

URBAN STORM DRAINAGE CRITERIA MANUAL

SUMMARY OF CHANGES TO VOLUME 2 AND DISCLAIMER

HYDRAULIC STRUCTURES

- 1.0 USE OF STRUCTURES IN DRAINAGE
- 2.0 CHANNEL GRADE CONTROL STRUCTURES (CHECK AND DROP STRUCTURES)
- 3.0 CONDUIT OUTLET STRUCTURES
- 4.0 BRIDGES
- 5.0 TRANSITIONS AND CONSTRICTIONS
- 6.0 BENDS AND CONFLUENCES
- 7.0 RUNDOWNS
- 8.0 MAINTENANCE
- 9.0 RETROFITTING BOATABLE DROPS
- 10.0 STRUCTURE AESTHETICS, SAFETY AND ENVIRONMENTAL IMPACT
- 11.0 CHECKLIST
- 12.0 REFERENCES

CULVERTS

- 1.0 INTRODUCTION AND OVERVIEW
- 2.0 CULVERT HYDRAULICS
- 3.0 CULVERT SIZING AND DESIGN
- 4.0 CULVERT INLETS
- 5.0 INLET PROTECTION
- 6.0 OUTLET PROTECTION
- 7.0 GENERAL CONSIDERATIONS
- 8.0 TRASH/SAFETY RACKS
- 9.0 DESIGN EXAMPLE
- 10.0 CHECKLIST
- 11.0 CAPACITY CHARTS AND NOMOGRAPHS
- 12.0 REFERENCES

STORAGE

- 1.0 OVERVIEW
- 2.0 APPLICATION OF DIFFERENT TYPES OF STORAGE
- 3.0 HYDROLOGIC AND HYDRAULIC DESIGN BASI
- 4.0 FINAL DESIGN CONSIDERATIONS
- 5.0 CRITERIA FOR DISTRICT MAINTENANCE ELIGIBILITY
- 6.0 DESIGN EXAMPLES
- 7.0 CHECKLIST
- 8.0 REFERENCES

FLOOD PROOFING

- 1.0 FLOOD PROOFING
- 2.0 WHEN TO FLOOD PROOF
- 3.0 FLOOD PROOFING METHODS
- 4.0 PROVIDING ASSISTANCE TO PROPERTY OWNERS

REVEGETATION

- 1.0 INTRODUCTION
- 2.0 SCOPE OF THIS CHAPTER AND RELATION TO OTHER RELEVANT DOCUMENTS
- 3.0 GENERAL GUIDELINES FOR REVEGETATION
- 4.0 PREPARATION OF A PLANTING PLAN
- 5.0 POST-CONSTRUCTION MONITORING
- 6.0 REFERENCES

DESIGN EXAMPLES

- 1.0 INTRODUCTION
- 2.0 CASE STUDY—STAPLETON REDEVELOPMENT
- 3.0 CASE STUDY—WILLOW CREEK
- 4.0 CASE STUDY—ROCK CREEK
- 5.0 CASE STUDY—SAND CREEK
- 6.0 CASE STUDY— GOLDSMITH GULCH
- 7.0 CASE STUDY—GREENWOOD GULCH
- 8.0 CASE STUDY—LENA GULCH DROP STRUCTURE