



Land Use & Environment Committee

Engineering Design and Development Standards Update

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Title

Engineering Design and Development Standards Update

Recommended Action

City Manager Recommendation:

Briefing only; no action required.

Report

Issue:

A briefing to the Land Use and Environment Committee on the status of the 2014 update to the Engineering Design and Development Standards.

Staff Contact:

Steve Sperr, P.E., Assistant City Engineer, Public Works Engineering, 360.753-8739

Presenter(s):

Steve Sperr, P.E. Assistant City Engineer, Public Works Engineering

Background and Analysis:

The Engineering Design and Development Standards (EDDS) are the technical standards used by the City and private developers to design and construct drinking water, reclaimed water, sewer, street, storm water, and solid waste collection systems. They are also the technical interpretation of the City's various Plans. The City Engineer is responsible for approving and administering the standards.

The EDDS are regularly reviewed and updated to address:

- changes in the Comprehensive Plan, Master Plans, Municipal Code or policy,
- changes in equipment and materials,
- improvements in technology, and
- correcting mistakes found in text and standard drawings

A comprehensive update to the EDDS was completed in 2013.

This year, the update will address changes in the Municipal Code, Sewer Master Plan and City policy already approved by City Council, as well as correct text and standard drawing notes, and update changes in equipment and materials. Highlights of this year's changes include;

- updates to bicycle facility requirements,
- requiring LED light standards instead of high pressure sodium (HPS), and
- updates to solid waste receptacle placement.

The attachments summarize all of the proposed changes that were compiled based on feedback from private development engineers as well as City staff. The attachments also outline the process for reviewing and finalizing the proposed changes.

More detailed changes to the EDDS are anticipated in 2015, addressing required Low Impact Development and transportation-related standards.

Neighborhood/Community Interests (if known):

The EDDS provide predictability and consistency in how the City's infrastructure is built. Making timely changes to the EDDS ensures that infrastructure installed meets the most current standards and builds the foundation for the City's vision. Information related to the proposed changes is available on the City webpage dedicated to the EDDS.

Options:

Not applicable at this time.

Financial Impact:

Other than the higher cost of LED street lights as compared to HPS, the proposed changes should not result in notable increases to project costs of private development or public work projects.

Attachments:

- Summary of proposed changes
- Schedule for Adoption of 2014 Updates to the Engineering Design and Development Standards