



PRECAST CONCRETE PRODUCTS

2022 PRICE LIST

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M CON
PRODUCTS

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REINFORCED CONCRETE PIPE 2022

| Price per Metre | | | | |
|-----------------------|------------|------------|------------|------------|
| INSIDE DIMENSION (MM) | 50-D | 65-D | 100-D | 140-D |
| 300 | \$117.40 | \$117.40 | \$117.40 | \$117.40 |
| 375 | \$144.80 | \$144.80 | \$144.80 | \$144.80 |
| 450 | \$149.10 | \$149.10 | \$149.10 | \$186.50 |
| 525 | \$162.60 | \$162.60 | \$190.10 | \$224.30 |
| 600 | \$219.00 | \$219.00 | \$251.40 | \$295.90 |
| 675 | \$335.70 | \$335.70 | \$382.10 | \$447.70 |
| 750 | \$442.40 | \$442.40 | \$505.70 | \$591.00 |
| 825 | \$513.20 | \$513.20 | \$652.60 | \$685.90 |
| 900 | \$615.70 | \$615.70 | \$704.30 | \$822.30 |
| 975 | \$675.50 | \$711.10 | \$809.20 | \$947.10 |
| 1050 | \$773.60 | \$812.40 | \$930.20 | \$1,083.60 |
| 1200 | \$969.60 | \$1,018.50 | \$1,165.10 | \$1,357.70 |
| 1350 | \$1,246.90 | \$1,309.20 | \$1,497.60 | \$1,744.10 |
| 1500 | \$1,525.10 | \$1,600.70 | \$1,830.00 | \$2,134.80 |
| 1650 | \$1,826.30 | \$1,919.10 | \$2,193.40 | \$2,557.10 |
| 1800 | \$2,206.80 | \$2,320.30 | \$2,648.90 | \$3,091.00 |
| 1950 | \$2,559.20 | \$2,690.40 | \$3,070.60 | \$3,584.40 |
| 2100 | \$2,936.80 | \$3,080.70 | \$3,523.20 | \$4,109.20 |
| 2250 | \$3,337.50 | \$3,506.00 | \$4,005.70 | \$4,673.90 |
| 2400 | \$3,906.60 | \$4,098.30 | \$4,684.60 | \$5,465.70 |
| 2550 | \$4,399.90 | \$4,615.90 | \$5,277.30 | \$6,157.80 |
| 2700 | \$4,883.00 | \$5,126.60 | \$5,859.50 | \$6,836.50 |
| 3000 | \$5,979.60 | \$6,281.60 | \$7,179.10 | \$8,375.00 |

NOTES

- Prices include a pre-lubricated rubber gasket



REINFORCED CONCRETE PIPE DIMENSIONS 2022

| INSIDE DIA. | OUTSIDE DIA. | WALL DIM. | LAY LENGTH | MASS PER PIECE | TRUCKLOAD LOTS |
|-------------|--------------|-----------|------------|----------------|----------------|
| (mm) | (mm) | (mm) | (m) | (kg) | (pcs) |
| 300 | 445 | 70 | 2.29 | 486 | 65 |
| 375 | 533 | 76 | 2.29 | 648 | 50 |
| 450 | 622 | 83 | 2.44 | 878 | 40 |
| 525 | 711 | 89 | 2.29 | 1016 | 34 |
| 600 | 800 | 95 | 2.29 | 1232 | 28 |
| 675 | 889 | 102 | 2.29 | 1458 | 22 |
| 750 | 978 | 108 | 2.29 | 1716 | 19 |
| 825 | 1067 | 114 | 2.29 | 1874 | 17 |
| 900 | 1156 | 121 | 2.29 | 2253 | 17 |
| 975 | 1245 | 127 | 2.29 | 2567 | 12 |
| 1050 | 1334 | 133 | 2.29 | 2919 | 11 |
| 1200 | 1511 | 146 | 2.29 | 3661 | 9 |
| 1350 | 1689 | 159 | 2.29 | 4429 | 8 |
| 1500 | 1867 | 171 | 2.44 | 5734 | 6 |
| 1650 | 2045 | 184 | 2.44 | 6719 | 5 |
| 1800 | 2223 | 197 | 2.44 | 7846 | 4 |
| 1950 | 2362 | 190 | 2.44 | 8390 | 4 |
| 2100 | 2540 | 203 | 2.44 | 9562 | 4 |
| 2250 | 2717 | 215 | 2.44 | 10726 | 3 |
| 2400 | 2895 | 228 | 2.44 | 12214 | 2 |
| 2550 | 3073 | 241 | 2.44 | 13776 | 2 |
| 2700 | 3251 | 254 | 2.44 | 15139 | 2 |
| 3000 | 3606 | 279 | 2.44 | 18786 | 1 |

PIPE TEE (90°) AND WYE (45°) BRANCHES 2022

| Branch Size (mm) | Main Pipe Size (mm) | | | | | |
|------------------|---------------------|------------|------------|------------|------------|---------------------|
| | 300-525 | 600-825 | 900-1200 | 1350-1800 | 1950-2400 | 2550-3000 AND BOXES |
| 100 | \$190.50 | \$200.30 | \$255.50 | \$346.50 | \$415.00 | \$480.60 |
| 125 | \$209.40 | \$219.40 | \$280.60 | \$379.70 | \$455.60 | \$526.70 |
| 150 | \$230.70 | \$242.60 | \$308.90 | \$419.10 | \$502.00 | \$581.30 |
| 200 | \$307.80 | \$323.20 | \$412.30 | \$558.70 | \$670.10 | \$774.90 |
| 250 | \$344.70 | \$361.50 | \$461.20 | \$625.60 | \$750.20 | \$867.60 |
| 300 | \$469.20 | \$664.40 | \$862.10 | \$1,221.50 | \$1,580.90 | \$2,155.20 |
| 375 | \$567.60 | \$759.80 | \$1,023.30 | \$1,433.40 | \$1,886.00 | \$2,320.20 |
| 450 | \$693.80 | \$858.90 | \$1,125.00 | \$1,535.30 | \$1,988.30 | \$2,421.80 |
| 525 | \$749.40 | \$885.80 | \$1,153.30 | \$1,563.50 | \$2,015.80 | \$2,449.70 |
| 600 | | \$1,108.20 | \$1,381.90 | \$1,792.20 | \$2,244.10 | \$2,678.50 |
| 675 | | \$1,577.50 | \$1,789.50 | \$2,200.20 | \$2,652.60 | \$3,086.60 |
| 750 | | \$2,037.50 | \$2,221.50 | \$2,631.30 | \$3,084.10 | \$3,517.70 |
| 825 | | \$2,330.60 | \$2,486.00 | \$2,896.80 | \$3,349.50 | \$3,783.20 |
| 900 | | | \$2,891.20 | \$3,301.80 | \$3,753.90 | \$4,187.30 |
| 975 | | | \$3,291.80 | \$3,668.70 | \$4,121.50 | \$4,555.30 |
| 1050 | | | \$3,738.80 | \$4,078.10 | \$4,530.30 | \$4,964.00 |
| 1200 | | | \$4,613.60 | \$4,896.40 | \$5,349.50 | \$5,782.80 |
| 1350 | | | | \$6,105.60 | \$6,523.10 | \$7,036.40 |
| 1500 | | | | \$7,373.40 | \$7,789.20 | \$8,244.80 |

To calculate the price of a TEE or WYE branch, multiply the price per metre of the main pipe by its length and add the corresponding price for the required branch as listed above.

