

# Summary of Draft Revisions to Standard Details

For September 30, 2024 Review

## Notes:

Green highlight indicates draft new standard details to go through the external review\* process.

Turquoise highlight indicates draft revised standard details to go through the external review\* process.

\* Including analysis of comments received by appropriate members of a multi-departmental interdisciplinary team.

### **G-9 Pavement / Surface Replacement Details:**

Revised note 4 to change use of controlled low strength material to backfill all trenches from 18 IN. or narrower, to 22 IN. or narrower in the right-of-way and public easements.

### **G-10 Trench Backfill Guidelines:**

Revised note 6 to change use of controlled low strength material to backfill all trenches from 18 IN. or narrower, to 22 IN. or narrower in public easements.

### **G-18 Railroad Crossing Bore Details:**

Replaces W-30 of same title to accommodate a variety of infrastructure.

### **G-19 Bore Detail:**

Replaces W-31 of same title to accommodate a variety of infrastructure.

### **G-20 Pipe Through Casing Detail:**

Replaces W-32 of same title to accommodate a variety of infrastructure.

### **S-1 Sanitary Sewer General Notes and Service Tap Notes:**

Revised note 19. to include warning tape for force mains in accordance with Texas Administrative Code Title 30 Environmental Quality Part 1 TCEQ Chapter 217 Design Criteria for Domestic Wastewater Systems Subchapter C Conventional Collection Systems Ruyle §217.66 Identification of Force Main Pipes.

### **SW-1 Sidewalk General Notes:**

Revised note 12 to include, "however, for a shared use path the width of the ramp shall equal the width of the shared use path." Added note, "No skewed angles are allowed where sidewalk meets landing, where landing meets ramp, and where perpendicular curb ramp meets curb."

### **SW-5 Curb Ramps General Notes – 1 of 2:**

Revised note 17 to include SW-8.

### **SW-6 Curb Ramps General Notes – 2 of 2:**

Revised note 6 to include SW-8.

### **SW-22 Sidewalk Scupper Type 1:**

Revised note 5 to require concrete for sidewalk scupper and new curb and gutter be placed monolithically.

### **SW-23 Sidewalk Scupper Type 2:**

Revised note 5 to require concrete for sidewalk scupper and new curb and gutter be placed monolithically.

### **SD-1 Stormwater Drainage – General Notes:**

Revised note 23 to include for Precast Area Zone Drain Within Clear Zone (PAZD-CZ) and added reference to new SD-17 Precast Area Zone Drain Cast-In-Place Reinforced Concrete Apron.

### **SD-17 Precast Area Zone Drain Cast-In-Place Reinforced Concrete Apron:**

Provides Standard Detail for Cast-In-Place Reinforced Concrete Apron for Precast Area Zone Drain (PAZD) and Precast Area Zone Drain Within Clear Zone (PAZD-CZ) referenced in SD-1 note 23.

### **ST-1 Street - General Notes:**

Added note regarding placement and replacement of curb and gutter. Added a note regarding placement of a stamped "S" and "W" in new curb and gutter for new and existing sanitary sewer and water services respectively. Revised last heading for consistency with the various civil infrastructure appurtenances listed in note.

### **ST-2A Local Street Section:**

Added the suffix "A" to alpha numeric designator. Added note referencing ST-20A for material to be placed behind curb for clarity.

### **ST-2B Subdivision Ordinance Sec. 5.206. Local Street Section:**

New Standard Detail providing local street section per subdivision Ordinance Sec. SEC. 5.2. – Permanent Improvements 5.206. Curb And Gutter. This local street section may only be used for streets in a subdivision where all lots are at least one acre in area, have at least 150 FT. of street frontage, and are intended for single-family residential use only.

### **ST-15 Standard Curb And Gutter Details:**

Added note regarding placement and replacement of standard curb and gutter.

### **ST-16 Ribbon Curb Detail:**

Added note regarding placement and replacement of ribbon curb.

### **ST-17 Mountable Curb And Gutter Details:**

Added note regarding placement and replacement of mountable curb and gutter.

### **ST-19 Standard Concrete Valley:**

Revised width of valley section and corresponding location of flow line.

### **ST-20B Ribbon Curb Placement And Replacement Details:**

Provides details for placement and replacement of ribbon curb.

### **ST-20C Mountable Curb & Gutter Placement And Replacement Details:**

Provides details for placement and replacement of mountable curb & gutter.

### **ST-44 Joint And Transition Details For Asphalt Pavement:**

Added table. Added note regarding any other milling of edges.

### **ST-45 Manhole Lid Height Adjustment Or Replacement (Preservation Work Only):**

New Standard Detail providing manhole ring and cover adjustment and replacement details for use on preservation projects only.

### **ST-46 Gate Valve Box Adjustment or Replacement (Preservation Work Only):**

New Standard Detail providing gate valve box adjustment and replacement details for use on preservation projects only.

### **ST-47 Seal Coat Surfacing For Developer Projects:**

Provides for asphalt and aggregate requirements for Developer Projects. Use requires modification by Engineer of Record and approval by the City.

### **W-10 Bullhead Water Meter Connection:**

Added note, "Bullhead water meter connections are only allowed for a domestic and irrigation combination service serving a single lot."

### **W-22 Air Release Valve And Manhole Vault (Off Street):**

Added note, "Air vent discharge shall not be located in existing/proposed sidewalk or shared use path." Clarified slope of pipe/tubing.

### **W-23 Air Release Valve And Manhole Vault (In Street):**

Added note, "Air vent discharge shall not be located in existing/proposed sidewalk or shared use path." Revised location of connection of pipe/tubing to corporation stop/gate valve. Clarified slope of pipe/tubing.

### **W-37 Embedment For New Stormwater Drainage Conduit Or Franchise Utility Line Crossing Over New Or Existing Water Line:**

Revised note 5 blocking referenced details. Revised graphics slightly to ensure consistency with notes 2 and 7.