

| WING | WF1 | | WF2 | | | | | WF3 | | | | | | WF4 | | |
|------|------|---------|------|---------|------------|------------|------|------|------------|------------|------------|--------|------------|------------|------|---------|
| | SIZE | LENGTH | SIZE | LENGTH | | | * Ea | SIZE | a | | | LENGTH | | | SIZE | LENGTH |
| | | | | From | To | Vary By | | | From | To | Vary By | From | To | Vary By | | |
| A | 4 | 4'- 6" | -- | ---- | ---- | ---- | -- | 4 | 3'- 5" | 2'- 8" | 0'- 2/4" | 4'- 5" | 3'- 8" | 0'- 2/4" | 4 | 4'- 7" |
| B | 4 | 5'- 6" | -- | ---- | ---- | ---- | -- | 4 | 3'- 5" | 2'- 7 5/8" | 0'- 1 1/8" | 4'- 5" | 3'- 7 5/8" | 0'- 1 1/8" | 4 | 5'- 7" |
| C | 4 | 6'- 6" | -- | ---- | ---- | ---- | -- | 4 | 3'- 6" | 2'- 7 1/2" | 0'- 1 3/4" | 4'- 6" | 3'- 7 1/2" | 0'- 1 3/4" | 4 | 6'- 7" |
| D | 4 | 6'- 6" | -- | ---- | ---- | ---- | -- | 4 | 3'- 6" | 2'- 7 1/2" | 0'- 1 3/4" | 4'- 6" | 3'- 7 1/2" | 0'- 1 3/4" | 4 | 6'- 7" |
| E | 4 | 7'- 6" | 4 | 2'- 5" | ---- | ---- | 2 | 4 | 3'-11" | 2'- 7 1/4" | 0'- 2 1/4" | 4'-11" | 3'- 7 1/4" | 0'- 2 1/4" | 4 | 7'- 8" |
| F | 4 | 8'- 6" | 4 | 2'- 9" | ---- | ---- | 2 | 4 | 3'-11" | 2'- 8" | 0'- 1 1/8" | 4'-11" | 3'- 8" | 0'- 1 1/8" | 4 | 8'- 7" |
| G | 4 | 8'- 6" | 4 | 5'- 1" | 2'- 5" | 2'- 8" | 2 | 4 | 4'-11" | 2'- 8" | 0'- 3 3/8" | 5'-11" | 3'- 8" | 0'- 3 3/8" | 4 | 8'-10" |
| H | 4 | 9'- 6" | 4 | 5'- 9" | 2'- 8 5/8" | 3'- 3/8" | 2 | 4 | 4'-11" | 2'- 8" | 0'- 3" | 5'-11" | 3'- 8" | 0'- 3" | 4 | 9'-10" |
| I | 4 | 10'- 6" | 4 | 7'- 1" | 2'- 5 1/2" | 2'- 3 3/4" | 2 | 4 | 5'- 5" | 2'- 8 1/2" | 0'- 3 1/4" | 6'- 5" | 3'- 8 1/2" | 0'- 3 1/4" | 4 | 10'-11" |
| J | 4 | 11'- 6" | 4 | 8'- 3" | 2'- 3 1/4" | 2'-11 1/8" | 2 | 4 | 4'- 9" | 2'- 8 1/2" | 0'- 3 1/2" | 5'- 9" | 3'- 8 1/2" | 0'- 3 1/2" | 4 | 12'- 0" |
| K | 4 | 12'- 6" | 4 | 9'- 6" | 2'- 1 7/8" | 2'- 5 3/8" | 2 | 4 | 5'- 2" | 2'- 9" | 0'- 3 5/8" | 6'- 2" | 3'- 9" | 0'- 3 5/8" | 4 | 13'- 1" |
| L | 4 | 12'- 6" | 4 | 9'-10" | 1'-10 3/8" | 2'- 7 7/8" | 2 | 4 | 5'- 6" | 2'- 9" | 0'- 4 1/8" | 6'- 6" | 3'- 9" | 0'- 4 1/8" | 4 | 13'- 3" |
| M | 4 | 13'- 6" | 4 | 10'- 7" | 2'- 5/8" | 2'-10 1/8" | 2 | 4 | 5'- 2" | 2'- 7" | 0'- 3 3/8" | 6'- 2" | 3'- 7" | 0'- 3 3/8" | 4 | 14'- 2" |
| N | 4 | 13'- 6" | 4 | 11'- 2" | 1'- 7 1/2" | 2'- 4 3/4" | 2 | 4 | 5'- 5" | 2'- 7 3/4" | 0'- 4 3/4" | 6'- 5" | 3'- 7 3/4" | 0'- 4 3/4" | 4 | 14'- 6" |
| O | 4 | 14'- 6" | 4 | 12'- 0" | 1'- 9" | 2'- 6 3/4" | 2 | 4 | 5'- 4" | 2'- 9 3/8" | 0'- 4 3/8" | 6'- 4" | 3'- 9 3/8" | 0'- 4 3/8" | 4 | 15'- 5" |