NOTES

1. Special angle branches can be manufactured upon request
2. Maintenance hole TEES are calculated the same as pipe TEES
3. Scribed holes - Up to 1350mm \$136.90 1500mm and over \$273.80 each
4. Branches 375mm and larger are for concrete pipe only
5. Branches 300mm and smaller are for concrete or smooth wall PVC pipe
6. Maximum branch size for 45 degree wye is 1050mm

REDUCERS & INCREASERS

*Price per piece

1. 300 to 3000 mm reinforced pipe REDUCER or INCREASER

*Multiply the PRICE per metre of the larger pipe x 6.5



CONCRETE PIPE PLUGS AND CAPS 2022

| INSIDE DIA. | PLUG MASS (KG) | CAP MASS (KG) | PRICE PER PIECE |
|-------------|----------------|---------------|-----------------|
| 300 | 26 | 122 | \$117.40 |
| 375 | 39 | 167 | \$144.80 |
| 450 | 53 | 221 | \$186.50 |
| 525 | 69 | 270 | \$224.40 |
| 600 | 86 | 325 | \$295.90 |
| 675 | 106 | 384 | \$447.70 |
| 750 | 130 | 472 | \$591.00 |
| 825 | 154 | 527 | \$685.90 |
| 900 | 180 | 618 | \$822.30 |
| 975 | 865 | 720 | \$947.10 |
| 1050 | 989 | 765 | \$1,083.60 |
| 1200 | 1266 | 986 | \$1,357.70 |
| 1350 | 1572 | 1239 | \$1,744.10 |
| 1500 | 1908 | 1440 | \$2,135.10 |
| 1650 | 2284 | 1676 | \$2,557.10 |
| 1800 | 2702 | 1983 | \$3,091.00 |
| 1950 | 3097 | 2192 | \$3,584.40 |
| 2100 | 3585 | 2531 | \$4,109.20 |
| 2250 | 4109 | 2894 | \$4,673.90 |
| 2400 | 4667 | 3279 | \$5,465.70 |
| 2550 | 5262 | 3690 | \$6,157.80 |
| 2700 | 5893 | 4127 | \$6,836.50 |
| 3000 | 7095 | 5892 | \$8,375.00 |



REINFORCED CONCRETE PIPE BENDS 2022

| Price Per Piece | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| INSIDE DIA. | 50-D | 65-D | 100-D | 140-D |
| 300 | \$632.20 | \$632.20 | \$632.20 | \$632.20 |
| 375 | \$783.10 | \$783.10 | \$783.10 | \$783.10 |
| 450 | \$806.70 | \$806.70 | \$806.70 | \$1,007.90 |
| 525 | \$878.80 | \$878.80 | \$1,027.40 | \$1,210.00 |
| 600 | \$1,116.80 | \$1,116.80 | \$1,282.60 | \$1,509.10 |
| 675 | \$1,678.80 | \$1,678.80 | \$1,911.60 | \$2,238.20 |
| 750 | \$2,212.90 | \$2,212.90 | \$2,530.00 | \$2,955.70 |
| 825 | \$2,565.80 | \$2,565.80 | \$3,263.00 | \$3,429.70 |
| 900 | \$3,076.10 | \$3,076.10 | \$3,519.40 | \$4,107.90 |
| 975 | \$3,377.70 | \$3,557.10 | \$4,046.60 | \$4,732.80 |
| 1050 | \$3,867.60 | \$4,062.60 | \$4,650.60 | \$5,418.10 |
| 1200 | \$4,846.20 | \$5,091.90 | \$5,825.90 | \$6,789.40 |
| 1350 | \$6,236.50 | \$6,545.20 | \$7,488.00 | \$8,721.10 |
| 1500 | \$7,624.40 | \$8,001.10 | \$9,149.40 | \$10,674.30 |
| 1650 | \$9,132.60 | \$9,594.80 | \$10,965.20 | \$12,781.30 |
| 1800 | \$11,033.80 | \$11,599.50 | \$13,245.10 | \$15,454.40 |
| 1950 | \$12,797.90 | \$13,449.60 | \$15,352.10 | \$17,921.70 |
| 2100 | \$14,683.60 | \$15,403.20 | \$17,614.60 | \$20,543.20 |
| 2250 | \$16,688.70 | \$17,527.60 | \$20,028.50 | \$23,370.10 |
| 2400 | \$19,532.20 | \$20,492.00 | \$23,421.20 | \$27,328.10 |
| 2550 | \$21,999.00 | \$23,078.70 | \$26,385.50 | \$30,789.10 |
| 2700 | \$24,415.40 | \$25,632.20 | \$29,298.80 | \$34,181.20 |
| 3000 | \$29,897.80 | \$31,406.00 | \$35,895.10 | \$41,874.00 |

REINFORCED ELLIPTICAL CONCRETE PIPE 2022

| EQUIVALENT DIAM. (MM) | RISE X SPAN (MM) | MASS PER PIECE (KG) | WALL DIM. (MM) | Price per Metre | | | |
|--------------------------|---------------------|------------------------|-------------------|-----------------|------------|------------|------------|
| | | | | PIPE CLASS | | | |
| | | | | HE I | HE II | HE III | HE IV |
| 900 | 730 x 1150 | 2283 | 114 | \$892.20 | \$942.10 | \$1,046.10 | \$1,200.00 |
| 1050 | 855 x 1345 | 2928 | 127 | \$1,092.20 | \$1,142.50 | \$1,288.30 | \$1,476.70 |
| 1200 | 975 x 1535 | 3665 | 140 | \$1,342.20 | \$1,403.40 | \$1,576.70 | \$1,818.80 |
| 1350 | 1090 x 1730 | 4518 | 152 | \$1,684.50 | \$1,773.40 | \$1,988.70 | \$2,288.60 |
| 1500 | 1220 x 1920 | 5421 | 165 | \$2,008.00 | \$2,111.90 | \$2,377.00 | \$2,730.40 |
| 1650 | 1340 x 2110 | 6401 | 178 | \$2,380.90 | \$2,503.90 | \$2,807.60 | \$3,234.60 |
| 1800 | 1465 x 2305 | 7464 | 191 | \$2,865.40 | \$3,004.00 | \$3,372.80 | \$3,884.80 |

NOTES

- Prices include butyl rubber gaskets
- Unit length is 2.44m
- Bends - multiply the price per metre of the elliptical pipe x 5 for the price per bend
- Reducers & Increases - multiply the price per metre of the larger elliptical pipe x 6.0
- Plugs & Caps - multiply the price per metre of the elliptical HE IV pipe x 1.0
- Tee and Wye Junctions - multiply the price per metre of the elliptical pipe x 2.44 and then add the corresponding pipe branch price
- from page 4 (for elliptical branch, use the equivalent diameter)
- Maintenance Hole Tee - Multiply the price per metre of the elliptical pipe x 2.44 and add \$5,522.70 for the 1200mm riser stub
- Manufactured to ASTM C507M

REINFORCED CONCRETE JACKING PIPE 2022

| INSIDE DIMENSION (MM) | Price per Metre | |
|-----------------------|-----------------|------------|
| | 100-D | 140-D |
| 825 | \$717.90 | \$754.50 |
| 900 | \$774.70 | \$904.50 |
| 975 | \$890.10 | \$1,041.80 |
| 1050 | \$1,023.20 | \$1,192.00 |
| 1200 | \$1,281.60 | \$1,493.50 |
| 1350 | \$1,647.40 | \$1,918.50 |
| 1500 | \$2,013.00 | \$2,348.30 |
| 1650 | \$2,412.00 | \$2,812.80 |
| 1800 | \$2,913.70 | \$3,400.10 |
| 1950 | \$3,377.70 | \$3,942.80 |
| 2100 | \$3,875.60 | \$4,520.10 |
| 2250 | \$4,406.30 | \$5,141.30 |
| 2400 | \$5,153.10 | \$6,012.30 |
| 2550 | \$5,805.00 | \$6,773.60 |
| 2700 | \$6,445.45 | \$7,520.20 |
| 3000 | \$7,897.00 | \$9,212.50 |

NOTES

- Prices include a pre-lubricated rubber gasket
- Please contact our estimating department for job specific pricing

REINFORCED CONCRETE BOX CULVERTS - OPSS1821 2022

| SPAN X RISE (MM) | LAY LENGTH (M) | MASS PER PIECE (KG) | DESIGN EARTH COVER (M) | PRICE PER METRE |
|------------------|----------------|---------------------|------------------------|-----------------|
| 1800 x 900 | 2.50 | 8449 | 0.6 to 6.0 | \$2,523.00 |
| 1800 x 1200 | 2.50 | 9227 | 0.6 to 6.0 | \$2,754.00 |
| 2400 x 1200 | 2.50 | 10787 | 0.6 to 6.0 | \$3,513.90 |
| 2400 x 1500 | 2.50 | 11559 | 0.6 to 6.0 | \$3,764.70 |
| 2400 x 1800 | 2.50 | 12347 | 0.6 to 6.0 | \$4,016.10 |
| 3000 x 1500 | 2.50 | 16848 | 0.6 to 5.5 | \$5,498.00 |
| 3000 x 1800 | 2.50 | 17809 | 0.6 to 5.5 | \$5,813.00 |
| 3000 x 2100 | 2.50 | 18770 | 0.6 to 5.5 | \$6,125.50 |
| 3000 x 2400 | 2.50 | 19731 | 0.6 to 5.5 | \$6,437.10 |

