**SPP00759 (01-01-21) *(This section requires SP00440.)***

***(Follow all instructions. If there are no instructions above a subsection, paragraph, sentence or bullet, then include them in the project but make necessary modifications to only include project specific specifications. Delete specifications that do not apply to the project. Remove all instructions before preparing the final document.)***

***(Note to Spec Writer: No other color than yellow for the truncated domes may be used without approval by the City Engineer. White may be approved if a maintenance agreement is in place to keep the truncated domes clean, such as the Transit Mall.)***

### **Section 00759 - Miscellaneous Portland Cement Concrete Structures**

Comply with section 00759 of the Standard Construction Specifications modified as follows:

***(Use the following subsection .00 on projects that retrofit existing sidewalks or existing sidewalk ramps with new sidewalk ramps. Do not use on projects that have other new sidewalk construction.)***

**00759.00 Scope** -Add the following:

This work includes removing existing concrete walks and curbs and constructing new commercial grade concrete sidewalk ramps with curbs.

***(Use on BES Projects. Use the following except for installations against buildings and structures like pole footings, driveways, sidewalk corners or other locations to make future removal easier. Consider options for installations involving water quality facilities.)***

**00759.44 Joining New to Existing Concrete** - Replace the last sentence with the following:

Unless otherwise shown or directed, use contraction joints according to section 00759.49.for abutting flat work. Furnish and install minimum ½-inch thick pre-formed expansion joint filler between new work and existing retaining walls, stairs, or footings.

**00759.50 Surface Finishing** – Add the following to the end of subsection 759.50(a) General:

Score concrete into squares or other shapes to match markings on similar existing surfaces in the vicinity, as shown on scoring plan. Unless otherwise specified, score concrete with a “dummy joint” with a ¼” edge radius and joint width of ⅛” to ¼” to a depth of ⅜” minimum.

***(Use the following subsection ONLY when following ODOT practices of measuring the face of curb in the area basis and have ODOT Standard Dwg RD720 – Sidewalks in your contract documents. Note: most City projects should just measure horizontal neat lines per PBOT Standard Dwg. P-551, Sidewalks).***

**00759.80 Measurement** – Replace the **(b)** **Area Basis** with the following:

1. **Area Basis** - Measurement will be limited to the neat lines of the structure. Monolithic curb and sidewalk measurement will include the curb exposure as shown in the Contract Documents or directed. Monolithic curb, gutter, and sidewalk measurement will include the curb exposure and horizontal gutter dimension as designed or directed. No reduction of measurement will be made for reduced curb exposure required for ramps or ramp wings.

***(Use the following subsection .90 when adding pay items. Delete items that do not apply. Include pay item (m) on projects that have only retrofitting existing sidewalks or existing sidewalk ramps with new sidewalk ramps. Do not use pay item (m) on projects that have any other new sidewalk construction. Use pay items (o) thru (r) when the different driveway types are identified on the plans. For projects using both Monolithic Curb and Sidewalk and Monolithic Curb Gutter and Sidewalks, use only pay item (f). If project only has Monolithic Curb Gutter and Sidewalk, use pay item (s).***

**00759.90 Payment** - Add the following pay items:

 **Pay Item Unit of Measurement**

 (p) Concrete Sidewalk Ramps Each

 (q) Monolithic Curb and Driveways Square Foot

 (r) Monolithic Curb and Gutter Driveways Square Foot

 (s) Monolithic Curb and Driveways, reinforced Square Foot

 (t) Monolithic Curb Gutter and Driveways, reinforced Square Foot

 (u) Monolithic Curb Gutter and Sidewalks Square Foot

***(Use the following paragraphs when pay item (p) is included in the project.)***

Delete the paragraph that reads "Items (e) and (f) include sidewalk ramps."

Add the following paragraph:

Item (p) includes saw cutting and removing existing concrete walks, curbs, or ramps, and replacing them with new sidewalk ramps and curbs.

***(Use the following if your project has monolithic curb, gutter and sidewalk that are paid under pay item (f) Monolithic Curb and Sidewalk and pay item (u) is not used.)***

Add the following:

Item (f) includes Monolithic Curb, Gutter, and Sidewalks.