**Pricing Tables**

**Table # – Roadworks Items**

**Variations in Asphalt Cement in WMA – Bid AC**

The asphalt cement content of mix designs for bidding purposes shall be those shown in Table 1 – Superpave Asphalt Cement Content for Bid Purposes (%), or Bid AC included in the Specifications for Items R301 and R302.

Bidders shall bid the warm mix asphalt item(s) using the content of the PGAC specified and should assume only virgin AC is used when calculating their bid prices for these items.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Specification**  **Category** | **Item #** | **Item Description** | **Unit of Measurement** | **Estimated Quantity** | **Unit Price** | **Total** |
| Renewal | R101 | Disposal of Excavated Ditch Material | cubic metres |  |  |  |
| Renewal | R102 | Removal and Disposal of Winter Sand | tonnes |  |  |  |
|  |  |  |  |  |  |  |
| Renewal | R201 | Roadway Ditching – Terra Seeds | square metres |  |  |  |
| New Construction | R202 | Clearing and Grubbing | square metres |  |  |  |
| New Construction | R203 | Removal of Single Trees | each |  |  |  |
| Renewal / New Construction | R204 | Earth Excavation, Grading | cubic metres |  |  |  |
| Renewal / New Construction | R205 | Earth Borrow | cubic metres |  |  |  |
| New Construction | R206 | Unsuitable Material Removal, Disposal and Backfill (Provisional) | cubic metres |  |  |  |
| New Construction | R207 | Impacted Material Removal, Disposal and Backfill (Provisional) | cubic metres |  |  |  |
| New Construction | R208 | Geogrid for Sub-Excavation Locations (Provisional) | square metres |  |  |  |
| New Construction | R209 | Geotextile for Sub-Excavation Locations (Provisional) | square metres |  |  |  |
| New Construction | R210 | Earth Excavation and Preparation for Boulevard Soil Trench | cubic metres |  |  |  |
| New Construction | R212 | Tree Root Exploratory Excavation by Hydro-Vac (Provisional) | hours |  |  |  |
|  |  |  |  |  |  |  |
| Renewal / New Construction | R300 | Plant Produced Trial Batches for Asphalt Mix Design Approval | each |  |  |  |
| Renewal / New Construction | R301 | XX mm Superpave 19.0 Binder Course, PGAC 64-28 XJ, Category ‘C’ Warm Mix Asphalt – Location | tonnes |  |  |  |
| Renewal / New Construction | R301 | XX mm Superpave 25.0 Binder Course, PGAC 64-28 XJ, Category ‘D’ Warm Mix Asphalt – Location | tonnes |  |  |  |
| Renewal / New Construction | R302 | XX mm Superpave 12.5 FCX Surface Course, PGAC 64-28 XJ, Category ‘C’ Warm Mix Asphalt – Location | tonnes |  |  |  |
| Renewal / New Construction | R302 | XX mm Superpave 12.5 Stone Mastic Asphalt Surface Course, PGAC 70-28 XJ, Category ‘E’ Warm Mix Asphalt – Location | tonnes |  |  |  |
| Renewal | R303 | Remove and Replace Miscellaneous Superpave 12.5 PGAC 58-28, Category 'A' Hot Mix Asphalt | square metres |  |  |  |
| Renewal | R304 | Remove and Replace Asphalt Curb and Gutter | metres |  |  |  |
| Renewal | R305 | XX mm Superpave 12.5 Surface Course, PGAC 58-28, Category ‘C’ Hot Mix Asphalt – Location | square metres |  |  |  |
| Renewal | R306 | Remove and Replace Miscellaneous Superpave 12.5 PGAC 58-28, Category 'B' Hot Mix Asphalt | square metres |  |  |  |
| Renewal | R307 | Remove and Replace Hot Mix Asphalt HL-3HS Surface Course and HL-8 Binder Course | square metres |  |  |  |
| Renewal | R308 | Remove and Replace Miscellaneous Hot Mix Asphalt HL-3 | square metres |  |  |  |
| Renewal | R309 | 50 mm Superpave 12.5 Surface Course, PGAC 64-28 XJ, Category ‘D’ (Provisional) | square metres |  |  |  |
| Renewal | R310 | Asphalt Binder Course Repair (Provisional) | square metres |  |  |  |
| Renewal | R310A | Asphalt Binder Course Repair – Asbestos Containing Materials (Provisional) | square metres |  |  |  |
| Renewal | R311 | Aramid Reinforcing Fibers in WMA – Location | tonnes of WMA |  |  |  |
| Renewal | R312 | Geotextile Stabilized Double Chip Seal | square metres |  |  |  |
| Renewal | R313 | Double Chip Seal | square metres |  |  |  |
| Renewal | R314 | Fog Seal | square metres |  |  |  |
| Renewal / New Construction | R315 | Granular Sealing | square metres |  |  |  |
