

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'- 6 <sup>3</sup> / <sub>4</sub> "	0'- 2 <sup>1</sup> / <sub>4</sub> "	--	----	----	----	----	----	----	4	6'- 6"	4	6'-11"	
B	--	----	----	----	----	----	----	4	3'- 6"	2'- 6"	0'- 2"	--	----	----	----	----	----	----	4	7'- 6"	4	8'- 1"	
C	--	----	----	----	----	----	----	4	3'- 6"	2'- 7 <sup>1</sup> / <sub>2</sub> "	0'- 1 <sup>3</sup> / <sub>4</sub> "	--	----	----	----	----	----	----	4	8'- 6"	4	9'- 1"	
D	--	----	----	----	----	----	----	4	3'- 6"	2'- 7 <sup>1</sup> / <sub>2</sub> "	0'- 1 <sup>1</sup> / <sub>2</sub> "	--	----	----	----	----	----	----	4	9'- 6"	4	10'- 2"	
E	--	----	----	----	----	----	----	4	3'- 6"	2'- 7"	0'- 1 <sup>3</sup> / <sub>8</sub> "	--	----	----	----	----	----	----	4	10'- 6"	4	11'- 2"	
F	--	----	----	----	----	----	----	4	3'- 6"	2'- 6 <sup>3</sup> / <sub>4</sub> "	0'- 1 <sup>1</sup> / <sub>4</sub> "	--	----	----	----	----	----	----	4	11'- 6"	4	12'- 4"	
G	--	----	----	----	----	----	----	4	4'- 0"	2'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 1 <sup>3</sup> / <sub>4</sub> "	--	----	----	----	----	----	----	4	12'- 6"	4	13'- 4"	
H	--	----	----	----	----	----	----	4	4'- 6"	2'- 7 <sup>1</sup> / <sub>2</sub> "	0'- 2 <sup>1</sup> / <sub>4</sub> "	--	----	----	----	----	----	----	4	13'- 6"	4	14'- 5"	
I	--	----	----	----	----	----	----	4	4'- 6"	2'- 8"	0'- 2"	--	----	----	----	----	----	----	4	14'- 6"	4	15'- 6"	
J	--	----	----	----	----	----	----	4	4'-11"	2'- 8"	0'- 2 <sup>1</sup> / <sub>4</sub> "	--	----	----	----	----	----	----	4	15'- 6"	4	16'- 7"	
K	--	----	----	----	----	----	----	4	5'- 5"	2'- 6 <sup>3</sup> / <sub>8</sub> "	0'- 2 <sup>5</sup> / <sub>8</sub> "	--	----	----	----	----	----	----	4	16'- 6"	4	17'- 7"	
L	--	----	----	----	----	----	----	4	5'- 5"	2'- 6"	0'- 2 <sup>1</sup> / <sub>2</sub> "	--	----	----	----	----	----	----	4	17'- 6"	4	18'- 9"	
M	4	5'-11"	5'- 1 <sup>1</sup> / <sub>4</sub> "	0'- 1 <sup>5</sup> / <sub>8</sub> "	6'-11"	6'- 1 <sup>1</sup> / <sub>4</sub> "	0'- 1 <sup>5</sup> / <sub>8</sub> "	4	5'-11"	2'- 8 <sup>1</sup> / <sub>2</sub> "	0'- 2 <sup>3</sup> / <sub>4</sub> "	--	----	----	----	----	----	----	4	18'- 6"	4	19'- 9"	
