



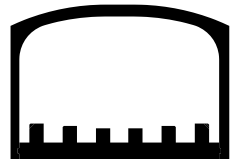
CONSPAN
BRIDGE SYSTEMS

| RISE | | WATERWAY AREA (FT ²) | | | | | | | | | | WEIGHT (TONS/FT) | | | | | | | | | | | | | | | | | | | | |
|------|-----|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | SPAN (FEET) | | | | | | | | | | SPAN (FEET) | | | | | | | | | | | | | | | | | | | | |
| 3 | 30 | - | - | - | - | - | - | - | - | - | - | 1.24 | 1.34 | 1.44 | 1.54 | 1.64 | 1.74 | 1.84 | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | | |
| 4 | 42 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 1.04 | 1.14 | 1.24 | 1.34 | 1.44 | 1.54 | 1.64 | 1.74 | 1.84 | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 |
| 5 | 54 | 64 | 71 | 78 | 85 | 92 | 99 | 106 | 113 | 120 | 127 | 1.14 | 1.24 | 1.34 | 1.44 | 1.54 | 1.64 | 1.74 | 1.84 | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | |
| 6 | 66 | 78 | 87 | 96 | 105 | 114 | 123 | 132 | 141 | 150 | 159 | 1.24 | 1.34 | 1.44 | 1.54 | 1.64 | 1.74 | 1.84 | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | | |
| 7 | 78 | 92 | 103 | 115 | 127 | 139 | 151 | 163 | 175 | 187 | 199 | 1.34 | 1.44 | 1.54 | 1.64 | 1.74 | 1.84 | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | | | |
| 8 | 90 | 106 | 119 | 132 | 145 | 158 | 171 | 184 | 197 | 210 | 223 | 1.44 | 1.54 | 1.64 | 1.74 | 1.84 | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | | | | |
| 9 | 102 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | 225 | 240 | 255 | 1.54 | 1.64 | 1.74 | 1.84 | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | | | | | |
| 10 | 114 | 134 | 151 | 169 | 187 | 205 | 223 | 241 | 259 | 277 | 295 | 1.64 | 1.74 | 1.84 | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | | | | | | |
| 11 | - | - | - | - | - | - | - | - | - | - | - | 1.74 | 1.84 | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | | | | | | | |
| 12 | - | - | - | - | - | - | - | - | - | - | - | 1.84 | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | | | | | | | | |
| 13 | - | - | - | - | - | - | - | - | - | - | - | 1.94 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | | | | | | | | | |
| 14 | - | - | - | - | - | - | - | - | - | - | - | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 | 2.54 | 2.64 | 2.74 | 2.84 | 2.94 | 3.04 | | | | | | | | | | |

ARCH LAY LENGTHS (Nominal)

