

**New Jersey Department of Transportation
QUALITY IMPROVEMENT ADVISORY**

QUALITY MANAGEMENT SERVICES

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Approved: B. Strizki
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Subject: PSE&G Installation of Gas Mains & Related Work Specifications.

Process Affected:

Scope Design Right of Way Utilities Environmental Historic Construction

Bureaus Affected:

Division of Design Services

Procedure(s) Affected:

Utilities/Construction

Nature of Issue(s):

Public Service Electric and Gas Company (PSE&G) normally performs the relocation of gas mains and related work to their facilities on NJDOT projects. Due to the heavy work backlog, and lack of manpower availability, PSE&G at times cannot complete these utility work items in a timely manner as required by the Department's construction schedule. In addition, performing NJDOT utility relocation work is subservient to emergency work and customer service requirements for most utility companies. As a result, utility delays are experienced and extra costs are incurred on many projects.

Recommendation(s):

The specifications were developed jointly by the Department & PSE&G in order to address this issue. The specifications allow the Department's contractor to subcontract the gas relocation work to one of PSE&G's qualified gas contractors. These gas subcontractors will perform the utility work, with PSE&G supplying the material necessary to complete the work. PSE&G personnel will still be performing all gas main tie-ins and abandonments. To ensure that work is performed according to specifications, PSE&G will supply an inspector on site to inspect the work performed by the subcontractors. The Engineer (Resident Engineer) will be responsible for directing the contractor to correct any defective work, if necessary.

The specifications have been issued as an addendum in one pilot project, and currently are being incorporated into other projects. When a project involves construction of new gas lines and related work with PSE&G, Designers must contact the Utility & Railroad Engineering unit to obtain the latest version of these specifications, because these procedures and specifications are being refined as each new project develops and progresses to construction. The specifications will be evaluated by the Department, and will be incorporated into the SI if they prove to be successful.

Implementation: *Immediately*

Impact Assessment:

Schedule Quality Cost Scope

Cost Impact:

N/A