

SUPERSTRUCTURE & APPROACH SLAB LONGITUDINAL CLOSURE POURS

42. THE CONCRETE EDGES ALONG THE LONGITUDINAL CLOSURE POURS SHALL BE TREATED TO PROVIDE A ROUGHENED/ EXPOSED AGGREGATE SURFACE. THE AMPLITUDE OF THE EXPOSED AGGREGATE SHALL BE A MINIMUM OF 1/8" AND BE COMPLETED PRIOR TO ERECTION OF THE BEAMS. THE FABRICATOR SHALL INDICATE THE METHOD USED TO ACHIEVE THIS PROFILE ON THE FABRICATION DRAWING AND THE METHOD USED TO PROTECT THE REINFORCING STEEL.
43. PRIOR TO THE CONCRETE PLACEMENT OF THE LONGITUDINAL CLOSURE POUR, THE JOINT SHALL BE SATURATED WITH WATER IN ACCORDANCE WITH SECTION 501 OF THE STANDARD SPECIFICATION.
44. THE LONGITUDINAL CLOSURE POUR CONCRETE SHALL OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI PRIOR TO ANY VEHICULAR LOADING.

PEDESTRIAN HAND RAILING

45. THE MINIMUM HEIGHT OF THE PEDESTRIAN RAILING SHALL BE 42 INCHES MEASURED FROM THE TOP OF THE SIDEWALK TO THE TOP OF THE UPPER RAIL MEMBER. FROM THE TOP OF THE SIDEWALK TO A LINE 27 INCHES ABOVE IT, ALL ELEMENTS OF THE RAILING ASSEMBLY SHALL BE SPACED SUCH THAT A 6-INCH SPHERE WILL NOT PASS THROUGH ANY OPENING. FOR ELEMENTS BETWEEN 27 AND 42 INCHES ABOVE THE WALKING SURFACE, ELEMENTS SHALL BE SPACED SUCH THAT AN 8-INCH SPHERE WILL NOT PASS THROUGH ANY OPENING.
46. THE MINIMUM DESIGN LOADING FOR PEDESTRIAN RAILING SHALL BE $W = 50$ POUNDS PER LINEAR FOOT, TRANSVERSELY AND VERTICALLY, ACTING SIMULTANEOUSLY. IN ADDITION, EACH LONGITUDINAL ELEMENT SHALL BE DESIGNED FOR A CONCENTRATED LOAD OF 20 POUNDS ACTING SIMULTANEOUSLY WITH THE ABOVE LINEAR LOADS AT ANY POINT AND IN ANY DIRECTION AT THE TOP OF THE LONGITUDINAL ELEMENT.
47. POSTS SHALL BE DESIGNED FOR A TRANSVERSE LOAD OF P.LL ACTING AT THE CENTER OF GRAVITY OF THE UPPER LONGITUDINAL ELEMENT. P.LL (IN POUNDS) SHALL BE TAKEN AS: $P.LL = 200 + 50L$, WHERE L IS THE POST SPACING IN FEET.

MISCELLANEOUS

48. EPSC EXISTING CONDITIONS SHEET AND EPSC PLAN SHEET HAVE BEEN INCLUDED AS A REFERENCE.
49. ITEM 404.65 "EMULSIFIED ASPHALT" IS TO BE APPLIED AT A RATE OF 0.080 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AND ON ALL COLD PLANED SURFACES OR AS DIRECTED BY THE ENGINEER.
50. ITEM 520.10, "MEMBRANE WATERPROOFING, SPRAY APPLIED" SHALL BE APPLIED TO THE BRIDGE DECK AS PER THE MANUFACTURER'S INSTRUCTIONS AND EXTEND ONTO THE APPROACH SLABS 2 FEET BEYOND THE BEGIN BRIDGE/END OF BRIDGE.
51. THE SIGN AND SIGN POST ATTACHED TO THE METAL RAILING NEAR STATION 334+60 RT SHALL BE REMOVED AND PROVIDED TO THE PROPERTY OWNER. THIS WORK WILL BE PAID UNDER ITEM 675.50 "REMOVING SIGNS."
52. PARKING SPACES OUTSIDE OF THE CONSTRUCTION LIMITS WILL BE OPEN TO THE PUBLIC DURING CONSTRUCTION. THE USE OF THE SPACES BY THE CONTRACTOR SHALL BE LIMITED TO ESSENTIAL CONSTRUCTION VEHICLES AND EQUIPMENT ONLY, WITH APPROVAL OF THE ENGINEER.
53. GRAVEL ON APPROACHES MAY BE INSTALLED IF PAVING PLANTS AREN'T OPEN FOR THE CONSTRUCTION SEASON. IF GRAVEL ON APPROACHES IS INSTALLED, IT WILL BE A FIVE INCH DEEP GRAVEL ROADWAY, OVER A LAYER OF GEOTEXTILE FOR ROADBED SEPARATOR. THE GRAVEL SHALL BE PAID FOR UNDER ITEM 401.10 "AGGREGATE SURFACE COURSE". THE GEOTEXTILE SHALL BE PAID FOR UNDER ITEM 649.11 "GEOTEXTILE FOR ROADBED SEPARATOR". MAINTENANCE AND REMOVAL OF THIS MATERIAL PRIOR TO PAVING OF THE APPROACHES WILL BE PAID FOR UNDER ITEM 527.10 "MAINTENANCE OF STRUCTURES AND APPROACHES".

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