12'-24' SPAN 8' LAY LENGTH
 28'-42' SPAN 6' LAY LENGTH
 48'-60' SPAN 4' LAY LENGTH

*1/4" Joints between Precast Concrete Units



I-SERIES

| MODEL | Span (ft) | Effective Rise (ft) | Waterway Area (sf) | 1' Cover | | 10' Cover | |
|----------|-----------|---------------------|--------------------|--------------------------------|--------------------------------|-----------|--|
| | | | | Total Precast Weight (Tons/ft) | Total Precast Weight (Tons/ft) | | |
| i1203 | 12.00 | 3.00 | 30.00 | 1.65 | 1.65 | | |
| i1204 | 12.00 | 4.00 | 42.00 | 1.75 | 1.75 | | |
| i1205 | 12.00 | 5.00 | 54.00 | 1.85 | 1.85 | | |
| i1206 | 12.00 | 6.00 | 66.00 | 1.95 | 1.95 | | |
| i1207 | 12.00 | 7.00 | 78.00 | 2.05 | 2.07 | | |
| i1208 | 12.00 | 8.00 | 90.00 | 2.15 | 2.17 | | |
| i1209 | 12.00 | 9.00 | 102.00 | 2.25 | 2.27 | | |
| i1209.83 | 12.00 | 9.83 | 111.96 | | 2.35 | | |
| i1210 | 12.00 | 10.00 | 114.00 | 2.35 | | | |
| i1403 | 14.00 | 3.00 | 36.00 | 1.83 | 1.83 | | |
| i1404 | 14.00 | 4.00 | 50.00 | 1.93 | 1.93 | | |
| i1405 | 14.00 | 5.00 | 64.00 | 2.03 | 2.05 | | |
| i1406 | 14.00 | 6.00 | 78.00 | 2.13 | 2.15 | | |
| i1407 | 14.00 | 7.00 | 92.00 | 2.23 | 2.25 | | |
| i1408 | 14.00 | 8.00 | 106.00 | 2.33 | 2.35 | | |
| i1409 | 14.00 | 9.00 | 120.00 | 2.43 | 2.46 | | |
| i1409.67 | 14.00 | 9.67 | 129.38 | | 2.53 | | |
| i1410 | 14.00 | 10.00 | 134.00 | 2.53 | | | |
| i1603 | 16.00 | 3.00 | 39.00 | 2.37 | 2.37 | | |
| i1604 | 16.00 | 4.00 | 55.00 | 2.50 | 2.50 | | |
| i1605 | 16.00 | 5.00 | 71.00 | 2.62 | 2.64 | | |
| i1606 | 16.00 | 6.00 | 87.00 | 2.75 | 2.77 | | |
| i1607 | 16.00 | 7.00 | 103.00 | 2.87 | 2.91 | | |
| i1608 | 16.00 | 8.00 | 119.00 | 3.00 | 3.04 | | |
| i1609 | 16.00 | 9.00 | 135.00 | 3.12 | 3.19 | | |
| i1609.50 | 16.00 | 9.50 | 143.00 | | 3.25 | | |
| i1610 | 16.00 | 10.00 | 151.00 | 3.25 | | | |

| MODEL | Span (ft) | Effective Rise (ft) | Waterway Area (sf) | 1' Cover | | 10' Cover | |
|----------|-----------|---------------------|--------------------|--------------------------------|--------------------------------|-----------|--|
| | | | | Total Precast Weight (Tons/ft) | Total Precast Weight (Tons/ft) | | |
| i1803 | 18.00 | 3.00 | 42.00 | 2.60 | 2.60 | | |
| i1804 | 18.00 | 4.00 | 60.00 | 2.72 | 2.72 | | |
| i1805 | 18.00 | 5.00 | 78.00 | 2.85 | 2.87 | | |
| i1806 | 18.00 | 6.00 | 96.00 | 2.97 | 2.99 | | |
| i1807 | 18.00 | 7.00 | 114.00 | 3.10 | 3.14 | | |
| i1808 | 18.00 | 8.00 | 132.00 | 3.22 | 3.27 | | |
| i1809 | 18.00 | 9.00 | 150.00 | 3.35 | 3.41 | | |
| i1809.50 | 18.00 | 9.50 | 159.00 | | 3.47 | | |
| i1810 | 18.00 | 10.00 | 168.00 | 3.47 | | | |
| i2004 | 20.00 | 4.00 | 65.00 | 2.83 | 3.30 | | |
| i2005 | 20.00 | 5.00 | 85.00 | 2.94 | 3.44 | | |
| i2006 | 20.00 | 6.00 | 105.00 | 3.07 | 3.57 | | |
| i2007 | 20.00 | 7.00 | 125.00 | 3.20 | 3.71 | | |
| i2008 | 20.00 | 8.00 | 145.00 | 3.33 | 3.84 | | |
| i2009 | 20.00 | 9.00 | 165.00 | 3.45 | 3.99 | | |
| i2009.33 | 20.00 | 9.33 | 171.60 | | 4.03 | | |
| i2010 | 20.00 | 10.00 | 185.00 | 3.86 | | | |
| i2204 | 22.00 | 4.00 | 68.00 | 3.02 | 3.74 | | |
| i2205 | 22.00 | 5.00 | 90.00 | 3.14 | 3.89 | | |
| i2206 | 22.00 | 6.00 | 112.00 | 3.27 | 4.03 | | |
| i2207 | 22.00 | 7.00 | 134.00 | 3.39 | 4.16 | | |
| i2208 | 22.00 | 8.00 | 156.00 | 3.83 | 4.30 | | |
| i2209 | 22.00 | 9.00 | 178.00 | 3.96 | 4.45 | | |
| i2210 | 22.00 | 10.00 | 200.00 | 4.08 | | | |
| i2404 | 24.00 | 4.00 | 71.00 | 3.20 | 3.98 | | |
| i2405 | 24.00 | 5.00 | 95.00 | 3.33 | 4.13 | | |
| i2406 | 24.00 | 6.00 | 119.00 | 3.79 | 4.28 | | |
| i2407 | 24.00 | 7.00 | 143.00 | 3.92 | 4.42 | | |
| i2408 | 24.00 | 8.00 | 167.00 | 4.04 | 4.57 | | |
| i2408.83 | 24.00 | 8.83 | 186.92 | | 4.69 | | |
| i2409 | 24.00 | 9.00 | 191.00 | 4.17 | | | |
| i2410 | 24.00 | 10.00 | 215.00 | 4.29 | | | |

