

MDOT Program Office
Contractor Presentation for 2012 SP Updates
April 25, 2012
Via Teleconference/Webinar

Q & A:

Q. Warranty Requirements - Have the warranty requirements been discussed with Manufacturers?

A. The Program Office has not yet spoken to Manufacturers about warranty. MDOT will need to investigate how to engage equipment manufacturers when warranty requirements change. Contractor should verify warranty requirements per Special Provisions and Basic Methods and Materials for ITS Work.

Q. Lightning Protection - Will there be a detail for Lightning protection provided on the plans.

A. The special provision for Grounding, Bonding, Lightning Protection and Surge Protection for ITS Equipment has specific requirements for the various lightning protection systems. In addition, the DMS Support Structure and Spun Concrete Pole both have lightning protection details shown on the plans.

Q. Fiber Optic Splicing - Will all splicing be incidental to the cable? This will be hard for the Contractor to go through the plans to determine number of splices and estimate them.

A. Fiber optic fusion splicing will be incidental to the fiber optic cable. All splicing that is known i.e splicing at device locations and splicing to existing fiber will be shown and detailed on the plans. The locations for end-end reel splices will not be shown on plans. It is the Contractor's responsibility to estimate the amount of fusion splices needed for end-end splices required due to reel length limitations. However, a typical splicing detail will be provided with the plans. Contractors should calculate the total number of splices needed for the project based on the information provided on the plans. Where possible the Contractor should try to reduce the amount of end-end reel splices in order to achieve desired link budget attenuation levels.