N	4	5'-11"	5'- 1 <sup>1</sup> / <sub>4</sub> "	0'- 1 <sup>5</sup> / <sub>8</sub> "	6'-11"	6'- 1 <sup>1</sup> / <sub>4</sub> "	0'- 1 <sup>5</sup> / <sub>8</sub> "	4	5'-11"	2'- 8 <sup>1</sup> / <sub>2</sub> "	0'- 2 <sup>3</sup> / <sub>4</sub> "	--	----	----	----	----	----	----	4	18'- 6"	4	19'- 9"	
O	4	6'- 5"	5'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 1 <sup>3</sup> / <sub>4</sub> "	7'- 5"	6'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 1 <sup>3</sup> / <sub>4</sub> "	4	6'- 5"	2'- 8"	0'- 3"	--	----	----	----	----	----	----	4	19'- 6"	4	20'-10"	
P	4	5'- 6"	4'- 8"	0'- 2"	6'- 6"	5'- 8"	0'- 2"	4	6'-11"	2'- 7"	0'- 3 <sup>1</sup> / <sub>4</sub> "	4	6'-11"	5'- 8"	0'- 1 <sup>1</sup> / <sub>4</sub> "	7'-11"	6'- 8"	0'- 1 <sup>1</sup> / <sub>4</sub> "	4	20'- 6"	4	21'-11"	
Q	4	5'- 7"	4'- 9 <sup>5</sup> / <sub>8</sub> "	0'- 1 <sup>7</sup> / <sub>8</sub> "	6'- 7"	5'- 9 <sup>5</sup> / <sub>8</sub> "	0'- 1 <sup>7</sup> / <sub>8</sub> "	4	6'-11"	2'- 8"	0'- 3"	4	6'-11"	5'- 8"	0'- 1 <sup>1</sup> / <sub>4</sub> "	7'-11"	6'- 8"	0'- 1 <sup>1</sup> / <sub>4</sub> "	4	21'- 6"	4	23'- 0"	
R	4	6'- 0"	5'- 2"	0'- 2"	7'- 0"	6'- 2"	0'- 2"	4	7'- 5"	2'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 3 <sup>1</sup> / <sub>4</sub> "	4	7'- 5"	6'- 2"	0'- 1 <sup>1</sup> / <sub>4</sub> "	8'- 5"	7'- 2"	0'- 1 <sup>1</sup> / <sub>4</sub> "	4	22'- 6"	4	24'- 0"	
S	4	6'- 5"	5'- 6 <sup>3</sup> / <sub>8</sub> "	0'- 2 <sup>1</sup> / <sub>8</sub> "	7'- 5"	6'- 6 <sup>3</sup> / <sub>8</sub> "	0'- 2 <sup>1</sup> / <sub>8</sub> "	4	7'-11"	2'-10 <sup>1</sup> / <sub>4</sub> "	0'- 3 <sup>3</sup> / <sub>8</sub> "	4	7'-11"	6'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 1 <sup>3</sup> / <sub>8</sub> "	8'-11"	7'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 1 <sup>3</sup> / <sub>8</sub> "	4	23'- 6"	4	25'- 2"	
T	4	5'-11"	4'- 9"	0'- 2"	6'-11"	5'- 9"	0'- 2"	4	7'-11"	2'- 9 <sup>1</sup> / <sub>4</sub> "	0'- 3 <sup>1</sup> / <sub>4</sub> "	4	7'-11"	6'- 1 <sup>3</sup> / <sub>4</sub> "	0'- 1 <sup>1</sup> / <sub>4</sub> "	8'-11"	7'- 1 <sup>3</sup> / <sub>4</sub> "	0'- 1 <sup>1</sup> / <sub>4</sub> "	4	24'- 6"	4	26'- 2"	
U	5	7'- 2 <sup>1</sup> / <sub>4</sub> "	5'- 4 <sup>1</sup> / <sub>4</sub> "	0'- 2"	8'- 4"	6'- 6"	0'- 2"	4	8'- 5"	2'- 7"	0'- 3 <sup>1</sup> / <sub>2</sub> "	5	8'- 5 <sup>1</sup> / <sub>4</sub> "	7'- 4 <sup>7</sup> / <sub>8</sub> "	0'- 1 <sup>3</sup> / <sub>8</sub> "	9'- 7"	8'- 6 <sup>5</sup> / <sub>8</sub> "	0'- 1 <sup>3</sup> / <sub>8</sub> "	4	25'- 6"	4	27'- 3"	
