

Digital Display Replacement at Stillman Valley High School

Introduction:

This executive summary recommends the replacement of the existing outdoor digital display system at Stillman Valley High School. The current system, consisting of two display boards, is experiencing critical failures, necessitating a comprehensive upgrade.

Current Situation and Challenges:

- **Display Failure:** One of the two existing digital display boards is no longer functional and is out of warranty.
- **Imminent Risk:** The operational status of the second display is uncertain, posing a risk of complete system failure.
- **Obsolescence:** The original manufacturer no longer produces the model or size of our current displays, making direct replacement or repair challenging and costly (estimated \$7,500 to replace just one display).
- **Incompatibility:** New, larger display models, while more affordable, will not fit into the existing base structure.

Proposed Solution and Benefits:

Entré Computer Solutions has provided a proposal for a complete replacement of the existing outdoor displays and enclosure with an updated, larger model. This solution offers several advantages:

- **Modernization:** Replacement with two Peerless-AV Xtreme High Bright Outdoor Displays (54.6" LED-LCD TV) ensures a state-of-the-art, reliable display system.
- **Enhanced Visibility:** The new displays are larger, offering improved visibility and impact for school announcements, events, and community information.
- **New Enclosure:** The project includes a new Peerless-AV Outdoor Digital Menu Board enclosure, designed to accommodate the larger displays and fit on the existing concrete sub-base, minimizing civil work.
- **Cost-Effectiveness:** While a complete system, the new displays have significantly decreased in price, making this comprehensive replacement a more financially sound long-term solution compared to attempting piecemeal repairs on an obsolete system.

Project Cost and Responsibilities:

The total cost for the new display hardware and enclosure, including labor from Entré Computer Solutions for setup, is \$13,308.90 (excluding tax). This includes:

- Two (2) Peerless-AV Xtreme High Bright Outdoor Displays: \$7,628.58
- One (1) Peerless-AV Outdoor Digital Menu Board Enclosure: \$3,005.32
- Entré Prepaid Tech Time (15 hours): \$2,175.00

- Shipping/Handling: \$500.00

District Responsibilities:

- **Removal:** The District will be responsible for the removal and disposal of the old base and displays.
- **Electrical Work:** The District will be responsible for hiring an electrician to wire the new enclosure for power. As electricity is currently routed to the location, this cost is anticipated to be minimal.
- **Existing Hardware:** Meridian staff are responsible for retaining existing enclosure security hardware for reuse.

Entré Computer Solutions Responsibilities:

- **Installation Assistance:** Entré will assist in putting the new base on the concrete sub-base and setting up the new displays.
- **System Setup:** Entré will configure the new display system.

Timeline:

The proposed items are in stock and, upon Board approval, would be shipped directly to the District, allowing for a prompt project initiation.

Recommendation:

Given the failure of one existing display, the uncertainty of the second, the obsolescence of the current model, and the cost-effectiveness of a full replacement with larger, modern units, it is recommended that the Board of Education consider approval to purchase the replacement of the outdoor digital display system at Stillman Valley High School as proposed by Entré Computer Solutions. This investment will provide a reliable, high-quality communication tool for our school and community for years to come.