Precast Waterway Charts

CONTECH
ENGINEERED SOLUTIONS



| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
|-------|-------------|-------------|--------------------|------------------------|
| O113 | 13'-0" | 3'-2 7/8" | 33 | 0.86 |
| O114 | 14'-0" | 4'-1 1/4" | 45 | 0.96 |
| O115 | 15'-0" | 4'-11 5/8" | 57 | 1.06 |
| O116 | 16'-0" | 5'-10" | 71 | 1.17 |
| O117 | 17'-0" | 6'-8 3/8" | 85 | 1.28 |
| O118 | 18'-0" | 7'-6 3/4" | 100 | 1.40 |
| O119 | 19'-0" | 8'-5 1/8" | 116 | 1.52 |
| O120 | 20'-0" | 9'-3 5/8" | 133 | 1.63 |
| O121 | 21'-0" | 10'-2" | 151 | 1.76 |
| O122 | 22'-0" | 11'-0 3/8" | 170 | 1.88 |
| O123 | 23'-0" | 11'-10 3/4" | 189 | 2.01 |
| O124 | 24'-0" | 12'-9 1/8" | 209 | 2.14 |

| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
|-------|-------------|-------------|--------------------|------------------------|
| O425 | 25'-0" | 5'-0" | 95 | 1.86 |
| O426 | 26'-0" | 5'-10 3/8" | 117 | 1.99 |
| O427 | 27'-0" | 6'-8 3/4" | 140 | 2.12 |
| O428 | 28'-0" | 7'-7 1/8" | 164 | 2.26 |
| O429 | 29'-0" | 8'-5 1/2" | 189 | 2.40 |
| O430 | 30'-0" | 9'-3 7/8" | 214 | 2.54 |
| O431 | 31'-0" | 10'-2 1/4" | 241 | 2.70 |
| O432 | 32'-0" | 11'-0 3/4" | 268 | 2.85 |
| O433 | 33'-0" | 11'-11 1/8" | 296 | 3.01 |
| O434 | 34'-0" | 12'-9 1/2" | 325 | 3.18 |

| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
|-------|-------------|-------------|--------------------|------------------------|
| O843 | 43'-0" | 8'-9 3/8" | 283 | 4.10 |
| O844 | 44'-0" | 9'-7 3/4" | 321 | 4.29 |
| O845 | 45'-0" | 10'-6 1/8" | 359 | 4.50 |
| O846 | 46'-0" | 11'-4 1/2" | 399 | 4.72 |
| O847 | 47'-0" | 12'-2 7/8" | 439 | 4.94 |
| O848 | 48'-0" | 13'-1 3/8" | 480 | 5.18 |

| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
|-------|-------------|-------------|--------------------|------------------------|
| O529 | 29'-0" | 5'-7" | 128 | 2.39 |
| O530 | 30'-0" | 6'-5 3/8" | 154 | 2.56 |
| O531 | 31'-0" | 7'-3 3/4" | 180 | 2.74 |
| O532 | 32'-0" | 8'-2 1/8" | 207 | 2.92 |
| O533 | 33'-0" | 9'-0 1/2" | 235 | 3.12 |
| O534 | 34'-0" | 9'-10 7/8" | 264 | 3.32 |
| O535 | 35'-0" | 10'-9 1/4" | 294 | 3.54 |
| O536 | 36'-0" | 11'-7 3/4" | 325 | 3.76 |
| O537 | 37'-0" | 12'-6 1/8" | 357 | 4.00 |

| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
|-------|-------------|-------------|--------------------|------------------------|
| O949 | 49'-0" | 8'-7" | 320 | 4.56 |
| O950 | 50'-0" | 9'-5 3/8" | 363 | 4.77 |
| O951 | 51'-0" | 10'-3 3/4" | 406 | 5.00 |
| O952 | 52'-0" | 11'-2 1/8" | 451 | 5.23 |
| O953 | 53'-0" | 12'-0 1/2" | 496 | 5.45 |
| O954 | 54'-0" | 12'-10 7/8" | 543 | 5.72 |
| O955 | 55'-0" | 13'-9 1/4" | 590 | 5.98 |

| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
|-------|-------------|-------------|--------------------|------------------------|
| O633 | 33'-0" | 6'-4 1/8" | 163 | 3.05 |
| O634 | 34'-0" | 7'-2 1/2" | 192 | 3.22 |
| O635 | 35'-0" | 8'-1" | 222 | 3.39 |
| O636 | 36'-0" | 8'-11 3/8" | 253 | 3.58 |
| O637 | 37'-0" | 9'-9 3/4" | 285 | 3.78 |
| O638 | 38'-0" | 10'-8 1/8" | 317 | 3.99 |
| O639 | 39'-0" | 11'-6 1/2" | 350 | 4.21 |
| O640 | 40'-0" | 12'-4 7/8" | 385 | 4.43 |
| O641 | 41'-0" | 13'-3 1/4" | 420 | 4.67 |

| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
|-------|-------------|-------------|--------------------|------------------------|
| O1055 | 55'-0" | 8'-11 1/8" | 380 | 5.69 |
| O1056 | 56'-0" | 9'-9 1/2" | 428 | 5.91 |
| O1057 | 57'-0" | 10'-7 7/8" | 477 | 6.14 |
| O1058 | 58'-0" | 11'-6 3/8" | 527 | 6.38 |
| O1059 | 59'-0" | 12'-4 3/4" | 577 | 6.63 |
| O1060 | 60'-0" | 13'-3 1/8" | 629 | 6.89 |

| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
|-------|-------------|-------------|--------------------|------------------------|
| O737 | 37'-0" | 7'-2 1/4" | 204 | 3.49 |
| O738 | 38'-0" | 8'-0 5/8" | 236 | 3.68 |
| O739 | 39'-0" | 8'-11 1/8" | 270 | 3.88 |
| O740 | 40'-0" | 9'-9 1/2" | 304 | 4.09 |
| O741 | 41'-0" | 10'-7 7/8" | 339 | 4.31 |
| O742 | 42'-0" | 11'-6 1/4" | 375 | 4.54 |
| O743 | 43'-0" | 12'-4 5/8" | 412 | 4.78 |
| O744 | 44'-0" | 13'-3" | 449 | 5.03 |

| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
|-------|-------------|-------------|--------------------|------------------------|
| O1161 | 61'-0" | 10'-0 7/8" | 465 | 6.36 |
| O1162 | 62'-0" | 10'-11 1/4" | 519 | 6.60 |
| O1163 | 63'-0" | 11'-9 3/4" | 573 | 6.84 |
| O1164 | 64'-0" | 12'-8 1/8" | 628 | 7.10 |
| O1165 | 65'-0" | 13'-6 1/2" | 684 | 7.37 |

ARCH LAY LENGTHS

O-100 to O-400 8'-0" LAY LENGTH
 O-500 to O-800 5'-11 3/4" LAY LENGTH
 O-900 to O-1100 3'-11 3