| Renewal | R316 | Type III Modified Microsurfacing | square metres |  |  |  |
| New Construction | R317 | Tack Coat | square metres |  |  |  |
| Renewal | R317 | Tack Coat (Provisional) | square metres |  |  |  |
| Renewal / New Construction | R318 | Joint Sealant – Re-Instatement Tape | metres |  |  |  |
| Renewal / New Construction | R319 | Joint Sealing Compound | metres |  |  |  |
| Renewal | R320 | Crack Sealing | metres |  |  |  |
| Renewal | R321 | Crack Filling | metres |  |  |  |
| New Construction | R322 | Routing, Cleaning and Sealing Cracks in Hot Mix Asphalt Pavement | metres |  |  |  |
| Renewal | R323 | Full-Depth Reclamation with Expanded Asphalt Stabilization | square metres |  |  |  |
| Renewal | R324 | Corrective Aggregate | tonnes |  |  |  |
| Renewal | R325 | Performance Graded Asphalt Cement | tonnes |  |  |  |
| Renewal | R326 | Hydrated Lime | tonnes |  |  |  |
| New Construction | R327 | Granular A – Roadway | cubic metres |  |  |  |
| New Construction | R327 | Granular A – Entrances | cubic metres |  |  |  |
| New Construction | R327 | Granular A – Boulevard | cubic metres |  |  |  |
| New Construction | R327 | Granular A – Shoulders | cubic metres |  |  |  |
| New Construction | R328 | Granular B – Roadway | cubic metres |  |  |  |
| New Construction | R328 | Granular B – Entrances | cubic metres |  |  |  |
| New Construction | R328 | Granular B – Boulevard | cubic metres |  |  |  |
| Renewal | R329 | Removal, Preparation and Regrading of Existing Shoulders | metres |  |  |  |
| Renewal | R330 | Granular ‘A’ Shoulders and Entrances | tonnes |  |  |  |
| Renewal | R331 | Full Depth Granular Base Repair (Provisional) | cubic metres |  |  |  |
| Renewal | R332 | Full Depth Granular Sub-Base Repair (Provisional) | cubic metres |  |  |  |
| New Construction | R333 | Temporary Asphalt SP 12.5 Sidewalk and Transit Pads | square metres |  |  |  |
| Renewal / New Construction | R334 | Concrete Curb and Gutter – All Types | metres |  |  |  |
| Renewal / New Construction | R335 | Concrete Sidewalk – All Types | square metres |  |  |  |
| Renewal / New Construction | R336 | Tactile Walking Surface Indicator (TWSI) Plates for Concrete Sidewalk Ramps | each |  |  |  |
| Renewal / New Construction | R337 | Concrete Slab Raised Median | square metres |  |  |  |
| New Construction | R338 | Concrete Bus Shelter Pad and Passenger Standing Area | square metres |  |  |  |
| Renewal | R339 | Remove and Restore Interlocking Brick Boulevard | square metres |  |  |  |
| Renewal / New Construction | R340 | Concrete Curb and Gutter Outlets – All Types | each |  |  |  |
|  |  |  |  |  |  |  |
| Renewal / New Construction | R401 | Pipe Subdrains | metres |  |  |  |
| Renewal / New Construction | R402 | Adjust Maintenance Holes, Catch Basins and Valve Chambers | each |  |  |  |
| Renewal / New Construction | R403 | Rebuild Maintenance Holes, Catch Basins and Valve Chambers | each |  |  |  |
| Renewal / New Construction | R404 | Adjust Water Valves | each |  |  |  |
| Renewal / New Construction | R405 | Replace Frames and Grates for Maintenance Holes, Catch Basins and Valve Chambers | each |  |  |  |
| Renewal | R406 | Supply/Replace and Adjust Rectangular Frame with Two-Piece Cover | each |  |  |  |
| Renewal / New Construction | R407 | Catch Basins including Frame and Grate/Cover – 600 mm x 600 mm | each |  |  |  |
| Renewal / New Construction | R408 | Double Catch Basins including Frame and Grate/Cover – 600 mm x 1200 mm | each |  |  |  |
| Renewal / New Construction | R409 | Ditch Inlets including Frame and Grate/Cover – 600 mm x 1200 mm | each |  |  |  |
| Renewal / New Construction | R410 | Maintenance Holes including Frame and Grate/Cover – 1200 mm | each |  |  |  |
| Renewal / New Construction | R410 | Maintenance Holes including Frame and Grate/Cover – 1800 mm | each |  |  |  |
| New Construction | R411 | Maintenance Hole Drop Structure – 300 mm | each |  |  |  |
| New Construction | R412 | Break into Existing Maintenance Hole, Catch Basin or Sewer | each |  |  |  |
| New Construction | R413 | Oil/Grit Separator – Location and Size | each |  |  |  |
