


2016 ROAD & BRIDGE STANDARDS

BCW-12

WING	WF4			WF5						WF6						
	SIZE	LENGTH	SIZE	α			LENGTH			SIZE	α			LENGTH		
				FROM	TO	VARY BY	FROM	TO	VARY BY		FROM	TO	VARY BY	FROM	TO	VARY BY
A	4	5'-8"	-	-	-	-	-	-	-	4	3'-4"	2'-5"	0'-1 ⁷ / ₈ "	4'-9"	3'-9"	0'-1 ⁷ / ₈ "
B	4	6'-8"	-	-	-	-	-	-	-	4	3'-4"	2'-5"	0'-1 ¹ / ₂ "	4'-9"	3'-9"	0'-1 ¹ / ₂ "
C	4	7'-8"	-	-	-	-	-	-	-	4	3'-4"	2'-5"	0'-1 ³ / ₈ "	4'-9"	3'-9"	0'-1 ³ / ₈ "
D	4	8'-9"	-	-	-	-	-	-	-	4	3'-7"	2'-5"	0'-1 ¹ / ₂ "	5'-0"	3'-9"	0'-1 ¹ / ₂ "
E	4	9'-9"	-	-	-	-	-	-	-	4	3'-10"	2'-5"	0'-1 ⁵ / ₈ "	5'-3"	3'-9"	0'-1 ⁵ / ₈ "
F	4	10'-9"	-	-	-	-	-	-	-	4	4'-1"	2'-5"	0'-1 ⁷ / ₈ "	5'-6"	3'-9"	0'-1 ⁷ / ₈ "
G	4	11'-9"	4	4'-4"	3'-9"	0'-1 ³ / ₈ "	5'-9"	5'-2"	0'-1 ³ / ₈ "	4	4'-4"	2'-5"	0'-1 ⁷ / ₈ "	5'-9"	3'-9"	0'-1 ⁷ / ₈ "
H	4	13'-4"	4	4'-8"	3'-11"	0'-1 ³ / ₈ "	6'-0"	5'-3"	0'-1 ³ / ₈ "	4	4'-7"	2'-6"	0'-1 ⁷ / ₈ "	6'-0"	3'-10"	0'-1 ⁷ / ₈ "
I	4	14'-4"	4	3'-9"	2'-9"	0'-1 ¹ / ₂ "	5'-2"	4'-2"	0'-1 ¹ / ₂ "	4	4'-10"	2'-6"	0'-2"	6'-3"	3'-11"	0'-2"
J	4	15'-4"	4	4'-0"	2'-11"	0'-1 ¹ / ₂ "	5'-4"	4'-4"	0'-1 ¹ / ₂ "	4	5'-1"	2'-6"	0'-2"	6'-5"	3'-11"	0'-2"
K	4	16'-5"	5	4'-2"	3'-1"	0'-1 ¹ / ₂ "	5'-6"	4'-5"	0'-1 ¹ / ₂ "	4	5'-4"	2'-6"	0'-2"	6'-8"	3'-11"	0'-2"
L	4	17'-6"	5	4'-7"	3'-5"	0'-1 ³ / ₄ "	5'-11"	4'-9"	0'-1 ³ / ₄ "	4	5'-10"	2'-6"	0'-2 ¹ / ₄ "	7'-2"	3'-11"	0'-2 ¹ / ₄ "
M	4	18'-5"	5	4'-8"	3'-6"	0'-1 ⁵ / ₈ "	5'-11"	4'-10"	0'-1 ⁵ / ₈ "	4	5'-10"	2'-6"	0'-2 ¹ / ₈ "	7'-2"	3'-11"	0'-2 ¹ / ₈ "
N	4	19'-6"	4	4'-10"	3'-4"	0'-1 ³ / ₄ "	6'-2"	4'-8"	0'-1 ³ / ₄ "	4	6'-4"	2'-6"	0'-2 ³ / ₈ "	7'-8"	3'-11"	0'-2 ³ / ₈ "
O	4	21'-1"	4	5'-3"	3'-8"	0'-1 ⁷ / ₈ "	6'-7"	5'-1"	0'-1 ⁷ / ₈ "	4	6'-10"	2'-5"	0'-2 ¹ / ₂ "	8'-2"	3'-10"	0'-2 ¹ / ₂ "
P	4	22'-1"	4	5'-1"	3'-6"	0'-1 ³ / ₄ "	6'-6"	4'-10"	0'-1 ³ / ₄ "	4	6'-10"	2'-5"	0'-2 ³ / ₈ "	8'-2"	3'-10"	0'-2 ³ / ₈ "
Q	4	23'-2"	4	5'-6"	3'-9"	0'-1 ⁷ / ₈ "	6'-11"	5'-1"	0'-1 ⁷ / ₈ "	4	7'-4"	2'-5"	0'-2 ¹ / ₂ "	8'-8"	3'-10"	0'-2 ¹ / ₂ "