Twin Leaf

| O-1200 Twin Series | | | | |
|--------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| 1266T | 66'-0" | 10'-6" | 549.66 | 7.63 |
| 1267T | 67'-0" | 11'-4 3/8" | 607.25 | 7.89 |
| 1268T | 68'-0" | 12'-2 3/4" | 665.71 | 8.16 |
| 1269T | 69'-0" | 13'-1 1/8" | 725.03 | 8.44 |
| 1270T | 70'-0" | 13'-11 5/8" | 785.22 | 8.73 |
| 1271T | 71'-0" | 14'-10" | 846.27 | 9.03 |
| 1272T | 72'-0" | 15'-8 3/8" | 908.19 | 9.35 |
| 1273T | 73'-0" | 16'-6 3/4" | 970.98 | 9.67 |
| 1274T | 74'-0" | 17'-5 1/8" | 1034.63 | 10.01 |
| 1275T | 75'-0" | 18'-3 1/2" | 1099.15 | 10.36 |

| O-1300 Twin Series | | | | |
|--------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| 1372T | 72'-0" | 11'-0" | 614.42 | 9.47 |
| 1373T | 73'-0" | 11'-10 1/2" | 677.21 | 9.73 |
| 1374T | 74'-0" | 12'-8 7/8" | 740.86 | 10.00 |
| 1375T | 75'-0" | 13'-7 1/4" | 805.38 | 10.28 |
| 1376T | 76'-0" | 14'-5 5/8" | 870.76 | 10.57 |
| 1377T | 77'-0" | 15'-4" | 937.01 | 10.87 |
| 1378T | 78'-0" | 16'-2 3/8" | 1004.13 | 11.18 |
| 1379T | 79'-0" | 17'-0 3/4" | 1072.11 | 11.50 |
| 1380T | 80'-0" | 17'-11 1/4" | 1140.96 | 11.83 |
| 1381T | 81'-0" | 18'-9 5/8" | 1210.68 | 12.17 |

| O-1400 Twin Series | | | | |
|--------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| 1478T | 78'-0" | 13'-1 3/4" | 799.45 | 11.50 |
| 1479T | 79'-0" | 14'-0 1/8" | 867.43 | 11.84 |
| 1480T | 80'-0" | 14'-10 5/8" | 936.28 | 12.18 |
| 1481T | 81'-0" | 15'-9" | 1005.99 | 12.53 |
| 1482T | 82'-0" | 16'-7 3/8" | 1076.58 | 12.87 |
| 1483T | 83'-0" | 17'-5 3/4" | 1148.02 | 13.21 |
| 1484T | 84'-0" | 18'-4 1/8" | 1220.34 | 13.55 |
| 1485T | 85'-0" | 19'-2 1/2" | 1293.52 | 13.90 |
| 1486T | 86'-0" | 20'-0 7/8" | 1367.56 | 14.24 |
| 1487T | 87'-0" | 20'-11 3/8" | 1442.47 | 14.58 |

Multi-Cell*

| O-100 Multi-Cell | | | | |
|------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO1-12.5 | 26.67 | 3.24 | 66 | 1.82 |
| BO1-13 | 27.67 | 4.10 | 88 | 2.01 |
| BO1-13.5 | 28.67 | 4.97 | 111 | 2.20 |
| BO1-14 | 29.67 | 5.83 | 135 | 2.39 |
| BO1-14.5 | 30.67 | 6.70 | 159 | 2.59 |
| BO1-15 | 31.67 | 7.56 | 185 | 2.79 |
| BO1-15.5 | 32.67 | 8.43 | 211 | 3.00 |
| BO1-16 | 33.67 | 9.30 | 239 | 3.20 |
| BO1-16.5 | 34.67 | 10.17 | 267 | 3.41 |
| BO1-17 | 35.67 | 11.03 | 296 | 3.62 |
| BO1-17.5 | 36.67 | 11.90 | 326 | 3.83 |
| BO1-18 | 37.67 | 12.76 | 357 | 4.05 |