| Renewal / New Construction | R414 | Storm Sewer – 300 mm Dia. PE Class 320, Bedding, Granular Backfill | metres |  |  |  |
| Renewal / New Construction | R414 | Storm Sewer – 525 mm Dia. PE Class 320, Bedding, Granular Backfill | metres |  |  |  |
| New Construction | R415 | CCTV Inspection of Storm Sewers | metres |  |  |  |
| Renewal | R416 | Remove and Replace Damaged Storm Sewer Pipe – Location | metres |  |  |  |
| Renewal | R417 | Flush, Clean and Inspect Existing Storm Sewers | metres |  |  |  |
| New Construction | R418 | Concrete Headwall for Pipes Less than 900 mm including Grate (OPSD 804.030) | each |  |  |  |
| New Construction | R419 | Concrete Headwall with Grate and Chain Link Fence (OPSD 804.040) | each |  |  |  |
| New Construction | R420 | Entrance Culvert – 525 mm Dia., Type, Class | metres |  |  |  |
| Renewal | R421 | Remove and Replace Driveway Culvert | metres |  |  |  |
| Renewal | R422 | Remove and Replace Pipe Culverts – Location | lump sum | 1 |  |  |
| New Construction | R423 | Road Culvert – Size, Type, Class | metres |  |  |  |
| Renewal | R424 | Reline Pipe Culvert with Fold and Form HDPE Pipe Liners – Location | lump sum | 1 |  |  |
| Renewal | R425 | Reline Pipe Culvert with Snap-Tite HDPE Pipe – Location | lump sum | 1 |  |  |
|  |  |  |  |  |  |  |
| Renewal / New Construction | R501 | Removal of Asphalt Pavement – Full Depth (100 mm) | square metres |  |  |  |
| Renewal / New Construction | R502 | Removal of Asphalt Pavement – Partial Depth (50 mm) | square metres |  |  |  |
| Renewal | R503 | Removal of Asphalt Pavement at New Median – Partial Depth (40 mm) | square metres |  |  |  |
| Renewal | R504 | Removal of Asphalt Pavement at Structures – Partial Depth (40 mm) | square metres |  |  |  |
| Renewal / New Construction | R505 | Removal of Asphalt Sidewalk | square metres |  |  |  |
| Renewal / New Construction | R506 | Removal of Concrete Curb and Gutter – All Types | metres |  |  |  |
| Renewal | R507 | Removal of Concrete Sidewalk/Median Island | square metres |  |  |  |
| New Construction | R508 | Removal of Concrete Sidewalk | square metres |  |  |  |
| New Construction | R509 | Removal of Median Island | square metres |  |  |  |
| New Construction | R510 | Removal of Unit Pavers | square metres |  |  |  |
| New Construction | R511 | Removal of Concrete Bus Pads | square metres |  |  |  |
| New Construction | R512 | Removal of Pipe Subdrains | metres |  |  |  |
| New Construction | R513 | Removal of Maintenance Holes, Catch Basins and Ditch Inlets | each |  |  |  |
| Renewal / New Construction | R514 | Removal of Pipes and Culverts | metres |  |  |  |
| New Construction | R515 | Abandon Sewers and Laterals | metres |  |  |  |
| New Construction | R516 | Removal of Concrete – Headwall | cubic metres |  |  |  |
| New Construction | R516 | Removal of Concrete – Toe Wall | cubic metres |  |  |  |
| New Construction | R517 | Removal of Rip Rap | square metres |  |  |  |
| New Construction | R518 | Removal of Gabions | cubic metres |  |  |  |
| Renewal / New Construction | R519 | Removal of Three-Cable Guide Rail | metres |  |  |  |
| Renewal / New Construction | R520 | Removal of Anchor Blocks | each |  |  |  |
| Renewal / New Construction | R521 | Removal of Steel Beam Guide Rail | metres |  |  |  |
| Renewal / New Construction | R522 | Removal of Energy Attenuators | each |  |  |  |
| New Construction | R523 | Removal of Fence – All Types | metres |  |  |  |
| New Construction | R524 | Removal of Noise Barriers – All Types | metres |  |  |  |
| New Construction | R525 | Relocate Canada Post Super Box on New Concrete Pad | each |  |  |  |
| New Construction | R526 | Rip Rap Stone with Geotextile | square metres |  |  |  |
| New Construction | R527 | River Run Stone | square metres |  |  |  |
| New Construction | R528 | Temporary Flow Passage System and Dewatering | lump sum | 1 |  |  |
| New Construction | R529 | Fish Rescue | lump sum | 1 |  |  |
| Renewal | R530 | Cold Wet Mill and Disposal of Asphalt Pavement Containing Asbestos – Partial/Full Depth (XX mm) | square metres |  |  |  |
