

SCOPE: THIS STANDARD PROVIDES THE MINIMUM REQUIREMENTS FOR PULL ROPE AND FLAT TAPE TO BE INSTALLED IN THE CITY'S UNDERGROUND CONDUIT SYSTEM.

**NOTES:**

- A. A SINGLE, 3/8" MINIMUM DIAMETER, YELLOW PULL ROPE, DESCRIBED BELOW, SHALL BE INSTALLED ONLY IN CONDUITS DESIGNATED TO RECEIVE ELECTRICAL/ TELECOMMUNICATION CABLE AS SHOWN ON ELECTRICAL ENGINEERING WORK ORDER DRAWINGS.
- B. FLAT TAPE, AS DESCRIBED BELOW, SHALL BE INSTALLED IN ALL SPARE CONDUITS AS SHOWN ON ELECTRICAL ENGINEERING WORK ORDER DRAWINGS.
- C. PULL ROPE AND FLAT TAPE ARE GENERALLY PROVIDED AND INSTALLED IN DESIGNATED CONDUITS BY THE CITY CONTRACTOR, BUT MAY BE INSTALLED BY OTHERS.
- D. FLAT TAPE INSTALLED IN SPARE CONDUITS SHALL BE USED TO DETERMINE FUTURE CABLE LENGTHS AND PULLING "LIGHT" CABLE/WIRE OR A "BULL LINE" FOR HEAVY CABLE.

**MATERIAL:**

PULL ROPE – SHALL BE POLYPROPYLENE MATERIAL, SINGLE STRAND OR THREE STRAND BRAIDED OR TWISTED, 3/8" MINIMUM DIAMETER, WITH 2,400 POUNDS MINIMUM TENSILE STRENGTH. COLOR SHALL BE YELLOW AND MAY CONTAIN A TRACER OF ONE OR MORE YARNS IN A SINGLE STRAND OF CONTRASTING COLOR TO IDENTIFY MANUFACTURER.

FLAT TAPE – SHALL BE POLYESTER, WOVEN, PRELUBRICATED, CONTAIN DETECTABLE TRACER WIRE, 1/2" MINIMUM WIDTH, WITH 1250 POUNDS MINIMUM TENSILE STRENGTH. COLOR SHALL BE WHITE AND IMPRINTED WITH SEQUENTIAL FOOTAGE MARKINGS, TENSILE STRENGTH AND MANUFACTURERS NAME.

**REEL AND SPOOL MARKING:**

ALL REELS AND SPOOLS SHALL BE CLEARLY MARKED TO SHOW; SIZE IN INCHES, TENSILE STRENGTH, AND MANUFACTURER.

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<b>CITY OF ANAHEIM</b> PUBLIC UTILITIES DEPARTMENT ELECTRICAL DIVISION T&D CONSTRUCTION STANDARDS		<b>REVISION KEYS:</b>	ADDED / REVISED TEXT	ADDED / REVISED MATERIAL	NEW SHEET
		<h2 style="margin: 0;">PULL ROPE REQUIREMENTS</h2>			
<b>APPROVALS</b>					
T&D MGR	FIELD MGR	OPER. MGR			
JT					