V	5	7'- 5 <sup>1</sup> / <sub>4</sub> "	5'- 5 <sup>7</sup> / <sub>8</sub> "	0'- 2 <sup>1</sup> / <sub>8</sub> "	8'- 7"	6'- 7 <sup>5</sup> / <sub>8</sub> "	0'- 2 <sup>1</sup> / <sub>8</sub> "	4	8'-11"	2'- 6 <sup>7</sup> / <sub>8</sub> "	0'- 3 <sup>5</sup> / <sub>8</sub> "	5	8'-11 <sup>1</sup> / <sub>4</sub> "	7'- 6 <sup>3</sup> / <sub>4</sub> "	0'- 1 <sup>1</sup> / <sub>2</sub> "	10'- 1"	8'- 8 <sup>1</sup> / <sub>2</sub> "	0'- 1 <sup>1</sup> / <sub>2</sub> "	4	26'- 6"	4	28'- 3"	
W	5	7'- 7 <sup>1</sup> / <sub>4</sub> "	5'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 2 <sup>1</sup> / <sub>4</sub> "	8'- 9"	6'- 8 <sup>1</sup> / <sub>4</sub> "	0'- 2 <sup>1</sup> / <sub>4</sub> "	4	9'- 5"	2'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 3 <sup>3</sup> / <sub>4</sub> "	5	9'- 5 <sup>1</sup> / <sub>4</sub> "	7'- 9 <sup>3</sup> / <sub>4</sub> "	0'- 1 <sup>1</sup> / <sub>2</sub> "	10'- 7"	8'-11 <sup>1</sup> / <sub>2</sub> "	0'- 1 <sup>1</sup> / <sub>2</sub> "	4	27'- 6"	4	29'- 5"	
X	5	8'- 5 <sup>1</sup> / <sub>4</sub> "	5'- 3 <sup>3</sup> / <sub>4</sub> "	0'- 2 <sup>1</sup> / <sub>2</sub> "	9'- 7"	6'- 5 <sup>1</sup> / <sub>2</sub> "	0'- 2 <sup>1</sup> / <sub>2</sub> "	4	10'- 5"	2'-10 <sup>1</sup> / <sub>4</sub> "	0'- 4 <sup>1</sup> / <sub>8</sub> "	5	10'- 5 <sup>1</sup> / <sub>4</sub> "	8'- 8 <sup>1</sup> / <sub>8</sub> "	0'- 1 <sup>5</sup> / <sub>8</sub> "	11'- 7"	9'- 9 <sup>7</sup> / <sub>8</sub> "	0'- 1 <sup>5</sup> / <sub>8</sub> "	4	28'- 6"	4	30'- 5"	
Y	5	8'-11 <sup>1</sup> / <sub>4</sub> "	5'- 6"	0'- 2 <sup>3</sup> / <sub>4</sub> "	10'- 1"	6'- 7 <sup>3</sup> / <sub>4</sub> "	0'- 2 <sup>3</sup> / <sub>4</sub> "	4	11'- 5"	2'- 9 <sup>1</sup> / <sub>2</sub> "	0'- 4 <sup>1</sup> / <sub>2</sub> "	5	11'- 5 <sup>1</sup> / <sub>4</sub> "	9'- 1 <sup>1</sup> / <sub>8</sub> "	0'- 1 <sup>7</sup> / <sub>8</sub> "	12'- 7"	10'- 2 <sup>7</sup> / <sub>8</sub> "	0'- 1 <sup>7</sup> / <sub>8</sub> "	4	29'- 6"	4	31'- 6"	