| O-400 Multi-Cell | | | | |
|------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO4-24.5 | 51.00 | 5.00 | 190 | 3.93 |
| BO4-25 | 52.00 | 5.86 | 233 | 4.16 |
| BO4-25.5 | 53.00 | 6.73 | 277 | 4.40 |
| BO4-26 | 54.00 | 7.59 | 321 | 4.64 |
| BO4-26.5 | 55.00 | 8.46 | 367 | 4.89 |
| BO4-27 | 56.00 | 9.32 | 413 | 5.15 |
| BO4-27.5 | 57.00 | 10.19 | 460 | 5.41 |
| BO4-28 | 58.00 | 11.06 | 508 | 5.67 |
| BO4-28.5 | 59.00 | 11.93 | 557 | 5.94 |
| BO4-29 | 60.00 | 12.79 | 607 | 6.22 |

| O-800 Multi-Cell | | | | |
|------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO8-42.5 | 87.66 | 8.78 | 566 | 8.74 |
| BO8-43 | 88.67 | 9.65 | 640 | 9.08 |
| BO8-43.5 | 89.67 | 10.51 | 715 | 9.44 |
| BO8-44 | 90.67 | 11.38 | 791 | 9.81 |
| BO8-44.5 | 91.67 | 12.24 | 867 | 10.19 |
| BO8-45 | 92.67 | 13.11 | 945 | 10.57 |

| O-200 Multi-Cell | | | | |
|------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO2-14.5 | 30.67 | 3.23 | 79 | 2.02 |
| BO2-15 | 31.67 | 4.09 | 104 | 2.21 |
| BO2-15.5 | 32.67 | 4.97 | 131 | 2.40 |
| BO2-16 | 33.67 | 5.83 | 158 | 2.59 |
| BO2-16.5 | 34.67 | 6.70 | 186 | 2.79 |
| BO2-17 | 35.67 | 7.56 | 215 | 2.99 |
| BO2-17.5 | 36.67 | 8.43 | 245 | 3.20 |
| BO2-18 | 37.67 | 9.29 | 276 | 3.40 |
| BO2-18.5 | 38.67 | 10.16 | 307 | 3.61 |
| BO2-19 | 39.67 | 11.03 | 340 | 3.82 |
| BO2-19.5 | 40.67 | 11.90 | 373 | 4.03 |
| BO2-20 | 41.67 | 12.76 | 407 | 4.25 |

| O-500 Multi-Cell | | | | |
|------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO5-28.5 | 59.32 | 5.58 | 255 | 5.17 |
| BO5-29 | 60.33 | 6.45 | 305 | 5.47 |
| BO5-29.5 | 61.33 | 7.31 | 356 | 5.77 |
| BO5-30 | 62.33 | 8.18 | 407 | 6.09 |
| BO5-30.5 | 63.33 | 9.04 | 460 | 6.42 |
| BO5-31 | 64.33 | 9.91 | 513 | 6.75 |
| BO5-31.5 | 65.33 | 10.77 | 567 | 7.10 |
| BO5-32 | 66.33 | 11.65 | 622 | 7.45 |
| BO5-32.5 | 67.33 | 12.51 | 678 | 7.81 |

| O-900 Multi-Cell | | | | |
|------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO9-48.5 | 99.96 | 8.58 | 639 | 9.56 |
| BO9-49 | 101.00 | 9.45 | 723 | 9.94 |
| BO9-49.5 | 102.00 | 10.31 | 808 | 10.34 |
| BO9-50 | 103.00 | 11.18 | 895 | 10.74 |
| BO9-50.5 | 104.00 | 12.04 | 981 | 11.15 |
| BO9-51 | 105.00 | 12.91 | 1069 | 11.58 |
| BO9-51.5 | 106.00 | 13.77 | 1158 | 12.01 |

| O-300 Multi-Cell | | | | |
|------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO3-20.5 | 43.00 | 4.20 | 138 | 3.34 |
| BO3-21 | 44.00 | 5.06 | 174 | 3.58 |
| BO3-21.5 | 45.00 | 5.93 | 211 | 3.82 |
| BO3-22 | 46.00 | 6.80 | 249 | 4.06 |
| BO3-22.5 | 47.00 | 7.67 | 287 | 4.31 |
| BO3-23 | 48.00 | 8.53 | 327 | 4.56 |
| BO3-23.5 | 49.00 | 9.40 | 367 | 4.82 |
| BO3-24 | 50.00 | 10.26 | 408 | 5.08 |
| BO3-24.5 | 51.00 | 11.13 | 450 | 5.35 |
| BO3-25 | 52.00 | 11.99 | 493 | 5.63 |
| BO3-25.5 | 53.00 | 12.86 | 537 | 5.91 |