REINFORCED CONCRETE BOX CULVERTS - OPSS1821 2022

| SPAN X RISE (MM) | LAY LENGTH (M) | MASS PER PIECE (KG) | DESIGN EARTH COVER (M) | PRICE PER METRE |
|------------------|----------------|---------------------|------------------------|-----------------|
| 1800 x 900 | 2.50 | 8579 | 0.0 to 0.6 | \$3,175.00 |
| 1800 x 1200 | 2.50 | 9303 | 0.0 to 0.6 | \$3,454.10 |
| 2400 x 1200 | 2.50 | 10895 | 0.0 to 0.6 | \$4,417.20 |
| 2400 x 1500 | 2.50 | 11688 | 0.0 to 0.6 | \$4,769.60 |
| 2400 x 1800 | 2.50 | 12492 | 0.0 to 0.6 | \$5,026.10 |
| 3000 x 1500 | 2.50 | 17021 | 0.0 to 0.6 | \$6,761.60 |
| 3000 x 1800 | 2.50 | 17971 | 0.0 to 0.6 | \$7,044.80 |
| 3000 x 2100 | 2.50 | 18980 | 0.0 to 0.6 | \$7,412.20 |
| 3000 x 2400 | 2.50 | 19931 | 0.0 to 0.6 | \$7,782.90 |

NOTES

- Box Lay Length - 2.50m
- Jointing Material - add 5% to above price per metre
- Delivery - Please allow 4-6 weeks from date of order for delivery
- Specials - Please contact our Sales or Engineering Departments for prices of special design box units
- Tee & Wye Junctions (Box Culvert Branch) - Multiply the price per metre of the main box unit by 6.0
- Tee & Wye Junctions (Pipe Branch) - Multiply the price per metre of the main box unit by 2.5 and add the branch price from pg. 4
(For elliptical branches, use the equivalent diameter)
- Bends & Elbows - 5.0 x price per metre of box unit = Total price per piece of Bend or Elbow
- Reducers & Increases - 6.0 x price per metre of the larger box = Total price per piece of Reducers and Increases
- Plugs & Caps - Price per metre of box unit = Total price per piece of Plug or Cap
- Radius Box Unit - 1.15 x price per metre of straight box
- Beveled or Skewed End - 1.2 x price per metre of straight box, and then multiply by length of beveled or skewed unit
- Flush Ends - \$985.70 per unit
- 15M Dowels & Inserts - \$114.25 each
- Scribed Holes - \$287.40 each
- Hole for 686mm Access Opening \$1,642.80 (includes steps)
- Maintenance Hole Tee - Formed Opening for 1200 mm dia. - \$1,642.80 (includes steps)



REINFORCED NON-STANDARD CONCRETE BOX CULVERTS 2022

| SPAN X RISE (MM) | WALL THICKNESS (MM) | LAY LENGTH (M) | MASS PER PIECE (KG) | DESIGN EARTH COVER (M) | PRICE PER METRE | DESIGN EARTH COVER (M) | PRICE PER METRE |
|------------------|---------------------|----------------|---------------------|------------------------|-----------------|------------------------|-----------------|
| 1200 x 900 | 200 | 2.50 | 6535 | 0.6 to 3.6 | \$2,037.30 | 0.0 to 0.6 | P.O.R. |
| 1200 x 1200 | 200 | 2.50 | 7260 | 0.6 to 3.6 | \$2,206.40 | 0.0 to 0.6 | P.O.R. |
| 1500 x 1200 | 200 | 2.50 | 7985 | 0.6 to 3.6 | \$2,428.60 | 0.0 to 0.6 | P.O.R. |
| 1500 x 1500 | 200 | 2.50 | 8249 | 0.6 to 3.6 | \$2,649.60 | 0.0 to 0.6 | P.O.R. |
| 1800 x 1500 | 200 | 2.50 | 9474 | 0.6 to 3.6 | \$2,869.40 | 0.0 to 0.6 | P.O.R. |
| 1800 x 1800 | 200 | 2.50 | 10204 | 0.6 to 3.6 | \$3,218.90 | 0.0 to 0.6 | P.O.R. |
| 2400 x 900 | 200 | 2.50 | 9474 | 0.6 to 3.6 | \$3,257.10 | 0.0 to 0.6 | P.O.R. |
| 2400 x 2100 | 200 | 2.50 | 12460 | 0.6 to 3.6 | \$4,264.60 | 0.0 to 0.6 | P.O.R. |
| 2400 x 2400 | 200 | 2.50 | 13191 | 0.6 to 3.6 | \$4,519.00 | 0.0 to 0.6 | P.O.R. |
| 3000 x 900 | 250 | 2.50 | 14125 | 0.6 to 3.6 | \$4,867.20 | 0.0 to 0.6 | P.O.R. |
| 3000 x 1200 | 250 | 2.50 | 15039 | 0.6 to 3.6 | \$5,186.80 | 0.0 to 0.6 | P.O.R. |
| 3000 x 2700 | As required | As required | | 0.6 to 3.6 | \$7,866.10 | 0.0 to 0.6 | P.O.R. |
| 3000 x 3000 | As required | As required | | 0.6 to 3.6 | \$8,739.10 | 0.0 to 0.6 | P.O.R. |
| 3600 x 1500 | As required | As required | | 0.6 to 3.6 | \$6,963.60 | 0.0 to 0.6 | P.O.R. |
| 3600 x 1800 | As required | As required | | 0.6 to 3.6 | \$8,355.20 | 0.0 to 0.6 | P.O.R. |
| 3600 x 2100 | As required | As required | | 0.6 to 3.6 | \$9,747.80 | 0.0 to 0.6 | P.O.R. |
| 3600 x 2400 | As required | As required | | 0.6 to 3.6 | \$11,140.60 | 0.0 to 0.6 | P.O.R. |
| 3600 x 2700 | As required | As required | | 0.6 to 3.6 | \$13,349.80 | 0.0 to 0.6 | P.O.R. |
| 3600 x 3000 | As required | As required | | 0.6 to 3.6 | \$13,927.00 | 0.0 to 0.6 | P.O.R. |
| 4200 x 1500 | As required | As required | | 0.6 to 3.6 | \$9,127.20 | 0.0 to 0.6 | P.O.R. |
| 4200 x 1800 | As required | As required | | 0.6 to 3.6 | \$10,952.50 | 0.0 to 0.6 | P.O.R. |
| 4200 x 2100 | As required | As required | | 0.6 to 3.6 | \$12,777.80 | 0.0 to 0.6 | P.O.R. |
| 4200 x 2400 | As required | As required | | 0.6 to 3.6 | \$14,603.10 | 0.0 to 0.6 | P.O.R. |
| 4200 x 2700 | As required | As required | | 0.6 to 3.6 | \$16,443.00 | 0.0 to 0.6 | P.O.R. |
| 4200 x 3000 | As required | As required | | 0.6 to 3.6 | \$18,254.10 | 0.0 to 0.6 | P.O.R. |
| 4800 x 1500 | As required | As required | | 0.6 to 3.6 | \$10,421.00 | 0.0 to 0.6 | P.O.R. |
| 4800 x 1800 | As required | As required | | 0.6 to 3.6 | \$12,517.10 | 0.0 to 0.6 | P.O.R. |
| 4800 x 2100 | As required | As required | | 0.6 to 3.6 | \$14,603.10 | 0.0 to 0.6 | P.O.R. |
| 4800 x 2400 | As required | As required | | 0.6 to 3.6 | \$16,689.70 | 0.0 to 0.6 | P.O.R. |
| 4800 x 2700 | As required | As required | | 0.6 to 3.6 | \$18,775.80 | 0.0 to 0.6 | P.O.R. |
| 4800 x 3000 | As required | As required | | 0.6 to 3.6 | \$20,861.90 | 0.0 to 0.6 | P.O.R. |

