

# Water and Sewer Design Manual V3.1 Changes

This update to the design manual is to incorporate further changes and corrections from V3.0

- Sections [2 D.5.m](#) and [3 D.5.l](#) had wording added to also draw 24" or larger gas lines with double lines.
- Section [3 D.3.l](#) changed double line for sewers from 21" to 24" to be consistent with the rest of the manual.
- Changed wording in [3 D.5.e](#) to be the same as 2 D.5.f regarding cover and how it calculated and shown on the plans.
- Section [8 B.3](#) Increased partial payment to 75% of the design fee once preliminary design plans have been submitted to the Water Department
- Section [8 B.6](#) text on hourly invoicing updated to include a list of required items to submit with each invoice.
- [Appendix Ia](#) Flow Chart text corrected to reflect current procedure for GSI review.
- Appendix [IIc](#) and [IIId](#) had Water and Sewer sample title blocks to be more representative.
- [Appendix IIIi](#) Standard Water Notes had two additional notes added where applicable.
- [Appendix IIIa](#) Water Quantities Input Sheet and [Appendix VII](#) updated with corrected fitting weights.
- Updated Final Design Package Checklist in [Appendix IIIf](#) to include the Roadway Grading Plan, Curb Ramp Designs, Quantities Verification, and Project Summaries. Removed hard copies of prints and specification from checklist.
- [Appendix IIIi](#) Project Status Summary Sheet updated with new completion percent at submittals. PWD Review is now 50% submittal, and Utility review is 70% submittal.
- Quantities Verification Sheet added as [Appendix IIIj](#).
- Appendix IVg PGW Agreement had slopes corrected from 1:2 to 2:1 in [Figure 1](#) and [Figure 2](#).
- Added Roadway Grading Plan Procedure as [Appendix IVh](#).
- Revised Roadway Grading Plan in [Appendix IXe](#).
- Appendix [IXa](#), [IXb](#), and [IXc](#) were updated to include changes made in this update to the manual.
- Contact Information removed from Section 6, Section 8, and Appendix VI and moved into a [separate document](#) on the website.
- Changed version number and issue date to correspond to new release.