STONE BRIDGE HIGH SCHOOL
&
MICKIE GORDON MEMORIAL PARK

PUBLIC BRIEFING
APRIL 14, 2021
BACKGROUND
MILESTONE TOWERS

- 20 Years in Business
- 130+ Towers Constructed
- 60+ Public & Private Landowner Partners

Albemarle County Schools
Cumberland County Schools
Fairfax County Schools

Fauquier County Schools
Halifax County Schools
Manassas Park City Schools
Loudoun County

Loudoun County Schools
Lynchburg City
Prince William County Schools
Roanoke City
Stafford County
and more ...
OVERVIEW

- Master License Agreement signed on Aug 2020
- Public-private revenue sharing partnership
- Space reserved for LCPS or County (public safety) use

PROCESS (via Reg 6350):

- Site Proposal / Assessment
- LCPS Review
- Public Briefing
- LCPS Finance and Operations Committee
- LCPS School Board
- County Land Use Process
- Site License Agreement
- Site Development
AT&T Objective: Coverage & Capacity

- Mickie Gordon Park – Improved Coverage Area
- Stone Bridge HS – Improved Coverage Area
In addition to its commercial wireless network, AT&T has partnered with FirstNet to deploy a separate mobile network dedicated to first responders and schools.

Stone Bridge HS & Mickie Gordon Park monopoles will have both AT&T and FirstNet service.

LCPS school safety and transportation personnel communicate via FirstNet and County radio systems.

- 600+ FirstNet Ready devices currently in use across the school district.
Proposing a monopole tower design for both projects

AT&T is lead carrier at the top antenna centerline

Tower built to serve at least 3 additional providers in the future, including broadband, wireless, and LCPS/public safety
MONOPOLE EXAMPLES
FACILITY COMPOUND EXAMPLES
STONE BRIDGE HS
**LOCATION**

- **Parcel Information**
  - Owner: Loudoun County School Board
  - Size: 57.5 acres

- **Proposed tower location setbacks**
  - 329’ – 1,133’ from property lines
  - 428’ from closest residence
  - 425’ from Hay Road

- **More than 1,000 parcels within AT&T’s improved service area**
  - Over 1,750 students + staff
PROPOSED FACILITY

- Proposed site location – SW campus
  - Green space between tennis courts and practice field

- Site facility
  - 81’ x 31’ compound (blue)
  - 10’ wide access road (yellow)
  - 8’ chain link fence with slats

- 155’ tall monopole
  - AT&T first carrier
  - Space for 3 additional providers - broadband, wireless, school / public safety
PHOTOSIMULATIONS
PHOTO LOCATION & VISIBILITY

BALLOON VISIBILITY

Positive line of sight Location
Negative line of sight Location
STONE BRIDGE HS
PROPOSED MONOPOLE

PHOTO #2
PHOTO #14

STONE BRIDGE HS
PROPOSED MONOPOLE
PHOTO #16

STONE BRIDGE HS PROPOSED MONOPOLE
• **Parcel Information**
  • Owner: Loudoun County School Board
  • Use: PRCS athletic fields and recreation
  • Size: 99.9 acres

• **Proposed tower location setbacks**
  • 206’ – 2,095’ from property lines
  • 744’ from closest residence
  • 1,212’ from Carters Farm Ln

• **Mature trees line N, W, E property line, and across southern half of parcel**
  • Dense forest located north, NW, NE
PROPOSED FACILITY

- Proposed site location – north park area
  - Green space immediately north of parking area and baseball field

- Site facility
  - 74’ x 34’ compound (blue)
  - 10’ wide access road (yellow)
  - 8’ chain link fence with slats with slats

- 185’ tall monopole
  - AT&T first carrier
  - Space for 3 additional providers - broadband, wireless, school / public safety
PHOTOSIMULATIONS
PHOTO LOCATION & VISIBILITY

BALLOON VISIBILITY

Green: Positive line of sight Location
Red: Negative line of sight Location

SITE

27
PHOTO #8

MICKIE GORDON PARK
PROPOSED MONOPOLE
PHOTO #11

MICKIE GORDON PARK
PROPOSED MONOPOLE
PHOTO #15
MICKIE GORDON PARK
PROPOSED MONOPOLE
PHOTO #1

MICKIE GORDON PARK
PROPOSED MONOPOLE
To submit a question or comment, please use the following Google Forms:

- Mickie Gordon Park - Google Forms Link
- Stone Bridge HS - Google Forms Link

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