



UTILITY COST ESTIMATING

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Manager

March 11, 2025

VDOT Utilities Organization

Right of Way & Utilities Division

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UTILITY MANUAL OF INSTRUCTIONS

Utility Relocation Policies & Procedures

NOTES ON VIEWING THIS MANUAL ONLINE: It is recommended that you turn on your bookmarks feature. Bookmarks make navigating easier between chapters and sections. You may also use the Table of Contents to navigate.

Twelfth Edition

Last Revised:

2024

If you would like to receive e-mail messages about revisions posted to this online manual, please send an e-mail to rumsinquiry@vdot.virginia.gov using the subject *UTILITY MANUAL UPDATE DL* to be added to the distribution list. When updates are posted, you will then be sent an e-mail to let you know.

What is a Utility?

Utility – An entity that owns and provides a public service such as electricity, water, sewer, telephone, gas, etc.

- **Public Utility** – Any organization, corporation, municipality, county, authority or other association providing any type of utility service to the general public, or segments thereof, for compensation and is subject to the applicable State law, such as water, sewer, gas, telephone and electricity.
- **Private Utility** – A utility that does not meet the requirements of a “Public Utility, such as cable TV providers.

Statutory Rights

There are utilities that enjoy a statutory right to receive reimbursement for relocation when they are located on VDOT right of way. These statutory rights are enumerated in the Code of Virginia.

Owner	Interstate Project in a City/ Town	Interstate Project in a County	Primary Project	Urban Project	Secondary Project	State Toll Revenue Bond Project
Investor Owned Utility	33.2- 307	NONE	NONE	NONE	NONE	33.2-1701
County Owned Electric/ Gas	33.2- 307	33.2-308	33.2-308	NONE	33.2-330	33.2-1701
County Owned Water/ Sewer	33.2- 307	33.2-308	33.2-308	NONE	33.2-330	33.2-1701
City/ Town Owned Electric/ Gas	33.2- 307	NONE Electric/ 33.2-308 Gas	NONE Electric/ 33.2-308 Gas	33.2-348	33.2-330	33.2-1701
City/ Town Owned Water/ Sewer	33.2- 307	33.2-308	33.2-308	33.2-348	33.2-330	33.2-1701
Authority /District Owned Water/ Sewer	33.2- 307	33.2-308	33.2-308	33.2-348	33.2-330	33.2-1701
CATV Facility	NONE	NONE	NONE	NONE	NONE	NONE

Comprehensive Agreement

- **A Comprehensive Agreement was entered into by VDOT and several utility owners for the purpose of keeping to a minimum the combined widths of rights of way and easements needed for public purpose.**
- **A Comprehensive Agreement provides that when the roadway right of way is 110 feet or greater in width, the utility owner may relocate its facilities along the outer 15 feet of right of way. In the event a future highway project necessitates the relocation of said utility facility, the non betterment cost of the relocation will be shared on a 50-50 prorated basis by the utility and the Project.**
- **A Comprehensive Agreement does not apply to Interstate or Limited Access right of way facilities.**
- **Utility Companies that have signed a Comprehensive Agreement can be found in Appendix 1D of the VDOT Utility Manual.**

Estimating from a Sketch

What's not shown:

Drainage - Traffic signals - Existing Utilities



Get out and look



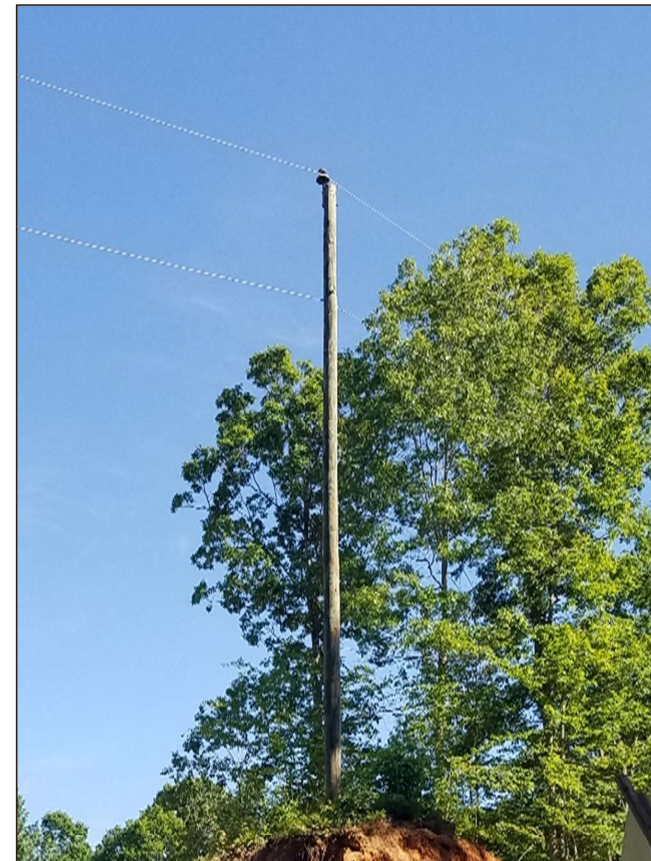
What's underground



Why move underground Utilities



How do you estimate a power line?



Telecommunications



Telecommunications Pedestals



Utility Marker Post

Handhole
(or a Pullbox /Junction Point*)



Outside

Inside



Gas, Water, & Sewer



Gas Valve



Water Valve



Water Meter

Sanitary Sewer Manholes



What the Utility section does not estimate

Traffic Facilities

(Are not a utility)



VDOT Electric Junction Box
(to provide power for signals)



Traffic Control Cabinet



Power Meter for Traffic Facilities
(to provide power for signals)

Questions, concerns, complaints.

Thank you for your time.



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