

APC / PDT Fall Seminar 2011

Utility Relocations



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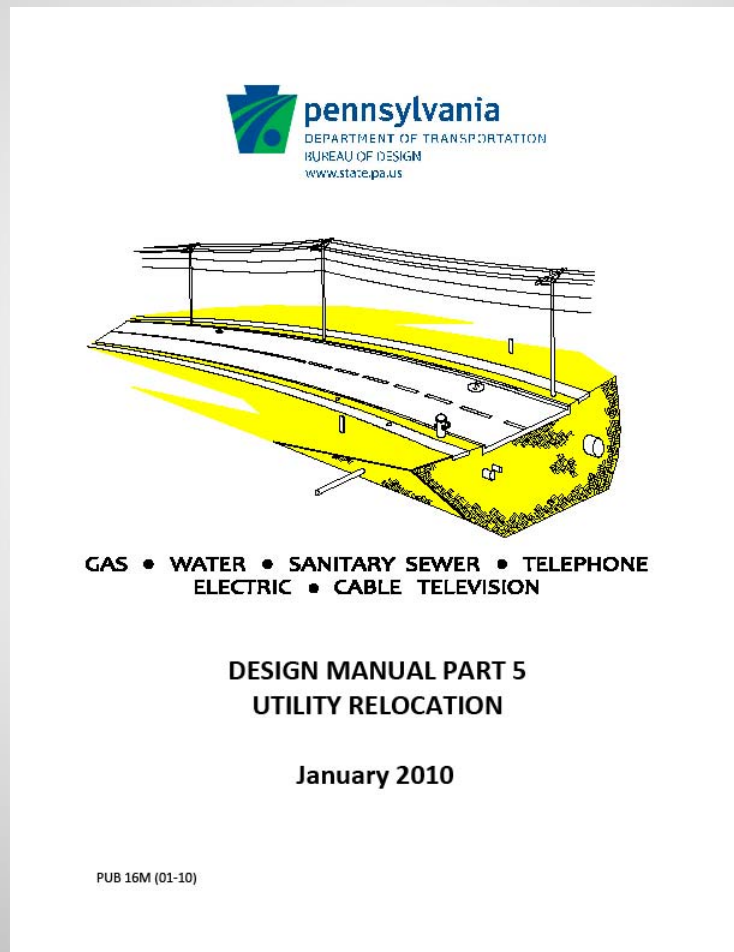
Utility Relocations

PennDOT's Process

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Time Requirements for Utility Relocation Coordination

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PennDOT's Process for Utility Relocation Coordination

PennDOT or our representative work with utility companies during preliminary engineering and final design to coordinate utility relocations for a highway project.

PennDOT's Process for Utility Relocation Coordination

Utility Clearances are prepared during final design and are required on all highway construction projects.

They can be in the form of the Utility Clearance Form D-419 or one of the Department's Standard Special Provisions.

When all necessary arrangements are made, the District prepares a utility clearance Form D-419.

PennDOT's Process for Utility Relocation Coordination

When the utility relocation work is either to be:

- completed prior to the construction contractor's notice to proceed
- or
- is incorporated into the highway construction contract,

"Utility Clearance" consists of making arrangements with the utilities for the completion of the utility relocation work.

PennDOT's Process for Utility Relocation Coordination

When the utility relocation work is to be completed by the utilities after the construction contractor is issued notice to proceed,

"Utility Clearance" consists of gathering information from utilities in an attempt to assist the Department's Highway Construction Contractor in making arrangements with utilities for the completion of utility relocation work.

Contractor Making Arrangements

Upon execution of the contract it's the Department's Highway Construction Contractor 's responsibility to make arrangements for utility relocation coordination.

The District Utility Relocation Unit should act as a liaison between the Contractor and Utility Companies, when required.

See publication 408, [Sections 105.06 & 108.03](#) and Publication 8, [Section 100-3](#) for other references to making arrangements.

