

**Supplemental Specification
2005 Standard Specification Book**

SECTION 13594M

FIBER OPTIC COMMUNICATION

Delete Article 2.3 paragraph A and replace with the following:

- A. With the following characteristics and as specified on the plans:
 - 1. LC (standard)
 - a. Factory installed or field installed LC or LC compatible connectors.
 - b. Ceramic ferrules.
 - c. Maximum insertion loss: 0.30 dB.
 - d. Connector back reflection: greater than 35 dB.
 - 2. ST (to be used only where approved)
 - a. Factory installed or field installed ST or ST compatible connectors.
 - b. Ceramic ferrules and metallic connector bodies.
 - c. Maximum insertion loss: 0.30 dB.
 - d. Connector back reflection: greater than 35 dB.

Delete Article 2.3 paragraph C and replace with the following:

- C. Furnish and install new fan-out kits to replace any existing fan-out kits that must be severed in order to make fiber terminations.

Delete Article 2.4 and replace with the following:

- A. Provide splice enclosures with the following minimum characteristics:
 - 1. Comply with Telcordia GR-771
 - 2. Corrosion resistant shell
 - 3. Allow re-entry without replacing the cable seals
 - 4. One 3-section end plate with 6 pre-molded cable entry ports
 - 5. One blank end plate
 - 6. Hinged splice trays to provide easy access to splices on other trays
 - 7. Strength member tie-off
 - 8. Mechanism to resist cable pull-out
 - 9. All required accessories to complete the splice

- B. Type A:
 - 1. Accommodates up to 288 splices
 - 2. Contains 2 or more 36-count splice trays

- C. Type B: For locations with up to 48 splices.
 - 1. Accommodates up to 48 splices
 - 2. Contains 2 or more 12-count splice trays