



Division of Citizens Energy Group

Speaker: Richard A. Miller Jr.

**Utility Company's perspective on
Highway Projects**

Good Afternoon Everyone

- I have been an employee of Citizens Gas 31 Years in total with the last 11 years as the utility representative for all Public Improvement Projects.
- Citizens Gas is a Division of Citizens Energy Group we serve natural gas to all of Marion County and The City of Westfield Indiana.

Citizens Energy Group

- Citizens Energy Group recently purchased Veolia Water & Waste Water from the City of Indianapolis which has the name of Citizens Water.
- The transfer of water and waste water from the City of Indianapolis was complete on August 26, 2011 at a cost of slightly over \$400,000,000.

Citizens Energy Group has Five Divisions:

- Citizens Gas
- Citizens Water
- Citizens Thermal (Steam & Chilled Water)
- Citizens Resources
- Citizens Oil



Construction Delays can be Prevented if we all work together.

- Citizens Energy Group realizes that we are guest in the Public Right-of-Way and we are required to relocate our facilities to accommodate Public Improvement Projects.
- We just ask INDOT and the project designers to try and design around our facilities when it is possible. The vertical clearance must be 12” minimum in relation to Distribution and Transmission Gas mains so please keep this in mind during design.

Right-of-Way Issues

- When acquiring right-of-way for a project do not make any agreements with the property owner that will affect a utility. Example: No utility poles on the west side of the road. Just because the existing utility poles are on the east side of the road does not mean they will stay there during relocation. Please consider right-of-way needs of all utilities as you set up right-of-way limits.
- When an existing right-of-way is changed to Limited Access it causes location problems for the utilities. If there is no corridor created for the utilities we are forced to purchase easements which adds cost to the relocation and customer rates in the long run.

Accelerated Projects

- Accelerated projects are becoming more common. Remember an accelerated project adds cost to our relocation design and construction.

Other Issues

- INDOT Contractors must be aware of utility service connections which are being hit.
- Remember to clearly mark clear zones for above ground Utility Companies.

Mack Thomas-Frontier Fiber

- Remember to call before you dig and have the locates refreshed periodically before and after the utility relocations.
- Sometimes design plans have deviated due to field conditions which occurs during construction- please make the utilities aware of change orders that may effect us.
- Remember service drops to homes and businesses are not buried as deep as the mainline cables. Please dig carefully near pedestals, poles, and hand holes because cables may be more shallow.

Telecommunication Companies

- We may need to connect from one manhole to another or from one Station to another. This is very important if projects are broken into multiple phases or if one large project is split into two projects. Typically we are the last ones to relocate during a project due to shared poles or longer construction time frames. Consider these things during your design process. Consider also that one utility company may require another to relocate first. Example-Electric, Communication and Cable all may share a utility pole.

Water Companies

- 10 State standards-Sanitary Sewer separation from Water lines needs to be 10' minimum horizontally and 18 " vertically at crossings.

OSHA Standards:

- Consider horizontal and vertical clearance issues for Electric lines.