PennDOT's Process for Utility Relocation Coordination

In situations where the contractor is responsible for making arrangements with utilities, the contractor should:

- notify the utilities within the project limits.
- give the utilities advance notice of their plan of operations.
- cooperate with utilities by arranging to perform contract work around such utilities

PennDOT's Process for Utility Relocation Coordination

The information from the utility clearance and in the highway contract regarding utility relocations is based on information made available by utilities throughout project design.

This information is included in the contract and must be taken into consideration by the highway contractor.

If the contractor makes changes to the arrangements made between PennDOT and the Utilities, PennDOT and the Utilities need to approve the changes.

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Inspection of Utility Relocation Work

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Inspection of Utility Relocation Work

It is the responsibility of each utility to provide the District Utility Relocation Unit with written notice of the date that relocation work will be started.

Inspection of Utility Relocation Work

The District Utility Relocation Unit, upon notification from the utility of the date that relocation work is to commence, must inform the District Construction Unit that inspection will be required and furnish the District Construction Unit with a copy of the utility's estimate/permit package for use by the assigned inspector.

Inspection of Utility Relocation Work

The utility must cooperate with the Department's inspector and keep the inspector informed of utility work schedules.

Inspection of Utility Relocation Work

When it is necessary to remove utility work crews from active projects, the Department's inspector must be informed and notified of the date utility work will resume.

Inspection of Utility Relocation Work

An inspector assigned to a utility relocation project is responsible for making an accurate record of the relocation work on the Utility Inspection Form (D-4298).

Inspection of Utility Relocation Work

Any deviation from the approved relocation plan, method of work and schedule of work must be immediately brought to the attention of the District Utility Relocation Unit and noted on the report form.

Time Requirements



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Time Requirements

Time Requirements depend on the type, amount of utility work and conditional restrictions.

Time Requirements

Types of Utility work

- Prior
- Restrictive
- Concurrent

Time Requirements

Types of Utility work

- Coordinated
- Not Affected
- Incorporated

Time Requirements

Many relocations include coordination between utility companies. In these circumstances, the total number of calendar days to complete the relocation work will be considered as linear construction with the duration for each specified and added together to achieve a total number of restrictive days unless otherwise specified in the contract.

Conditional Restrictions

Conditions that affect the utility's ability to perform work, such as:

- certain times of the day, week or year that a facility can not be shutdown
- acquisition of right-of-way
- demolition of buildings

Changes in Utility's Plan of Relocation

Changes in Utility's Plan of Relocation

Occasionally field conditions require revision to a utility's approved plan of relocation.

Changes in Utility's Plan of Relocation

It is the responsibility of the utility to report the required change immediately to the District Utility Relocation Unit, justify such revisions, correct any approved highway occupancy data on file with the Department, and comply with established Department policies and procedures regarding highway occupancy and reimbursement requirements.

Changes in Utility's Plan of Relocation

The utility is required to obtain, by letter, the highway contractor's concurrence of their changes prior to starting the physical adjustment and/or relocation of these facilities when they are within the limits of the highway construction project.

Changes in Utility's Plan of Relocation

In situations of unforeseen utility involvement, the highway contractor and the District Utility Relocation Unit must be informed when the highway project is under the highway contractor's control.

Changes in Utility's Plan of Relocation

It is the highway contractor's responsibility to make arrangements for these unforeseen utility adjustments, including a written request to the District Utility Relocation Unit to function as a liaison between the highway contractor and the involved utility, if necessary.

Coordination Attempts

Coordination attempts to take into consideration the utilities' other obligations, such as other PENNDOT projects during scheduling, and that if a utility is not present, it does not necessarily indicate they are not working somewhere on a project, and that to ask a utility to do extra work on 1 project may lead to delays on several others.

Project Delivery

In order to have success in project delivery for highway construction projects, we need to do our best in making sure there's good communication and a good working relationship between everyone involved.

Summary on Utility Relocations

PennDOT's Process & Time Requirements for Utility Relocation Coordination

Inspection of Utility Relocation Work

Changes in Utility's Plan of Relocation

Questions



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