

5  
122  
"B"

HALF OF ROADWAY WIDTH "W"

| DISTANCE FROM CENTER LINE "X" | 10  | 10.5 | 11  | 11.5 | 12  | 12.5 | 13  | 13.5 | 14  | 14.5 | 15 | 15.5 | 16 | 16.5 | 17 | 17.5 | 18 | 18.5 | 19 | 19.5 | 20 |
|-------------------------------|-----|------|-----|------|-----|------|-----|------|-----|------|----|------|----|------|----|------|----|------|----|------|----|
|                               | 1   | 01   | 01  | 01   | 01  |      |     |      |     |      |    |      |    |      |    |      |    |      |    |      |    |
|                               | 1.5 | 02   | 02  | 02   | 02  | 01   | 01  | 01   | 01  | 01   | 01 | 01   |    |      |    |      |    |      |    |      |    |
|                               | 2   | 04   | 04  | 03   | 03  | 03   | 02  | 02   | 02  | 02   | 02 | 02   | 01 | 01   | 01 | 01   | 01 | 01   | 01 | 01   | 01 |
|                               | 2.5 | 06   | 06  | 05   | 05  | 04   | 04  | 04   | 03  | 03   | 03 | 03   | 03 | 02   | 02 | 02   | 02 | 02   | 02 | 02   | 02 |
|                               | 3   | 09   | 08  | 07   | 07  | 06   | 06  | 05   | 05  | 05   | 04 | 04   | 04 | 03   | 03 | 03   | 03 | 03   | 03 | 02   | 02 |
|                               | 3.5 | 12   | 11  | 10   | 09  | 08   | 07  | 07   | 07  | 06   | 06 | 05   | 05 | 05   | 04 | 04   | 04 | 04   | 04 | 03   | 03 |
|                               | 4   | 16   | 14  | 13   | 12  | 11   | 10  | 09   | 09  | 08   | 08 | 07   | 07 | 06   | 06 | 06   | 05 | 05   | 05 | 04   | 04 |
|                               | 4.5 | 20   | 18  | 17   | 15  | 14   | 12  | 12   | 11  | 10   | 10 | 09   | 08 | 08   | 07 | 07   | 07 | 06   | 06 | 06   | 05 |
|                               | 5   | 25   | 23  | 20   | 19  | 17   | 16  | 15   | 14  | 13   | 12 | 11   | 10 | 10   | 09 | 09   | 08 | 08   | 07 | 07   | 06 |
|                               | 5.5 | 30   | 27  | 25   | 23  | 21   | 19  | 18   | 17  | 15   | 14 | 13   | 13 | 12   | 11 | 11   | 10 | 09   | 09 | 08   | 08 |
|                               | 6   | 36   | 33  | 30   | 27  | 25   | 23  | 21   | 20  | 18   | 17 | 16   | 15 | 14   | 13 | 13   | 12 | 11   | 10 | 10   | 09 |
|                               | 6.5 | 42   | 38  | 35   | 32  | 29   | 26  | 25   | 23  | 21   | 20 | 19   | 18 | 16   | 15 | 15   | 14 | 13   | 12 | 12   | 11 |
|                               | 7   | 49   | 45  | 40   | 37  | 34   | 30  | 29   | 27  | 25   | 23 | 22   | 20 | 19   | 18 | 17   | 16 | 15   | 14 | 14   | 13 |
|                               | 7.5 | 56   | 51  | 46   | 43  | 39   | 36  | 33   | 31  | 29   | 27 | 25   | 23 | 22   | 21 | 19   | 18 | 17   | 16 | 16   | 15 |
