



# JACKSBORO FTTH PROPOSAL





# PROJECT SUMMARY – PHASE 1

- DESIGN & BUILD 100% FIBER NETWORK THROUGH JACKSBORO'S POPULATION CENTER
- 100% BURIED FOOTPRINT
- SERVICE DELIVERY (FIBER) TO 228 SINGLE FAMILY HOMES & MANY BUSINESSES/INSTITUTIONS
- SERVICE DELIVERY (DEDICATED WIRELESS LINK) TO
  - COURTHOUSE
  - POLICE DEPARTMENT
  - FIRE DEPARTMENT
- UP TO 1GBPS SPEEDS TO EACH SUBSCRIBER
- MULTI-GBPS FIBER UPSTREAM BANDWIDTH

airfiber

## FIBER FOOTPRINT – PHASE 1





# TIMELINE

- ESTIMATED 5-10 MONTHS FROM COMMENCEMENT TO COMPLETION
- SUPPLY CHAIN ISSUES
- CONTRACTOR TIMELINE
- UPSTREAM FIBER CIRCUIT SERVICE DELIVERY & TTU



# UPSTREAM CONNECTIVITY

- ATT – 2GBPS SERVICE
  - ESTIMATED \$3000/MONTH
  - NO CONSTRUCTION
  - NO REDUNDANCY
- WINDSTREAM – 2GBPS SERVICE
  - \$1720/MONTH
  - \$145,070 CONSTRUCTION COST



PROJECT BUDGET

COMPONENT	COST	COMMENTS
DIG	\$802,184	HORIZONTAL DRILL & CONDUIT PLACEMENT
MATERIALS & EQUIPMENT	\$188,628	NETWORK EQUIPMENT, CONDUIT, FIBER, HANDHOLE BOXES, ACCESSORIES
FIBER PULL & SPLICING	\$100,681	FIBER CABLE PULL, SPLICING, TERMINATION, LABELING, TESTING
SUBSCRIBER SERVICE DELIVERY	\$115,140	MATERIALS & LABOR FOR SERVICE DELIVERY FROM THE STREAM TO SUBSCRIBER
ENGINEERING	\$44,000	ENGINEERING & CONSULTING
TOTAL	\$1,250,633	



THANK YOU

