



Traffic Signal Design Manual

ORIGINATOR Director, Bureau of Highway Operations		3-5-3
CHAPTER 3	Project Scoping Process & Geometric Design Considerations	
SECTION 5	Other Considerations	
SUBJECT 3	Utilities, Historical, and Environmental Issues	

During the scoping process existing utilities above and below ground must be identified to determine if there is a potential conflict that will affect the placement of signal equipment.

Underground facilities *should* be located and marked in the field prior to a field investigation such as:

- electric
- utility vaults
- high pressure gas lines
- fiber optic packages
- telephone
- cable
- water
- sewer lines
- municipal communication duct packages, etc.

Over head transmission lines *may* have proximity requirements regarding signal mast arm clearances. Refer to TSDM Subject 4-2-2, Utility Conflicts.

Guidelines for historical boundaries and cemeteries are found in FDM Chapter 26, Historical Preservation.