

Project Facts

Project Name & Location:

National Fuel Gas Transmission Corporation

Various services including, Property Surveys, Pipeline Stakeouts, Firm-wide GIS Conversion, GPS Location Services, Photogrammetric Mapping, Digital Orthophoto Production and Laser Scanning & Modeling. Projects completed throughout western PA & NY.

Project Owners Name & Manager:

National Fuel Gas Transmission Corporation

1100 State Street

Erie, PA 16501

Edward E. Northrop, P.L.S. (814) 871-8606

Completion Date: 1997 to Date

Entire Project(s): One Billion Dollars Plus

Work for Which Firm Was Responsible: Five Hundred Thousand Dollars Plus

Nature of Firms Responsibility:

We believe that our continued relationship with National Fuel Gas Corporation has been based of our ability to provide one of the widest ranges of professional surveying and mapping services available in the industry today. Time and time again we have proven our ability to quickly and professionally respond to all of our clients needs. Our size, investment in state of the art equipment and quality of people have given us the ability to field up to eight survey crews and provide them with the most up to date equipment available in the industry today.

Work For Which Firm Was/Is Responsible:

Surveying Services:

Numerous property surveys, subdivisions and the stakeout of well over 200 miles of proposed gas transmission lines.

GPS Services

Well locations of four gas storage fields.

Gas transmission line locations (including other related gas facilities) on over 1200 linear miles of lines.

Photogrammetric mapping control covering over 1000 linear miles of gas transmission lines.

Mapping control of over forty-five project sites.

Photogrammetric Mapping & Digital Orthophotos

Digital orthophotos produced on over thirty sites.

Mapping of over thirty-five sites including compressor stations and other gas transmission facilities.

Mapping of over 1000 linear miles of gas transmission lines.

Laser Scanning & Modeling

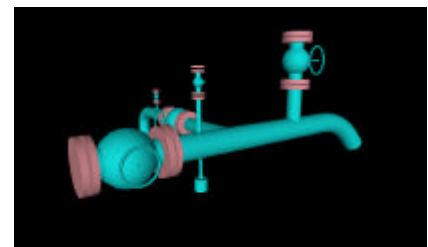
One pig launch station completed to date with several compressor stations and other gas transportation facilities under contract.

GIS/LIS

Land & Mapping Services is currently working on a "System Wide" hardcopy to softcopy conversion project for both the gas transmission and gas distribution divisions of NFG.

Output:

Final output on all of the projects described above included AutoCAD, Intergraph Microstation ARC/INFO and others.



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