

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'- 6"	2'- 7 1/2"	0'- 1 3/4"	--	----	----	----	----	----	4	8'- 6"	4	9'- 0"			
B	--	----	----	----	----	----	4	3'- 6"	2'- 6"	0'- 1 1/2"	--	----	----	----	----	----	4	10'- 0"	4	10'- 7"			
C	--	----	----	----	----	----	4	3'- 6"	2'- 7"	0'- 1 3/8"	--	----	----	----	----	----	4	11'- 0"	4	11'- 8"			
D	--	----	----	----	----	----	4	3'- 6"	2'- 6 3/4"	0'- 1 1/8"	--	----	----	----	----	----	4	12'- 6"	4	13'- 3"			
E	--	----	----	----	----	----	4	3'- 6"	2'- 7"	0'- 1"	--	----	----	----	----	----	4	14'- 0"	4	14'-10"			
F	--	----	----	----	----	----	4	4'- 0"	2'- 7 1/2"	0'- 1 3/8"	--	----	----	----	----	----	4	15'- 6"	4	16'- 5"			
G	--	----	----	----	----	----	4	4'- 0"	2'- 7 3/4"	0'- 1 1/4"	--	----	----	----	----	----	4	17'- 0"	4	18'- 0"			
H	--	----	----	----	----	----	4	4'- 6"	2'- 7 1/4"	0'- 1 5/8"	--	----	----	----	----	----	4	18'- 6"	4	19'- 7"			
I	--	----	----	----	----	----	4	4'- 6"	2'- 7 1/2"	0'- 1 1/2"	--	----	----	----	----	----	4	19'- 6"	4	20'- 8"			
J	--	----	----	----	----	----	4	5'- 0"	2'- 8"	0'- 1 3/4"	--	----	----	----	----	----	4	21'- 0"	4	22'- 3"			
K	--	----	----	----	----	----	4	5'- 0"	2'- 6 3/4"	0'- 1 5/8"	--	----	----	----	----	----	4	22'- 6"	4	23'-10"			
L	--	----	----	----	----	----	4	5'- 6"	2'- 6 3/8"	0'- 1 1/8"	--	----	----	----	----	----	4	24'- 0"	4	25'- 5"			
M	4	6'- 0"	5'- 4 1/2"	0'- 1 1/4"	7'- 0"	6'- 4 1/2"	0'- 1 1/4"	4	6'- 0"	2'- 8"	0'- 2"	--	----	----	----	----	4	25'- 6"	4	27'- 0"			
N	4	6'- 0"	5'- 5 3/4"	0'- 1 1/4"	7'- 0"	6'- 5 3/4"	0'- 1 1/4"	4	6'- 0"	2'- 8 5/8"	0'- 1 7/8"	--	----	----	----	----	4	27'- 0"	4	28'- 7"			
O	4	6'- 6"	5'-11 1/8"	0'- 1 3/8"	7'- 6"	6'-11 1/8"	0'- 1 3/8"	4	6'- 6"	2'- 7 1/4"	0'- 2 1/8"	--	----	----	----	----	4	28'- 0"	4	29'- 8"			
P	4	5'-10"	4'-10 3/4"	0'- 1 1/4"	6'-10"	5'-10 3/4"	0'- 1 1/4"	4	6'- 6"	2'- 8"	0'- 2"	4	6'- 6"	5'-11"	0'- 3/8"	7'- 6"	6'-11"	0'- 3/8"	4	29'- 6"	4	31'- 3"	
Q	4	6'- 3"	5'- 2 5/8"	0'- 1 3/8"	7'- 3"	6'- 2 5/8"	0'- 1 3/8"	4	7'- 0"	2'- 9"	0'- 2 1/8"	4	7'- 0"	6'- 4 1/8"	0'- 1/8"	8'- 0"	7'- 4 1/8"	0'- 1/8"	4	31'- 0"	4	32'-10"	
R	4	6'- 2"	5'- 2 3/4"	0'- 1 1/4"	7'- 2"	6'- 2 3/4"	0'- 1 1/4"	4	7'- 0"	2'- 4 3/4"	0'- 2 1/8"	4	7'- 0"	6'- 3 1/4"	0'- 1/8"	8'- 0"	7'- 3 1/4"	0'- 1/8"	4	32'- 6"	4	34'- 5"	
