

**Wireless Network Upgrade Project – 160
Schools Close-out Report**

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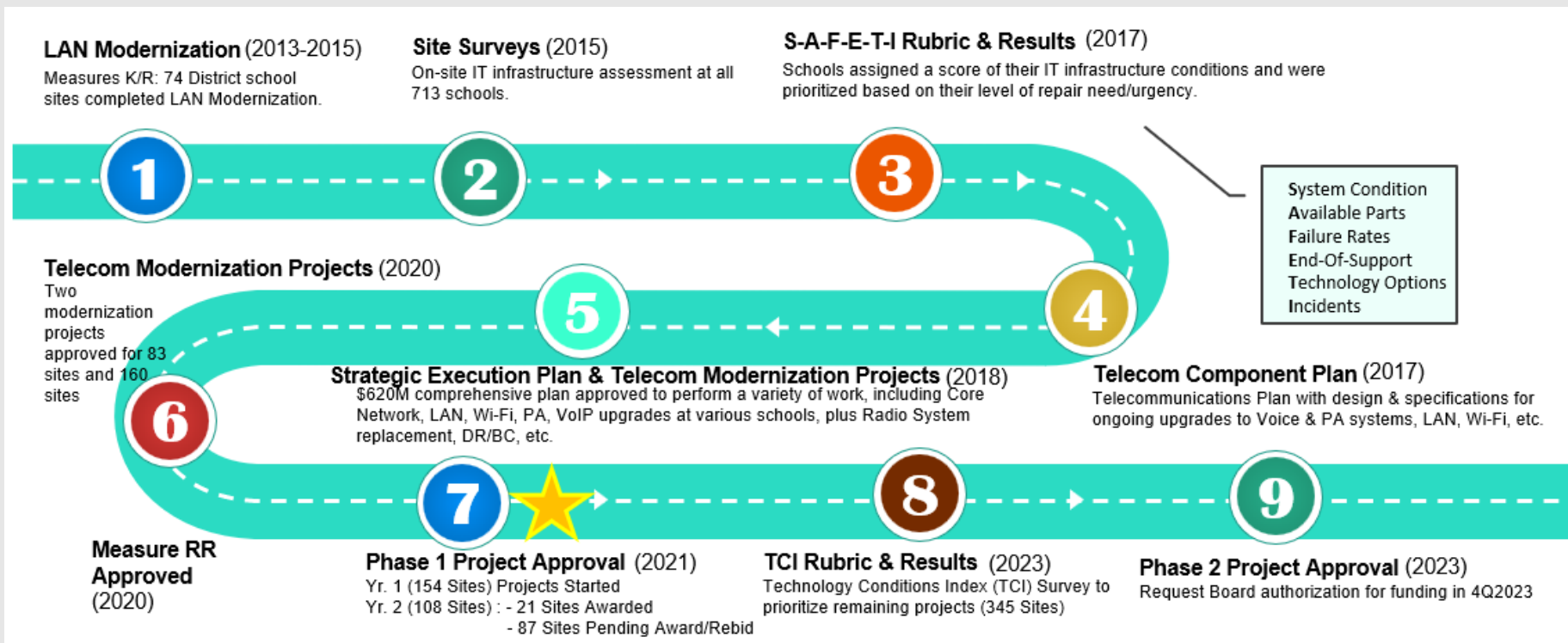
Executive Summary

ITS modernized Wi-Fi networks at **160 school sites** serving approximately **162,000 students**.

The objective was to replace existing outdated Wi-Fi equipment with new to increase network capacity and reliability to support digital learning.



School Network Modernization Program Context



Benefits to Schools

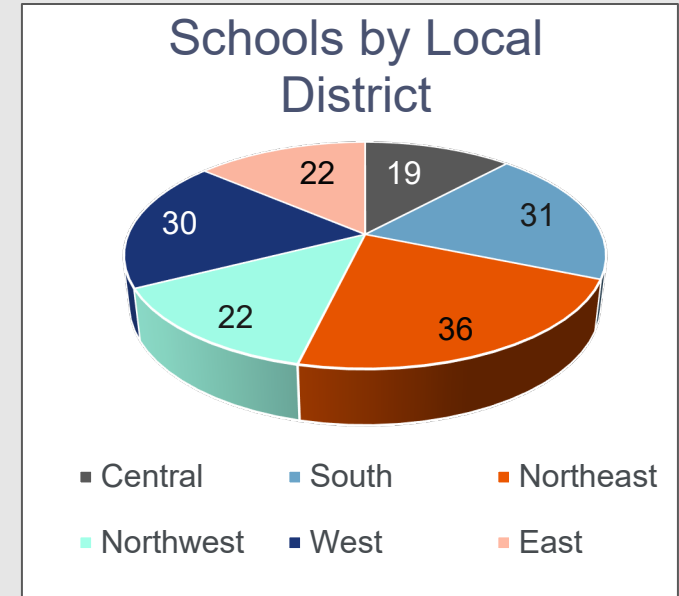
- Supports digital instruction and online assessment
- Improved reliability and quality of school Wi-Fi services
- Improved Wi-Fi speed by up to 70%
- Supports 60+ concurrent users per classroom
- Limited lifetime warranty
- Zero downtime
- Zero disruption to school operations during installation



