

# Action Sheet

**MEETING DATE:**

**October 28, 2026**

**AGENDA ITEM:**

**Discuss and Consider approval of the Administration's MIS initiatives as presented to address the critical services during outages at Crenshaw Environmental Science Magnet Campus.**

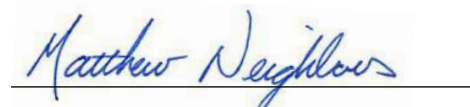
Following a recent extended AT&T outage at Crenshaw Environmental Science Magnet, Management Information Systems (MIS) conducted a comprehensive assessment to address critical operational and safety vulnerabilities tied to the school's unique location and building design. Because all campus network traffic routes through a single AT&T Wide Area Network (WAN) circuit back to the district data center at 3904 Avenue T, any physical break or service disruption in this fiber line isolates the school. A single outage simultaneously disables internet access, VoIP phone lines, student attendance tracking, and essential life-safety systems including fire alarms, burglar alarms, and security video surveillance. Compounding this challenge, the building's hurricane-resistant structural materials block outdoor cellular signals, preventing staff personal cell phones from serving as a fallback during landline failures.

To maintain immediate operational continuity and support classroom instruction during circuit drops, MIS implemented targeted short-term workarounds. These include deploying an emergency analog phone connected directly to an active fax line for essential office communications, as well as configuring a local network bypass account that allows staff to print instructional materials on office multi-function printers without requiring central server connection.

To eliminate single points of failure and establish permanent campus resiliency, MIS is pursuing two long-term strategic initiatives. First, MIS is conducting a cost and feasibility analysis for T-Mobile Super Broadband, a fully managed enterprise solution that combines fixed 5G wireless with Starlink satellite connectivity into a dual-pathway service. Operating completely independent of terrestrial fiber lines, this off-grid connection will provide automatic failovers to keep critical life-safety and administrative functions online during main circuit failures, with a complete proposal expected before the end of October. Second, MIS is researching a low-cost option to install dedicated indoor cellular infrastructure, directly addressing structural signal degradation and restoring full indoor mobile coverage for campus staff. Together, these measures safeguard campus operations, protect life-safety systems, and ensure an uninterrupted learning environment for our students. All potential expenditures below \$50,000.

**RECOMMENDATION:**

**I move that the Board of Trustees approve the Administration's MIS initiatives as presented to address the critical services during outages at Crenshaw Environmental Science Magnet Campus.**



Matthew Neighbors, Ed. D.  
Superintendent



Jeff Martello  
Chief Financial Officer