



Construction Report
June 9, 2020
Operations Division
Denton Independent School District

Prepared by:

Paul Andress, Executive Director of Operations

Garry Ryan, Executive Manager of Construction, Planning & Growth

Sherry Utchell, Administrative Assistant

Balfour Beatty Construction

Northstar Builders

Stantec Architects

VLK Architects

Table of Contents

Construction Expenditures.....page 3

Payments 2013 Bond Authorization.....page 4

Payments 2018 Bond Authorization.....page 5

Technology Projects.....page 7

New Denton High Update.....page 13

Strickland Middle Renovations.....page 18

W. Wilson Elementary Replacement Campus.....page 23

Ryan High Renovations Update.....page 32

Guyer High Renovations Update.....page 34

Renovations.....page 37

Kitchen Renovations.....page 38

Construction Expenditures

2013 Bond Projects – February 2019 – April 2020

2018 Bond Projects – February 2019 – April 2020



Construction Expenditures Cont.

2013 Bond Expenditures			
February 2020			
Project Name	Vendor	Fees	Construction
Union Park Elementary	Balfour Beatty (Pay App 18)		\$ 738,533.00
Monthly Total		\$ -	\$ 738,533.00
March 2020			
Union Park Elementary	Balfour Beatty (Pay App 19)		\$ 48,674.00
Monthly Total		\$ -	\$ 48,674.00
April 2020			
Union Park Elementary	Balfour Beatty (Pay App 20)		\$ 115,868.00
Monthly Total			\$ 115,868.00
Three Month Total		\$ -	\$ 903,075.00



Construction Expenditures Cont.

2018 Bond Expenditures			
February 2020			
Project Name	Vendor	Fees	Construction
Wilson Elementary School	Balfour Beatty (Pay App 6)	\$ -	\$ 495,190.00
	D&S Engineering (Invoice 19-0365-5)	\$ 11,024.76	
	Provident Group (Invoice 01202180)	\$ 4,372.50	\$ -
	E-Logic (Invoice 19-1213)	\$ 12,000.00	\$ -
Strickland Middle School	Balfour Beatty (Pay App 10)		\$ 1,622,097.00
	David Isbell	\$ 3,250.00	
	VLK (Invoice 15-1846.00)	\$ 21,735.09	\$ -
	Provident Group (Invoice 2202202)	\$ 2,450.00	
New Denton High School	D&S Engineering (Invoice 19-0266-7)	\$ 4,257.72	
	VLK (Invoice 11-1845.00)	\$ 111,431.50	
	TNP (Invoice 19422-04)	\$ 6,250.00	
	TNP (Invoice 18365-06)	\$ 500.00	
	Northstar Builders (Pay App 5)		\$ 3,945,527.00
Month Total		\$ 177,271.57	\$ 6,062,814.00
2018 Bond Expenditures			
March 2020			
Wilson Elementary School	Balfour Beatty (Pay App 7)	\$ -	\$ 729,407.00
	Balfour Beatty (Pay App 8)		\$ 897,997.00
	D&S Engineering (Invoice 19-0365-6)	\$ 4,934.57	
	E-Logic (Invoice 20-0305)	\$ 12,262.60	
	Provident Group (Invoice 2202219)	\$ 8,217.50	\$ -
Strickland Middle School	Balfour Beatty (Pay App 11)	\$ -	\$ 1,817,173.00
	TEAM Enterprise (Invoice 2427)	\$ 29,045.00	\$ -
	Provident Group (Invoice 2202221)	\$ 5,972.50	
	TD Industries (Invoice 1540963)	\$ 5,114.27	
	TD Industries (Invoice 1540962)	\$ 29,816.59	
	D&S Engineering (Invoice 19-0266-8)	\$ 2,172.23	
Middle School #9	Corgan (Invoice 20051.0000-2)	\$ 79,200.00	
	Corgan (Invoice 20051.0000-1)	\$ 4,200.00	
Ryan High School - Ag Shop	VLK (Invoice 5-1928.04)	\$ 118,381.78	
Consumer Science Lab	VLK (Invoice 5-1928.03)	\$ 50,088.69	
Kitchen	VLK (Invoice 3-1928.05)	\$ 4,954.70	
Fine Arts	VLK (Invoice 5-1928.02)	\$ 200,268.70	
Athletics	VLK (Invoice 5-1928.01)	\$ 115,240.27	
Capital Improvements	VLK (Invoice 5-1928.00)	\$ 75,672.95	
Guyer High School	VLK (Invoice 5-1939.00)	\$ 325,385.05	
New Denton High School	VLK (Invoice 112-1845.00)	\$ 157,661.21	
	TNP (Invoice 18365-07)	\$ 2,428.00	
	TNP (Invoice 19422-06)	\$ 7,500.00	
	Northstar Builders (Pay App 6)		\$ 4,296,577.00
Month Total		\$ 1,238,516.61	\$ 3,444,577.00



Construction Expenditures Cont.

2018 Bond Expenditures			
April 2020			
Wilson Elementary School	D&S Engineering (Invoice 19-0365-7)	\$ 3,297.94	
	Stantec (Invoice 680-4082020)	\$ 281,699.22	\$ -
	Stantec (Invoice 1613461-8)	\$ 10,200.00	
	TD Industries (Invoice 1541520)	\$ 19,658.20	\$ -
	TD Industries (Invoice 1545009)	\$ 19,912.40	
Strickland Middle School	Balfour Beatty (Pay App 12)	\$ -	\$ 1,596,958.00
	D&S Engineering (Invoice 19-0266-9)	\$ 3,347.30	\$ -
Middle School #9	Corgan (Invoice 20051.0000-3)	\$ 336,021.00	
Transportation West	D&S Engineering (Invoice G20-2034)	\$ 5,500.00	
	Coleman (Invoice 20-2252-1)	\$ 7,198.75	
	VLK (Invoice 1-1928.07)	\$ 46,245.26	
Ryan High School - Ag Shop	VLK (Invoice 6-1928.04)	\$ 11,149.35	
Consumer Science Lab	VLK (Invoice 6-1928.03)	\$ 1,723.76	
Kitchen	VLK (Invoice 4-1928.05)	\$ 430.46	
Fine Arts	VLK (Invoice 6-1928.02)	\$ 193,306.26	
Athletics	VLK (Invoice 6-1928.01)	\$ 115,080.03	
Capital Improvements	Coleman (Invoice 19-2224-7)	\$ 7,066.25	
	Provident Group (Invoice 22202222)	\$ 5,867.00	
	VLK (Invoice 6-1928.00)	\$ 72,818.11	
MEP	VLK (Invoice 4-1928.06)	\$ 16,894.49	
Guyer High School	Balfour Beatty (Pay App 1)		\$ 351,685.00
	VLK (Invoice 6-1939.00)	\$ 344,622.34	
	VLK (Invoice 7-1939.00)	\$ 12,131.79	
	Coleman (Invoice 19-2223-12)	\$ 10,182.50	
	Provident Group (Invoice 2202223)	\$ 5,120.00	
New Denton High School	D&S Engineering (Invoice 19-0346-8)	\$ 44,058.67	
	Coleman (Invoice 18-2191-10)	\$ 1,550.00	
Month Total		\$ 1,575,081.08	\$ 1,948,643.00
Three Month Total		\$ 2,990,869.26	\$11,456,034.00

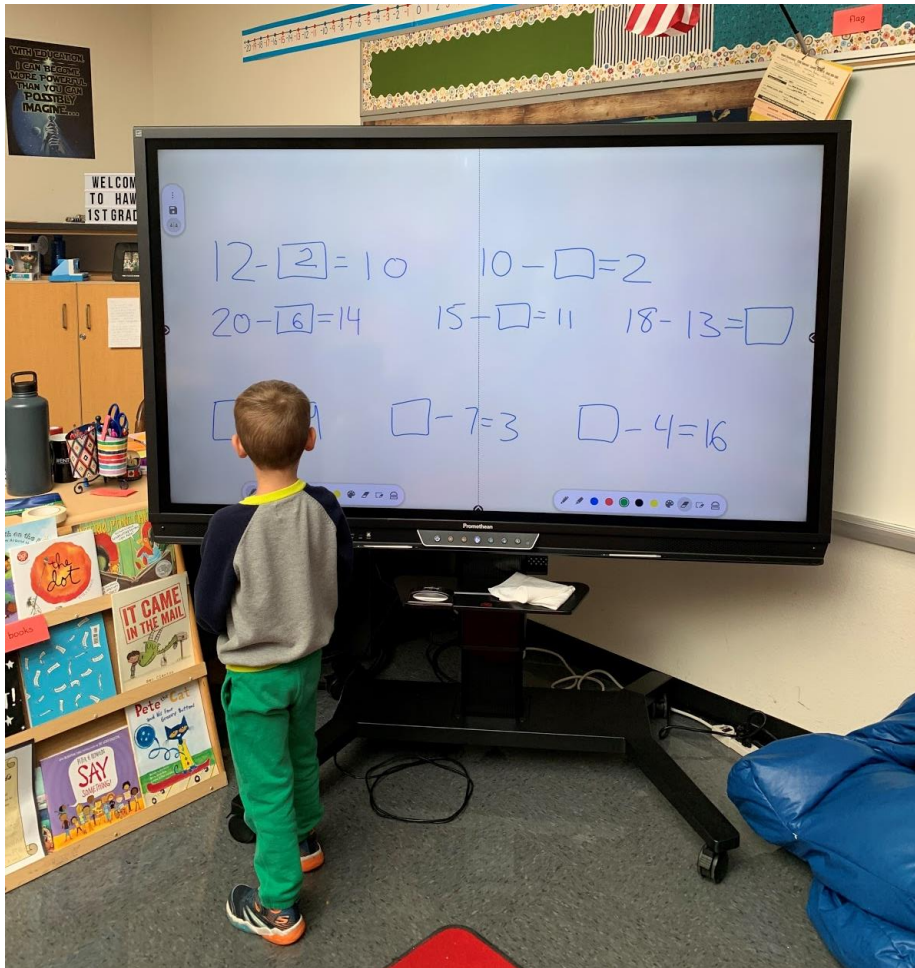
End of Construction Expenditures Report



Project – 86

2018 Technology Bond Projects

(2018 Bond Authorization)



Technology Projects

Classroom Display and A/V Refresh

The Classroom Display and AV Project is continuing to roll out. The campuses are rolling out in 2 phases. Phase 1 includes campuses with projectors 2008 and older. Phase 2 are campuses with projectors predominately 2013 or older.

ProComputing is operating under the current health guidelines of wearing protective items such as n95 facemasks and gloves as well as adhering to the social distancing guidelines. ProComputing is installing panels Monday-Thursday.

Campuses that are completed:

- Hawk Elementary
- Newton Rayzor Elementary
- Blanton Elementary
- McMath Middle School
- Borman Elementary
- Houston Elementary
- Ginnings Elementary
- Evers Park Elementary
- ATC
- Hodge Elementary
- McNair Elementary
- EP Rayzor Elementary
- Rivera Elementary



Technology Projects cont.

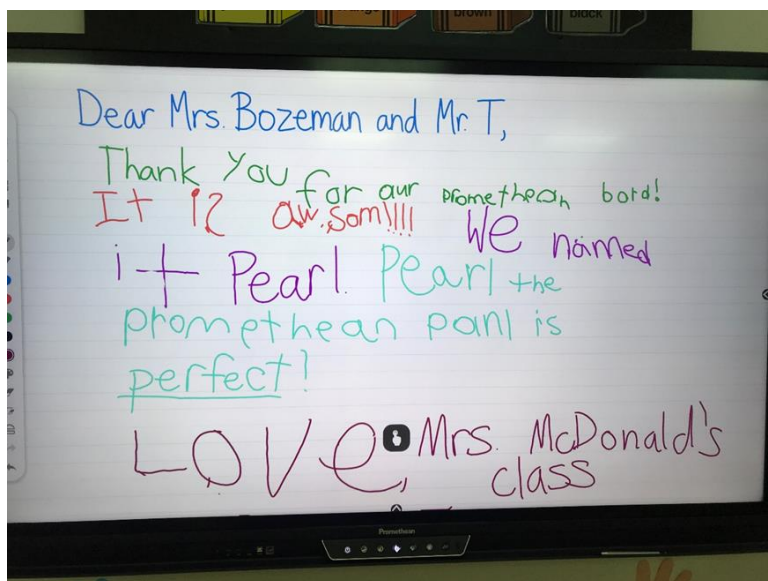
Campuses to be completed in May:

- Davis
- Alexander Elementary
- Calhoun Middle School
- Stephens Elementary

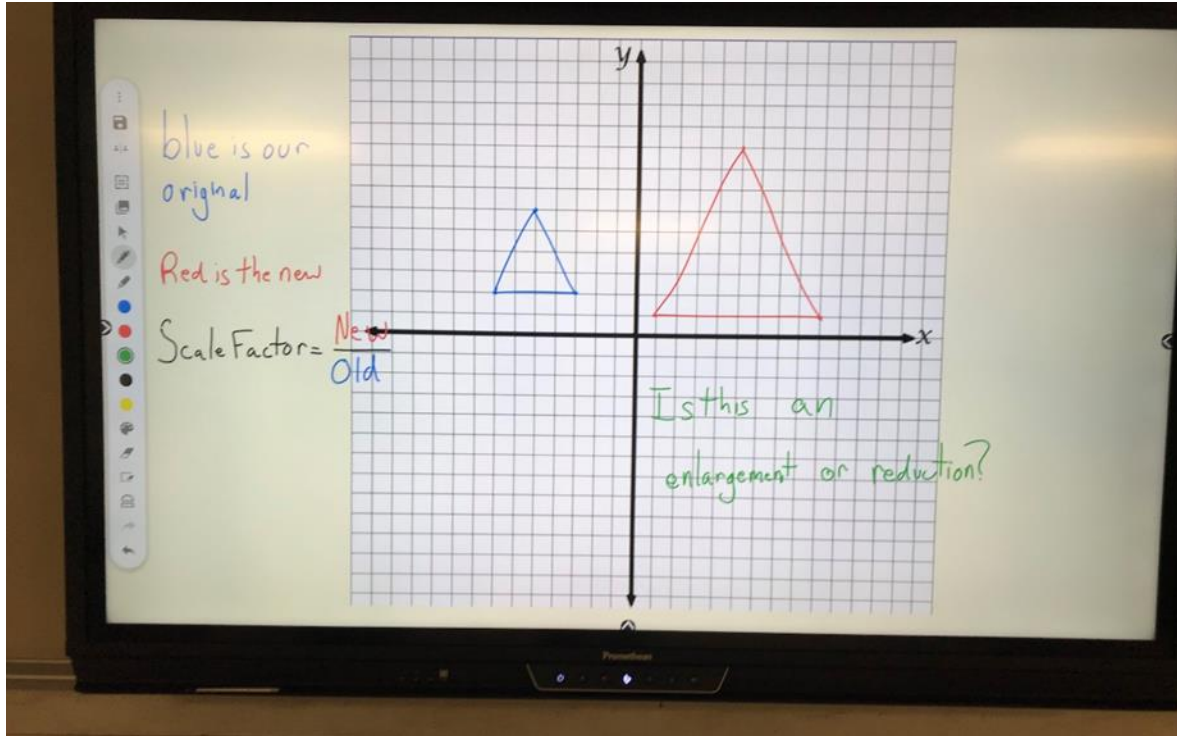
After these campuses are completed, we will be moving to the Phase 2 campuses.

The network infrastructure team has taken on the initiative to segment the network at every campus. This project was the catalyst for this effort and the outcome will be a much more manageable and secure network. It also gives the ability to grow the network to match the districts projected growth over the next decade.

See photos of installed panels below from Blanton Elementary:



Technology Projects cont.



McMath Middle School



Hawk Elementary using the document camera



Technology Projects cont.

PA (Public Address) System

The standalone PA system project that supplements the Classroom A/V project is scheduled to issue an RFP in August 2020.

Security Camera Upgrade - Project 100% complete

The district wide replacement and addition has been proven to be a complete success. There is a vast difference in functional surveillance with the new hardware (Please see attached from an early on project update showing differences). Campuses are now funding their own additions through local campus sources. As the needs for physical security and surveillance increase, the district is now in a place to support these needs and growth.

Fiber

Anticipated start date of late summer/early fall of 2020. We are anticipating this to be a multitude of project locations to support the districts physical network infrastructure.

MDF/IDF's

July/August 2020 anticipated release of RFP.



Technology Projects cont.

Network Infrastructure Additions & Refresh

Phase 1 of this project is E-rate eligible. E-rate process underway with Board approval. Project will commence based on E-rate approval and 2020 bond sale in August. This covers approximately half the district and Phase 2 will be a separate RFP scheduled to be release August 2020.

End of Technology Projects report



Project - 02

New Denton High School

(2018 Bond Authorization)

Architects – VLK Architects

Contractor – Northstar Builders



New Denton High School cont.

Completed Activities:

- Complete Mass Fill
- Continue Underground MEP Rough-IN
- Continue Site Underground
- Complete Site Storm
- Continue Lime at Paving
- Start Fire Lane Paving
- Continue Parking Lot Paving
- Continue Building Foundations
- Start CMU
- Start Waterproofing CMU
- Start Steel Erection
- Start Metal Studs interior & Exterior
- MEP Overhead
- Storm Shelter Coordination
- Continue Geo Wells
- Start Polish Flooring on initial grind



New Denton High School cont.



New Denton High School cont.



New Denton High School cont.

Upcoming Activities:

- Complete Public Water
- Continue Building Foundation
- Start CMU in Fine Arts
- Start CMU in Ag Labs
- Complete CMU in Gyms
- Complete Hanging Steel in Classroom Wings
- Start Hanging Steel in Gyms
- Continue Building MEP Rough In
- Continue Metal Studs in Classroom Wings
- Hang Classroom Wing 2nd Floor Panels
- Start Exterior Brick
- Start Installation of Exterior Windows
- Start Installation of Roofing on Classroom Wings
- Complete Outbuildings Piers
- Continue Outbuilding Grade Beams
- Continue Outbuilding Slabs
- Start Outbuildings CMU
- Start Installation of Tennis Court Slabs
- Continue Geo Wells
- Continue Lime at Paving
- Continue Fire Lane and Parking Lot Paving
- Start Retaining Walls at Baseball/Softball Fields

End of New Denton High School report



Project – 17

Strickland Middle School Renovation

(2018 Bond Authorization)

Architect – VLK Architects

Contractor – Balfour Beatty Construction



Strickland Middle School Renovations cont.

Completed Activities:

- Completed utility work on the West and South sides
- Completed excavation and grading of the West fire lane
- Completed lime stabilization and concrete pour of the fire lane
- Completed exterior air barrier application at storm shelter and classroom wing.
- Completed exterior framing and sheathing
- Started cementitious fireproofing at structural steel
- Started laying exterior bricks around classroom wing
- Started installation of storefront and glazing
- Started installation of hollow metal frames
- Started interior framing and sheathing
- Started installation of HVAC duct, fire sprinkler lines and electrical conduits
- Started low voltage rough-in inside the walls and ceilings
- Started tape, bed, texture and paint on the inside
- Started installation of ceramic tile in the restrooms and corridor
- Completed installation of storm shelter coiling doors



Strickland Middle School cont.



Strickland Middle School cont.



Strickland Middle School cont.

Upcoming Activities:

- Complete installation of storefront and glazing
- Start installation of dynamic glass
- Complete brick installation on the interior and exterior
- Complete structural steel, joists and decking at area B
- Start installation of exterior metal panels
- Start demolition of walls, windows, ceiling in multiple areas
- Start interior framing and sheetrock
- Complete installation of ceramic tiles in restrooms and corridors
- Complete installation of HVAC duct, fire sprinkler lines and electrical conduits
- Complete installation of data cabling, AV, Intercom and clocks
- Start installation of millwork and science cabinets
- Start installation of marker boards, tack boards, toilet partition and accessories
- Start installation of door and hardware
- Start installation of plumbing fixtures, lighting and grilles
- Start installation of ceiling grid and tile
- Start flooring installation

End of Strickland Middle School report



Project – 37
Woodrow Wilson Elementary
Replacement Campus
(2018 Bond Authorization)
Architect – Stantec Architects
Contractor – Balfour Beatty Construction



Wilson Elementary cont.

Activities Completed:

- Grade Beams and Mud slabs at all areas are completed
- Started Steel for Area C and A
- Installing MEP Hangers at Deck
- Working in Domestic Water
- Sewer work is completed



Wilson Elementary cont.

Foundation piers and grade beams have been completed and steel floor framing members have been installed in Areas A, B and C. Steel decking will be placed on the beams for the composite concrete slab. Temporary roads have been installed on the east and west sides of the building for access.



Wilson Elementary cont.

Utility and drain lines have been installed on the west side of the site.



Wilson Elementary cont.

Installation of crawl space ventilation and steel floor framing is being prepared for the metal deck installation.



Wilson Elementary cont.

Mud slab has been completed in all areas and Area D is ready for steel floor framing members.



Wilson Elementary cont.

Progress Photos



Fig 1: Staging in Area A



Fig 2: Steel floor framing Area B



Fig 3: Area B & C



Fig 4: Area B & C





Fig 5: Area B & C



Fig 6: Mud Slab Area D

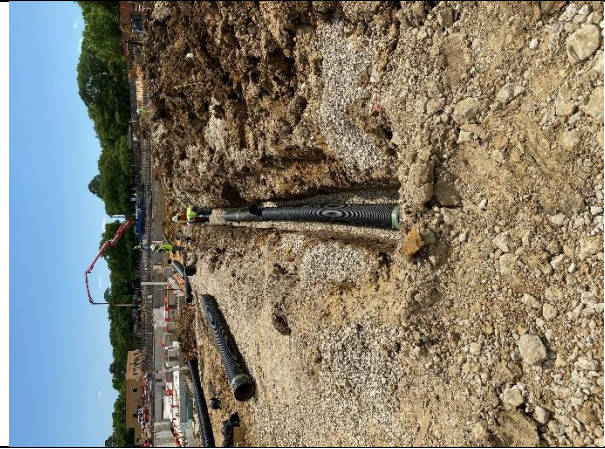


Fig 7: Drain Line Area A



Fig 8: Mud Slab Area D



Fig 9: Area B



Fig 10: RCP/inlet installation west drive



Wilson Elementary cont.

Upcoming Activities:

- Steel Erection
- 1st Floor Slab
- Complete Storm
- CMU Walls

End of Wilson Elementary report



Project – 01

Ryan High School Renovations

(2018 Bond Authorization)

Architect – VLK Architects

Contractor – Northstar Builders



Ryan High School cont.

Completed Activities:

- GMP approval 3/24/2020
- Permit review/commenting with City of Denton
- Purchasing of contracts
- Pricing for transportation parking lot addition
- Utility locates completed
- Building control being established (survey/layout)

Upcoming Activities:

- SWPPP installation
- Temp construction fence
- Site demolition (parking lot and existing structures)
- Site utilities (storm sewer, sanitary sewer & water)
- Grading & soil prep at paving areas
- Paving
- Earthwork (fill) auditorium building pad
- Earthwork at 50yd football field
- Storm sewer at 50yd football field
- Turf at 50yd football field
- Piers for structures at baseball complex
- Main electrical gear replacement
- Renovations to existing gym
- Kitchen renovation

End of Ryan High School report



Project – 03

Guyer High School Renovations

(2018 Bond Authorization)

Architect – VLK Architects

Contractor – Balfour Beatty Construction



Guyer High School cont.

Current Activities:

- Setup laydown yard
- Started erosion control and tree removal
- Started concrete saw cutting and removal
- Started excavation and grading



Guyer High School cont.

Upcoming Activities:

- Continue concrete removal
- Continue excavation and grading at weight room, softball field house, softball field and tennis court
- Start grading at detention pond
- Start water, storm and sanitary lines installation
- Install irrigation sleeves
- Install electrical service conduits
- Start excavation for retaining walls around softball field
- Start cement stabilization for flat work
- Form, set and pour concrete flat work
- Start pier drilling and grade beam foundations for weight room and softball field house
- Pour concrete slabs at weight room and softball field house
- Start installation of modular and concrete retaining walls
- Start CMU walls installation at weight room and softball field house

End of Guyer High School report



Renovations

(2018 Bond Authorization)

HVAC replacement and HVAC and Access Controls will be replaced in the following schools in the next quarter:

- EP Rayzor Elementary
- Ginnings Elementary
- Ann Windle

End of Renovations report



Kitchen Renovations

(2018 Bond Authorization)

Completed Activities:

- Steamers replaced at McNair Elementary, Hodge Elementary, and Evers Park Elementary.
- Pass thru refrigerator at Houston Elementary.

Upcoming Activities:

- Gathering quotes for dish machines at Davis, McMath Middle, Ann Windle, Pecan Creek, and WS Ryan Elementary.

End of Kitchen Projects report

