EST 1808
CITY OF
DELAWARE
OHIO

ENGINEERING STANDARDS UPDATE
DISPOSITION OF CHANGES

Design Manual

- Chapter 12 Street Lighting Standards
  - The prior requirement for street lighting to be provided along all public streets is being changed. On 25-mph streets, the new standard only requires lighting at intersections, mid-block crossings, and other locations as required by the City Engineer. The requirement for lighting along the entire length of a street remains the same for streets with speeds greater than 25-mph.
  - Added a requirement for each single-family lot along 25-mph streets to include a residential post lamp to be owned and maintained by the property owner.
  - Other miscellaneous edits to reflect revised street lighting requirements for 25-mph streets.
  - Added a paragraph for private development street lighting, to include the long-standing practice in the standards.
- Chapter 16 Stormwater Quality Regulations
  - Revised stormwater quality requirements in conjunction with revised Ohio EPA Permit No. OHC000006 (construction stormwater permit) issued on June 1, 2023. The chapter includes city-specific requirements used in previous generations of the permit. This chapter has been in use since 2023 when the new Ohio EPA permit was issued.

Standard Drawings

- GEN-1.0 Land Development Projects Signature Block
  - Revised the city personnel who provide approval signature on plans.
- WTRD-9.0 Typical Hydrant Setting Type "A"
  - Added a requirement for a dry well at the hydrant drain.
- WTRD-10.0 Special Hydrant Settings Type "B" and "B" Modified
  - Added a requirement for a dry well at the hydrant drain.
- RDWD-18.1 Pavement Repair and Backfill within Right-of-Way
  - No changes to this drawing, but date was revised to accompany RDWD-18.2.
- RDWD-18.2 Standard Pavement Repair Notes
  - Revisions have been used in practice since 6/8/2020.
  - Revised note 2 to reference RDWD-19.1 for the definition of pavement influence.
  - Revised note 3 to correct a typographical error.
  - Revised note 4 to update the reference to Item 613, Low Strength Mortar Backfill, which was formerly referred to as Flowable Controlled Density Fill.
  - Revised note 7 to allow Type FS concrete.
  - Revised note 8 to require restoration within 30-days of completing the work.

  - Added note 16 to reference City of Columbus standard drawings 1441 for requirements to mill and overlay pavement where multiple excavations are performed in the same vicinity.
- RDWD-19.1 Standard Sidewalk Specifications
  - Changed aggregate base material from No. 57 stone to Item 304 Compacted Aggregate Base.
- RDWD-19.2 Integral Curb & Walk
  - Changed aggregate base material from No. 57 stone to Item 304 Compacted Aggregate Base. Use of No. 57 stone remains for isolated repairs.
  - Changed the minimum sidewalk width from 4-ft to 5-ft.
- RDWD-19.4 ADA Compliant Curb Ramp
  - Changed the name from "ADA Compliant Wheelchair Ramp" to "ADA Compliant Curb Ramp".
  - Changed the landing and ramp minimum dimension from 4-ft to 5-ft to match City practices and minimum sidewalk width of 5-ft.
  - Changed aggregate base material from No. 57 stone to Item 304 Compacted Aggregate Base.
- RDWD-34.1 Light Fixtures for Residential and Collector Street Lighting
  - Revisions have been used in practice since 2020.
  - Updated street lighting luminaire to match currently available product.
  - Added clarification that all street lighting is to be a designed system.
- RDWD-34.2 Electrical Installation Requirements for Residential Street Lighting
  - Note 1a was revised to remove cable in duct as an allowable conduit. This revision has been used in practice since 2019.
  - A typographical error was corrected in Note 2e. The length of grounding rod was changed from 8-inches to 8-feet.
- ERSD-3.0 Standard Construction Entrance
  - Increased the minimum length of the construction entrance to 70-ft to conform with Ohio Environmental Protection Agency requirements.
  - Added stipulations to grade the drive away from the entrance and for installation of a drive culvert when needed to maintain drainage.
- ERSD-4.0 Temporary Seeding & Mulching Chart
  - Corrected a typographical error in the title block.

Supplemental Specifications

- Supplemental Specification 1301 Asphalt Emulsion Pavement Sealant
  - New City supplemental specification for pavement sealant.