| Renewal | R531 | Cold Wet Mill and Disposal of Asphalt Pavement Containing Asbestos – Partial/Full Depth (XX mm) | square metres |  |  |  |
|  |  |  |  |  |  |  |
| Renewal / New Construction | R701 | Supply and Install Steel Beam Guide Rail | metres |  |  |  |
| Renewal / New Construction | R701 | Supply and Install Steel Beam Guide Rail with Channel | metres |  |  |  |
| Renewal / New Construction | R701 | Supply and Install Steel Beam Guide Rail – Nu-Guard Assembly | metres |  |  |  |
| Renewal / New Construction | R701 | Supply and Install Steel Beam Guide Rail – M20 | metres |  |  |  |
| Renewal / New Construction | R701 | Supply and Install Steel Beam Guide Rail – M30 | metres |  |  |  |
| Renewal / New Construction | R702 | Steel Beam Guide Rail Structure Connections | each |  |  |  |
| Renewal / New Construction | R703 | Supply and Install Guide Rail End Treatment – MASH SoftStop Terminal System | each |  |  |  |
| Renewal / New Construction | R703 | Supply and Install Guide Rail End Treatment – MASH Sequential Kinking Terminal System | each |  |  |  |
| Renewal / New Construction | R703 | Supply and Install Guide Rail End Treatment – Entrances and Intersecting Roadways | each |  |  |  |
| Renewal / New Construction | R703 | Supply and Install Guide Rail End Treatment – Leaving End Treatment | each |  |  |  |
| New Construction | R704 | Bicycle Railing | metres |  |  |  |
| New Construction | R705 | Pedestrian Barricade | metres |  |  |  |
| New Construction | R706 | Temporary Concrete Barriers | metres |  |  |  |
| New Construction | R707 | Temporary Concrete Barriers, Relocation | metres |  |  |  |
| New Construction | R708 | Energy Attenuator – Temporary – Type | each |  |  |  |
| New Construction | R709 | Energy Attenuator – Relocation – Type | each |  |  |  |
| New Construction | R710 | Construction Fence | metres |  |  |  |
| New Construction | R711 | Highway Fence | metres |  |  |  |
| New Construction | R712 | Chain Link Fence | metres |  |  |  |
| New Construction | R713 | Chain Link Gate | each |  |  |  |
| New Construction | R714 | Wildlife Fence – Large Animals | metres |  |  |  |
| New Construction | R715 | Wildlife Fence – Small Animals | metres |  |  |  |
|  |  |  |  |  |  |  |
| Renewal | R801 | Restoration of Topsoil and Sod (Provisional) | square metres |  |  |  |
| New Construction | R802 | Topsoil | cubic metres |  |  |  |
| New Construction | R803 | Sodding | square metres |  |  |  |
| New Construction | R804 | Seeding and Erosion Control Blanket | square metres |  |  |  |
| New Construction | R805 | Supply and Install Engineered Growing Media for Planting | cubic metres |  |  |  |
| New Construction | R806 | Barrier for Tree Protection | metres |  |  |  |
| Renewal / New Construction | R807 | Filter Sock Fiber Rolls – 600 mm | metres |  |  |  |
| Renewal / New Construction | R808 | Filter Sock Fiber Roll Check Dams – 600 mm | each |  |  |  |
| Renewal | R809 | Silt Barrier Socks for Catch Basin Inlet Protection | each |  |  |  |
|  |  |  |  |  |  |  |
| Renewal | R901 | Hydro-Vac Test Holes (Provisional) | hours |  |  |  |
| New Construction | R902 | Expose Existing Utilities by Hydro-Vac (up to 2 m deep) (Provisional) | each |  |  |  |
| New Construction | R902 | Expose Existing Utilities by Hydro-Vac (2 m to 3 m deep) (Provisional) | each |  |  |  |
| New Construction | R902 | Expose Existing Utilities by Hydro-Vac (3 m to 4 m deep) (Provisional) | each |  |  |  |
| New Construction | R903 | Unshrinkable Fill (Provisional) | cubic metres |  |  |  |
| New Construction | R904 | Insulate Storm Sewer | metres |  |  |  |
| New Construction | R905 | Well Abandonment | each |  |  |  |
| New Construction | R906 | Remove and Re-Instate Mail and Paper Boxes | each |  |  |  |

**Cash Allowances**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Specification Category** | **Item #** | **Item Description** | **Estimated Quantity** | **Cash Allowance** | **Total Cash Allowance** |
| New Construction | R211 | Pruning of Trees and Woody Vegetation (Cash Allowance) | 1 | xxx |  |
| New Construction | R213 | Services of Qualified Tree Professional (Cash Allowance) | 1 | xxx |  |