Z	5	9'- 1 <sup>1</sup> / <sub>4</sub> "	5'- 8"	0'- 2 <sup>3</sup> / <sub>4</sub> "	10'- 3"	6'- 9 <sup>3</sup> / <sub>4</sub> "	0'- 2 <sup>3</sup> / <sub>4</sub> "	4	11'-11"	2'- 8"	0'- 4 <sup>3</sup> / <sub>8</sub> "	5	11'-11 <sup>1</sup> / <sub>4</sub> "	9'- 3 <sup>3</sup> / <sub>8</sub> "	0'- 1 <sup>7</sup> / <sub>8</sub> "	13'- 1"	10'- 5 <sup>1</sup> / <sub>8</sub> "	0'- 1 <sup>7</sup> / <sub>8</sub> "	4	30'- 6"	4	32'- 7"	
AA	6	9'- 6 <sup>1</sup> / <sub>2</sub> "	5'-11 <sup>3</sup> / <sub>8</sub> "	0'- 2 <sup>1</sup> / <sub>8</sub> "	10'-11"	7'- 3 <sup>7</sup> / <sub>8</sub> "	0'- 2 <sup>1</sup> / <sub>8</sub> "	4	12'- 5"	2'- 6 <sup>1</sup> / <sub>4</sub> "	0'- 4 <sup>3</sup> / <sub>4</sub> "	6	12'- 4 <sup>1</sup> / <sub>2</sub> "	9'- 8 <sup>5</sup> / <sub>8</sub> "	0'- 1 <sup>7</sup> / <sub>8</sub> "	13'- 9"	11'- 1 <sup>1</sup> / <sub>8</sub> "	0'- 1 <sup>7</sup> / <sub>8</sub> "	4	31'- 6"	4	33'- 8"	
BB	6	10'- 3 <sup>1</sup> / <sub>2</sub> "	6'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 3"	11'- 8"	7'-11"	0'- 3"	4	13'- 5"	2'- 7"	0'- 5"	6	13'- 4 <sup>1</sup> / <sub>2</sub> "	10'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 2"	14'- 9"	11'-11"	0'- 2"	4	32'- 6"	4	34'- 8"	
CC	6	10'- 9 <sup>1</sup> / <sub>2</sub> "	7'- 1 <sup>1</sup> / <sub>2</sub> "	0'- 3"	12'- 2"	8'- 5"	0'- 3"	4	13'-11"	2'- 9 <sup>3</sup> / <sub>4</sub> "	0'- 5 <sup>1</sup> / <sub>8</sub> "	6	13'-10 <sup>1</sup> / <sub>2</sub> "	11'- 1 <sup>1</sup> / <sub>2</sub> "	0'- 2"	15'- 3"	12'- 5"	0'- 2"	4	33'- 6"	4	35'-10"	
DD	6	11'- 2 <sup>1</sup> / <sub>2</sub> "	6'- 3 <sup>1</sup> / <sub>8</sub> "	0'- 3 <sup>1</sup> / <sub>8</sub> "	12'- 7"	7'- 7 <sup>5</sup> / <sub>8</sub> "	0'- 3 <sup>1</sup> / <sub>8</sub> "	4	14'- 5"	2'-10 <sup>5</sup> / <sub>8</sub> "	0'- 5 <sup>1</sup> / <sub>8</sub> "	6	14'- 4 <sup>1</sup> / <sub>2</sub> "	11'- 6 <sup>1</sup> / <sub>2</sub> "	0'- 2"	15'- 9"	12'-11"	0'- 2"	4	34'- 6"	4	36'-10"	
EE	6	11'- 8 <sup>1</sup> / <sub>2</sub> "	6'- 9 <sup>1</sup> / <sub>8</sub> "	0'- 3 <sup>1</sup> / <sub>8</sub> "	13'- 1"	8'- 1 <sup>5</sup> / <sub>8</sub> "	0'- 3 <sup>1</sup> / <sub>8</sub> "	4	14'-11"	2'- 8"	0'- 5 <sup>1</sup> / <sub>4</sub> "	6	14'-10 <sup>1</sup> / <sub>2</sub> "	11'-10 <sup>3</sup> / <sub>8</sub> "	0'- 2 <sup>1</sup> / <sub>8</sub> "	16'- 3"	13'- 2 <sup>7</sup> / <sub>8</sub> "	0'- 2 <sup>1</sup> / <sub>8</sub> "	4	35'- 6"	4	37'-11"	

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

STRUCTURE  
 AND  
 BRIDGE  
 DIVISION