

**TECHNICAL PROVISIONS FOR
INSTALLATION OF UNDERGROUND CONDUIT AND RELATED FACILITIES
FOR THE TELECOMMUNICATION CONDUIT SYSTEM
IN THE CITY OF MORENO VALLEY, CALIFORNIA**

GENERAL DESCRIPTION OF REQUIREMENTS

All new telecommunication plant installations serving new or existing single-family residential, multi-family residential, mobile homes, and commercial property within the boundaries of the City of Moreno Valley ("City"), shall be provided with underground conduit, pull boxes, pull lines, and all related items, as more fully described below, for the future installation of telecommunications system trunk and/or distribution fiber optic cables, and related facilities ("the conduit system").

Installation of said facilities shall be coordinated with all cable television companies and utilities (i.e., electric power, telephone service, gas, etc.), which will provide their services via underground facilities within the same development area. Conduits shall typically be placed in a shared trench with telephone and cable television conduits. Prior to any physical installation of facilities, including but not limited to digging and/or trenching, all applicable City permits must be secured. Underground Service Alert of Southern California ("USA"), or its successor(s), must be properly notified by the excavator prior to the start of the actual excavation.

The City reserves the right, particularly in locations where other City improvements exist, to require that conduits be installed by jacking the conduit, in accordance with Section 306-8, "Microtunneling," of the latest edition of the Standard Specifications for Public Works Construction (Green book).

The conduit system shall generally consist of trunk and distribution conduits installed between and swept into pull boxes mounted at finished grade. Service laterals to locations designated by the City shall emanate from the trunk and/or distribution pull boxes and then terminate at the service location.

All underground conduit and facilities shall be installed to provide for continuous and sealed runs between pull boxes so as to retard the ingress into the conduit system of liquids and/or other foreign materials.

The installation of the conduit system shall be constructed in strict conformance and compliance with all federal, state, and local requirements, and specifically the requirements of the State of California Public Utilities Commission General Order 95 and General Order 128, as amended. Should General Order 95 and/or General Order 128 become null, void, or otherwise be declared unenforceable in whole or in part by court or legislative action, then the requirements of the American National Standards Institute shall apply in place of General Order 95 and/or General Order 128 to the extent that General Order 95 and/or General Order 128 are unenforceable. The City specifically reserves the right to modify, extend in scope, or reduce in scope specific construction requirements, which in the opinion of the City Engineer, are necessary to protect the public.

Testing shall conform to the provisions in Section 86-2.05C, "Installation," of the latest edition of the Caltrans Standard Specifications and these Technical Provisions. The Contractor is responsible for all costs involved in testing the conduit system. Backfill material shall not be placed until the conduit system has been inspected and approved for backfilling by the Engineer.

NOT TO SCALE

	RECOMMENDED:  1/21/14 DIVISION MANAGER / DATE	CITY OF MORENO VALLEY PUBLIC WORKS DEPARTMENT - CAPITAL PROJECTS DIVISION	
	APPROVED:  1/29/14 PUBLIC WORKS DIRECTOR / CITY ENGINEER / DATE		
	TELECOMMUNICATIONS TECHNICAL PROVISIONS		STANDARD PLAN MVSI-185A-0 SHEET 1 OF 4