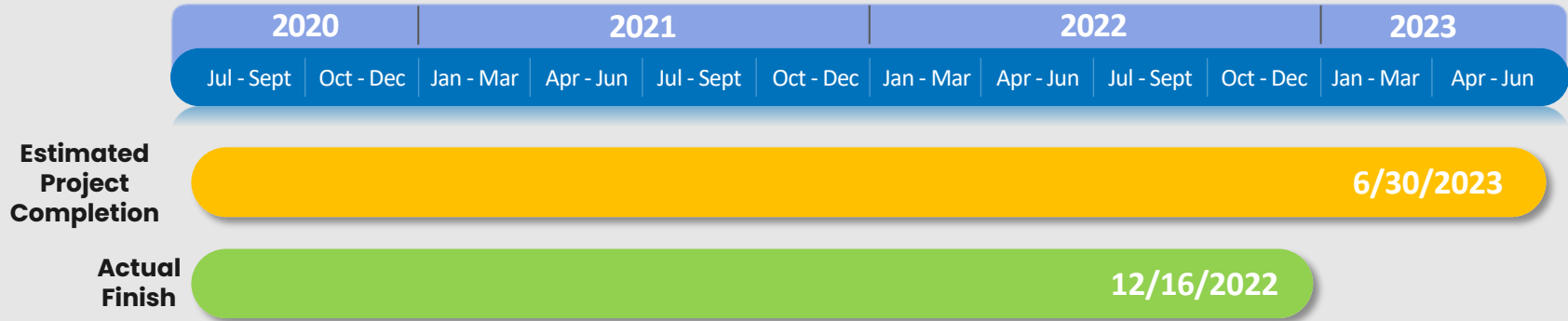
Speed test results increased
from 92 Mbps → 156 Mbps
@ LA High School

Project Scope

- 160 schools across all local districts
 - Equipment older than 5 years
 - Expired commercial support
 - E-rate funding availability
- Contractor: AAA Network Solutions
 - Modern technology
 - 159* Wi-Fi controllers
 - 18,154 – Access points & antennas
 - Included design, installation, configuration, testing services



Project Schedule



Project completed 6 months ahead of schedule!

Project Budget

Original Project Budget	FY 20–21 Expenditures	FY 21–22 Expenditures	FY 22–23 Expenditures	Total Project Expenditures	Project Savings
\$6,161,300	\$643,265	\$2,515,860	\$1,296,105	\$4,455,230	<u>\$1,706,070</u>

- Bond funds allocated: \$6.1M
- Potential E-rate reimbursement amount: Approximately \$3.4M
- Project savings to be applied towards other approved technology bond projects

Testimonials

Here is what schools have to say:



"The wireless system is working well. We appreciate your help. It gives us faster speeds. It was done in a timely manner. I am pleased."

-Dennis R. Schaffer (Principal-South Park EL)

"[Wireless project] No disruptions. Very smooth from old to new. The Team worked quickly and were organized. Works perfectly."

-Didiana Ramirez (Principal – Fleming MS)

"The wireless system is working well at our school. We are thrilled."

-Cheryl B. Bloom (Principal – Madison MS)

"The wireless is working awesome"

-Rosalinda Moreno (School Administrative Assistant – President EL)

"The wireless system has been working good at Westside Global."

-Luz Sanchez School Administrative Assistant – Westside Global)

School Network Modernization Program Progress & Next Steps



**Wi-Fi System Upgrades
(160 School Sites)** – Completed
December 2022



**Telecom & Network Upgrades
83 School Sites** – Pending
Completion March 2023



**School Network Systems Upgrade, Phase
1 (262 School Sites)** – In Progress
Contract awarded for 151 Group 1 sites.
Board authorization received for 21 Group
2 sites



**School Network Systems Upgrade,
Phase 2 (345 sites)** – Pending Approval
Anticipated 4Q2023 BOC
recommendation and Board
authorization

Questions?