

1 Amend **Section 650 - Wheelchair Ramps** to read as follows:

2
3 **"SECTION 650 - CURB RAMPS**

4
5 **650.01 Description.** This section is for constructing curb ramps for persons
6 with disabilities at existing or new sidewalk locations according to the contract.

7
8 **650.02 Materials.** Materials shall conform to the following:

9
10 Bed Course Material for Sidewalks and Curbing 703.16(A)

11
12 Joint Fillers 705.01

13
14 Reinforcing Steel 709.01

15
16 Concrete shall conform to Section 601 - Structural Concrete and shall be
17 Class A.

18
19 Materials will be subject to inspection for acceptance as to condition at the
20 latest practicable time the Engineer has the opportunity to check for compliance
21 before or during incorporation of materials in the work.

22
23 **650.03 Construction Requirements.** Subsection 608.03(A) - Concrete
24 Sidewalk and below shall apply to curb ramp construction requirements.

25
26 All curb ramps require reinforcement.

27
28 The Contractor shall require construction joint if the curb ramps join existing
29 or new sidewalks and if curb ramp aprons abut drop curbs or gutters.

30
31 Demolition of existing curb and sidewalk shall conform to Section 202 -
32 Removal of Structures and Obstructions.

33
34 Special drop curbs for curb ramps shall conform to Section 609 - Curb and/or
35 Gutter.

36
37 The face of special drop curbs shall conform to the face of abutting curbs.

38
39 The profiles of curb ramps shall be such that their lower points conform to
40 the grade of abutting edge of pavement or inverts of adjacent gutters, as
41 applicable.

42
43 Detectable warnings shall be 24 inches in the direction of travel and extend
44 the full width of the curb ramp or flush surface. Truncated domes shall have a
45 diameter of 0.9 inch at the bottom, a diameter of 0.4 inch at the top, a height of 0.2
46 inch and a center to center spacing of 2.35 inches measured along one side of a

56A-01-04M

650-1a

3/19/04

1 square arrangement. Domes shall be aligned on a square grid in the predominant
2 direction of travel to permit wheels to roll between the domes. There shall be a
3 minimum of 70 percent contrast in light reflectance between the detectable warning
4 and an adjoining surface, or the detectable warning shall be 'safety yellow'. The
5 material used to provide visual contrast shall be an integral part of the detectable
6 warning surface. The detectable warning shall be located so that the edge nearest
7 the curb line or other potential hazard is 6 to 8 inches from the curb line or other
8 potential hazard.

9
10 **650.04 Method of Measurement.** The Engineer will measure curb ramps per
11 each complete in place. Each curb ramp includes detectable warning devices,
12 transitions, sidewalks and the curb layout as shown in the contract documents.

13
14 **650.05 Basis of Payment.** The Engineer will pay for the accepted curb ramps
15 at the contract unit price per each complete in place.

16
17 The price includes full compensation for demolishing the existing sidewalk,
18 curb, gutter, driveway and curb ramp; excavating; backfilling; installing
19 reinforcing steel, concrete expansion joint materials, construction joints, special
20 drop curbs or gutter or both, property side standard curb; furnishing and placing
21 the concrete for the curb ramps including sidewalks and transitions; preparing the
22 surface; furnishing and installing detectable warning devices, and bed course
23 material; and furnishing labor, materials, equipment, tools, and incidentals
24 necessary to complete the work.

25
26 The Engineer will make payment under:

27	28 Pay Item	29	30 Pay Unit
31	Curb Ramp No. _____	32	Each"

33
34
35 **END OF SECTION**
36
37