

Universal

- Dates - changed to reflect 2025 and added Corporate Branding;
- Improved formatting and language to be consistent across all Infrastructure Guidelines;
- Included title of all referenced OPSD/OPSS documents for ease of reviewing.

The following new guidelines were created:

- Construction Management Plan (CMP) Report template;
- Transportation Impact Assessment Guidelines.

Water Guidelines Updates:

- Updated language and standard detail for cul-de-sac servicing to improve operations and maintenance of the system;
- Improved language to provide clarity on connections to existing water systems.

Sanitary Guidelines Updates:

- Minor revisions to align Sanitary Infrastructure Guidelines with MECP Environmental Compliance Approval Design Criteria;
- Added additional details on connections to structures to align with City Capital specifications and to minimize potential of infiltration in the system;
- Maintenance Hole adjustment units shall be set in full bed of mortar at structure and frame. A layer of blueskin waterproofing membrane or approved equivalent, shall be adhered to the outside surface of the adjustment units with primer and overlapped a minimum 300mm over structure and at joints;
- All PVC inlet and outlet pipes, including outlets for future extensions shall be securely set into structure's concrete base and walls using factory installed rubber gaskets (boots) and shall be water tight.

Stormwater Management Guidelines Updates:

- Improved formatting and language of document for clarity and comprehension;
- Added section on additional resources to assist with the design of storm and stormwater management systems;
- Revisions to align Stormwater Infrastructure Guidelines with MECP Environmental Compliance Approval Design Criteria;
- Added additional details on connections to structures to align with City Capital specifications and current construction practices;
- Updated requirements for erosion and sediment control during construction to reference current Erosion and Sediment Control Guidelines prepared by Sustainable Technologies Evaluation Program (STEP);
- Include Appendix A – CLI ECA Stormwater Management Criteria;
- Maintenance Hole adjustment units shall be set in full bed of mortar at structure and frame. A layer of blueskin waterproofing membrane or approved equivalent, shall be

adhered to the outside surface of the adjustment units with primer and overlapped a minimum 300mm over structure and at joints;

- All PVC inlet and outlet pipes, including outlets for future extensions shall be securely set into structure's concrete base and walls using factory installed rubber gaskets (boots) and shall be water tight.

Roads Guidelines Updates:

- Include a cross-section for a 20.0 metre urban road allowance with 3.0m wide multi use path to support new development and active transportation;
- Provide a single minimum pavement design for all collector roads;
- Added additional language for culverts to provide clarity that all proposed entrances are to have independent culverts with sufficient spacing to provide for ditching per City specifications;
- Revised minimum sight triangles and curb radius requirements to align with Transportation Master Plan recommendations;
- Added minimum intersection spacing requirements to align with Transportation Master Plan recommendations.