

Summary of CoDSMMCD Updates

March 2024

| Update | Rationale |
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| WATER | |
| Requiring water meters to be replaced if it is greater than 25 years old in addition to water service connections. | To ensure that all of the service connection infrastructure is replaced at the same time. |
| Defining water meter requirements for duplexes. | To ensure that duplexes receive separate water meters so that water use can be billed to each individual unit. |
| Specifying that water meters should be located outside of driveway accesses. | For ease of maintenance. |
| Removing language that allows water meters to be located within a building. | For ease of maintenance and access. |
| Noting that all water meters located on private property shall include a statutory right-of-way. | To allow City crews to legally access and maintain the water meter. |
| Adding watermain pressure zone maps. | To provide information that previously was not included but is necessary for a consulting Engineer to complete their analyses. |
| Adding water meter chamber details for industrial, commercial and multi-family developments. | To ensure water meters are designed and installed as per Delta's specifications. |
| STORM | |
| Updating runoff coefficients. | To provide information necessary for a Consulting Engineer to prepare drainage calculations. |
| Clarifying the language regarding minimum pipe size for storm mains. | To reduce confusion and uncertainty. |
| Defining storm service connection requirements for duplexes. | To ensure that duplexes receive separate storm service connections. |

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| Adding requirements related to the use of storm main pumps where a gravity service is not practical. | To provide new information that was not previously included. |
| Noting that runoff from covered parkades shall be conveyed into the sanitary sewer system. | To ensure that deleterious materials from parkades are not conveyed into the storm sewer system. |
| Adding rainfall data for North Delta, Ladner, and Tsawwassen. | To provide information that previously was not included to assist developers with their analyses. |
| SANITARY | |
| Removing language regarding service connection tie-ins to sanitary force mains. | To ensure that service connection tie-ins to sanitary force mains do not occur. |
| ROADS | |
| Removing road allowance table. | This information has been relocated to the Bylaw to ensure that the Bylaw continues to govern road allowances. |
| Updating sidewalk requirements table to increase sidewalk widths and specify sidewalks on both sides of local roads and within local road cul-de-sacs. | To provide improved pedestrian facilities in accordance with Delta's Vision Zero Strategy. |
| Changing from roadway tapers to curb extensions at the transition points between new construction and existing road structure. | To provide improved roadway function and aesthetics. |
| Increasing the industrial driveway width from 12.0m to 14.0m. | To accommodate wide truck turning movements. |
| Removing the Private Roads section. | To avoid any conflicts with Delta Zoning Bylaw No. 7600, 2017 and the <i>BC Building Code</i> . |
| Adding bus stop design requirements. | To provide guidance regarding bus stop designs. |
| Updating lighting standards to reference the Transportation Association of Canada's (TAC) Guide for the Design of Roadway Lighting and Illuminating | To ensure conformance to the latest design standards. |

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| Engineering Society of North America (IESNA) standards. | |
| Updating and adding light fixture specifications. | To define Delta's preferred fixtures and remove fixtures that are no longer being manufactured. |
| Updating the illumination requirements. | To match industry standards. |
| Updating and clarifying street light spacing for various road classifications. | To provide clarity and guidance. |
| Defining colour temperatures for LED fixtures for various roadway classifications. | To ensure that LED fixtures provide the appropriate ambience (ie: yellow-white light for local roads, and blue-white light to increase alertness for arterial roads). |
| Adding guidance for the use of hanging basket brackets, banner brackets, and electrical outlets for seasonal lighting. | To provide new information that was not previously included and to clarify the decorative street light pole requirements. |
| Removing the private road cross-section (L2.28). | Conflicts with Delta Zoning Bylaw No. 7600, 2017 and the <i>BC Building Code</i> . |
| Removing cycling maps and replacing with the new Ultimate Cycling Network Map. | To update outdated maps. |
| Adding new standard detail drawings for traffic calming features. | To ensure that traffic calming devices are constructed uniformly throughout the City. |
| THIRD PARTY UTILITIES | |
| Adding new information pertaining to third party utility undergrounding that was previously in the front-end of the Subdivision and Development Standards Bylaw. | Moving technical information from the front-end of the Bylaw into the CoDSMMCD. |
| Adding language to allow developers the flexibility to keep existing overhead electrical and telecommunications wiring for existing dwellings. | To provide new information that was not previously included and to clarify the third party utility wiring requirements. |