'- 3 ¹ / ₈ "	4	24'- 6"	4	27'- 1"	
DD	7	11'- 9 ³ / ₄ "	7'-11 ¹ / ₂ "	0'- 4 ⁵ / ₈ "	13'- 5"	9'- 6 ³ / ₄ "	0'- 4 ⁵ / ₈ "	4	15'-10"	2'-11"	0'- 7 ³ / ₄ "	7	15'- 9 ³ / ₄ "	12'- 2"	0'- 3 ¹ / ₈ "	17'- 5"	13'- 9 ¹ / ₄ "	0'- 3 ¹ / ₈ "	4	25'- 6"	4	28'- 3"	
EE	7	11'-11 ³ / ₄ "	7'- 8 ¹ / ₂ "	0'- 5 ¹ / ₈ "	13'- 7"	9'- 3 ³ / ₄ "	0'- 5 ¹ / ₈ "	4	16'-10"	2'-10 ¹ / ₂ "	0'- 8 ³ / ₈ "	8	16'-10"	12'- 4"	0'- 3 ³ / ₈ "	18'- 8"	14'- 2"	0'- 3 ³ / ₈ "	4	25'- 6"	4	28'- 3"	

WING DETAILS
 1 1/2:1 FILL SLOPE - TYPE I
 VIRGINIA DEPARTMENT OF TRANSPORTATION

STRUCTURE
 AND
 BRIDGE
 DIVISION