MAINTENANCE HOLES 2022

| MAINTENANCE HOLE ESTIMATING TABLE | | | | | | | | | | | |
|-----------------------------------|------|---------|-----------|------|----------|-----------|------|----------|-----------|------|----------|
| 1200MM | | | 1500MM | | | 1800MM | | | 2400MM | | |
| Depth (m) | | | Depth (m) | | | Depth (m) | | | Depth (m) | | |
| FROM | TO | PRICE | FROM | TO | PRICE | FROM | TO | PRICE | FROM | TO | PRICE |
| 0.86 | 1.00 | \$2,082 | 1.25 | 1.39 | \$4,395 | 1.82 | 1.97 | \$7,332 | 1.46 | 1.75 | \$13,285 |
| 1.01 | 1.15 | \$2,231 | 1.40 | 1.54 | \$4,631 | 1.98 | 2.12 | \$7,647 | 1.76 | 2.06 | \$13,886 |
| 1.16 | 1.30 | \$2,380 | 1.55 | 1.69 | \$4,854 | 2.13 | 2.27 | \$7,932 | 2.07 | 2.36 | \$15,013 |
| 1.31 | 1.46 | \$2,528 | 1.70 | 1.84 | \$5,076 | 2.28 | 2.42 | \$8,279 | 2.37 | 2.67 | \$16,139 |
| 1.47 | 1.61 | \$2,674 | 1.85 | 1.99 | \$5,313 | 2.43 | 2.58 | \$8,595 | 2.68 | 2.87 | \$16,741 |
| 1.62 | 1.76 | \$2,826 | 2.00 | 2.14 | \$5,535 | 2.59 | 2.63 | \$8,595 | 2.88 | 3.18 | \$17,304 |
| 1.77 | 1.91 | \$2,975 | 2.15 | 2.30 | \$5,758 | 2.64 | 2.78 | \$8,932 | 3.19 | 3.48 | \$18,068 |
| 1.92 | 2.07 | \$3,120 | 2.31 | 2.45 | \$5,980 | 2.79 | 2.93 | \$9,031 | 3.49 | 3.79 | \$18,371 |
| 2.08 | 2.22 | \$3,267 | 2.46 | 2.65 | \$5,980 | 2.94 | 3.08 | \$9,346 | 3.80 | 4.09 | \$18,665 |
| 2.23 | 2.32 | \$3,419 | 2.66 | 2.80 | \$6,522 | 3.09 | 3.24 | \$9,324 | 4.10 | 4.20 | \$18,665 |
| 2.33 | 2.47 | \$3,106 | 2.81 | 2.96 | \$6,745 | 3.25 | 3.39 | \$9,640 | 4.21 | 4.50 | \$18,958 |
| 2.48 | 2.62 | \$3,250 | 2.97 | 3.11 | \$6,825 | 3.40 | 3.54 | \$9,617 | 4.51 | 4.80 | \$19,261 |
| 2.63 | 2.78 | \$3,403 | 3.12 | 3.26 | \$7,047 | 3.55 | 3.64 | \$9,617 | 4.81 | 5.00 | \$19,564 |
| 2.79 | 2.93 | \$3,552 | 3.27 | 3.41 | \$7,563 | 3.65 | 3.79 | \$9,933 | 5.01 | 5.11 | \$24,527 |
| 2.94 | 3.08 | \$3,698 | 3.42 | 3.57 | \$7,340 | 3.80 | 3.95 | \$9,920 | 5.12 | 5.41 | \$25,090 |
| 3.09 | 3.23 | \$3,845 | 3.58 | 3.67 | \$7,563 | 3.96 | 4.10 | \$10,237 | 5.42 | 5.72 | \$25,384 |
| 3.24 | 3.39 | \$3,999 | 3.68 | 3.82 | \$7,099 | 4.11 | 4.25 | \$10,223 | 5.73 | 6.02 | \$25,541 |
| 3.40 | 3.54 | \$4,147 | 3.83 | 3.97 | \$7,321 | 4.26 | 4.40 | \$10,539 | 6.03 | 6.33 | \$25,687 |
| 3.55 | 3.69 | \$4,294 | 3.98 | 4.12 | \$7,402 | 4.41 | 4.56 | \$10,517 | 6.34 | 6.63 | \$25,990 |
| 3.70 | 3.84 | \$4,441 | 4.13 | 4.28 | \$7,624 | 4.57 | 4.71 | \$10,833 | 6.64 | 6.93 | \$26,293 |
| 3.85 | 4.00 | \$4,588 | 4.29 | 4.43 | \$7,696 | 4.72 | 4.86 | \$10,810 | 6.94 | 7.24 | \$26,596 |
| 4.01 | 4.15 | \$4,734 | 4.44 | 4.58 | \$7,917 | 4.87 | 5.00 | \$11,216 | 7.25 | 7.54 | \$26,899 |
| 4.16 | 4.30 | \$4,921 | 4.59 | 4.73 | \$7,989 | 5.01 | 5.17 | \$14,459 | 7.55 | 7.84 | \$27,203 |
| 4.31 | 4.45 | \$5,069 | 4.74 | 4.89 | \$8,211 | 5.18 | 5.32 | \$14,775 | | | |
| 4.46 | 4.61 | \$5,216 | 4.90 | 5.00 | \$8,291 | 5.33 | 5.47 | \$14,763 | | | |
| 4.62 | 4.76 | \$5,368 | 5.01 | 5.19 | \$11,094 | 5.48 | 5.63 | \$15,079 | | | |
| 4.77 | 4.91 | \$5,514 | 5.20 | 5.34 | \$11,174 | 5.64 | 5.78 | \$15,065 | | | |
| 4.92 | 5.00 | \$5,660 | 5.35 | 5.50 | \$11,396 | 5.79 | 5.93 | \$15,382 | | | |
| 5.01 | 5.06 | \$7,497 | 5.51 | 5.65 | \$11,468 | 5.94 | 6.08 | \$15,369 | | | |
| 5.07 | 5.22 | \$7,644 | 5.66 | 5.80 | \$11,689 | 6.09 | 6.24 | \$15,684 | | | |
| 5.23 | 5.37 | \$7,791 | 5.81 | 5.95 | \$11,760 | 6.25 | 6.39 | \$15,672 | | | |
| 5.38 | 5.52 | \$7,937 | 5.96 | 6.11 | \$11,983 | 6.40 | 6.54 | \$15,988 | | | |
| 5.53 | 5.67 | \$8,094 | 6.12 | 6.26 | \$12,064 | 6.55 | 6.69 | \$15,975 | | | |
| 5.68 | 5.82 | \$8,241 | 6.27 | 6.41 | \$12,285 | 6.70 | 6.85 | \$16,290 | | | |
| 5.83 | 5.98 | \$8,388 | 6.42 | 6.56 | \$12,367 | 6.86 | 7.00 | \$16,278 | | | |
| 5.99 | 6.13 | \$8,566 | 6.57 | 6.72 | \$12,589 | 7.01 | 7.15 | \$16,594 | | | |
| 6.14 | 6.28 | \$8,718 | 6.73 | 6.87 | \$12,669 | 7.16 | 7.30 | \$16,580 | | | |
| 6.29 | 6.44 | \$8,864 | 6.88 | 7.03 | \$12,892 | | | | | | |
| 6.45 | 6.59 | \$9,016 | | | | | | | | | |
| 6.60 | 6.74 | \$9,163 | | | | | | | | | |

NOTES

- Depth represents the difference between finished grade and the lowest invert elevation
- Prices are rounded to the nearest dollar
- The Estimating Table transitions to 1200mm dia. components as follows:
 - 1200mm - Flat Top to tapered top (cone section)
 - 1500mm - After 1.80m of headroom
 - 1800mm - After 1.80m of headroom
 - 2400mm - After 2.40m of headroom
- Prices are calculated based on the most common applications and will vary with site conditions
- Prices include: standard precast concrete components c/w steps, pipe openings and joint gaskets
- 1200mm Safety Landings are included at 5.0m and deeper
- Prices do NOT include: castings, grade adjustment rings, flexible connectors, pre-benching, precast drops and other accessories

