


BCW-21

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

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

 ROAD AND BRIDGE STANDARDS		WING DETAILS 2:1 FILL SLOPE - TYPE I VIRGINIA DEPARTMENT OF TRANSPORTATION		SPECIFICATION REFERENCE
SHEET 5 OF 8	REVISION DATE			
1007.05	07/12			