

47 inch, 1-inch, 5/8-inch, 1-1/8-inch, and 3/4-inch, in six-inch repetitions across the
48 width to be grooved, in one pass of the mechanical saw device. If the machine is
49 not able to groove the width in one pass, it shall match the pattern exactly and no
50 joint shall be visible. One six-inch sequence may be adjusted by 1/4 sequence
51 increments, to accommodate various cutting head widths, provided the general
52 pattern is carried out. The tolerance for the width of the grooves is 0 to +0.05-
53 inch. (i.e., the maximum groove width shall be 0.145-inch wide and the minimum
54 groove width shall be 0.095-inch wide) and the tolerance for the depth of the
55 grooves is +/- 1/16-inch. The tolerance for the spacing of the grooves is +1/4-
56 inch at the exterior curves, between passes; this will be allowed to accommodate
57 any bridge curvature.

58

59 If grooves cannot be cut in a continuous longitudinal operation, the
60 continuation of grooves shall be aligned such that joints are not visible. If, after
61 the initial grooving, it is discovered that there are portions of the surface that
62 remain ungrooved, the Contractor shall groove these areas based on a remedial
63 plan accepted by the Engineer.

64

65 Before grooves are cut into the accepted hardened concrete, a final
66 straight edging and corrective work, if required, shall be done by the Contractor.
67 Grooves shall be cut continuously and parallel to the bridge railings and roadway
68 baseline. Grooving shall be done after the concrete has attained sufficient
69 strength to prevent spalling and releveling, and before the structure is opened to
70 traffic.

71

72 A working drawing to control, collect and dispose of run-off water at an
73 accepted off-site facility shall be submitted to the Engineer.

74

75 The requirements of Section 411.03(I) – Placing, Consolidating, and
76 Shaping Concrete and Section 411.03(N) – Surface Test shall apply to the bridge
77 deck.

78

79 The Contractor shall not apply any additional water to the deck surface in
80 an effort to aid his finishing operation. The unauthorized application of water will
81 result in the rejection of that day's concrete placement."

82

83 **(V) Amend 503.03(2)(b) Sidewalks and Median Strips** from line 1182 to
84 1191 to read follows:

85

86 "Provide final finish for concrete sidewalks and median strips using
87 wooden float. Immediately after concrete has received a floated finish, give the
88 concrete surface a coarse transverse scored texture by drawing a broom across
89 the surface. Degree of texture shall be as approved by the Engineer and shall be
90 based on at least one site cast sample slab. The sample slab shall be a
91 minimum of 7-feet wide by 10-feet long. The site cast sample slab shall be

92 approved prior to construction of the bridge deck. Additional samples shall be
93 provided at no cost until such time as a sample is approved by the Engineer.
94

95 Tolerances for concrete sidewalks and median strips shall as a minimum,
96 be conventional straightedged tolerance in accordance with ACI 117.”
97

98 **(VI) Amend 503.05 Payment** from line 1206 to 1223 to read as follows:
99

100 **“503.05 Payment.** The Engineer will pay for the accepted concrete on a
101 contract lump sum basis. Payment will be full compensation for the work
102 prescribed in his section and the contract documents.
103

104 The Engineer will pay for the following pay items when included in the
105 proposal schedule:
106

107 Pay Item	108 Pay Unit
109 Mechanical Grooving	Lump Sum
110 Concrete_____	Lump Sum

112
113 The Engineer will pay for excavation and backfill for foundations in
114 accordance with and under Section 205 – Excavation and Backfill for Bridge and
115 Retaining Structures and Section 206 – Excavation and Backfill for Drainage
116 Facilities.
117

118 The Engineer will pay for reinforcing steel in accordance with and under
119 Section 602 – Reinforcing Steel.”
120

121
122
123

END OF SECTION 503