MAINTENANCE HOLES 2022

| CODE NO. | DETAILS | | HT. (M) | MASS (KG) | PRICE |
|---|--|--|---------|-----------|------------------|
| 1200mm Ø MAINTENANCE HOLE - OPSD 701.010 | | | | | |
| 2120001 | Base Slab | | 0.20 | 759 | \$764.30 |
| 2121091 | Monolithic Base | | 0.91 | 1741 | \$1,614.90 |
| 2120011 | Benching | | | | \$881.10 |
| 2122030 | Risers | (Available in .30, .61, .91, 1.22, 1.53, 1.83m) | | 1340/m | \$977.50/m |
| 2124000 | Taper Top | | 1.32 | 1975 | \$1,341.40 |
| 2123300 | Flat Cap | | 0.30 | 742 | \$764.30 |
| 2022020T | Transition Riser for 2400 mm & 3000 mm Flat Tops | | 0.20 | 308 | \$293.30 |
| 9091200 | Safety Landing | (OPSD 404.020) | | | \$1,831.60 |
| 1500mm Ø MAINTENANCE HOLE - OPSD 701.011 | | | | | |
| 2150001 | Base Slab | | 0.30 | 1786 | \$1,522.90 |
| 2151183 | Monolithic Base | | 1.83 | 4779 | \$4,234.20 |
| 2150011 | Benching | | | | \$1,185.90 |
| 2152030 | Risers | (Available in .30, .61, .91, 1.22, 1.53, 1.83, 2.13 & 2.44m) | | 2007/m | 1,481.60/m |
| 2153450 | Flat Cap | | 0.43 | 1879 | \$1,522.90 |
| 2153454 | Tapered Transition Section c/w steps | | 0.61 | 1633 | \$1,522.90 |
| 9091500 | Safety Landing | (OPSD 404.020) | | | \$2,579.00 |
| 1800mm Ø MAINTENANCE HOLE - OPSD 701.012 | | | | | |
| 2180001 | Base Slab | | 0.30 | 2540 | \$2,053.60 |
| 2181213 | Monolithic Base | | 2.13 | 7917 | \$6,541.10 |
| 2182030 | Risers | (Available in .30, .61, .91, 1.22, 1.53, 1.83, 2.13 & 2.44m) | | 2846/m | \$2,106.80/m |
| 2183380 | Flat Cap | | 0.43 | 2704 | \$2,053.60 |
| 2183384 | Tapered Transition Section c/w steps | | 0.61 | 2570 | \$2,053.60 |
| 9091800 | Safety Landing | (OPSD 404.020) | | | \$3,346.40 |
| 2400mm Ø MAINTENANCE HOLE - OPSD 701.013 | | | | | |
| 2240001 | Base Slab | | 0.30 | 4480 | \$4,069.50 |
| 2242030 | Risers | (Available in .61, .91, 1.22, 1.53, 1.83, 2.13 & 2.44m) | | 4866/m | \$3,755.90/m |
| 2243300 | Flat Cap | | 0.43 | 4930 | \$4,069.50 |
| 2243304 | Transition Slab | | 0.43 | 4265 | \$4,069.50 |
| 9092400 | Safety Landing | (OPSD 404.020) | | | \$5,233.00 |
| 3000mm Ø MAINTENANCE HOLE - OPSD 701.014 | | | | | |
| 2300001 | Base Slab | | 0.30 | 6944 | \$6,853.40 |
| 2302030 | Risers | (Available in .61, .91, 1.22, 1.53, 1.83, 2.13 & 2.44m) | | 7400/m | \$5,875.90/m |
| 2303300 | Flat Cap | | 0.45 | 7945 | \$6,853.40 |
| 2303304 | Transition Slab | | 0.45 | 7261 | \$6,853.40 |
| 9093000 | Safety Landing | | | | Price on request |
| 3600mm Ø MAINTENANCE HOLE | | | | | |
| 2360001 | Base Slab | | 0.30 | 10140 | \$12,102.00 |
| 2362122 | Risers | (Available in .61, .91, 1.22, 1.53, 1.83, 2.13 & 2.44m) | | 10808/m | \$12,805.40/m |
| 2363304 | Flat Cap | | 0.45 | 10500 | \$12,102.00 |
| 9093600 | Transition Slab | | 0.45 | 11529 | \$12,102.00 |
| 9093600 | Safety Landing | | | | Price on request |

NOTES

1. Price includes rubber gasket
2. Other Monolithic Base heights available. Please contact our Engineering department for sizes and our Sales department for pricing
3. Prices on product manufactured to OPSD 700 series and OPSD 1000 series
4. Standard steps conform to OPSD 405.010
5. Solid aluminum steps available upon request



MAINTENANCE HOLES 2022

| CODE NO. | BOX MAINTENANCE HOLE SIZE | BOX MH NAME | MASS (KG) | PRICE |
|----------|--|-------------|-----------|---------------|
| 3033999 | 900mm x 900mm Risers | M3.3 | 1620/m | \$2,146.10/m |
| 3033001 | 900mm x 900mm Separate Base / Top Slab | M3.3 | 689 | \$1,038.70 |
| | 900mm x 900mm Mono Base / Mono Top Premium | M3.3 | 524 | \$416.10 |
| 3040999 | 1200mm x 1200mm Risers | M4 | 3315 | \$2,897.80/m |
| 3040001 | 1200mm x 1200mm Separate Base / Top Slab | M4 | 1590 | \$1,716.30 |
| | 1200mm x 1200mm Mono Base / Mono Top Premium Including OPS DIMH 702.040 and 702.050 | M4 | 997 | \$737.70 |
| 3050999 | 1500mm x 1800mm Risers | M5 | 4362/m | \$3,588.90/m |
| 3050001 | 1500mm x 1800mm Separate Base / Top Slab | M5 | 2631 | \$2,607.90 |
| | 1500mm x 1800mm Mono Base / Mono Top Premium | M5 | 1792 | \$1,382.10 |
| 3055999 | 1800mm x 1800mm Risers | M5.5 | 4711/m | \$4,784.30/m |
| 3055001 | 1800mm x 1800mm Separate Base / Top Slab | M5.5 | 3049 | \$3,237.70 |
| | 1800mm x 1800mm Mono Base / Mono Top Premium | M5.5 | 2128 | \$1,658.80 |
| 3065999 | 1800mm x 2400mm Risers | M6.5 | 5408/m | \$4,136.40/m |
| 3065001 | 1800mm x 2400mm Separate Base / Top Slab | M6.5 | 3884 | \$3,642.20 |
| | 1800mm x 2400mm Mono Base / Mono Top Premium | M6.5 | 2799 | \$2,210.90 |
| 3075999 | 1800mm x 3000mm Risers | M7.5 | 6108/m | \$6,630.00/m |
| 3075001 | 1800mm x 3000mm Separate Base / Top Slab | M7.5 | 4768 | \$4,952.20 |
| | 1800 mm x 3000mm Mono Base / Mono Top Premium | M7.5 | 3522 | \$2,764.30 |
| 3080999 | 2400mm x 2400mm Risers | M8 | 6105/m | \$6,828.80/m |
| 3080001 | 2400mm x 2400mm Separate Base / Top Slab | M8 | 5431 | \$5,305.80 |
| | 2400mm x 2400mm Mono Base / Mono Top Premium | M8 | 5391 | \$2,764.40 |
| 3090999 | 2400mm x 3000mm Risers | M9 | 6803/m | \$6,644.60/m |
| 3090001 | 2400mm x 3000mm Separate Base / Top Slab | M9 | 6621 | \$6,425.60 |
| | 2400mm x 3000mm Mono Base / Mono Top Premium | M9 | 5087 | \$3,916.20 |
| 3095999 | 3000mm x 3000mm Risers | M9.5 | 7655/m | \$10,305.70/m |
| 3095001 | 3000mm x 3000mm Separate Base / Top Slab | M9.5 | 8095 | \$8,752.10 |
| | 3000mm x 3000mm Mono Base / Mono Top Premium | M9.5 | 6238 | \$4,895.30 |
| 3100999 | 2400mm x 3800mm Risers | M10 | 7789/m | \$10,750.00/m |
| 3100001 | 2400mm x 3800mm Separate Base / Top Slab | M10 | 8286 | \$8,979.50 |
| | 2400mm x 3800mm Mono Base / Mono Top Premium | M10 | 6517 | \$4,960.90 |
| 3110999 | 3000mm x 3800mm Risers | M11 | 8655/m | \$13,851.90/m |
| 3110001 | 3000mm x 3800mm Separate Base / Top Slab | M11 | 10028 | \$11,373.40 |
| | 3000mm x 3800mm Mono Base / Mono Top Premium | M11 | 7908 | \$6,200.90 |



