



**Mt. Diablo Unified School District  
Technology Improvement Program  
2018 Measure J Series A, 2018 COP  
& Health & Safety**

**Report to the Board of Education  
Proposed Technology Project List Facility Master Plan #15  
Technology Infrastructure  
May 13, 2019**



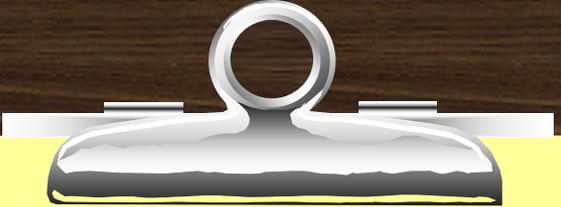
# MDUSD's Technology

- Limited Wi-Fi
- Limited Back Up Systems
- Critical Servers that have exceeded or are near their useful life
- Dated/Obsolete Equipment
- Incomplete Cabling, and other infrastructure in areas not covered in Measure C



# Educational/Operational Impact

- Limited and unreliable access to programs
- Unreliable access to operational programs/equipment
  - Business/Operational Programs
  - Telephones



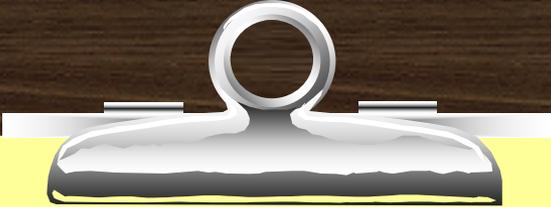
# MDUSD's Technology Needs

- **WiFi in Administrative Complexes, School Administrative Buildings, Multi-Use Rooms and other Collaborative Environments - \$20.5 million**
- **At M&O upgrade \*Backbone, Cabling and add a Generator for redundant power - \$3 million**
- **At Dent upgrade Backbone to 40 GB, drops (electrical high-voltage), and include all rooms to Generator - \$1 million**

**TOTAL:**

**WiFi/Backbone/Cabling/Generator/Drops = \$24.5 Million**

**\*Backbone: connections btwn. bldgs.**



# Safety Needs

- Adding backbones to parking areas - **\$70,000** per \*MDF
- Adding external poles in public areas for wireless or cameras - **\$25,000** per pole

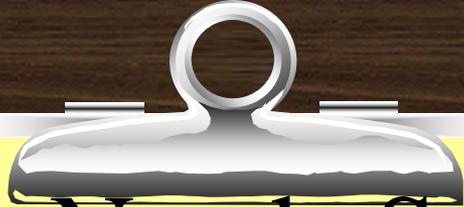
**TOTAL:**

**Backbones & Poles = \$500,000**

**exact amount to be determined pending:**

- Unforeseen improvements/repairs and
- Additional poles

**\*MDF: main distribution frame**



# Technology Needs Support Item 15 Technology Infrastructure of the Facility Master Plan

Total Cost & Amount Requested:

WiFi/Backbone/Cabling/Generator/Drops = **\$24.5 Million**

External/Public Areas: Backbones & Poles = **\$500K**

**Total Requested      \$25 Million**



# Funding Sources

• Measure J Series A	\$20 Million
• 2018 COP	\$ 2 Million
• Health & Safety	<u>\$ 3 Million</u>
Total Requested	\$25 Million



Thank You

Questions???