

2008 BOND PROGRAM Construction Status Report

Administration

*Associate Superintendent
Business Services*

Steve Fortenberry

Facility Planning and Construction Staff

*Executive Director, Facility Services
Asst. Director Facility Services*

Juan Ramos
Tony Pearson

*Construction Manager
Construction Administrator
Construction Administrator*

Doug Guynes
Johnny Pechacek
Dusty Nugent

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Teamwork for Excellence



P L A N O
Independent School District

**Facility
Planning
and
Construction**

December 16, 2015

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2008 Construction Bond Report

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Projects shown in blue are complete and/or currently active and may be selected for more detail.

Bethany Elementary School

2418 Micarta Drive
Plano, TX 75025



View of renovated Library

9/15/15



View of new Main Entry

[Pictures courtesy of Charles Davis Smith Photography](#)

9/15/15

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

Perkins + Will
Dusty Nugent
Cadence McShane

Project Objective:

A 20-year renovation of the existing school which will include an addition of approximately 13,220 SF to handle the need for larger TEA sized classrooms and support space. The project will also include renovation of the entire existing campus including updated finishes, expansion of the Admin. Suite, enclosure of the Library and upgrades to the Kitchen equipment. Utilities and overall circulation will also be addressed. Site conditions such as fire lanes, parking, landscape-irrigation are included in the overall plan as required.

Schedule:

Design Initiated:	March 2013
Design Completed:	January 2014
Construction Started:	March 2014
Construction Completed:	August 2015

Status:

Complete.

Construction Contract Budget:

\$12,992,918

Actual Construction Cost:

\$13,022,808

An upgraded fire alarm system, additional site fencing and the repair of an existing roof leak at the gym were added to the original scope of work.

Brinker Elementary School

3800 John Clark Parkway
Plano, Texas 75093



View of new Main Entry

11/10/14



View of renovated Dining Room

9/12/14

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

PBK Architects
Johnny Pechacek
Cadence McShane

Project Objective:

A 20-year renovation of the existing school which included an addition of approximately 25,624 SF to handle the increase in population, the need for larger TEA sized classrooms and more support space. The project also included renovation of the entire existing campus including expansions of the Admin. Suite, enclosure of the Library and upgrades to the Kitchen equipment. Utilities and overall circulation were also addressed. Site conditions such as fire lanes, parking and landscape-irrigation were examined, and included in the overall plan.

Schedule:

Design Initiated:	February 2012
Design Completed:	January 2013
Construction Started:	March 2013
Construction Completed:	August 2014

Status:

Complete.

Construction Contract Budget:

\$11,350,066

Actual Construction Cost:

\$11,278,226



View of new Main Entry

9/22/14



View of renovated Gym

9/22/14

Daffron Elementary School

3900 Preston Meadow Drive
Plano, Texas 75093

Architectural Firm:	Perkins + Will
PISD – Construction Administrator:	Dusty Nugent
Construction Manager @ Risk:	Cadence McShane

Project Objective:

A 20-year renovation of the existing school which included an addition of approximately 17,223 SF to handle the increase in population, the need for larger TEA sized classrooms and more support space. The project also included renovation of the entire existing campus including expansions of the Admin. Suite, enclosure of the Library and upgrades to the Kitchen equipment. Utilities and overall circulation were also addressed. Site conditions such as fire lanes, parking and landscape-irrigation were examined, and included in the overall plan.

Schedule:

Design Initiated:	February 2012
Design Completed:	January 2013
Construction Started:	March 2013
Construction Completed:	August 2014

Status:

Complete.

Construction Contract Budget:

\$11,670,468

Actual Construction Cost:

\$11,487,240

Hedgcoxe Elementary School

7701 Prescott Drive
Plano, Texas 75025



View of new Main Entry 9/14/15



View of renovated Corridors 9/18/15

Architectural Firm:	PBK Architects
PISD – Construction Administrator:	Johnny Pechacek
Construction Manager @ Risk:	Cadence McShane

Project Objective:
A 20-year renovation of the existing school which will include an addition of approximately 9,147 SF to handle the need for larger TEA sized classrooms and support space. The project will also include renovations of the entire existing campus including updated finishes, expansion of the Admin. Suite, enclosure of the Library and upgrades to the Kitchen equipment. Utilities and overall circulation will also be addressed. Site conditions such as fire lanes, parking, landscape-irrigation will be examined, and included in the overall plan as required.

Schedule:
Design Initiated: March 2013
Design Completed: January 2014
Construction Started: March 2014
Scheduled Completion: July 2015

Status:
Substantially complete. Currently putting together closeout documents.

Construction Contract Budget:
\$11,335,749

Jackson Elementary School

1101 Jackson Drive
Plano, Texas 75075



View of new Main Entry

9/19/11

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

SHW Group
Dusty Nugent
Starling Richardson

Project Objective:

The delivery of a 20-year renovation. The programs delivered at this facility were identified and an overall plan was developed to meet current codes, standards and requirements. The plan included approx. 43,168 SF of renovation, and approx. 21,000 SF of new addition. The more recent Kindergarten, gym and classroom additions, as well as the newly renovated cafeteria and kitchen remained with minor finish updates.