MAINTENANCE HOLES 2022

| CODE NO. | BOX MAINTENANCE HOLE SIZE | BOX MH NAME | MASS (KG) | PRICE |
|----------|--|-------------|-----------|---------------|
| 3120999 | 3800mm x 3800mm Risers | M12 | 9912/m | \$17,868.90/m |
| 3120001 | 3800mm x 3800mm Separate Base / Top Slab | M12 | 12486 | \$14,522.60 |
| | 3800mm x 3800mm Mono Base / Mono Top Premium | M12 | 9738 | \$7,854.00 |
| 3130999 | 2400mm x 4200mm Risers | M13 | 8524/m | \$12,823.10/m |
| 3130001 | 2400mm x 4200mm Separate Base / Top Slab | M13 | 9070 | \$10,263.10 |
| | 2400mm x 4200mm Mono Base / Mono Top Premium | M13 | 7190 | \$5,482.60 |
| 3140999 | 3000mm x 4200mm Risers | M14 | 9250/m | \$16,022.70/m |
| 3140001 | 3000mm x 4200mm Separate Base / Top Slab | M14 | 12866 | \$13,468.10 |
| | 3000mm x 4200mm Mono Base / Mono Top Premium | M14 | 8790 | \$6,853.40 |
| 3150999 | 3800mm x 4200mm Risers | M15 | 10193/m | \$19,838.90/m |
| 3150001 | 3800mm x 4200mm Separate Base / Top Slab | M15 | 15895 | \$16,120.50 |
| | 3800mm x 4200mm Mono Base / Mono Top Premium | M15 | 13257 | \$8,718.10 |
| 3160999 | 4200mm x 4200mm Risers | M16 | 10879/m | \$23,628.10/m |
| 3160001 | 4200mm x 4200mm Separate Base / Top Slab | M16 | 17852 | \$17,817.30 |
| | 4200mm x 4200mm Mono Base / Mono Top Premium | M16 | 14748 | \$9,641.30 |

NOTES

1. A minimum charge of 2 metres will apply to all box maintenance holes
2. Box maintenance holes pricing is based on a maximum depth of 7 metres
3. Butyl tape or hydrophilic gasket and waterproofing membrane are required for all box structures (refer to the Sealants section in our price list)
4. Special Safety Landings, Hatches and Specialty Hardware available for all box maintenance holes

PIPE TO STRUCTURE FLEXIBLE CONNECTORS 2022

| CODE NO. | CONNECTOR TYPE | PVC PIPE | CORE HOLE DIA. (MM) | PRICE EACH |
|----------|----------------|----------|---------------------|------------|
| 9200150 | CAST-IN | 150 | | \$269.20 |
| 9220150 | BOOT | 150 | 250/300 | \$269.20 |
| 9200200 | CAST-IN | 200 | | \$269.20 |
| 9220200 | BOOT | 200 | 300 | \$269.20 |
| 9200250 | CAST-IN | 250 | | \$351.60 |
| 9220250 | BOOT | 250 | 350 | \$351.60 |
| 9200300 | CAST-IN | 300 | | \$351.60 |
| 9220300 | BOOT | 300 | 400 | \$351.60 |
| 9220375 | BOOT | 375 | 500 | \$459.50 |
| 9220450 | BOOT | 450 | 560 | \$552.40 |
| 9220525 | BOOT | 525 | 660 | \$698.90 |
| 9220600 | BOOT | 600 | 711 | \$781.80 |



CATCH BASINS AND SPECIALTY PRODUCTS 2022

| CODE NO. | DETAILS | MASS (KG) | PRICE |
|--|--|-----------|--------------|
| CATCH BASINS / DITCH INLETS | | | |
| 1201030 | 600mm x 600mm Catch Basin (OPSD 705.010) | 942kg/m | \$640.20/m |
| 1301030 | 600mm x 600mm Ditch Inlet (OPSD 705.030) | 1267kg/m | \$956.40/m |
| 1241030 | 600mm x 1450mm Double Catch Basin (OPSD 705.020) | 1567kg/m | \$1,242.30/m |
| 1341030 | 600mm x 1200mm Ditch Inlet (OPSD 705.040A/B) | 1830kg/m | \$1,484.60/m |
| 9012099 | Goss Trap (PVC) | | \$926.20 |
| NOTES | | | |
| 1. Minimum charge of 1 metre will apply to all box catch basins and ditch inlets | | | |
| 2. Price of Ditch Inlet includes one pair of Ditch Inlet fasteners | | | |
| DITCH INLET GRATES | | | |
| 9090010 | 762mm x 768mm Ditch Inlet Grate - Type A (403.010A) | | \$761.80 |
| 9090020 | 768mm x 1338mm Ditch Inlet Grate - Type B (403.010B) | | \$1,121.30 |
| 9090030 | 768mm x 1465mm Ditch Inlet Grate - Type C (403.010C) | | \$1,231.00 |
| ACCESSORIES | | | |
| 99100 | 20mm Hollow Aluminum Maintenance Hole Step 405.010 (supplied only) | | \$34.70 |
| 99105 | 20mm Solid Aluminum Maintenance Hole Step 405.020 (supplied only) | | \$50.00 |
| 99111 | 20mm Galvanized Maintenance Hole Step (supplied only) | | \$102.20 |
| 99125 | Aluminum Ladder c/w hardware | | P.O.R. |
| 99150 | Aluminum Hatch | | P.O.R. |
| 99901 | 4 ton lifting device | | \$529.10 |
| 99902 | 8 ton lifting device | | \$995.90 |
| 99903 | 20 ton lifting device | | \$2,269.30 |
| SEALANTS FOR BOX STRUCTURES | | | |
| 99010 | Butyl Tape - 25mm x 25mm (Box Manhole Sealant) | | \$298.80 |
| 99030 | Hydrophilic Waterstop - 25mm x 19mm | | \$881.20 |
| 99035 | Paraprimer for Hydrophilic Waterstop (1 gallon container) | | \$222.50 |
| 99060 | Mel-Rol Waterproofing Membrane (300mm wide x 18m roll) | | \$305.90 |
| 99065 | Mel-Prime Primer (3.78 liter container) | | \$222.50 |
| 99090 | Pail of Hydraulic Cement | | \$169.80 |

CITY OF OTTAWA VALVE CHAMBERS 2022

| CODE NO. | DETAILS | HEIGHT | MASS (KG) | PRICE |
|----------|---|--------|-----------|---------------|
| 4150002 | Circular Base Set (2 pieces/set) 1780mm x 790mm | .40m | 1232 | \$998.80 |
| 4151122 | 1520mm Ø VC Bottom | 1.22m | 2543 | \$1,807.61 |
| 4153450 | 1520mm Ø VC Flat Cap (Gate Valve & Butterfly Valve) | 0.43m | 1818 | \$1,522.90 |
| 2072015 | 760mm Ø VC Risers (Available in .15, .23, .30, .45, .61m) | | 667kg/m | \$871.70 |
| 4154015 | 760mm Ø VC Top Section | 0.15m | 95 | \$210.00 |
| 4154030 | 760mm Ø VC Top Section | 0.30m | 197 | \$265.90 |
| 4154045 | 760mm Ø VC Top Section | 0.45m | 299 | \$398.30 |
| 4060999 | 1800mm x 2400mm (W10, Type R-1 & Park VC W31.1) | M6.5 | 5408/m | \$4,136.40/m |
| 4060001 | 1800mm x 2400mm Separate Base / Top Slab | M6.5 | 3884 | \$3,642.20 |
| | 1800mm x 2400mm Mono Base / Mono Top Premium | M6.5 | 2799 | \$2,210.90 |
| 4070999 | 1800mm x 3000mm (W10, Type R-2) | M7.5 | 6108/m | \$6,630.00/m |
| 4070001 | 1800mm x 3000mm Separate Base / Top Slab | M7.5 | 4768 | \$4,952.20 |
| | 1800mm x 3000mm Mono Base / Mono Top Premium | M7.5 | 3522 | \$2,764.30 |
| 4090999 | 2400mm x 3000mm (W11, Type R-3) | M9 | 6803/m | \$6,644.60/m |
| 4090001 | 2400mm x 3000mm Separate Base / Top Slab | M9 | 6621 | \$6,425.60 |
| | 2400mm x 3000mm Mono Base / Mono Top Premium | M9 | 5087 | \$3,916.20 |
| 4110999 | 3000mm x 3800mm (W11, Type R-4) | M11 | 8655/m | \$13,851.90/m |
| 4110001 | 3000mm x 3800mm Separate Base / Top Slab | M11 | 10028 | \$11,373.40 |
| | 3000mm x 3800mm Mono Base / Mono Top Premium | M11 | 7908 | \$6,200.90 |
| 4090999 | 2400mm x 3000mm (W12, Type R-3) | M9 | 6803/m | \$6,644.60/m |
| 4090001 | 2400mm x 3000mm Separate Base / Top Slab | M9 | 6621 | \$6,425.60 |
| | 2400mm x 3000mm Mono Base / Mono Top Premium | M9 | 5087 | \$3,916.20 |
| 4110999 | 3000mm x 3800mm (W12, Type R-4) | M11 | 8655/m | \$13,851.90/m |
| 4110001 | 3000mm x 3800mm Separate Base / Top Slab | M11 | 10028 | \$11,373.40 |
| | 3000mm x 3800mm Mono Base / Mono Top Premium | M11 | 7908 | \$6,200.90 |
| 4110999 | 3000mm x 3800mm (W13, Type R-4) | M11 | 8655/m | \$13,851.90/m |
| 4110001 | 3000mm x 3800mm Separate Base / Top Slab | M11 | 10028 | \$11,373.40 |
| | 3000mm x 3800mm Mono Base / Mono Top Premium | M11 | 7908 | \$6,200.90 |