|                               | 8   | 64   | 58  | 53   | 48  | 44   | 41  | 38   | 35  | 33   | 30 | 28   | 27 | 25   | 24 | 22   | 21 | 20   | 19 | 18   | 17 |
|                               | 8.5 | 72   | 65  | 59   | 55  | 50   | 46  | 43   | 40  | 37   | 34 | 32   | 30 | 28   | 26 | 25   | 24 | 22   | 21 | 20   | 19 |
|                               | 9   | 81   | 74  | 67   | 61  | 56   | 52  | 48   | 44  | 41   | 39 | 36   | 34 | 32   | 30 | 28   | 26 | 25   | 23 | 22   | 21 |
|                               | 9.5 | 90   | 82  | 75   | 68  | 63   | 57  | 53   | 49  | 46   | 43 | 40   | 38 | 35   | 33 | 31   | 29 | 28   | 26 | 25   | 24 |
|                               | 10  | 100  | 91  | 83   | 76  | 69   | 64  | 59   | 55  | 51   | 48 | 44   | 42 | 39   | 37 | 34   | 33 | 31   | 29 | 28   | 26 |
| 10.5                          | 100 | 91   | 83  | 76   | 70  | 65   | 60  | 56   | 52  | 49   | 46 | 43   | 40 | 38   | 36 | 34   | 32 | 30   | 29 | 28   | 27 |
| 11                            |     | 100  | 92  | 84   | 77  | 72   | 66  | 62   | 58  | 54   | 50 | 47   | 44 | 42   | 40 | 37   | 35 | 33   | 31 | 30   | 29 |
| 11.5                          |     |      | 100 | 92   | 84  | 78   | 72  | 67   | 63  | 59   | 55 | 51   | 48 | 46   | 43 | 41   | 38 | 37   | 35 | 33   | 32 |
| 12                            |     |      |     | 100  | 92  | 85   | 79  | 73   | 68  | 64   | 60 | 56   | 53 | 50   | 47 | 44   | 42 | 40   | 38 | 36   | 35 |
| 12.5                          |     |      |     |      | 100 | 92   | 86  | 79   | 74  | 69   | 65 | 61   | 57 | 54   | 51 | 48   | 45 | 43   | 40 | 39   | 38 |
| 13                            |     |      |     |      |     | 100  | 93  | 86   | 80  | 75   | 70 | 66   | 62 | 58   | 55 | 52   | 49 | 47   | 44 | 42   | 41 |
| 13.5                          |     |      |     |      |     |      | 100 | 93   | 87  | 81   | 76 | 71   | 67 | 63   | 59 | 56   | 53 | 50   | 48 | 45   | 44 |
| 14                            |     |      |     |      |     |      |     | 100  | 93  | 87   | 82 | 76   | 72 | 68   | 64 | 60   | 57 | 54   | 51 | 49   | 48 |
| 14.5                          |     |      |     |      |     |      |     |      | 100 | 93   | 87 | 82   | 77 | 73   | 69 | 65   | 61 | 58   | 55 | 53   | 52 |
| 15                            |     |      |     |      |     |      |     |      |     | 100  | 94 | 88   | 83 | 78   | 73 | 69   | 65 | 62   | 59 | 56   | 55 |

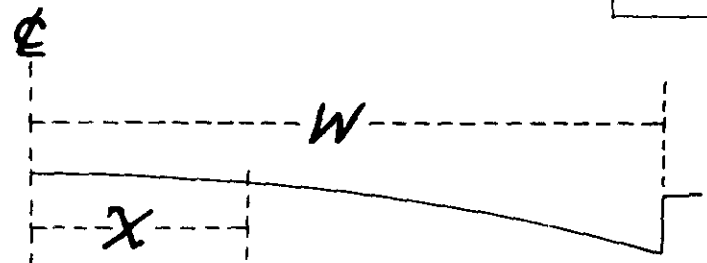


TABLE GIVES VALUES OF  $\left(\frac{x}{W}\right)^2$

Fall = diff. in elev. Crown To Gutter  
 $d =$  " " " " " point  $x$   
then  $\left(\frac{x}{W}\right)^2 \times \text{Fall} = d$

991  
"B" 5