Communication and Collaboration make for affordable broadband networks

Presented by Allen Meyer
Vice President of RLM Underground
Email: allen.meyer@rlmunderground.com
The 4 Vs

• Who
  • Who are the specific and critical stakeholders
    • Community residents
    • City officials and engineering
    • Construction resources
The 4Ws

• What
  • What are the needs of the stakeholders
  • Broadband – NOW!
  • Low impact to the community
  • Ease of process
The 4Ws

• Where
  • Residential areas
    • Sidewalks, yards, Driveways
  • Right of Ways
    • Medians, between curbs and sidewalks
  • Emergency Response Routes
    • Near hospitals, nursing homes, etc.
The 4 Ws

- **When**
  - Project length
  - Proposed project start and end date
  - Delays
    - Weather
    - Material delays
Real Examples

• Unusual Vaults (vault designed for and by civil engineers)
• Grass restoration – seed and water. Then replace in the fall.
• Potholing required every 50’ of project
• “Don’t worry about locates – they are ready”
The “Impossible Hurdle” Award
The contractor shall proof test, in the presence of the Engineer, all installed 1” and 1.5” conduit via mandrel a minimum of 90% of the inner diameter of the conduit being tested.
The Supplier says......

“At a 90% fill ratio I would say that you will struggle to get a mandrel through, if it is even possible. For example, the 1” aluminum test slug offered by Condux offers about a 78% fill ratio. When blowing fiber the general rule is anything of 75% fill ratio presents difficulties getting it through. I don’t know of any mandrels that would offer a 90% fill (ratio). “