

SECTION 123

REINFORCEMENT

123.1 REQUIREMENTS

- A. Bar reinforcement shall conform to the requirements of AASHTO M31
- B. Welded steel wire fabric shall conform to the requirement of AASHTO M55.
- C. Tie bars for concrete pavement shall conform to the requirements of AASHTO M31 Grade 40. Tie bars shall be deformed bars.
- D. Dowel bars for concrete pavement shall conform to AASHTO M31, M227 or M255 Grade 40 minimum. Dowel bars shall have an epoxy coating. The coating shall conform to AASHTO M284 except that the film thickness shall be 5 to 10 mils after cure. Dowel bars shall be plain round bars, free from burring or any other deformation which would restrict slippage in the concrete.

Shearing will be permitted, provided the coating is not damaged and subject to permissible deformation. Any deformation larger than true shape shall not exceed 0.40 in. increase in diameter or thickness and shall not extend more than 0.40 in. from the dowel end.

Asphaltic bond breakers that may be used to precoat dowel bar assemblies will include: MC-70, RC-70, RC-250, CRS-1, CRS-2, CSS-1h, HFMS-2, HFMS-2h, or HFMS-2s.

- E. Bar reinforcement for concrete pavement, except dowel and tie bars, shall conform to the requirements of AASHTO M31 Grade 60.
- F. Epoxy-coated reinforcement shall comply with AASHTO M284. A Certificate of Compliance and a copy of the quality control test results shall be furnished for each shipment supplied for use on a project.

123.2 METHOD OF MEASUREMENT & 123.3 BASIS OF PAYMENT

Reinforcement for concrete construction will be incidental to the various construction bid items. There will be no separate measurement and payment for reinforcement for concrete construction.

END OF SECTION