

Bylaw 7900 – Subdivision, Development and Servicing Bylaw Updates

July 27th, 2020

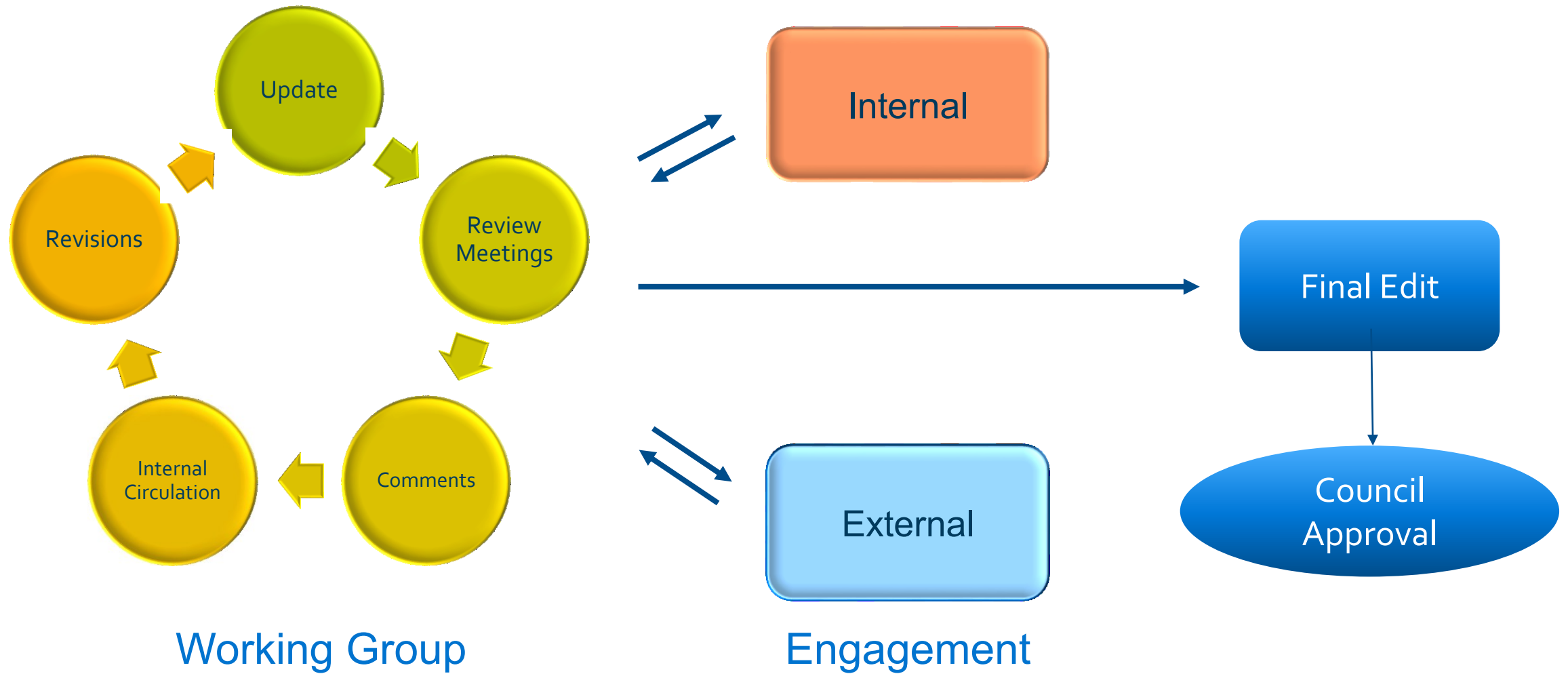
Subdivision, Development and Servicing (Bylaw 7900)

- ▶ Sets out subdivision application procedures
- ▶ Provides design and construction standards for works and services
 - ▶ Schedule 4 – Design Standards
 - ▶ Schedule 5 – Construction Standards
- ▶ Specify materials for infrastructure construction – Approved Products List (Policy 266)

Regular Bylaw Review and Updates Ensures...

- ▶ Alignment with industry best practice,
- ▶ Delivery of quality and long-lasting infrastructure,
- ▶ Consistent administration of standards.

Bylaw 7900 Working Group



Design and Construction Standards

- ✓ Water
- ✓ Sanitary Sewer
- ✓ Drainage
- ✓ Highway (Transportation)
- ✓ Roadway Lighting
- ✓ Traffic Signals
- ▶ Landscaping & Irrigation
- ▶ Hillside Development Standards

Transportation Design Standards

- ▶ 874 km of roads, 287 km of bike lanes, 442 km of sidewalks, 100 km shared-use
- ▶ Update references to current design guidelines
- ▶ Minor grammatical formatting
- ▶ Align with existing policies and best practice



Transportation Design Standards

- ▶ Roundabout consideration for intersections
 - ▶ Support the goals of the Community Climate Action Plan, reduce traffic delays and increase intersection safety performance.
- ▶ Road Safety Audit
 - ▶ To ensure significant investments in major roads consider safety outcomes, align with OCP policy 7.6.3 and current best practices.
- ▶ Clarified Cul-De-Sac length requirements
 - ▶ Clarify the maximum length of cul-de-sacs with and without secondary access points to improve public safety and emergency access.



Roadway Lighting Design Standards

- ▶ 14,000 street lights, most of which are now energy efficient LED technology
- ▶ Stand alone section added to Bylaw
- ▶ Ensure proper lighting for roadway and pedestrian safety
- ▶ Align with industry best practice (MMCD and TAC)



Traffic Signal Design Standards

- ▶ 125 signal locations, 672 signals, 45 ped. signals
- ▶ Stand-alone section to bylaw
- ▶ Details traffic signal design standards for intersection performance and safety
- ▶ Aligns with best practice (MMCD and TAC)




Schedule 5 – Construction Standards

- ▶ Add typical sewer lift station Standard Detail Drawings
- ▶ Add traffic signal and pedestrian flasher design drawings
- ▶ Aligns with industry best practices and City requirements for access, maintenance and safety provisions



Approved Products List - Policy 266

- ▶ Standard streetlight bases added to APL
- ▶ Consistent with Roadway Lighting Design standard.



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POLICY 266

Council Policy

Subdivision, Development & Servicing –
Approved Products List

APPROVED July 29, 2002

RESOLUTION: R874/18/09/17
REPLACING: R375/10/04/26; R602/09/05/25; R59/99/01/25; R651/00/07/24; R650/02/07/29
DATE OF LAST REVIEW: September 2018

This policy specifies the Approved Products to be used in the construction of Works and Services in the City of Kelowna. This list will be expanded and amended from time to time.

The purpose of the Policy is to:

- (a) Standardize the products used across the City;
- (b) To limit the number of certain products that can be used within the City, to ensure that staff is trained to maintain those items, and to limit the inventory necessary for maintenance;
- (c) To make it easier for contractors & suppliers to select products for use and minimize errors.

Next Steps

- ▶ Landscape and Irrigation Standards.
- ▶ Major update to Transportation Design Standards.



Questions?