Site conditions such as circulation, fire lanes, parking, landscape and irrigation were also included in the work and overall plan.

Schedule:

Design Initiated:	February 2009
Design Completed:	February 2010
Construction Started:	March 2010
Construction Completed:	October 2011

Status:

Complete.

Construction Contract:

\$8,424,849

Actual Construction Cost:

\$8,404,322



Interior view of new classroom wing

6/8/11

Memorial Elementary School

2600 Avenue R
Plano, Texas 75074



View of new Main Entry

6/4/12



View of main entry foyer

9/8/12

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

PBK Architects
Johnny Pechacek
Cadence McShane

Project Objective:

The delivery of a 20-year renovation. An evaluation of the existing campus was performed to determine which, if any, portions of the building were in satisfactory condition to remain. In the end the District's decision was to provide a completely new replacement building, approximately 77,500 SF. After the new building was complete, the existing building was demolished, and site improvements were installed during the summer of 2012. The school opened in Fall 2012.

Schedule:

Design Initiated:	March 2010
Design Completed:	February 2011
Construction Started:	March 2011
Construction Completed:	July 2012

Status:

Complete.

Construction Contract Budget:

\$12,366,960

Actual Construction Cost:

\$12,151,296

Mendenhall Elementary School

1330 19th Street
Plano, Texas 75074



View of new Main Entry

6/8/11

Architectural Firm:	VLK Architects
PISD – Construction Administrator:	James Watson
Construction Manager @ Risk:	Starling Richardson

Project Objective:

The construction of a completely new replacement school of approximately 76,819 SF. The new building was built on the northern half of the property, and maintained a perimeter around the existing facility during construction while school remained in full operation. After the new building was complete, the existing building was demolished, and site improvements were installed during the summer of 2011. The school opened in Fall 2011.

Schedule:

Design Initiated:	January 2009
Design Completed:	February 2010
Construction Started:	April 2010
Construction Completed:	August 2011

Status:

Complete.

Construction Contract:

\$11,449,434

Actual Construction Cost:

\$11,298,850



View of main entry corridor

9/2/11

Mitchell Elementary School

4223 Briargrove Lane
Dallas, Texas 75287



View of new Main Entry

8/23/13



View of new Classroom

8/23/13

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

SHW Group
Johnny Pechacek
Cadence McShane

Project Objective:

A 20-year renovation of the existing school which included an addition of approximately 34,376 SF to handle the increase in population, the need for larger TEA sized classrooms and more support space. The project also included renovation of the entire existing campus including expansions of the Admin. Suite and Library, an enclosed dining room and all new Kitchen equipment. Utilities and overall circulation were also addressed. Site conditions such as fire lanes, parking, landscape-irrigation were examined, and included in the overall plan. In addition, this site is the District's first to use a geothermal heat pump HVAC system.

Schedule:

Design Initiated:	June 2011
Design Completed:	January 2012
Construction Started:	February 2012
Construction Completed	July 2013

Status:

Complete.

Construction Contract Budget:

\$13,855,960

Actual Construction Cost:

\$13,744,606

Rasor Elementary School

945 Hedgcoxe
Plano, Texas 75025



View of new Main Entry

1/22/14



View of Dining

9/13/13



View of corridor

9/13/13

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

PBK Architects
Dusty Nugent
Pogue Construction

Project Objective:

A 20-year renovation of the existing school which includes an addition of approximately 13,790 SF to handle the need for larger TEA sized classrooms, and more support space. The project also includes renovations of the entire existing campus including expansions of the Admin. Suite and Library, relocation of the existing Gym along with the reconfiguration of classrooms, dining, utilities and overall circulation. Site conditions such as circulation, fire lanes, parking, landscape-irrigation are included in the overall plan.

Schedule:

Design Initiated:	June 2011
Design Completed:	January 2012
Construction Started:	March 2012
Construction Completed:	July 2013

Status:

Complete.

Construction Contract Budget:

\$10,720,401

Actual Construction Cost:

\$10,719,551

Weatherford Elementary School

2941 Mollimar Drive
Plano, Texas 75075



View of new Main Entry

11/21/12



View of main entry hall

11/21/12

Architectural Firm:	Perkins + Will
PISD – Construction Administrator:	Dusty Nugent
General Contractor:	Cadence McShane

Project Objective:

The delivery of a 20-year renovation. Construction included approx. 52,000 SF of renovation, and approx. 3,800 SF of new addition. The plan included the expansion of the Administration suite and library, along with the reconfiguration of the classrooms and necessary support areas and utilities. The recent kindergarten, cafeteria additions and the existing gym received minor finish updates. The kitchen updated a couple pieces of equipment. Site conditions such as circulation, fire lanes, parking, landscape and irrigation were also included in the work and overall plan.

