

| WING | SIZE | WH2 | | | | | SIZE | WV1 | | | | | SIZE | WV2 | | | | |
|------|------|---------|-------------------------------------|-------------------------------------|------|------|--------------------------------------|--------------------------------------|-------------------------------------|----------|--------------------------------------|-------------------------------------|------|---------|--------------------------------------|-------------------------------------|---------|--|
| | | LENGTH | | | * Ea | SIZE | | a | | | LENGTH | | | LENGTH | | | | |
| | | From | To | Vary By | | | | From | To | Vary By | From | To | | Vary By | From | To | Vary By | |
| A | 4 | 6'- 0" | 2'- 7 ⁷ / ₈ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 5'- 1 ¹ / ₄ " | 2'- 9 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 7'- 0" | 4'- 9" | 0'- 4 ¹ / ₂ " | 4 | 5'- 0" | 2'- 7 ⁷ / ₈ " | 0'- 5 ⁵ / ₈ " | | |
| B | 4 | 5'- 9" | 2'- 6 ¹ / ₂ " | 3'- 2 ¹ / ₂ " | 2 | 4 | 5'- 6 ¹ / ₄ " | 2'- 9" | 0'- 4 ³ / ₄ " | 7'- 6" | 4'- 8 ³ / ₄ " | 0'- 4 ³ / ₄ " | 4 | 5'- 6" | 2'- 6 ³ / ₄ " | 0'- 5 ⁷ / ₈ " | | |
| C | 4 | 6'- 0" | 2'- 7 ³ / ₄ " | 3'- 4 ¹ / ₄ " | 2 | 4 | 6'- 1 ¹ / ₄ " | 3'- 1 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 8'- 0" | 5'- 0" | 0'- 4 ¹ / ₂ " | 4 | 6'- 0" | 3'- 2 ¹ / ₄ " | 0'- 5 ⁵ / ₈ " | | |
| D | 4 | 9'- 1" | 2'- 6 ¹ / ₂ " | 3'- 3 ¹ / ₄ " | 2 | 4 | 6'- 6 ¹ / ₄ " | 3'- 5 ⁵ / ₈ " | 0'- 4 ⁵ / ₈ " | 8'- 6" | 5'- 3 ³ / ₈ " | 0'- 4 ⁵ / ₈ " | 4 | 6'- 6" | 3'- 1 ³ / ₄ " | 0'- 5 ⁷ / ₈ " | | |
| E | 4 | 9'- 4" | 2'- 7 ³ / ₄ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 7'- 1 ¹ / ₄ " | 3'- 3 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 9'- 0" | 5'- 3" | 0'- 4 ¹ / ₂ " | 4 | 7'- 0" | 3'- 3" | 0'- 5 ⁵ / ₈ " | | |
| F | 4 | 9'- 1" | 2'- 6 ³ / ₄ " | 3'- 3 ¹ / ₈ " | 2 | 4 | 7'- 6 ¹ / ₄ " | 3'- 3 ³ / ₈ " | 0'- 4 ⁵ / ₈ " | 9'- 6" | 5'- 3 ¹ / ₈ " | 0'- 4 ⁵ / ₈ " | 4 | 7'- 6" | 3'- 2 ¹ / ₄ " | 0'- 5 ⁷ / ₈ " | | |
| G | 4 | 9'- 4" | 2'- 7 ¹ / ₂ " | 3'- 4 ¹ / ₄ " | 2 | 4 | 8'- 1 ¹ / ₄ " | 3'- 6 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 10'- 0" | 5'- 6" | 0'- 4 ¹ / ₂ " | 4 | 8'- 0" | 3'- 3 ³ / ₄ " | 0'- 5 ⁵ / ₈ " | | |
| H | 4 | 12'- 5" | 2'- 6 ¹ / ₈ " | 3'- 3 ³ / ₈ " | 2 | 4 | 8'- 6 ¹ / ₄ " | 3'- 6 ¹ / ₈ " | 0'- 4 ⁵ / ₈ " | 10'- 6" | 5'- 5 ⁵ / ₈ " | 0'- 4 ⁵ / ₈ " | 4 | 8'- 6" | 3'- 8 ¹ / ₂ " | 0'- 5 ⁷ / ₈ " | | |
| I | 4 | 12'- 8" | 2'- 7 ⁵ / ₈ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 9'- 1 ¹ / ₄ " | 3'- 9 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 11'- 0" | 5'- 9" | 0'- 4 ¹ / ₂ " | 4 | 9'- 0" | 3'- 10 ¹ / ₈ " | 0'- 5 ⁵ / ₈ " | | |