NOTES

1. Additional sizes are available, please contact our sales department
2. There is a premium for TVS Chambers, add 25% to the cost of the box portion of a standard box valve chambers
3. Hydrophilic gasket and waterproofing membrane are required for all valve chambers (refer to the Sealants section in our price list)



HEADWALLS AND WINGWALLS 2022

| CODE NO. | DETAILS | MASS (KG) | PRICE PER PIECE |
|--|---|-----------|-----------------|
| HEADWALLS - MODIFIED OPSD 804.030 (M CON Type E1) | | | |
| 6020300 | Headwall for 300 dia. pipe | 5052 | \$4,084.00 |
| 6020375 | Headwall for 375 dia. pipe | 4978 | \$4,084.00 |
| 6020450 | Headwall for 450 dia. pipe | 4890 | \$4,964.80 |
| 6020525 | Headwall for 525 dia. pipe | 7217 | \$4,964.80 |
| 6020600 | Headwall for 600 dia. pipe | 7183 | \$6,340.20 |
| 6020675 | Headwall for 675 dia. pipe | 7068 | \$6,340.20 |
| 6020750 | Headwall for 750 dia. pipe | 9998 | \$7,743.30 |
| 6020825 | Headwall for 825 dia. pipe | 9841 | \$7,743.30 |
| 6020900 | Headwall for 900 dia. pipe | 9669 | \$9,159.50 |
| HEADWALLS - MODIFIED OPSD 804.020 (M CON Type E2) | | | |
| | Headwall for 600 to 900 dia. Pipe | 13750 | \$18,810.10 |
| | Headwall for 975 dia. Pipe | 13790 | \$19,962.50 |
| | Headwall for 1050 dia. Pipe | 13830 | \$21,700.20 |
| | Headwall for 1200 dia. Pipe | 14030 | \$23,434.70 |
| | Headwall for 1350 dia. Pipe | 14390 | \$24,880.90 |
| | Headwall for 1500 dia. Pipe | 14370 | \$26,617.20 |
| WINGWALLS - MODIFIED OPSD 804.040 (M CON Type E3) | | | |
| 6040600 | Wingwall Headwall for 600 dia. Pipe | 15266 | \$19,927.30 |
| 6040675 | Wingwall Headwall for 675 dia. Pipe | 15088 | \$19,927.30 |
| 6040750 | Wingwall Headwall for 750 dia. Pipe | 14988 | \$19,927.30 |
| 6040825 | Wingwall Headwall for 825 dia. Pipe | 14886 | \$19,927.30 |
| 6040900 | Wingwall Headwall for 900 dia. Pipe | 22279 | \$22,319.80 |
| 6040975 | Wingwall Headwall for 975 dia. Pipe | 22260 | \$22,319.80 |
| 6041050 | Wingwall Headwall for 1050 dia. Pipe | 22022 | \$22,319.80 |
| 6041200 | Wingwall Headwall for 1200 dia. Pipe | 21730 | \$22,319.80 |
| 6041350 | Wingwall Headwall for 1350 dia. Pipe | 27745 | \$26,977.00 |
| 6041500 | Wingwall Headwall for 1500 dia. Pipe | 27363 | \$26,977.00 |
| 6041650 | Wingwall Headwall for 1650 dia. Pipe | 26994 | \$26,977.00 |
| 6041800 | Wingwall Headwall for 1800 dia. Pipe | 26471 | \$26,977.00 |
| | Segmental Wingwall Headwall for 1900 - 2250 dia. Pipe | | \$41,290.80 |
| | Segmental Wingwall Headwall for 2400 - 3000 dia. Pipe | | \$44,994.90 |
| HEADWALL GRATES - OPSD 804.050 | | | |
| 6010375 | Headwall grate for 300 dia. pipe | | \$1,004.00 |
| 6010375 | Headwall grate for 375 dia. pipe | | \$1,004.00 |
| 6010450 | Headwall grate for 450 dia. pipe | | \$1,104.90 |
| 6010525 | Headwall grate for 525 dia. pipe | | \$1,104.90 |
| 6010600 | Headwall grate for 600 dia. pipe | | \$1,186.50 |
| 6010675 | Headwall grate for 675 dia. pipe | | \$1,186.50 |
| 6010750 | Headwall grate for 750 dia. pipe | | \$1,406.30 |
| 6010825 | Headwall grate for 825 dia. pipe | | \$1,406.30 |
| 6010900 | Headwall grate for 900 dia. pipe | | \$1,435.10 |
| 6010975 | Headwall grate for 975 dia. pipe | | \$1,566.00 |

Table continued on next page...



HEADWALLS AND WINGWALLS 2022 (CONT'D)

| CODE NO. | DETAILS | MASS (KG) | \$1,500.90 |
|--|-----------------------------------|-----------|------------|
| HEADWALL GRATES - OPSD 804.050 (CONT'D) | | | |
| 6011050 | Headwall grate for 1050 dia. pipe | | \$1,781.90 |
| 6011200 | Headwall grate for 1200 dia. pipe | | \$2,038.30 |
| 6011350 | Headwall grate for 1350 dia. pipe | | \$2,169.10 |
| 6011500 | Headwall grate for 1500 dia. pipe | | \$2,352.90 |
| 6011650 | Headwall grate for 1650 dia. pipe | | \$2,817.60 |
| 6011800 | Headwall grate for 1800 dia. pipe | | \$3,247.40 |
| NOTES | | | |
| 1. Specialty headwall grates are also available, please contact our sales department | | | |

GRADE ADJUSTMENT RINGS 2022

| CODE NO. | DETAILS | HEIGHT(MM) | MASS (KG) | PRICE |
|--|--|-----------------------|-----------|----------|
| 710mm Ø MAINTENANCE HOLE | | | | |
| 2125005 | Adjuster 710mm Ø x 159mm wide | 50 | 58 | \$59.20 |
| 2125007 | Adjuster 710mm Ø x 159mm wide | 75 | 86 | \$62.80 |
| | Adjuster 710mm Ø x 159mm wide | 100 | 109 | \$82.50 |
| | Adjuster 710mm Ø x 159mm wide | 150 | 164 | \$87.00 |
| 2125030 | Adjuster 710mm Ø x 159mm wide c/w step | 300 | 325 | \$278.50 |
| 760mm Ø MAINTENANCE HOLE / VALVE CHAMBER | | | | |
| 4155005 | Adjuster 760mm Ø | 50 | 37 | \$59.30 |
| 4155007 | Adjuster 760mm Ø | 75 | 36 | \$62.80 |
| 4155010 | Adjuster 760mm Ø | 100 | 74 | \$67.30 |
| 4155015 | Adjuster 760mm Ø | 150 | 112 | \$82.60 |
| 600mm x 600mm SQUARE CATCH BASIN | | | | |
| 1205005 | Adjuster 600mm x 600mm | 50 | 40 | \$56.10 |
| 1205007 | Adjuster 600mm x 600mm | 75 | 61 | \$59.50 |
| 1205010 | Adjuster 600mm x 600mm | 100 | 84 | \$82.50 |
| 1205015 | Adjuster 600mm x 600mm | 150 | 121 | \$87.00 |
| SEALANT FOR ADJUSTMENT RINGS | | | | |
| 99020 | Box of 1/4" dia. Butyl Tape (26 rolls/box) | | | \$542.00 |
| PACKAGING FORMAT FOR ALL ADJUSTMENT RINGS | | | | |
| | Quantity per Bundle | Thickness (mm) | | |
| | 10 pcs | 50 | | |
| | 10 pcs | 75 | | |
| | 6 pcs | 100 | | |