| O-600 Multi-Cell | | | | |
|------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO6-32.5 | 67.32 | 6.34 | 326 | 6.51 |
| BO6-33 | 68.33 | 7.21 | 382 | 6.81 |
| BO6-33.5 | 69.33 | 8.08 | 440 | 7.12 |
| BO6-34 | 70.33 | 8.95 | 498 | 7.44 |
| BO6-34.5 | 71.33 | 9.81 | 558 | 7.77 |
| BO6-35 | 72.33 | 10.68 | 618 | 8.10 |
| BO6-35.5 | 73.33 | 11.54 | 679 | 8.45 |
| BO6-36 | 74.33 | 12.41 | 741 | 8.81 |
| BO6-36.5 | 75.33 | 13.27 | 804 | 9.18 |

| O-1000 Multi-Cell | | | | |
|-------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO10-54.5 | 111.92 | 8.93 | 759 | 11.99 |
| BO10-55 | 113.00 | 9.79 | 853 | 12.39 |
| BO10-55.5 | 114.00 | 10.66 | 949 | 12.79 |
| BO10-56 | 115.00 | 11.53 | 1046 | 13.20 |
| BO10-56.5 | 116.00 | 12.40 | 1143 | 13.63 |
| BO10-57 | 117.00 | 13.26 | 1241 | 14.06 |

| O-1100 Multi-Cell | | | | |
|-------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO11-60.5 | 124.25 | 10.07 | 931 | 13.25 |
| BO11-61 | 125.33 | 10.94 | 1037 | 13.69 |
| BO11-61.5 | 126.33 | 11.81 | 1143 | 14.13 |
| BO11-62 | 127.33 | 12.68 | 1250 | 14.59 |
| BO11-62.5 | 128.33 | 13.54 | 1358 | 15.05 |

| O-700 Multi-Cell | | | | |
|------------------|-------------|-------------|--------------------|------------------------|
| SHAPE | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT (TONS) |
| BO7-36.5 | 75.67 | 7.19 | 407 | 7.40 |
| BO7-37 | 76.67 | 8.05 | 471 | 7.74 |
| BO7-37.5 | 77.67 | 8.93 | 535 | 8.09 |
| BO7-38 | 78.67 | 9.79 | 601 | 8.46 |
| BO7-38.5 | 79.67 | 10.66 | 667 | 8.83 |
| BO7-39 | 80.67 | 11.52 | 734 | 9.21 |
| BO7-39.5 | 81.67 | 12.39 | 802 | 9.60 |
| BO7-40 | 82.67 | 13.25 | 871 | 10.00 |
| BO5-32.5 | 32.50 | 12.51 | 678 | 7.81 |

* Span assumes 4" between cells. Both waterway area and weight per foot include both cells.

