CURBING

The Standard Specifications are revised as follows:

SECTION 605, BEGIN LINE 12, DELETE AND INSERT AS FOLLOWS:

Coarse Aggregate, Class D or Higher, ~~size~~ *Size* No. 53 ... 904~~.02~~
Concrete ..... ~~702~~ *502*
Joint Materials 906
Joint Mortar 906.03
Precast Concrete Curbing 913.05
Reinforcing Steel 910.01

~~Concrete used to construct curb or combination curb and gutter shall incorporate Class AP, size No. 8 for its coarse aggregate.~~

SECTION 605, BEGIN LINE 58, DELETE AND INSERT AS FOLLOWS:

(c) Proportioning and Placing. Concrete shall be proportioned, mixed, and placed in accordance with ~~the requirements for the class of concrete specified~~ *502*. Where integral curb and gutter is specified, that portion of the curb below the upper surface elevation of the adjoining pavement shall be constructed by extending the pavement to the outer vertical plane of the curb at the time the pavement is placed. The concrete used in this extension shall be the same composition as that of the pavement.

~~The upper portion of the curb shall be of class A concrete in accordance with in 702.~~ After the concrete for the upper portion is placed in the forms, it shall be tamped and spaded or vibrated until mortar entirely covers the surface. The top shall be floated smooth and the outer upper corner rounded to a 6 mm (0.25 in.) radius.

The face and top of the curb, integral curb, *and* gutter~~, and sidewalk~~ shall be checked with a 3 m (10 ft) straight edge. Portions showing irregularities of 6 mm (0.25 in.) or more shall be removed and replaced.

SECTION 605, BEGIN LINE 87, DELETE AND INSERT AS FOLLOWS:

(e) Joints. ~~Where the adjacent pavement contains joints, such joints shall be continued through integral curb. Pavement contraction joints shall be carried through integral curb with preformed joint material 6 mm (0.25 in.) thick, shall be in accordance with the cross section of the curb, and shall be set perpendicular to the face and top of the curb. Preformed expansion joints shall be placed at the beginning and end of all curb returns and also at castings~~ *Joints in integral curbs shall be located at joints in adjoining PCCP. The joints shall be saw cut or formed with 6 mm (0.25 in.) thick preformed joint material. Joint sealant is not required for joints in integral curbs.*

Curbing not constructed integral with adjacent pavement shall be constructed with intermediate joints located at 3 m (10 ft) intervals. These joints may be sawed or formed with metal separator plates, and the depth and width shall be in accordance with the plans. ~~Preformed expansion joints, 6 mm (0.25 in.) thick, shall be placed at the beginning and end of all curb returns and also at castings.~~

Preformed expansion joints, 6 mm (0.25 in.) thick, shall be placed at the beginning and end of all curb returns and also at castings.

SECTION 605, BEGIN LINE 111, DELETE AS FOLLOWS:

~~**(i) Integral Curb Walk.** If integral curb walk is specified, it shall be constructed as shown on the plans using class A concrete in accordance with 702. Reinforcing steel shall be in accordance with 703.~~

SECTION 605, BEGIN LINE 131, DELETE AS FOLLOWS:

605.06 ~~Cement~~ Concrete Center Curbing. The subgrade shall be prepared the same as for the adjoining pavement. If subbase is provided for the adjoining pavement, it shall be carried through for the full width of the curb and at the same thickness as that for the pavement.

~~Class A concrete in accordance with 702 shall be used.~~

The temperature limitations of ~~501.10~~ *502.11* shall apply to placing the concrete. The surface shall be troweled smooth with a metal trowel. Curing shall be in accordance with ~~501.17~~ *504.04*.

Forms shall be removed within 24 h after the concrete has been placed. Plane surfaces and exposed sides of the curb shall be checked with a 3 m (10 ft) straightedge. Portions showing irregularities of 6 mm (0.25 in.) or more shall be removed and replaced in compliance with these specifications.

~~If adjacent to cement concrete pavement, 10 mm (3/8 in.) expansion joints shall be placed through the center curb opposite contraction joints in the pavement. If adjacent to asphalt pavement, 10 mm (3/8 in.) expansion joints shall be spaced at 12 m (40 ft) intervals. The material used shall be in accordance with 906. Intermediate joints, 8 mm (1/3 in.) in depth, shall be placed at 6 m (20 ft) intervals.~~

Joints in center curbs adjacent to PCCP shall be aligned with joints in adjoining PCCP. Joints in center curbs adjacent to asphalt shall be spaced at 15.5 m (18 ft) maximum. The joints shall be saw cut or formed with 6 mm (0.25 in.) thick preformed joint material. Joint sealant is not required for joints in center curbs.

Where an expansion joint is constructed in ~~cement concrete pavement~~ *PCCP* adjacent to concrete center curb, the expansion joint shall be carried through the center curb in accordance with applicable requirements of 501.14(c).

SECTION 605, BEGIN LINE 227, DELETE AS FOLLOWS:

605.09 Method of Measurement. Curbing, both new and reset, and curb removal will be measured by the meter (linear foot) along the front face of the section at the finished grade elevation. Combined curb and gutter will be measured along the face of the curb. Curb turnout will be measured longitudinally by the meter (linear foot) as curb of the type specified, from the ends of the radii which touch the front face of the longitudinal curb portion. Combined curb and

gutter turnout will be measured longitudinally by the meter (linear foot) as curb and gutter of the type specified, from the ends of the radii which touch the front face of the longitudinal curb portion. No deduction in length will be made for drainage structures installed in the curbing such as catch basins or drop inlets. Concrete center curb will be measured by the meter (linear foot), unless it is of variable width, in which case measurement will be by the square meter (square yard). ~~Integral curb walk will not be measured for payment. The quantity to be paid for will be that shown on the plans. Reinforcing steel for integral curb walk will be measured in accordance with 501.25.~~

SECTION 605, BEGIN LINE 250, DELETE AS FOLLOWS:

~~Integral curb walk will be paid for at the contract unit price per cubic meter (cubic yard) for concrete, A, structures for the quantity shown on the plans.~~

~~Reinforcing steel for integral curb walk will be paid for in accordance with 501.26. The portion of expansion joint contained in the center curb will be paid for in accordance with 501.26.~~