MUNICIPAL CASTINGS 2022

| CODE | SPEC | DETAILS | PRICE |
|--|-----------|---|------------|
| ONTARIO PROVINCIAL STANDARD | | | |
| 9012010 | 400.010 | 150mm (H) x 610mm x 610mm CB Frame & Grate - Dished | \$735.00 |
| 9012000 | 400.020 | 150mm (H) x 610mm x 610mm CB Frame & Grate - Flat | \$735.00 |
| 9012020 | 400.030 | 150mm (H) x 610mm x 610mm CB Frame & Grate - V Type | \$890.00 |
| 9020070 | 400.070 | 150mm (H) x 625 Ø CBMH Raised Frame & Herringbone Grate | \$735.00 |
| 9012060 | 400.100 | 150mm (H) x 610mm x 610mm CB Frame & Grate - Slotted Openings | \$735.00 |
| 9020040 | 401.010A | 150mm (H) x 625mm Ø MH Square Frame & Closed Cover | \$595.00 |
| 9020030 | 401.010B | 150mm (H) x 625mm Ø MH Square Frame & Open Grate | \$595.00 |
| 9020060 | 401.020 | 130mm (H) x 760mm Ø MH Frame & Cover | \$890.00 |
| 9020050 | 401.030 | 150mm (H) x 625mm Ø MH Square Frame & Cover - Watertight | \$860.00 |
| 9040020 | 402.010 | 150mm (H) x 625mm Ø VC Frame & Cover | \$795.00 |
| 9040030 | 402.030 | VC Frame & Cover for Meter Chamber - 3 pc unit | \$4,335.00 |
| CITY OF OTTAWA | | | |
| 9010020 | S20/S21 | 75mm (H) x 390mm x 550mm Old Style CB Frame & Grate | \$400.00 |
| 9012030 | S22/S23 | 230mm (H) x 610mm x 610mm CB Frame & Cover - Curb Inlet | \$940.00 |
| 9012050 | S25/S28 | 230mm (H) x 610mm x 610mm CB Frame & Cover - Curb Inlet CBMH | \$1,180.00 |
| 9020020 | S24/S25 | 130mm (H) x 760mm Ø MH Frame & Cover - Toilet Logo | \$775.00 |
| 9020010 | S24.1/S25 | 130mm (H) x 760mm Ø MH Frame & Cover - Fish Logo | \$775.00 |
| | S25/S28.1 | 130mm (H) x 760mm Ø CBMH Frame & Cover - Open | \$775.00 |
| 9020073 | S19 | 150mm (H) x 625mm Ø CB Raised Frame & Fish Grate | \$735.00 |
| 9020073S | S19/S23 | 150mm (H) x 625mm Ø CB Raised Frame & Solid Fish Grate | \$735.00 |
| 9040010 | W15/W16 | 130mm (H) x 760mm Ø VC Frame & Cover | \$825.00 |
| 9020000 | | 760mm Ø MH Adjustable Frame & Cover c/w guide frame | \$1,300.00 |
| 9040000 | | 760mm Ø VC Adjustable Frame & Cover c/w guide frame | \$1,380.00 |
| MISCELLANEOUS | | | |
| 9012004 | | 100mm (H) x 610mm x 610mm CB Frame & Grate - Flat - Low Profile | \$775.00 |
| 9020080 | | 625mm Ø MH Adjustable Frame & Cover c/w guide frame (Ontario Std) | \$1,125.00 |
| NOTES | | | |
| 1. Specialty castings and/or inscriptions are available as a special order | | | |



TERMS AND CONDITIONS 2022

1. ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. Estimates are open for acceptance for a period of 30 days.
2. Acceptance of all pricing shall not obligate the Seller until the Purchaser's credit is approved by our Credit Department. Orders must be placed by means of a signed purchase order, signed letter or signed M CON estimate sheet.
3. PAYMENT TERMS: Net 30 days. A 3% cash discount will be allowed as incentive for prompt payment, providing no amount is overdue and full payment is made by the 25th of the month following. Note that H.S.T. is not subject to the discount. A Service Charge at a rate of 2% per month (24% per annum) will be charged on overdue accounts.
4. Federal and Provincial Taxes are extra. Any changes in tax regulation will be charged or credited accordingly.
5. The prices contained in this Price List are based on the use of Normal Portland Cement, with rubber gaskets complying with CSA A257.3 and ATSM C443. A premium will be added for any other type of Cement or Gasket.
6. Prices include delivery for truckload quantities within a 250 kilometer travel distance from our plant. Deliveries which exceed the set limit will be subject to a flat delivery charge. A truckload consists of a minimum of 32,000 kg and any order that is less than the minimum will be priced F.O.B. from our plant with delivery charges extra. Boom Truck deliveries are available at an extra charge.
7. To ensure adequate service, no less than 24 hours notice should be given to enable proper scheduling of deliveries.
8. When delivery F.O.B. truck at jobsite is included in the price quoted, delivery shall be construed to mean motor truck delivery, as close to job-site, designated storage area or to line of trench as is practical for loaded motor trucks and trailers operating under their own power without risk of accident, injury or undue delay. The Purchaser shall provide and maintain suitable access roads to project site for delivery of goods. Delivery beyond a point accessible to loaded trucks shall be at the risk of the purchaser.
9. The Seller reserves the right to make an extra charge for unreasonable delay in unloading or releasing his vehicles. The Seller shall not be responsible for any damages due to delays caused by the failure of transportation facilities, strikes, fire, labour difficulties, government regulations, war, flood, accident, material procurement difficulties or any caused beyond its control.
10. Prices are based on deliveries being made in normal daylight working hours, Monday to Friday. All other Deliveries times will incur a premium charge.
11. Estimates are made on the condition that full delivery will be taken within six months from acceptance of order. Any goods delivered after that period will be subject to any increase in prices shown in our regular published price list in effect at the time of each delivery.
12. The purchaser will inspect all products for deficiencies. In order to avoid unnecessary costs and delays, special attention should be given to specialty or custom pieces. Defects or inaccuracies should be reported to the Seller immediately. The Seller will deliver new goods to the Purchaser at the site of the work. It is a condition of sale that this will be the limit of the Seller's liability and he will not be liable for any labour costs or other consequential damages.
13. SPECIAL PRECAST CONCRETE PRODUCTS ORDERED ARE NOT SUBJECT TO CANCELLATION. Stock items returned for credit will be subject to 25% handling charges or a minimum of \$25.00 charge. The items must meet the acceptance of the Seller and any damaged products will not be credited. Material pick up for credit will be subject to freight charges.
14. The Purchaser is reminded to verify all quantities, calculations, specifications etc. and the Seller assumes no liability in that regard.
15. No warranties, representations, conditions or agreements exist which are not set out in this price list.
16. If the financial responsibility of the Purchaser becomes unsatisfactory to the Seller, the Seller reserves the right to demand payment in advance or other security and if in default to cancel the unfulfilled portion of the contract.
17. Waiver of any one or more of the Terms and Conditions herein by the Seller shall not constitute a general waiver of Terms and Conditions and the Seller reserves the right to enforce any and all conditions not so waived. Any such waiver must be in writing.



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Storm Water Management: Echelon Systems



Retaining Wall Blocks: Stone Strong Systems



M CON IS PART OF THE PRECAST GROUP. COLLECTIVELY, WE ARE THE MOST DIVERSE SUPPLIER OF PRECAST PRODUCTS IN ONTARIO. IF OTHER PRECAST PRODUCTS ARE REQUIRED, PLEASE DO NOT HESITATE TO CONTACT ONE OF OUR AFFILIATED COMPANIES.



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www.centralprecast.com
info@centralprecast.com

PRODUCT LINE

| | |
|-----------------------|---|
| Landscape Products | Distributors of interlocking stones, retaining walls, slabs and curbing |
| Architectural Precast | Manufacturers of architectural precast for buildings such as big box stores and condo buildings |
| Masonry Furnishings | Manufacturers of masonry furnishings that include sills, lintels, coping and caps |
| Site Furnishings | Manufacturers of planters, steps, garbage receptacles, benches, ashtrays, etc. |
| Fencing | Manufacturers of various precast concrete fencing systems |
| Columns & Signs | Manufacturers of custom columns and signs to your specifications |
| Shelters | Manufacturers of a variety of standard shelters |



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www.utilitystructures.com
info@utilitystructures.com

PRODUCT LINE

| | |
|--------------------|---|
| Concrete Poles | Manufacturers of concrete poles for hydro distribution, street lighting |
| Utility Structures | Manufacturers of utility vaults, distribution chambers, and other electrical structures |
| Highway Barriers | Manufacturers of standard OPSD concrete barriers |
| Specialty Items | Bollards, Aluminum Pole bases |