

WING	SIZE	WV3						WV4						
		a			LENGTH			a			LENGTH			
		From	To	Vary By	From	To	Vary By	From	To	Vary By	From	To	Vary By	
A	--	----	----	----	----	----	----	--	----	----	----	----	----	----
B	--	----	----	----	----	----	----	--	----	----	----	----	----	----
C	--	----	----	----	----	----	----	--	----	----	----	----	----	----
D	--	----	----	----	----	----	----	--	----	----	----	----	----	----
E	--	----	----	----	----	----	----	--	----	----	----	----	----	----
F	--	----	----	----	----	----	----	--	----	----	----	----	----	----
G	--	----	----	----	----	----	----	--	----	----	----	----	----	----
H	--	----	----	----	----	----	----	--	----	----	----	----	----	----
I	--	----	----	----	----	----	----	--	----	----	----	----	----	----
J	--	----	----	----	----	----	----	--	----	----	----	----	----	----
K	4	9'-11 <sup>1</sup> / <sub>4</sub> "	8'-6 <sup>1</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	11'-11"	10'-6"	0'-4 <sup>1</sup> / <sub>4</sub> "	--	----	----	----	----	----	----
L	4	10'-5 <sup>1</sup> / <sub>4</sub> "	9'-1 <sup>1</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	12'-5"	11'-0"	0'-4 <sup>1</sup> / <sub>4</sub> "	--	----	----	----	----	----	----
M	5	10'-11 <sup>3</sup> / <sub>4</sub> "	9'-6 <sup>1</sup> / <sub>4</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	13'-0"	11'-6 <sup>1</sup> / <sub>2</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	--	----	----	----	----	----	----
N	5	11'-5 <sup>3</sup> / <sub>4</sub> "	10'-1 <sup>1</sup> / <sub>4</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	13'-6"	12'-1 <sup>1</sup> / <sub>2</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	--	----	----	----	----	----	----
O	5	11'-11 <sup>3</sup> / <sub>4</sub> "	9'-10 <sup>1</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	14'-0"	11'-10 <sup>1</sup> / <sub>2</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	--	----	----	----	----	----	----
P	6	12'-5 <sup>5</sup> / <sub>8</sub> "	9'-7 <sup>5</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	14'-7"	11'-9"	0'-4 <sup>1</sup> / <sub>4</sub> "	--	----	----	----	----	----	----
Q	6	12'-11 <sup>5</sup> / <sub>8</sub> "	10'-1 <sup>5</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	15'-1"	12'-3"	0'-4 <sup>1</sup> / <sub>4</sub> "	--	----	----	----	----	----	----
R	6	13'-5 <sup>5</sup> / <sub>8</sub> "	9'-11 <sup>1</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	15'-7"	12'-1 <sup>1</sup> / <sub>2</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	--	----	----	----	----	----	----
S	5	12'-2 <sup>3</sup> / <sub>4</sub> "	10'-4 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	14'-3"	12'-5 <sup>1</sup> / <sub>8</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	5	14'-2 <sup>3</sup> / <sub>4</sub> "	12'-6 <sup>5</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	16'-3"	14'-6 <sup>1</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "
T	5	12'-8 <sup>3</sup> / <sub>4</sub> "	10'-2 <sup>1</sup> / <sub>8</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	14'-9"	12'-2 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	5	14'-11 <sup>3</sup> / <sub>4</sub> "	13'- <sup>3</sup> / <sub>4</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	17'-0"	15'-1"	0'-2 <sup>1</sup> / <sub>8</sub> "
U	6	13'-2 <sup>5</sup> / <sub>8</sub> "	10'-8"	0'-4 <sup>3</sup> / <sub>8</sub> "	15'-4"	12'-9 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	6	15'-5 <sup>5</sup> / <sub>8</sub> "	13'-6 <sup>5</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	17'-7"	15'-8"	0'-2 <sup>1</sup> / <sub>8</sub> "