| J | 4 | 12'- 5" | 2'- 6 ³ / ₈ " | 3'- 3 ³ / ₈ " | 2 | 4 | 9'- 6 ¹ / ₄ " | 3'- 8 ⁷ / ₈ " | 0'- 4 ⁵ / ₈ " | 11'- 6" | 5'- 8 ⁵ / ₈ " | 0'- 4 ⁵ / ₈ " | 4 | 9'- 6" | 3'- 9" | 0'- 5 ⁷ / ₈ " | | |
| K | 4 | 16'- 0" | 2'- 7 ¹ / ₂ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 10'- 1 ¹ / ₄ " | 4'- 1 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 12'- 0" | 6'- 0" | 0'- 4 ¹ / ₂ " | 4 | 10'- 0" | 3'- 10 ³ / ₈ " | 0'- 5 ⁵ / ₈ " | | |
| L | 4 | 15'- 9" | 2'- 7" | 3'- 3 ¹ / ₂ " | 2 | 4 | 8'- 4 ¹ / ₄ " | 3'- 10 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 10'- 4" | 5'- 10" | 0'- 4 ¹ / ₂ " | 4 | 10'- 6" | 3'- 9 ¹ / ₂ " | 0'- 5 ⁷ / ₈ " | | |
| M | 4 | 16'- 0" | 2'- 7 ¹ / ₂ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 8'- 11 ¹ / ₄ " | 4'- 3 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 10'- 11" | 6'- 1 ¹ / ₂ " | 0'- 4 ¹ / ₂ " | 4 | 11'- 0" | 4'- 5 ¹ / ₄ " | 0'- 5 ⁵ / ₈ " | | |
| N | 4 | 16'- 0" | 2'- 7 ¹ / ₂ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 8'- 5 ¹ / ₄ " | 4'- 8 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 10'- 5" | 6'- 8" | 0'- 4 ¹ / ₂ " | 4 | 11'- 6" | 4'- 11 ¹ / ₄ " | 0'- 5 ⁵ / ₈ " | | |
| O | 4 | 19'- 1" | 2'- 6 ³ / ₈ " | 3'- 3 ³ / ₈ " | 2 | 4 | 8'- 10 ¹ / ₄ " | 4'- 8 ³ / ₄ " | 0'- 4 ¹ / ₂ " | 10'- 10" | 6'- 8 ¹ / ₂ " | 0'- 4 ¹ / ₂ " | 4 | 12'- 0" | 4'- 9 ³ / ₄ " | 0'- 5 ⁷ / ₈ " | | |
| P | 4 | 19'- 4" | 2'- 7 ³ / ₈ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 7'- 10 ¹ / ₄ " | 4'- 10 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 9'- 10" | 6'- 10" | 0'- 4 ¹ / ₂ " | 4 | 12'- 6" | 5'- 0" | 0'- 5 ⁵ / ₈ " | | |
| Q | 4 | 19'- 1" | 2'- 6 ³ / ₈ " | 3'- 3 ⁵ / ₈ " | 2 | 4 | 8'- 3 ¹ / ₄ " | 4'- 9 ⁵ / ₈ " | 0'- 4 ⁵ / ₈ " | 10'- 3" | 6'- 9 ³ / ₈ " | 0'- 4 ⁵ / ₈ " | 4 | 13'- 0" | 4'- 10 ¹ / ₄ " | 0'- 5 ⁷ / ₈ " | | |
| R | 4 | 19'- 4" | 2'- 7 ³ / ₈ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 8'- 10 ¹ / ₄ " | 5'- 1 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 10'- 10" | 7'- 1" | 0'- 4 ¹ / ₂ " | 4 | 13'- 6" | 5'- 3 ¹ / ₄ " | 0'- 5 ⁵ / ₈ " | | |
| S | 4 | 22'- 5" | 2'- 7 ¹ / ₄ " | 3'- 3 ⁵ / ₈ " | 2 | 4 | 9'- 3 ¹ / ₄ " | 5'- 3 ⁵ / ₈ " | 0'- 4 ⁵ / ₈ " | 11'- 3" | 7'- 1 ¹ / ₈ " | 0'- 4 ⁵ / ₈ " | 4 | 14'- 0" | 5'- 4 ¹ / ₂ " | 0'- 5 ⁷ / ₈ " | | |
| T | 4 | 22'- 8" | 2'- 7 ¹ / ₄ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 9'- 9 ¹ / ₄ " | 5'- 3 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 11'- 9" | 7'- 3" | 0'- 4 ¹ / ₂ " | 4 | 14'- 6" | 5'- 7 ¹ / ₈ " | 0'- 5 ⁵ / ₈ " | | |
