AT&T PRACTICE
Standard

VERSION 4.0.5

SECTION 622-340-200
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B PLASTIC POLYVINYL CHLORIDE (PVC) AND B POLYPROPYLENE CONDUIT CONCRETE ENCASED MAIN CONDUIT

CONTENTS

1. GENERAL

1.01 This section covers the methods of laying concrete encased 4-inch diameter B plastic and B polypropylene conduit encased.

1.02 This section is being reissued to add reference to the B polypropylene conduit. Since this reissue is a general revision, no revision arrows have been used to denote significant changes.

1.03 The B plastic PVC and B polypropylene conduit are 4-inch (id), single-bore conduit intended for use in single- or multiple-duct construction with concrete encasement. They can be used in structures such as bridges, viaducts, etc, where they can be cast in the concrete of the structure.

1.04 The B plastic conduit (thin wall) is made of virgin PVC with expanded bell on one end. It is fully compatible with B or C polypropylene conduit.

1.05 The B polypropylene conduit (rust colored) has an expanded bell on one end to fit the barrel of the mating conduit. The polypropylene conduit is fully compatible with B or C plastic conduit.

1.06 Section 622-100-010 outlines the various permits that may be required before start of construction.

1.07 When laying conduit, labor-saving equipment such as excavators, concrete cutting machines, etc, should be utilized to reduce trench opening time, minimize physical effort, and provide overall economy.

1.08 To ascertain that conduit has been properly laid, the conduit work should be inspected throughout the construction period by a thoroughly trained inspector who is completely familiar with job and construction specifications. The inspector should confirm that the conduit run is in the correct location, proper conduit depth is maintained, the trench bottom is level, no cracked or broken duct sections are used, all joints are properly made, horizontal and vertical alignment is maintained, the conduit is properly encased in concrete, selected backfill is used, and all specifications are met. In the event that underground obstructions or special field conditions require minor deviations from work plans, the inspector should note such changes with appropriate measurements on his copy of the work print for future posting to permanent records.

1.09 To facilitate subsequent cable placing operations, particular care should be taken concern-

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