V	6	13'-5 <sup>5</sup> / <sub>8</sub> "	10'-3 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	15'-7"	12'-4 <sup>3</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	6	15'-11 <sup>5</sup> / <sub>8</sub> "	13'-9 <sup>3</sup> / <sub>4</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	18'-1"	15'-11 <sup>1</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "
W	6	13'-11 <sup>5</sup> / <sub>8</sub> "	10'-8 <sup>1</sup> / <sub>4</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	16'-1"	12'-9 <sup>5</sup> / <sub>8</sub> "	0'-4 <sup>3</sup> / <sub>8</sub> "	6	16'-5 <sup>5</sup> / <sub>8</sub> "	14'-3 <sup>3</sup> / <sub>4</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	18'-7"	16'-5 <sup>1</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "
X	6	14'-3 <sup>5</sup> / <sub>8</sub> "	9'-8 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	16'-5"	11'-9 <sup>3</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	7	16'-11 <sup>5</sup> / <sub>8</sub> "	14'-6 <sup>5</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	19'-2"	16'-9 <sup>1</sup> / <sub>4</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "
Y	6	14'-8 <sup>5</sup> / <sub>8</sub> "	10'-1 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	16'-10"	12'-2 <sup>3</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	6	17'-5 <sup>5</sup> / <sub>8</sub> "	15'- <sup>1</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	19'-7"	17'-2 <sup>1</sup> / <sub>4</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "
Z	6	14'-9 <sup>5</sup> / <sub>8</sub> "	10'-2 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	16'-11"	12'-3 <sup>3</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	7	17'-11 <sup>5</sup> / <sub>8</sub> "	15'-1 <sup>1</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	20'-2"	17'-3 <sup>1</sup> / <sub>2</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "
AA	6	14'-9 <sup>5</sup> / <sub>8</sub> "	10'-2 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	16'-11"	12'-3 <sup>3</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	7	18'-5 <sup>5</sup> / <sub>8</sub> "	15'-1 <sup>3</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	20'-8"	17'-3 <sup>3</sup> / <sub>4</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "
BB	6	14'-9 <sup>5</sup> / <sub>8</sub> "	10'-2 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	16'-11"	12'-3 <sup>3</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	7	18'-11 <sup>5</sup> / <sub>8</sub> "	15'-1 <sup>5</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	21'-2"	17'-4"	0'-2 <sup>1</sup> / <sub>8</sub> "
CC	7	15'-3 <sup>5</sup> / <sub>8</sub> "	10'-8 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	17'-6"	12'-10 <sup>3</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	7	19'-5 <sup>5</sup> / <sub>8</sub> "	15'-7 <sup>5</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	21'-8"	17'-10"	0'-2 <sup>1</sup> / <sub>8</sub> "
DD	7	15'-9 <sup>5</sup> / <sub>8</sub> "	9'-9 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	18'-0"	11'-11 <sup>3</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	8	19'-11 <sup>1</sup> / <sub>2</sub> "	16'-1 <sup>1</sup> / <sub>2</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	22'-3"	18'-5"	0'-2 <sup>1</sup> / <sub>8</sub> "
EE	7	16'-1 <sup>5</sup> / <sub>8</sub> "	10'-1 <sup>3</sup> / <sub>8</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	18'-4"	12'-3 <sup>3</sup> / <sub>4</sub> "	0'-4 <sup>1</sup> / <sub>4</sub> "	8	20'-5 <sup>1</sup> / <sub>2</sub> "	16'-4 <sup>5</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "	22'-9"	18'-8 <sup>1</sup> / <sub>8</sub> "	0'-2 <sup>1</sup> / <sub>8</sub> "

**WING DETAILS**  
 1<sup>1</sup>/<sub>2</sub>:1 FILL SLOPE - TYPE II  
 VIRGINIA DEPARTMENT OF TRANSPORTATION

STRUCTURE  
AND  
BRIDGE  
DIVISION