| U | 4 | 22'- 5" | 2'- 7 ¹ / ₄ " | 3'- 3 ⁵ / ₈ " | 2 | 4 | 9'- 10 ¹ / ₄ " | 5'- 4 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 11'- 10" | 7'- 4" | 0'- 4 ¹ / ₂ " | 4 | 15'- 0" | 5'- 5" | 0'- 5 ⁷ / ₈ " | | |
| V | 4 | 26'- 0" | 2'- 7 ¹ / ₈ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 9'- 4 ¹ / ₄ " | 5'- 7 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 11'- 4" | 7'- 7" | 0'- 4 ¹ / ₂ " | 4 | 15'- 6" | 5'- 7 ¹ / ₈ " | 0'- 5 ⁵ / ₈ " | | |
| W | 4 | 25'- 9" | 2'- 6 ³ / ₄ " | 3'- 3 ³ / ₄ " | 2 | 4 | 9'- 9 ¹ / ₄ " | 5'- 6 ³ / ₈ " | 0'- 4 ⁵ / ₈ " | 11'- 9" | 7'- 6 ¹ / ₈ " | 0'- 4 ⁵ / ₈ " | 4 | 16'- 0" | 5'- 5 ¹ / ₂ " | 0'- 5 ⁷ / ₈ " | | |
| X | 4 | 26'- 0" | 2'- 7 ¹ / ₈ " | 3'- 4 ¹ / ₈ " | 2 | 4 | 10'- 2 ¹ / ₄ " | 6'- 3 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 12'- 2" | 8'- 1 ¹ / ₂ " | 0'- 4 ¹ / ₂ " | 4 | 16'- 9" | 6'- 5 ¹ / ₄ " | 0'- 5 ⁵ / ₈ " | | |
| Y | 4 | 29'- 1" | 2'- 7" | 3'- 3 ³ / ₄ " | 2 | 4 | 10'- 1 ¹ / ₄ " | 6'- 4 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 12'- 1" | 8'- 4" | 0'- 4 ¹ / ₂ " | 4 | 17'- 6" | 6'- 8 ⁵ / ₈ " | 0'- 5 ⁵ / ₈ " | | |
| Z | 4 | 29'- 4" | 2'- 7" | 3'- 4 ¹ / ₈ " | 2 | 4 | 10'- 4 ¹ / ₄ " | 6'- 7 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 12'- 4" | 8'- 7" | 0'- 4 ¹ / ₂ " | 4 | 18'- 0" | 6'- 9" | 0'- 5 ⁵ / ₈ " | | |
| AA | 4 | 29'- 1" | 2'- 7" | 3'- 3 ³ / ₄ " | 2 | 5 | 10'- 8 ³ / ₄ " | 6'- 7 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 12'- 9" | 8'- 7 ¹ / ₂ " | 0'- 4 ¹ / ₂ " | 4 | 18'- 6" | 6'- 9 ³ / ₈ " | 0'- 5 ⁵ / ₈ " | | |
| BB | 4 | 29'- 4" | 2'- 7" | 3'- 4 ¹ / ₈ " | 2 | 5 | 11'- 3 ³ / ₄ " | 6'- 9 ³ / ₄ " | 0'- 4 ¹ / ₂ " | 13'- 4" | 8'- 10" | 0'- 4 ¹ / ₂ " | 4 | 19'- 0" | 6'- 9 ³ / ₄ " | 0'- 5 ⁵ / ₈ " | | |
| CC | 4 | 32'- 5" | 2'- 7 ¹ / ₄ " | 3'- 3 ³ / ₄ " | 2 | 5 | 11'- 8 ³ / ₄ " | 6'- 10 ¹ / ₄ " | 0'- 4 ¹ / ₂ " | 13'- 9" | 8'- 10 ¹ / ₂ " | 0'- 4 ¹ / ₂ " | 4 | 19'- 6" | 7'- 3 ³ / ₄ " | 0'- 5 ⁵ / ₈ " | | |
| DD | 4 | 32'- 8" | 2'- 8" | 3'- 4" | 2 | 5 | 12'- 3 ¹ / ₄ " | 7'- 6 ³ / ₄ " | 0'- 4 ¹ / ₂ " | 14'- 1" | 9'- 7" | 0'- 4 ¹ / ₂ " | 4 | 20'- 6" | 7'- 10 ¹ / ₈ " | 0'- 5 ⁵ / ₈ " | | |
| EE | 4 | 32'- 5" | 2'- 7 ¹ / ₄ " | 3'- 3 ³ / ₄ " | 2 | 5 | 12'- 1 ³ / ₄ " | 7'- 6 ¹ / ₄ " | 0'- 4 ⁵ / ₈ " | 14'- 2" | 9'- 6 ¹ / ₂ " | 0'- 4 ⁵ / ₈ " | 4 | 21'- 0" | 7'- 10 ¹ / ₂ " | 0'- 5 ⁵ / ₈ " | | |

SPECIFICATION REFERENCE

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



ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 6 OF 7

1006.20