503 Reinforcing Steel Epoxy Coating
Quality Management Plan

503.1 Introduction

503.1.1 The purpose of the Reinforcing Steel Epoxy Coating Quality Management Plan is to establish the procedures for becoming pre-qualified as a source of epoxy coated reinforcing steel. The Management Plan is to assure the Utah Department of Transportation:

(a) Epoxy coating applicator plants are capable of applying quality epoxy coatings on reinforcing steel.

(b) Fabricators of epoxy coated reinforcement are capable of producing a quality product.

503.2 Pre-qualifications for Reinforcing Steel Epoxy Coating Applicators and/or Fabricators.

503.2.1 Submit a letter to the Concrete Engineer requesting designation as a qualified source. The letter will include:

(a) Proof the applicator plant producing the epoxy coated steel used in fabrication is currently certified as an Epoxy Coating Applicator Plant by the Concrete Reinforcing Steel Institute (CRSI).

(b) An Agreement to meet UDOT’s Standard Specifications, including AASHTO M-284.

(c) The name and phone number of the Quality Control Director at each production location who may be contacted for data, shipping information, and to whom reports of UDOT’s verification tests shall be directed.

(d) A signature by a representative having legal authority to bind the company.

503.2.2 The Epoxy Coating Applicator and/or Fabricator agrees to:

(a) Meet UDOT’s Standard Specifications, including AASHTOM-284.

(b) Submit CRSI inspection grade sheets and notes to the Concrete Section within seven calendar days of receiving the results.

(c). Make available to the Concrete Engineer or representative the plants quality control sampling and testing records when requested.

(d) Fax UDOT’s certificate of compliance form and mill test reports before each shipment to UDOT specification controlled projects to:

   Engineer for Concrete
   Calvin Rampton Complex, MTF Building
   4501 South 2700 West
   Salt Lake City, Utah 84119
   Phone Number: 1-801-965-3814
   Fax: 1-801-965-3843

(e) Any steel on which the epoxy coating is applied is required to be from a UDOT pre-qualified source as per UDOT’s Quality Management Plan: 504 Reinforcing Steel. A list of current UDOT Pre-Qualified Reinforcing Steel Manufactures may be found at http://www.udot.utah.gov/go/materials under Prequalified Suppliers.

503.2.3 Notification of acceptance as a Pre-Qualified Reinforcing Steel Epoxy Coating Applicator and/or Fabricator will be made in writing by the Concrete Engineer.
503.3 UDOT Verification Sampling and Testing Inspections

503.3.1 The frequency of verification testing and inspections shall be determined at the discretion of the Concrete Engineer. Any materials found not meeting UDOT’s Standard Specifications will be rejected and an accelerated testing program will be put into effect.

503.3.2 Once an Applicator and/or Fabricator has been put on notice for compliance violations for not meeting UDOT’s Standard Specifications or any rejected incident is recorded, an in-plant inspection program will be put in place by the Concrete Engineer. This inspection will be conducted a minimum of once a quarter for one year. The inspection will include an evaluation of product compliance with specifications. If an applicator and/or fabricator can not meet the standards set by UDOT, the applicator and/or fabricator may be disqualified as a source by the Concrete Engineer.