

STORMWATER MANAGEMENT DESIGN GUIDELINES – 2020

Capital Works

CITY OF BURLINGTON



1

BACKGROUND

- Drainage Manual – 1977
- Evolution of design standards since 1977
- Emergence of innovative technologies



2

THE ROAD TO NEW DESIGN STANDARDS

- External consulting services (Wood)
- Technical Advisory Committee
- Consultation during the development process



3

NOTEWORTHY UPDATES

- An integrated approach to stormwater management
- An evolving document
- Historical Rainfall Data



4

NOTEWORTHY UPDATES (Cont'd)

- Enhanced environmental protection
- Higher level of flood protection
- Low Impact Development



5

Treat it
where it
falls

Treat it
along
the
path

Treat it
before it
goes to
your
Lake



6



CONCLUSION

- Climate Change Adaptation
- Stormwater Best Management Practices
- Questions