

PH/VL:brb
Attachment

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Table 1

Proposed Changes to Engineering Design Criteria and Supplementary Specifications
(2004)

Proposed Change	Issue	Resolution
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General

Trench backfill on arterial road	Backfill material is the same for local and arterial roads	Provide crushed granular sub-base to improve the restoration after trench excavation in arterial roads
Frequency of density tests	The frequency of test is left to individual contract administrator	Provide standard acceptance criteria for consistency

Sewer & Drainage (to Facilitate Basements)

Provide gravity or engineered pumped connection to each lot	Access to back yard services for maintenance is very expensive and disruptive.	More flexibility for pumped connections and less for back yard servicing
Change STEP system to Low Pressure Sanitary System	Odour issue in urban setting, cost, footprint impact on lot and septicity of the STEP sewage.	Reduce cost, remove footprint impact on real estate of the septic tank and reduce the corrosion impact on the City sewer system.
Reduce MBE from 0.6m to 0.3m freeboard	0.3m freeboard is generally used in the region	Facilitate more basements in new developments

Water

Fire Hydrant Spacing	Cluster of hydrants in commercial/commercial areas	Spread out hydrants to reflect current fire fighting procedures
Provide water main on both sides of Major Road Network	Lots of service connections crossing major road network, causing traffic disruption and high maintenance cost	Provide water main on both sides of Major Road Network where there will be ultimately 6 lanes

Transportation

New specification for Superpave	Specification is prepared for each individual contract	Standard specification is provided for designers
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Increase right-of-way and pavement width in Neo-traditional local road sections by between 1.0m and 0.5m

Right-of-way and pavement width is different in road of similar classification. Problems have arisen due to inadequate parking

Provide uniform standard in road and pavement width. Additional width will allow parking on both sides.

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