



#### **SHENTEL**

## **Project Plan**

- Municipal Engagement
- Utility Engagement
- Engineering and Construction
- Local Hiring
- · Sales & Marketing
- Community
   Engagement



#### **SHENTEL**

### **Current Status**

- Approved markets
  - Harrisonburg, Staunton, Lynchburg, Winchester, Front Royal, and Salem
- Ongoing construction, permitting, and engineering
  - · Aerial, buried, and microtrenching
- Additional markets planned
  - Continuing market development

5

6

#### SHENTEL

## **Keys to Success**

- Partnership
  - Value alignment
  - Continuous communication
- Creativity
  - Developing new processes
  - · Collaborative problem solving
- Dynamic Learning
  - "Fail fast"
  - · Short feedback loops



### Lynchburg Needs Fiber

- Lynchburg is a growing and diverse community
- · Ultra high speed and bandwidth is needed for
  - Residents
  - Anchor Institutions
  - Key Businesses
- We know that if Lynchburg is to continue to thrive, expanding fiber opportunities is vital
- The City realized that it needed a private partner to make this happen.
- Unfortunately, no local government is set up to handle this scale of project

7



### Leadership

- Success in this project requires City Leadership to show that:
  - We have a belief in the project and the vision
  - Expansion of fiber in the City must be a high priority
  - We are willing to create processes that are outside our normal business to get this work done
    - · Streamline review and permitting
    - Specifically engage with the public on what they can expect from construction occurring all over the City.
  - Everyone in our organization related to this project must be committed to making it work



# Current Review and Permitting Process

Technical Review Committee (TRC)

- Reviews all development projects within the City- work load concerns
- Committee meets twice per month
- Verbal and written comments provided
- Minimum one month approval process
- Separate process to issue MOT, excavation and other permits

9





# Alternative Review and Permitting Process

- Shentel submits full package including plans & all required permits for each job
- Review occurs outside of the TRC process- plans still meet all requirements
- City contracted with engineering consultant dedicated to fast track Shentel Fiber to the Home projects
- Shentel fully reimburses City for consultant services



# Alternative Review and Permitting Process continued

- Consultant reviews plans, permits, historic reviews & provides construction inspection
- Less than two week turnaround if package is complete
- Issue conditional approval of entire project
- Once construction dates are established final permits are issued
- Issue press release with construction details

11



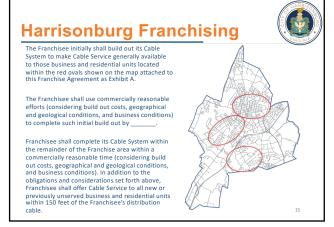
## **Harrisonburg Buildout**

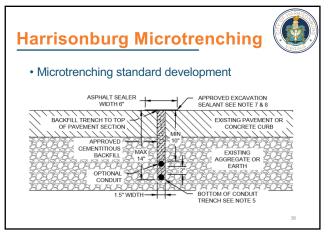


- · Barriers to entry erode competition
  - Unintended consequences
  - Status quo entropy
- Overcoming the barriers
  - FCC & DOJ guidance
    - · Incumbent protection
    - Municipal protection Competitor protection

· Collaborative creativity

13 14





15 16

### SHENTEL

## Conclusion

- Develop partnerships
- Take ownership/designate leaders
- Think differently
- Align municipal and corporate values and pace
- Continuous communication

17