S	4	6'- 5"	5'- 4 5/8"	0'- 1 3/8"	7'- 5"	6'- 4 5/8"	0'- 1 3/8"	4	7'- 6"	2'- 5 1/4"	0'- 2 1/4"	4	7'- 6"	6'- 6 5/8"	0'- 1/8"	8'- 6"	7'- 6 5/8"	0'- 1/8"	4	34'- 0"	4	36'- 0"	
T	5	6'- 5 1/4"	5'- 3 1/2"	0'- 1 1/4"	7'- 7"	6'- 5 1/4"	0'- 1 1/4"	4	7'- 6"	2'- 6 1/2"	0'- 2 1/8"	5	7'- 5 1/4"	6'- 7 1/2"	0'- 3/4"	8'- 7"	7'- 9 1/4"	0'- 3/4"	4	35'- 6"	4	37'- 7"	
U	5	6'-11 1/4"	5'- 5 3/8"	0'- 1 3/8"	8'- 1"	6'- 7 1/8"	0'- 1 3/8"	4	8'- 0"	2'- 6 3/4"	0'- 2 1/4"	5	7'-11 1/4"	7'- 3/4"	0'- 1/8"	9'- 1"	8'- 2 1/2"	0'- 1/8"	4	36'- 6"	4	38'- 9"	
V	5	6'-11 1/4"	5'- 7"	0'- 1 1/4"	8'- 1"	6'- 8 3/4"	0'- 1 1/4"	4	8'- 0"	2'- 8 1/4"	0'- 2 1/8"	5	7'-11 1/4"	6'-11 3/8"	0'- 1/8"	9'- 1"	8'- 1 5/8"	0'- 1/8"	4	38'- 0"	4	40'- 4"	
W	5	7'- 4 1/4"	5'- 7 5/8"	0'- 1 3/8"	8'- 6"	6'- 9 3/8"	0'- 1 3/8"	4	8'- 6"	2'- 8 1/4"	0'- 2 1/4"	5	8'- 5 1/4"	7'- 5 5/8"	0'- 1/8"	9'- 7"	8'- 7 5/8"	0'- 1/8"	4	39'- 6"	4	41'-11"	
X	5	7'-10 1/4"	5'-10 3/8"	0'- 1 3/8"	9'- 0"	7'- 5 5/8"	0'- 1 3/8"	4	8'-11"	2'- 7"	0'- 2 3/8"	5	8'-11 1/4"	7'-11 3/8"	0'- 1/8"	10'- 1"	9'- 1 5/8"	0'- 1/8"	4	41'- 0"	4	43'- 6"	
Y	5	7'-11 1/4"	5'- 6 3/4"	0'- 1 1/2"	9'- 1"	6'- 8 1/2"	0'- 1 1/2"	4	9'- 5"	2'- 8 1/4"	0'- 2 3/8"	5	9'- 5 1/4"	8'- 1/4"	0'- 1"	10'- 7"	9'- 2"	0'- 1"	4	42'- 6"	4	45'- 0"	
Z	5	8'- 1/4"	5'- 7 3/8"	0'- 1 3/8"	9'- 2"	6'- 9 1/8"	0'- 1 3/8"	4	9'- 5"	2'- 5 3/8"	0'- 2 3/8"	5	9'- 5 1/4"	8'- 2 3/8"	0'- 1/8"	10'- 7"	9'- 4 1/8"	0'- 1/8"	4	44'- 0"	4	46'- 7"	
AA	6	8'- 5 1/2"	5'-10"	0'- 1 1/2"	9'-10"	7'- 2 1/2"	0'- 1 1/2"	4	9'-11"	2'- 5"	0'- 2 1/2"	6	9'-11 1/2"	8'- 6 1/2"	0'- 1"	11'- 4"	9'-11"	0'- 1"	4	45'- 0"	4	47'- 9"	
BB	6	8'-10 1/2"	6'- 0"	0'- 1 1/2"	10'- 3"	7'- 4 1/2"	0'- 1 1/2"	4	10'- 5"	2'- 8 1/2"	0'- 2 1/2"	6	10'- 5 1/2"	9'- 1/2"	0'- 1"	11'-10"	10'- 5"	0'- 1"	4	46'- 6"	4	49'- 4"	
CC	6	9'- 8 1/2"	6'- 3 3/8"	0'- 1 5/8"	11'- 1"	7'- 8 3/8"	0'- 1 5/8"	4	11'- 5"	2'- 8 1/2"	0'- 2 3/4"	6	11'- 5 1/2"	9'-10 3/8"	0'- 1 1/8"	12'-10"	11'- 2 3/8"	0'- 1 1/8"	4	48'- 0"	4	50'-11"	
DD	6	10'- 2 1/2"	6'- 3 1/4"	0'- 1 3/4"	11'- 7"	7'- 7 3/4"	0'- 1 3/4"	4	12'- 5"	2'- 8"	0'- 3"	7	12'- 5 3/4"	10'- 3 1/2"	0'- 1 1/4"	14'- 1"	11'-10 3/4"	0'- 1 1/4"	4	49'- 6"	4	52'- 6"	
EE	7	10'- 2 3/4"	6'- 0"	0'- 1 3/4"	11'-10"	7'- 7 1/4"	0'- 1 3/4"	4	12'- 5"	2'-10"	0'- 2 1/8"	7	12'- 5 3/4"	10'- 6 1/8"	0'- 1 1/8"	14'- 1"	12'- 1 3/8"	0'- 1 1/8"	4	51'- 0"	4	54'- 1"	

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

STRUCTURE  
 AND  
 BRIDGE  
 DIVISION