

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



ROAD AND BRIDGE STANDARDS

SHEET 5 OF 7

REVISION DATE

1006.05

# WING DETAILS

1 1/2: 1 FILL SLOPE - TYPE I

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE