

# Community Bond Committee

## Meeting #6

September 19, 2018



LEWISVILLE INDEPENDENT SCHOOL DISTRICT

# Summer 2018 Construction Update

Presented by

Jason Hughes, Executive Director  
Randy Fite, Director



LEWISVILLE INDEPENDENT SCHOOL DISTRICT

# Year 1 Workload Summary

2017 Bond -	\$125 million
2008 Bond -	\$27.5 million
2017 Storm Damage Repairs -	\$15.4 million
Total -	\$168 million

Summer 2018 Duration – 9 weeks



# 2008 Bond Projects



# Old Settlers ES - Before & After (2008 Bond)



# Old Settlers ES - Before & After (2008 Bond)



# Old Settlers ES - Before & After (2008 Bond)



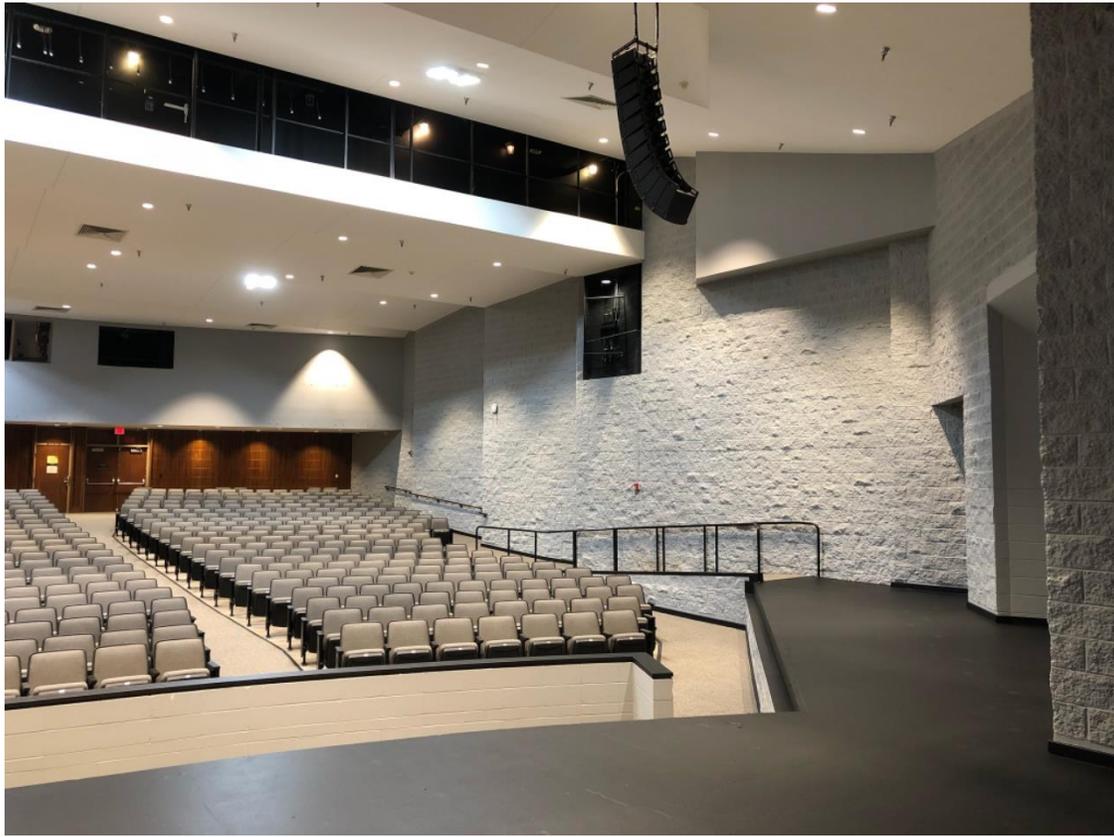
# Old Settlers ES – After (2008 Bond)



# Marcus HS Parking Lot – After (2008 Bond)



# Marcus HS Auditorium – Before (2008 Bond)



# Marcus HS Auditorium – After (2008 Bond)



# Marcus HS Auditorium (2008 Bond)



# TCHS Auditorium – Before (2008 Bond)



# TCHS Auditorium – After (2008 Bond)



# Flower Mound 9<sup>th</sup> Grade Concrete Floor (2008 Bond)



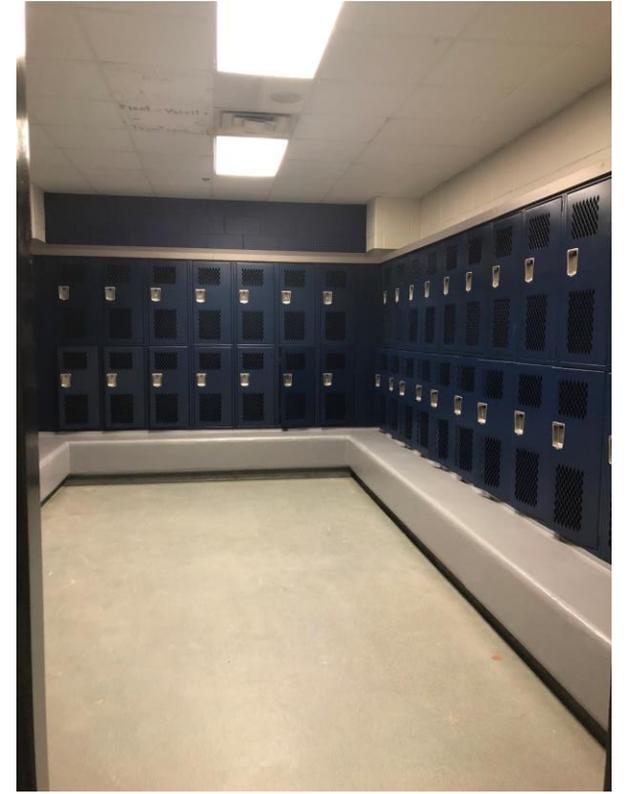
# Flower Mound 9<sup>th</sup> Grade Concrete Floor (2008 Bond)



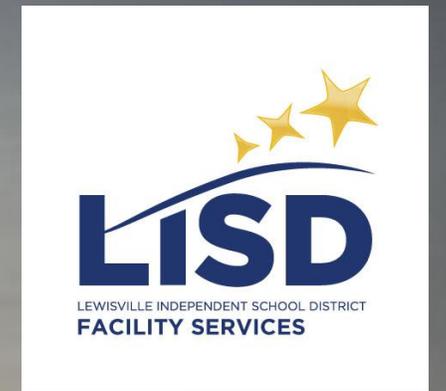
# Marcus HS Locker Rooms – Before (2008 Bond)



# Marcus HS Locker Rooms – After (2008 Bond)



# Flower Mound HS Locker Rooms – After (2008 Bond)



# 2017 Bond - New Facilities



**Balfour Beatty**  
Construction

*New Mill Street Elementary School*

Print #180612193  
Date: 06/12/18  
Lat/Lon: 33.040925 -96.994339  
Order No. 65536  
 Aerial Photography, Inc. 954-568-0484



**Balfour Beatty**  
Construction

*New Mill Street Elementary School*

Print #180718039  
Date: 07/18/18  
Lat/Lon: 33.040925 -96.994339  
Order No. 65536  
 Aerial Photography, Inc. 954-568-0484

# Mill Street ES



**Balfour Beatty**  
Construction

*New Mill Street Elementary School*

Print #180815134  
Date: 08/15/18  
Lat/Lon: 33.040925 -96.994339  
Order No. 65536  
Aerial Photography, Inc. 954-568-0484



**Balfour Beatty**  
Construction

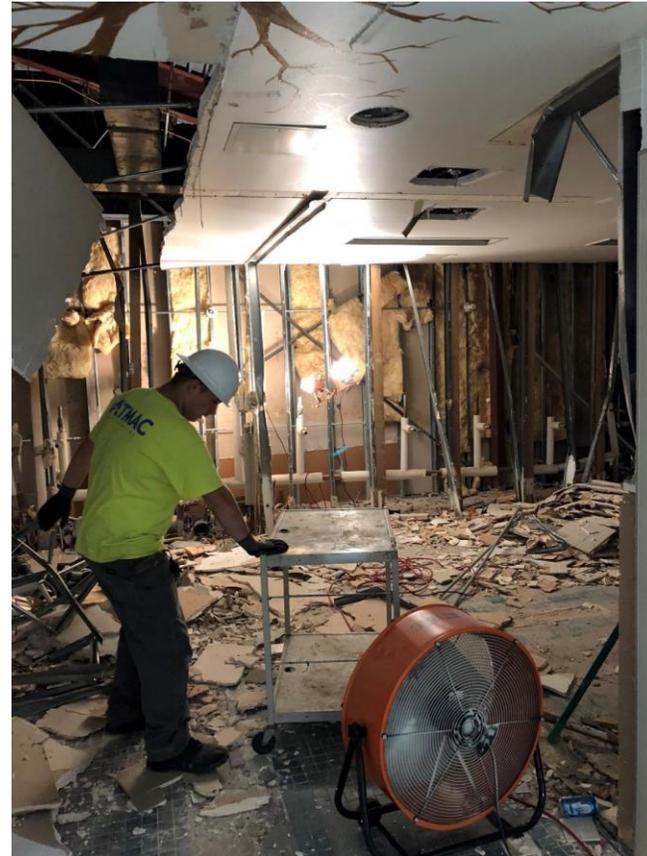
*New Mill Street Elementary School*

Print #180829098  
Date: 08/29/18  
Lat/Lon: 33.040925 -96.994339  
Order No. 65536  
Aerial Photography, Inc. 954-568-0484

# Mill Street ES

A photograph of a construction site at sunset. A large concrete pump truck with a long, articulated boom is silhouetted against the bright, low sun. The boom extends across the top of the frame. In the background, there are several dark, rectangular buildings under construction. The ground in the foreground is a flat, dark surface, possibly a parking lot or construction area.

# 2017 Bond - Existing Facilities



# Creekside ES - During



# Creekside ES – Before & After

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# Creekside ES - After

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# Creekside ES – Before & After



# Creekside ES – Before & After

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# Creekside ES – Before & After

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# Polser ES 20 Year Refresh & STEM Projects

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# Polser ES 20 Year Refresh & STEM Projects

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# Polser ES 20 Year Refresh & STEM Projects

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# Donald ES STEM - Before

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# Donald ES STEM - After

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# Donald ES STEM - After



# Donald ES STEM - After

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# Marcus HS Limited Refresh

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## Second Floor - Before



# Marcus HS Limited Refresh

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## Second Floor - After



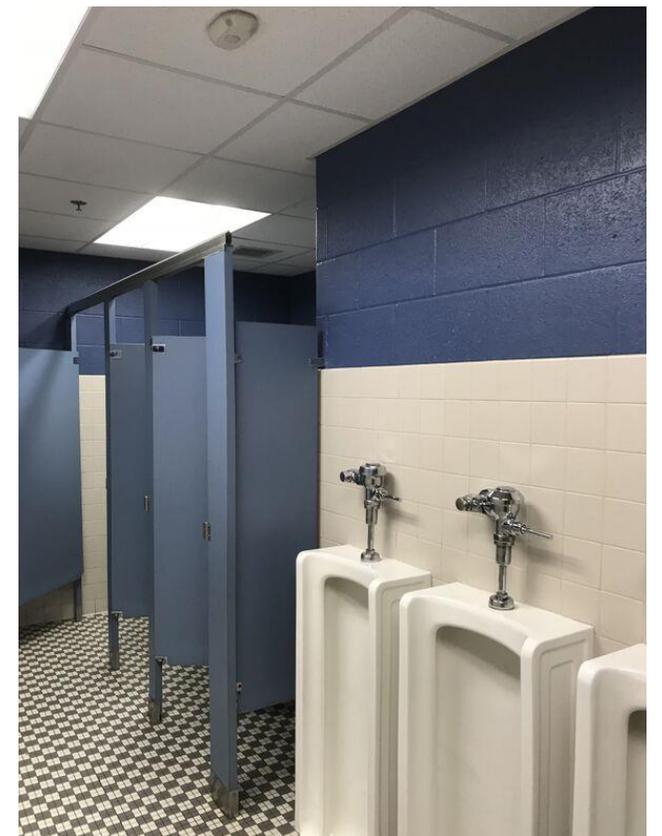
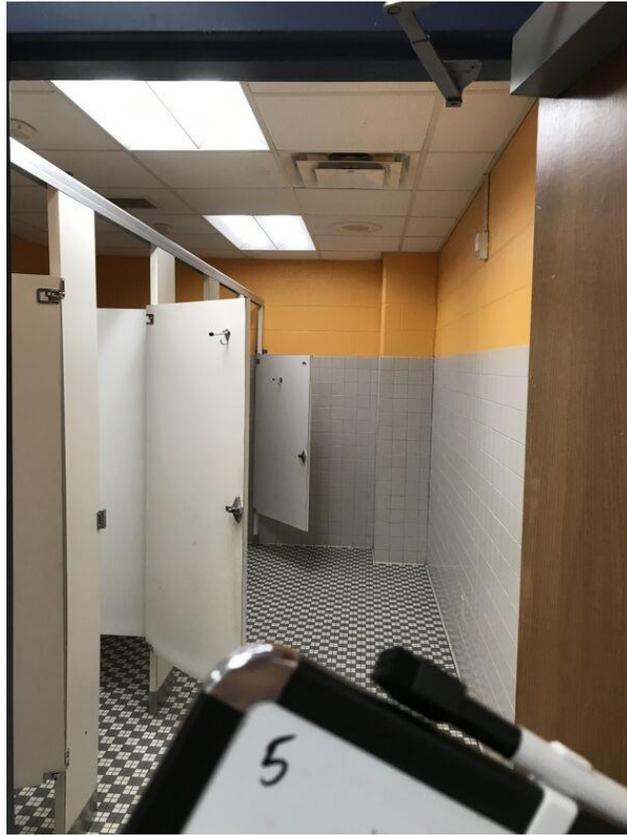
# Marcus HS Limited Refresh

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## Second Floor - After



# Valley Ridge & Liberty ES Playgrounds

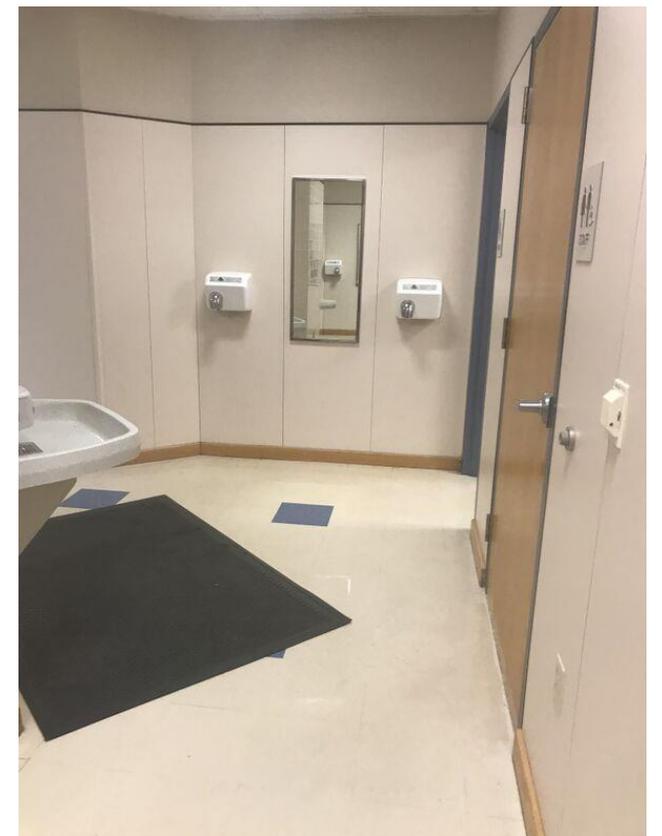


# Ethridge ES Restroom Renovation - Before



# Ethridge ES Restroom Renovation - After

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# Flower Mound ES Restroom Renovation - Before

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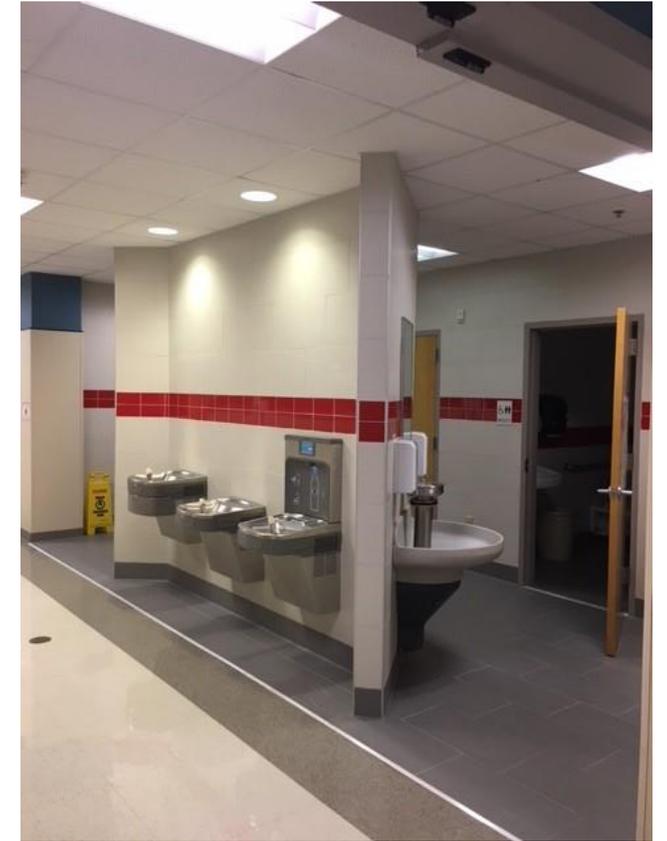


# Flower Mound ES Restroom Renovation - After



# Heritage ES Restroom Renovation - Before

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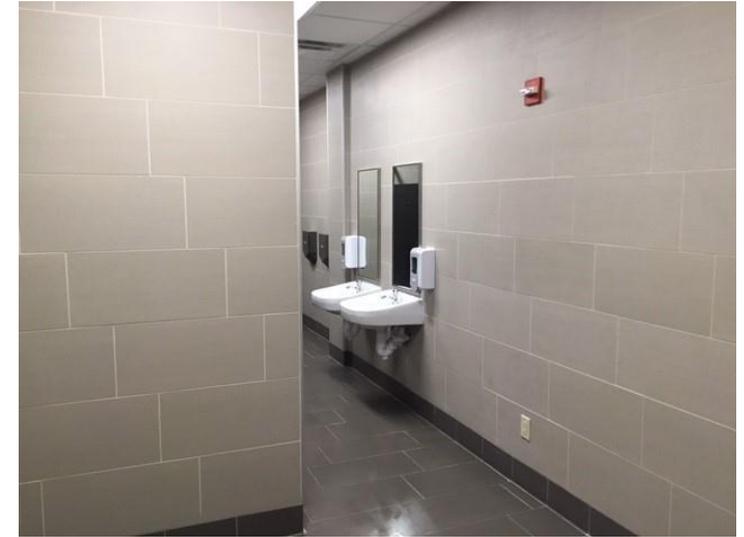
# Heritage ES Restroom Renovation - After

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# Lakeview MS Restroom Renovation - Before

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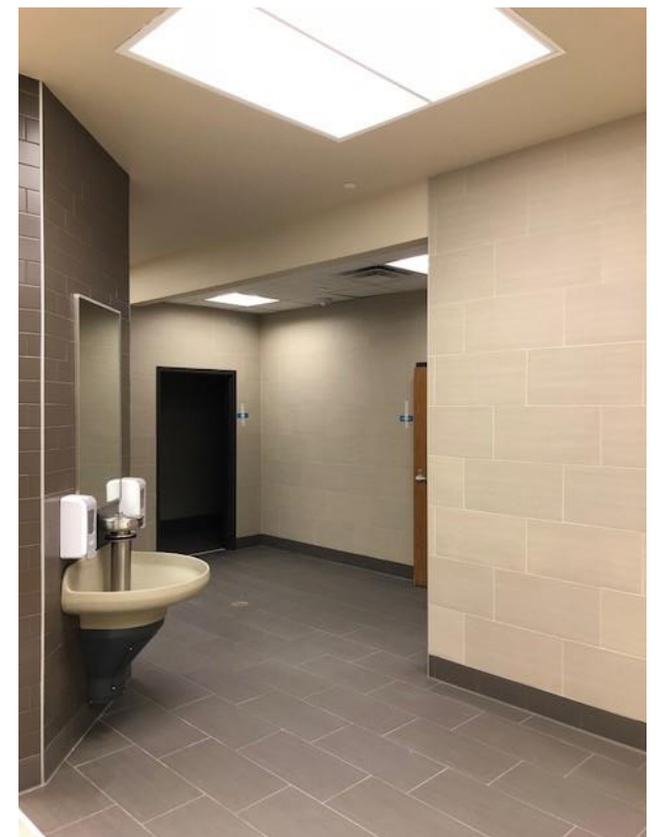
# Lakeview MS Restroom Renovation - After

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# Morningside ES Restroom Renovations - Before

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# Morningside ES Restroom Renovations - After

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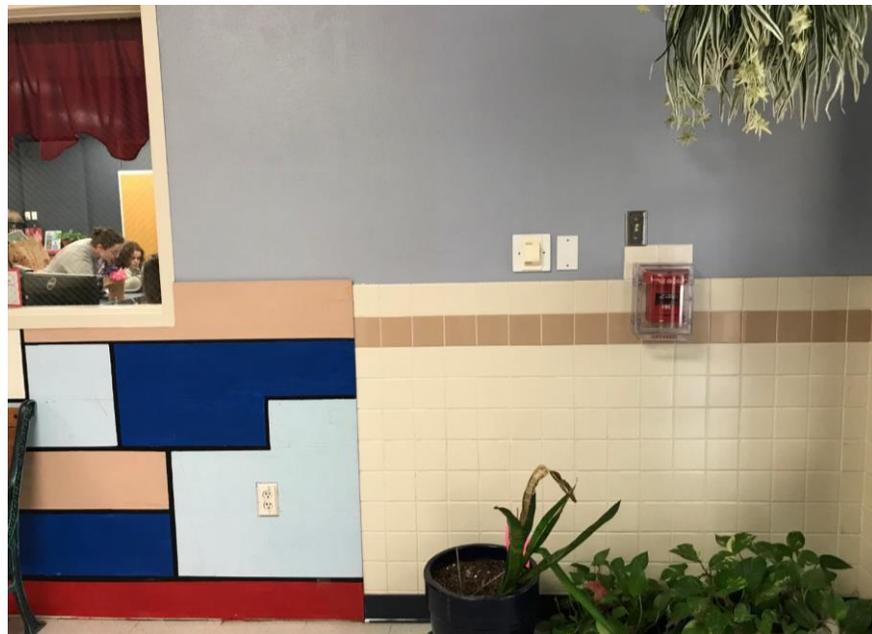
# Stewarts Creek ES Restroom Renovation - Before

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# Stewarts Creek ES Restroom Renovation - After

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# Flower Mound ES Wall Finishes - Before

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# Flower Mound ES Wall Finishes - After

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# Indian Creek ES Wall Finishes - Before

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# Indian Creek ES Wall Finishes - After

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# Lakeview MS Wall Finishes - Before



# Lakeview MS Wall Finishes - After

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# Marcus HS Track and Turf - After

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# Marcus HS Track and Turf - After

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## Other Year One Projects Not Shown:

Career Center West – January 2019 GMP  
District Wide Access Controls  
Exterior Lighting Replacements  
The Colony Softball Field Replacement  
The Colony HS Athletics Renovations  
Stage Curtains and Lighting Replacements  
LISD Administrative Center Expansion and Renovation  
HVAC Controls at 4 Campuses  
Hebron Valley Re-Roof  
Furniture Replacement at Highland Village ES  
Storm Damage Repairs

# Year Two Projects Currently In Design:

New Hedrick MS

10 Classroom Addition to Vickery ES

New Josey ES

Fines Arts Additions/Renovations at 3 Campuses

Exterior Lighting Phase 2 – 10 Campuses

Forest Vista Playground Replacement

Lakeview MS Flooring

LISDOLA Renovations

College Street Renovations

Campus Support Renovations

Hebron HS Multi-Purpose Facility

Hebron HS Indoor Athletic Center

## Year Two Projects Currently In Design (Cont.):

Central ES 20 Year Refresh

Degan ES 20 Year Refresh

Parkway ES 20 Year Refresh

Timbercreek ES 20 Year Refresh

Valley Ridge ES 20 Year Refresh and STEM Academy

Ethridge ES Re-Roof

The Colony HS Entry Renovations

The Colony HS Limited Refresh

Security Vestibule Renovations

Fiber Projects at 4 locations

**QUESTIONS?**



LEWISVILLE INDEPENDENT SCHOOL DISTRICT

# Summer 2018 Technology Update

Presented by

Bryon Kolbeck, CTO



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# Instructional Learning Devices



## Summer 2018

- Collected Senior iPads
- Re-purposed iPad Airs for PK-3
- Deployed 8,000+ teacher laptops and iPads



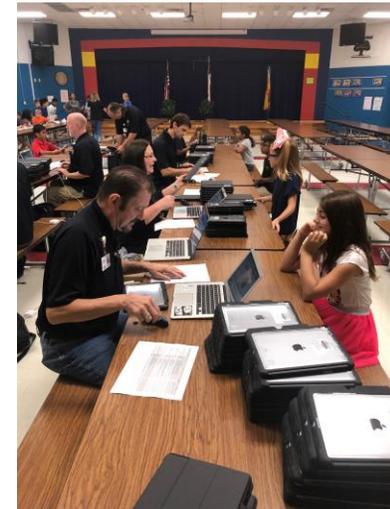
## Fall 2018

- Deployed over 7,000 iPads to grades 4-5
- Took delivery of High School iPads this week
- Deploying High Schools & reimaging iPad Airs 9-24 to 10-26
- Repurposing iPad Airs at MS 11-5 through 11-16
- Residual Value Project



## Spring 2019

- Evaluate impact of iPads with keyboards
- Develop Year Two Device Replacement Plan



# Program Specific Devices

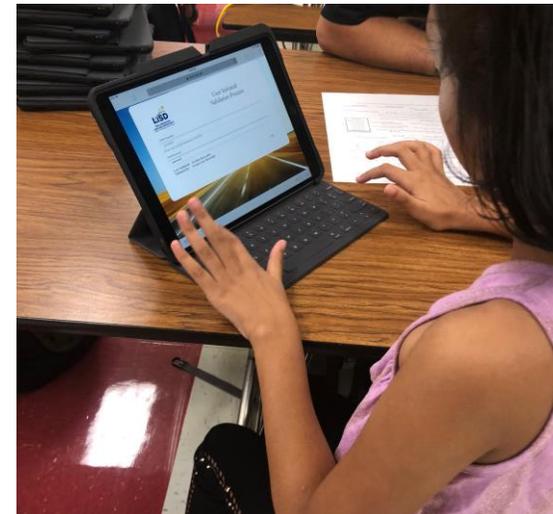
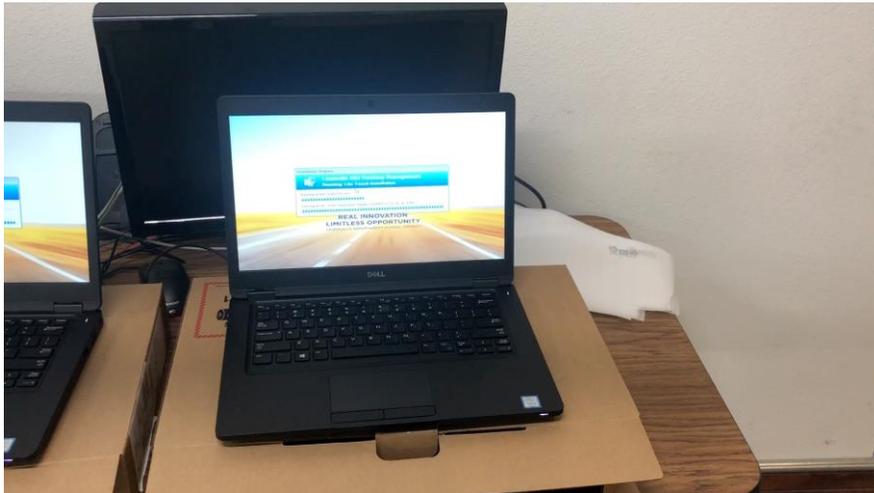


## Summer 2018

- Refreshed over 4,500 5+ yr. old Windows computers

## Spring 2019

- Evaluate impact of iPads with keyboards for
- Develop Year Two Device Replacement Plan





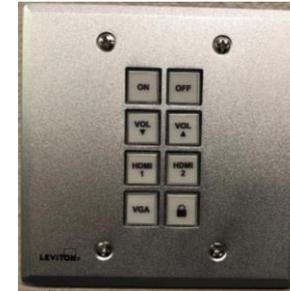
**Results**  
**Deployed over  
19,500 Devices.....  
and Counting**



# Classroom Technology

## Summer 2018

- Installed AV Kits and projectors at Killough
- Installed 286 projectors in non-renovation campuses
- Completed electrical for FMHS AV Kits (150 rooms)
- Job Order Contract for electrical and installation services approved for remaining years of Bond program



## Fall 2018 – Summer 2019

- Installing 671 Apple TVs with projectors to provide wireless projection from student and staff devices
- Installing projectors, mounts, and electrical where needed for Year One campuses.
- Complete Electrical Engineering for Year Two campuses (15)
- Order, receive and install all AV components needed for Year Two campuses



# Network and Infrastructure

## Summer 2018

- Wireless Refresh- New controllers installed and 20 campuses are completed with wireless access points and new network switches
- Completed Cisco Network Security Upgrades
- Video Streaming System installed and configured
  - Includes Cisco Network Access Control
- Other important non-bond related projects
  - Selected a Managed Security Service Provider (MSSP)
  - Cloud Security Solution (in-progress)
  - ISP and Telcom provider changes



## Fall 2018 – Summer 2019

- Complete wireless at remaining campuses (by Dec.) and non-instructional facilities (early 2019)
- Datacenter Network Storage Refresh
- Datacenter Network Core Refresh (summer 2019)
- Timeclock Replacement
- Begin design of fiber optic Wide Area Network (WAN) ring



# Campus Sound and Paging

## Fall 2018 – Summer 2019

- Procure replacement paging systems in non-renovation campuses
  - Interface legacy systems with new notification and phone systems
- Procure replacement campus sound systems for common areas in non-renovation campuses



# Safety and Security- Technology Related Projects

## Summer 2018

- Dixon Sports Complex fiber project contractor selected
- Replaced security cameras at nearly all campuses (Phase 1)
- Expanded security cameras (Phase 2, est. complete early October)

## Fall 2018 – Summer 2019

- Dixon Sports Complex fiber permitting and installation
- Phase 3 of security cameras and storage
- Implement access control solution
- Integrate and optimize Singlewire capabilities
- Design fiber optic network for East Side Aquatic Center, LISDOLA, and FMHS, Hebron HS & The Colony Press Boxes



**QUESTIONS?**



LEWISVILLE INDEPENDENT SCHOOL DISTRICT