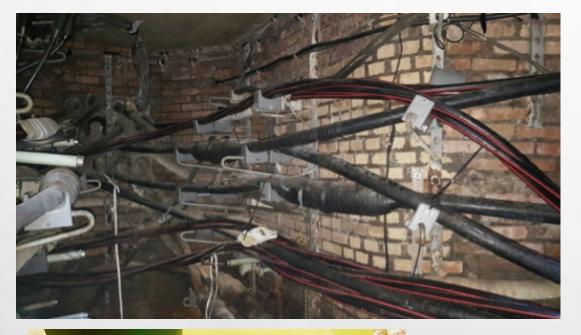
# THE MULTIPLE CHALLENGES **OF UNDERGROUND CONSTRUCTION AND** MAINTENANCE



DISTRIBUTION UNDERGROUND ELECTRIC IS A MULTI-FACETED AND NECESSARY PART OF THE COMPLEX UTILITY INFRASTRUCTURE IN THE UNITED STATES OF AMERICA

### **Heavy Underground**



#### **First Downfeed from Substation**





#### UNDERGROUND SECONDARY VOLTAGE NETWORKS

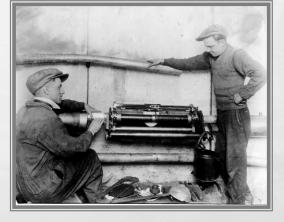
URD



## UNDERGROUND SYSTEMS INSTALLED IN THE LATE 1800'S – EARLY 1960'S





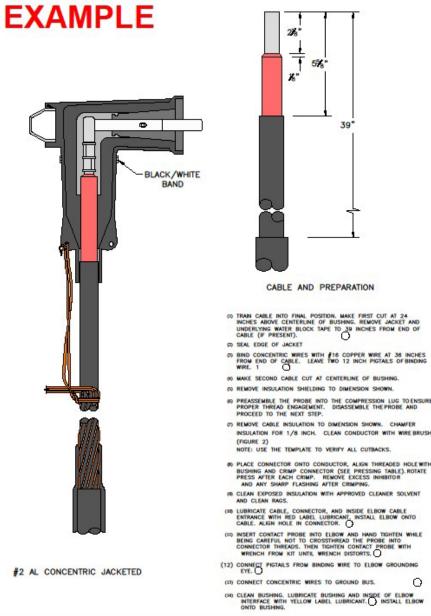


#### **DIFFERENT PPE STANDARDS**

## **NICE TRUCK!**



# ONE SPECIFICATION FOR ELBOWS?



- BUSHING AND CRIMP CONNECTOR (SEE PRESSING TABLE). ROTATE
- ENTRANCE WITH RED LABEL LUBRICANT. INSTALL ELBOW ONTO CABLE. ALIGN HOLE IN CONNECTOR.

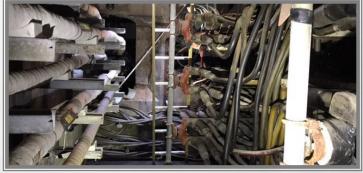
- INTERFACE WITH YELLOW LABEL LUBRICANT. ] INSTALL ELBOW

0

## **SAFETY AND HYGIENE**







**FRIABLE ASBESTOS** 





**BIOHAZARDS** 

**CONFINED SPACES** 





# **ROAD WORK CHALLENGES**

# PROUD TO BE



sel

## "LIKE MEN AMONGST SNAKES."

AUGH

HUMOR



## THE IMPORTANCE OF SPLICE QUALITY

# UNDERGROUNDING FACILITIES

## **BEST PRESENTATION EVER**



## RIGHT

MENTS and