

**NOTICE OF REVISIONS TO
CITY OF AUBURN ENGINEERING DESIGN AND
CONSTRUCTION STANDARDS
EFFECTIVE DATE 01/06/2020**

The City of Auburn Engineering Design Standards and Engineering Construction Standards (Part 1 – Special Provisions, Part 2 – Standard Details, and the City of Auburn Surface Water Management Manual (SWMM)) have been revised as indicated below and re-issued. The effective versions are no longer being distributed as hardcopies and are available electronically on the City’s website at:

https://www.auburnwa.gov/city_hall/public_works/publications_forms

In accordance with ACC 12.04.040 the standards have been filed with the City of Auburn City Clerk for use and examination.

Summary of Revisions:

Design Standards

- Minor revisions and corrections made throughout
- 1.01 (Definitions); updated the definition of an Alley and Dead End Street
- 1.01 (Definitions); added a definition for ‘Neighborhood’
- 2.03.1 (Submittals); updated the fee schedule for FAC’s
- 2.03.3 (Plan Approval); added language to allow for electronic submittals
- 2.03.4 (Project Close Out); modified language to allow for electronic record drawings
- 3.01 (General Requirements); added bulletpoint H pertaining to requirements about minor grading permits
- 3.04.1 (Cover Sheet); added some clarifying language to bulletpoints P, U, and V
- Appendix A; updated and cleaned up numerous signature blocks
- Appendix B; added a note about Double Check Valve Assemblies under the cross connection control notes section
- Appendix D; added a topographic map checklist
- Appendix E; Minor Grading Permit Criteria added
- 7.01.1.1; added a statement about a fire line connection to bulletpoint C
- 7.01.3.2; clarified requirements for an utility easement access road under bulletpoint E
- 7.01.4.1; modified entire section

- 7.01.4.4; added bulletpoint G pertaining to backflow prevention device locations
- 7.01.6.1; added a figure to bulletpoint J pertaining to distance to fire hydrants
- 7.01.6.2; added clarifications to the bulleted list of requirements
- 8.01.2; added clarification to the horizontal distance requirements from structures
- 8.01.3; updated the list of approved materials for use on City sanitary sewer systems
- 8.02.2; added separation from structures to the list of requirements and updated manhole locations language on sloped streets
- 8.02.3; moved language discussing slopes of pipes entering and exiting manholes from 8.02.2 to this list of requirements
- 9.03.1; updated section by adding clarifying language referencing underground facilities and added language about possible deferral of trench/overlay restoration requirements
- 9.03.3; added language that may allow trench restoration/overlay of multiple locations to be combined as a single project or in a program
- 9.04; added language regarding concealment of wireless and radio facilities
- 10.00.1; added language discussing half street improvements required in alleys
- 10.01.5; clarified requirement for asphalt wedge curbs
- 10.02.4; modified vertical grade increases up to 10% to be a deviation request
- 10.02.5; deleted sag vertical curve formula as it is in the AASHTO book
- 10.02.10.1; modified entire section
- 10.02.10.3; modified entire section
- 10.03; removed sight distance figures
- 10.04.3; updated requirements for upgrading and replacing driveways
- 10.04.3.3; added language pertaining to gates across driveways
- 10.05.4; updated language pertaining to upgrading and replacing curb ramps
- 10.07.1.2; added asterisk to Table 10-5 pertaining to engineered pavement design minimum pavement thicknesses
- 10.07.2; updated language pertaining to minimum pavement thicknesses for principal arterials

- 10.07.5; modified entire section
- 10.11; added language pertaining to when a Department of Natural Resources permit is required
- 10.15.5.2; modified entire section
- 10.15.7; added reference to City standard detail for Type III barricades
- 10.16.2; added queue analysis to list of included items for a Traffic Impact Analysis