| P | 4 | 15'- 6" | 4 | 13'- 0" | 1'- 8 3/8" | 2'- 3 1/8" | 2 | 4 | 5'- 2" | 2'- 6 1/2" | 0'- 4 1/2" | 6'- 2" | 3'- 6 1/2" | 0'- 4 1/2" | 4 | 16'- 7" |
| Q | 4 | 15'- 6" | 4 | 13'- 3" | 1'- 6 3/8" | 2'- 4 1/8" | 2 | 4 | 5'- 1" | 2'- 8 1/2" | 0'- 4 3/4" | 6'- 1" | 3'- 8 1/2" | 0'- 4 3/4" | 4 | 16'- 9" |
| R | 4 | 16'- 6" | 4 | 14'- 3" | 1'- 6" | 2'- 1 1/2" | 2 | 4 | 5'- 2" | 2'- 8" | 0'- 5" | 6'- 2" | 3'- 8" | 0'- 5" | 4 | 17'-10" |
| S | 4 | 17'- 6" | 4 | 15'- 2" | 1'- 7 1/4" | 2'- 3 1/8" | 2 | 4 | 5'- 1" | 2'- 9 1/4" | 0'- 4 5/8" | 6'- 1" | 3'- 9 1/4" | 0'- 4 5/8" | 4 | 18'- 9" |
| T | 4 | 18'- 6" | 4 | 16'- 6" | 1'- 4 1/8" | 2'- 1 1/8" | 2 | 4 | 5'-10" | 2'- 8 3/8" | 0'- 5 3/8" | 6'-10" | 3'- 8 3/8" | 0'- 5 3/8" | 4 | 20'- 3" |
| U | 4 | 18'- 6" | 4 | 16'- 7" | 1'- 3" | 1'-11" | 2 | 4 | 5'- 7" | 2'- 8 1/2" | 0'- 5 3/4" | 6'- 7" | 3'- 8 1/2" | 0'- 5 3/4" | 4 | 20'- 6" |
| V | 4 | 19'- 6" | 4 | 17'- 7" | 1'- 3" | 2'- 1/2" | 2 | 5 | 6'- 1/4" | 2'- 8 3/8" | 0'- 5 5/8" | 7'- 2" | 3'-10 5/8" | 0'- 5 5/8" | 4 | 21'- 7" |
| W | 4 | 20'- 6" | 4 | 18'- 8" | 1'- 2 3/4" | 1'-11 1/4" | 2 | 5 | 6'- 8 1/4" | 2'- 8 1/4" | 0'- 6" | 7'-10" | 3'-10" | 0'- 6" | 4 | 22'-11" |
| X | 4 | 20'- 6" | 4 | 18'-11" | 1'- 1/2" | 1'- 7 1/2" | 2 | 5 | 7'- 4 1/4" | 2'- 9 1/4" | 0'- 6 1/4" | 8'- 6" | 3'-11" | 0'- 6 1/4" | 4 | 23'- 7" |
| Y | 4 | 21'- 6" | 4 | 19'-10" | 1'- 1/2" | 1'- 8 1/2" | 2 | 5 | 7'- 3 1/4" | 2'-10 1/4" | 0'- 6 5/8" | 8'- 5" | 4'- 0" | 0'- 6 5/8" | 4 | 24'- 6" |
| Z | 4 | 22'- 6" | 4 | 20'-10" | 1'- 1/8" | 1'- 9 5/8" | 2 | 5 | 6'-11 1/4" | 2'- 7 1/4" | 0'- 6 1/2" | 8'- 1" | 3'- 9" | 0'- 6 1/2" | 4 | 25'- 7" |
| AA | 4 | 23'- 6" | 4 | 21'- 9" | 1'- 1 1/2" | 1'-10 1/2" | 2 | 5 | 7'- 3 1/4" | 2'- 7" | 0'- 6 1/4" | 8'- 5" | 3'- 8 3/4" | 0'- 6 1/4" | 4 | 26'- 6" |
| BB | 4 | 23'- 6" | 4 | 21'-10" | 1'- 1" | 1'- 8 3/4" | 2 | 5 | 7'- 1 1/4" | 2'- 9 1/4" | 0'- 6 1/2" | 8'- 3" | 3'-11" | 0'- 6 1/2" | 4 | 26'- 9" |
| CC | 4 | 24'- 6" | 4 | 22'- 9" | 1'- 1 1/2" | 1'- 9 5/8" | 2 | 5 | 6'-10 1/4" | 2'- 8 1/4" | 0'- 6 1/4" | 8'- 0" | 3'-10" | 0'- 6 1/4" | 4 | 27'- 7" |
| DD | 4 | 25'- 6" | 4 | 23'- 9" | 1'- 1 1/2" | 1'-10 5/8" | 2 | 5 | 7'- 5 1/4" | 2'- 9" | 0'- 6 1/4" | 8'- 7" | 3'-10 3/4" | 0'- 6 1/4" | 4 | 28'- 9" |
| EE | 4 | 25'- 6" | 4 | 23'-11" | 1'- 3/8" | 1'- 9 1/8" | 2 | 5 | 7'- 2 1/4" | 2'- 9 1/4" | 0'- 6 5/8" | 8'- 4" | 3'-11" | 0'- 6 5/8" | 4 | 29'- 2" |

SPECIFICATION REFERENCE

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



ROAD AND BRIDGE STANDARDS

REVISION DATE SHEET 4 OF 7

1006.04