E-Series Single Leaf

| BEBO SERIES | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT LENGTH (TONS) |
|-------------|-------------|-------------|--------------------|-------------------------------|
| E12 | 11'-2" | 3'-6" | 28 | 0.74 |
| E12 | 11'-9 1/2" | 4'-6" | 40 | 0.84 |
| E12 | 12'-0" | 5'-6" | 52 | 0.95 |
| E12 | 12'-0" | 6'-6" | 64 | 1.06 |
| E16 | 14'-4 1/2" | 3'-10" | 40 | 0.88 |
| E16 | 15'-3 1/2" | 4'-10" | 54 | 1.00 |
| E16 | 15'-10" | 5'-10" | 70 | 1.11 |
| E16 | 16'-0" | 6'-10" | 86 | 1.21 |
| E16 | 16'-0" | 7'-10" | 102 | 1.31 |
| E20 | 18'-7" | 5'-2" | 70 | 1.16 |
| E20 | 19'-4 1/2" | 6'-2" | 89 | 1.27 |
| E20 | 19'-10" | 7'-2" | 108 | 1.37 |
| E20 | 20'-0" | 8'-2" | 128 | 1.48 |
| E20 | 20'-0" | 9'-2" | 148 | 1.58 |
| E24 | 22'-9" | 6'-6" | 108 | 1.42 |
| E24 | 23'-5 1/2" | 7'-6" | 132 | 1.53 |
| E24 | 23'-10 1/2" | 8'-6" | 155 | 1.64 |
| E24 | 24'-0" | 9'-6" | 179 | 1.74 |
| E24 | 24'-0" | 10'-6" | 203 | 1.84 |
| E24 | 24'-0" | 11'-6" | 227 | 1.94 |
| E30 | 28'-11 1/2" | 8'-6" | 182 | 2.27 |
| E30 | 29'-6 1/2" | 9'-6" | 211 | 2.43 |
| E30 | 29'-11" | 10'-6" | 241 | 2.56 |
| E30 | 30'-0" | 11'-6" | 271 | 2.69 |
| E30 | 30'-0" | 12'-6" | 301 | 2.81 |
| E30 | 30'-0" | 13'-6" | 331 | 2.94 |
| E36 | 34'-8 1/2" | 9'-2" | 235 | 2.63 |
| E36 | 35'-4 1/2" | 10'-2" | 270 | 2.78 |
| E36 | 35'-9 1/2" | 11'-2" | 305 | 2.91 |
| E36 | 36'-0" | 12'-2" | 341 | 3.05 |
| E36 | 36'-0" | 13'-2" | 377 | 3.16 |
| E42 | 40'-8 1/2" | 10'-2" | 307 | 3.05 |
| E42 | 41'-4 1/2" | 11'-2" | 348 | 3.20 |
| E42 | 41'-9 1/2" | 12'-2" | 389 | 3.33 |
| E42 | 42'-0" | 13'-2" | 431 | 3.46 |
| E48 | 47'-4" | 12'-1" | 431 | 3.96 |
| E48 | 47'-8" | 13'-1" | 479 | 4.10 |

ARCH LAY LENGTHS (Nominal)

E12 - E24: 8' LAY LENGTH
E30 - E66T: 6' LAY LENGTH
E72T - E84T: 4' LAY LENGTH
C30T - C54T: 6' LAY LENGTH
T26 - T42: 8' LAY LENGTH
T44 - T52: 6' LAY LENGTH
T54 - T62: 4' LAY LENGTH
T64 - T82: 4' LAY LENGTH
T84 - T102: 4' LAY LENGTH

*1/2" Joints between Precast Concrete Units



C-Series Twin Leaf

| BEBO SERIES | SPAN (FEET) | RISE (FEET) | WATERWAY AREA (SF) | WEIGHT PER FOOT LENGTH (TONS) |
|-------------|-------------|-------------|--------------------|-------------------------------|
| C30T | 29'-4" | 11'-4" | 260 | 2.61 |
| C30T | 29'-9" | 12'-4" | 290 | 2.73 |
| C30T | 29'-11" | 13'-4" | 319 | 2.86 |
| C30T | 30'-0" | 14'-4" | 349 | 2.98 |
| C30T | 30'-0" | 15'-4" | 379 | 3.11 |
| C30T | 30'-0" | 16'-4" | 409 | 3.24 |
| C30T | 30'-0" | 17'-4" | 439 | 3.36 |
| C30T | 30'-0" | 18'-4" | 469 | 3.49 |
| C36T | 35'-6" | 14'-4" | 397 | 3.53 |
| C36T | 35'-9 1/2" | 15'-4" | 433 | 3.67 |
| C36T | 35'-11 1/2" | 16'-4" | 469 | 3.81 |
| C36T | 36'-0" | 17'-4" | 505 | 3.94 |
| C36T | 36'-0" | 18'-4" | 541 | 4.08 |
| C36T | 36'-0" | 19'-4" | 577 | 4.22 |
| C36T | 36'-0" | 20'-4" | 613 | 4.36 |
| C36T | 36'-0" | 21'-4" | 648 | 4.50 |
| C36T | 36'-0" | 22'-4" | 685 | 4.64 |
| C36T | 36'-0" | 23'-4" | 721 | 4.77 |

T-Series Single Leaf