Construction Standards – Part 1, Special Provisions

- Minor revisions and corrections made throughout
- Section 1-05.18 (Construction Record Drawings); added language allowing Construction Record Drawings to be electronic and made minor revisions to the list of items to be identified on the Construction Record Drawings for deviations to the plans
- Section 1-06.1 (Approval of Materials Prior to Use); updated the fees for additional review costs to be consistent with state specs
- Section 1-08.0(1) (Preconstruction Conference); modified section to mention the emergency call list and preliminary schedule of submittals shall be submitted electronically 1 day prior to preconstruction conference
- Section 2-07.4(1) (Water from City Hydrants); updated the fee schedule
- Section 5-04 (Hot Mix Asphalt); replaced this entire section with a new section based on the APWA special provision
- Section 7-04.2 (Materials); updated the list of approved materials for use on City storm sewers
- 7-17.3(2)H (Television Inspection); updated the requirements for the camera used for inspections and delivery of the inspection information
- 8-01 (Erosion Control and Water Pollution Control); updated section to be consistent with recent changes to the 2020 WSDOT standard specifications
- 8-02 (Roadside Restoration); updated section to be consistent with recent changes to the 2020 WSDOT standard specifications
- 9-30.3(3) (Butterfly Valves); supplemented this section to be consistent with City standards which is to use butterfly valves on water mains 14 inch and larger
- 9-30.5 (Hydrants); updated list of approved fire hydrants
- 9-38.1(1) (Submittal Transmittal Procedures); updated section to require submittals to be processed electronically

Construction Standards – Part 2, Standard Details

- The following details have been revised or added:
 1. G-01.3 Banner Detail
 2. S-04.3 24" Dia. Manhole Frame and Cover
 3. S-09.2 Flow Restrictor
 4. S-09a.2 Flow Restrictor
 5. T-01.3 Typical Pipe Trench Backfill
 6. T-02.2 Existing Roadway Restoration of Utility Trenches
 7. T-02a.1 Existing Roadway Restoration of Utility Trenches in Intersection
 8. T-04.4 Driveway Widths and Location
 9. T-37.3 Street Lighting Lamp Schedule
 10. T-42.1 Speed Cushion Detail
 11. T-42a.1 Speed Cushion Plan
 12. T-43.1 Downtown Pedestrian Crosswalk
 13. T-44.1 Downtown Brick Paver Band
 14. T-45.1 Typical Traffic Barricades
 15. T-46.1 Poured in Place Monument Type A Modified
 16. W-02.2 Typical Air and Vacuum Relief Valve Detail
 17. W-03.2 2" Permanent Blow Off Assembly
 18. W-04.2 Temporary Blow Off Detail
 19. W-05.2 Water Sampling Stationing Detail
 20. W-09.3 2" Fire Sprinkler Lines With ¾" to 2" Domestic Service Line
 21. W-13.3 ¾" & 1" Water Meter Installation
 22. W-16.2 3" or Larger Water Meter Installation
 23. W-16a.3 3" or Larger Water Meter Installation
 24. W-18.3 C.I. Valve Box Top & Valve Box Cover

City of Auburn Surface Water Management Manual

General

- Minor revisions and corrections made throughout
- Updated references to Community Development and Public Works Departments throughout entire manual

Volume I

- 2.2; clarified what minimum requirements are needed for expanding or replacing sidewalk
- 2.5.7; added a clarifying note about the Green River in Cowlitz County
- Appendix I-I; added a statement under T5.30 regarding providing a copy of the conservation easement agreement
- Appendix I-K; added requirement to provide a turnaround at the end of access roads

Volume II

- Updated standard details references throughout document

Volume III

- 3.2; removed entire paragraph indicating detention facilities shall be detention ponds
- 3.2.1; updated entire general section under the design criteria and added language to the side slopes section pertaining to free-standing pond wall and the pond perimeter walls
- 3.2.3; modified entire section allowing publicly owned and maintained detention vaults
- Appendix III-C; added language pertaining to synthetic turf

Volume V

- Chapter 12; added paragraph pertaining to all section of Chapter 12 regarding emerging technologies on private projects