R	4	24'-3"	4	5'-11"	4'-1"	0'-2"	7'-4"	5'-5"	0'-2"	4	7'-10"	2'-5"	0'-2 ⁵ / ₈ "	9'-2"	3'-10"	0'-2 ⁵ / ₈ "
S	4	25'-4"	4	6'-4"	4'-4"	0'-2"	8'-2"	6'-3"	0'-2"	4	8'-4"	2'-5"	0'-2 ⁷ / ₈ "	10'-2"	4'-4"	0'-2 ⁷ / ₈ "
T	4	26'-5"	4	6'-6"	4'-3"	0'-2 ¹ / ₈ "	8'-10"	6'-8"	0'-2 ¹ / ₈ "	4	8'-10"	2'-5"	0'-2 ⁷ / ₈ "	11'-2"	4'-10"	0'-2 ⁷ / ₈ "
U	4	27'-6"	4	6'-10"	4'-7"	0'-2 ¹ / ₄ "	9'-3"	6'-11"	0'-2 ¹ / ₄ "	4	9'-4"	2'-5"	0'-3"	11'-8"	4'-10"	0'-3"
V	4	28'-7"	4	7'-0"	4'-3"	0'-2 ¹ / ₄ "	9'-5"	6'-8"	0'-2 ¹ / ₄ "	4	9'-10"	2'-5"	0'-3 ¹ / ₈ "	12'-2"	4'-10"	0'-3 ¹ / ₈ "
W	4	29'-7"	5	7'-1"	4'-5"	0'-2 ¹ / ₄ "	9'-5"	6'-9"	0'-2 ¹ / ₄ "	5	9'-10"	2'-5"	0'-3"	12'-2"	4'-9"	0'-3"
X	4	31'-2"	5	7'-4"	4'-5"	0'-2 ¹ / ₄ "	9'-8"	6'-9"	0'-2 ¹ / ₄ "	5	10'-4"	2'-7"	0'-3"	12'-8"	4'-11"	0'-3"
Y	4	32'-3"	5	7'-9"	4'-9"	0'-2 ³ / ₈ "	10'-1"	7'-1"	0'-2 ³ / ₈ "	5	10'-10"	2'-7"	0'-3 ¹ / ₈ "	13'-2"	4'-11"	0'-3 ¹ / ₈ "
Z	4	33'-4"	5	8'-2"	5'-1"	0'-2 ³ / ₈ "	10'-6"	7'-5"	0'-2 ³ / ₈ "	5	11'-4"	2'-7"	0'-3 ¹ / ₄ "	13'-8"	4'-11"	0'-3 ¹ / ₄ "
AA	4	34'-5"	6	8'-7"	5'-5"	0'-2 ¹ / ₂ "	10'-10"	7'-8"	0'-2 ¹ / ₂ "	5	11'-10"	2'-7"	0'-3 ¹ / ₄ "	14'-2"	4'-11"	0'-3 ¹ / ₄ "
BB	4	35'-7"	6	8'-8"	5'-3"	0'-2 ¹ / ₂ "	11'-0"	7'-7"	0'-2 ¹ / ₂ "	5	12'-4"	2'-7"	0'-3 ³ / ₈ "	14'-8"	4'-11"	0'-3 ³ / ₈ "
CC	4	36'-7"	6	9'-0"	5'-7"	0'-2 ¹ / ₂ "	11'-3"	7'-10"	0'-2 ¹ / ₂ "	5	12'-7"	2'-7"	0'-3 ³ / ₈ "	14'-11"	4'-11"	0'-3 ³ / ₈ "
DD	4	37'-9"	6	9'-3"	5'-3"	0'-2 ⁵ / ₈ "	11'-6"	7'-6"	0'-2 ⁵ / ₈ "	5	13'-4"	2'-7"	0'-3 ¹ / ₂ "	15'-7"	4'-11"	0'-3 ¹ / ₂ "
EE	4	39'-6"	6	10'-1"	5'-10"	0'-2 ³ / ₄ "	12'-4"	8'-1"	0'-2 ³ / ₄ "	5	14'-4"	2'-5"	0'-3 ⁵ / ₈ "	16'-7"	4'-9"	0'-3 ⁵ / ₈ "

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE

 ROAD AND BRIDGE STANDARDS	<h2>WING DETAILS</h2> <p>1¹/₂: 1 FILL SLOPE - TYPE II</p> VIRGINIA DEPARTMENT OF TRANSPORTATION		SPECIFICATION REFERENCE
	SHEET 5 OF 8 1006.13	REVISION DATE 07/12	