Schedule:

Design Initiated:	March 2010
Design Completed:	February 2011
Construction Started:	March 2011
Construction Completed:	July 2012

Status:

Complete.

Construction Contract Budget:

\$8,104,711

Actual Construction Cost:

\$7,967,048

Plano East Senior High School

3000 Los Rios Blvd.
Plano, Texas 75074



Exterior view of new Science Addition 9/15/10



View of new Cafeteria Serving Line 9/15/10

Architectural Firm:	WRA Architects
PISD – Construction Administrator:	Johnny Pechacek
General Contractor:	Cadence McShane

Project Objective:

The project will include construction of a new two-story, sixteen classroom science wing, and the expansion of the cafeteria/kitchen/serving within the existing building. Consideration will be given to identifying the space requirements of this facility and developing an overall plan to meet current codes, standards and requirements.

Schedule:

Design Initiated:	January 2009
Design Completed:	June 2009
Construction Started:	August 2009
Construction Completed:	August 2010

Status:

Complete.

Construction Contract:

\$11,822,022

Actual Construction Cost:

\$11,788,048

Forman Elementary School

3600 Timberline Drive
Plano, Texas 75074



View of new Main Entry

9/15/10



View of new Classroom Addition

9/15/10

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

WRA Architects
James Watson
Beck

Project Objective:

The project will include construction of a six classroom addition along with renovations to the existing administrative suite, an expansion of the library within the existing building and improvements to the existing HVAC system.

Schedule:

Design Initiated:	March 2009
Design Completed:	September 2009
Construction Started:	November 2009
Construction Completed:	July 2010

Status:

Complete.

Construction Contract:

\$4,276,100

Actual Construction Cost:

\$4,498,012

Exterior repair, cleaning and painting, and interior upgrades of toilet rooms, cabinets and classroom paint were added to the original scope of work.

Barron Elementary School

3300 Avenue P
Plano, Texas 75074



View of renovated Gymnasium

7/22/09



View of renovated Classroom

7/22/09

Architectural Firm:	Claycomb Architects
PISD – Construction Administrator:	Dusty Nugent
General Contractor:	Beck

Project Objective:

To convert the existing early childhood school back to an elementary, serving grades K through 5. Work will include minimal reconfiguration of the existing classrooms and support areas, along with the reinstallation of a full kitchen, cafetorium and gym.

Identify the space requirements of this facility and develop an overall plan to meet current codes, standards and requirements. Examine site conditions such as drives, playgrounds and parking, and include this work in the overall plan.

Schedule:

Design Initiated:	June 2008
Design Completed	December 2008
Construction Started:	March 2009
Construction Completed:	July 2009

Status:

Complete.

Construction Contract:

\$2,662,776

Actual Construction Cost:

\$2,476,533



View of Classroom/Kitchen Addition

6/18/10



View of interior classroom corridor

6/18/10

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

Perkins + Will
Johnny Pechacek
Beck

Project Objective:

The project includes the addition of a new serving line and satellite kitchen, along with a four classroom addition. The kitchen will directly serve the campus by means of the new serving line. It will also be the satellite kitchen for catering to other campuses around the District.

Schedule:

Design Initiated:	March 2009
Design Completed:	August 2009
Construction Started:	October 2009
Construction Completed:	July 2010

Status:

Complete.

Construction Contract:

\$3,206,365

Actual Construction Cost:

\$3,165,133

Vines High School

1401 Highedge Drive
Plano, Texas 75075



View of new Science Lab

6/18/10



View of Fine Arts renovation

9/15/10

Architectural Firm:	Corgan Associates
PISD – Construction Administrator:	James Watson
General Contractor:	Cadence McShane

Project Objective:

The project will include construction of a new, two-story, ten classroom science wing, and the expansion of the Fine Arts within the existing building. The Administrative suite, displaced by fine arts, will also be relocated and expanded. The counselor's suite and other select areas will receive renovation work and the existing science rooms will be converted into general classrooms.

Schedule:

Design Initiated:	December 2008
Design Completed	July 2009
Construction Started:	August 2009
Construction Completed:	July 2010

Status:

Complete.

Construction Contract:

\$9,730,749

Actual Construction Cost:

\$9,534,739

Haggard Middle School

2401 Westside Drive
Plano, Texas, 75075



Ph. 1 - New Fine Arts addition

9/8/11



Ph. 2- New corridor floors

9/12/12

Architectural Firm:	Claycomb Architects
PISD – Construction Administrator:	Dusty Nugent
Construction Manager @ Risk:	Pogue Construction

Project Objective:

The project included construction of approximately 8,700 SF of additional space for a new Band Hall, Orchestra room and practice rooms. Both the band hall and orchestra room required their own offices, storage rooms and library. The project included renovation of approximately 8,750 SF of existing music and art rooms within the existing building for Ensemble, Choir and a lab for Project Lead the Way.

Phase 2 work upgraded the student and staff toilet rooms, corridors and finishes.

Schedule:

Design Initiated:	March 2010
Design Completed:	August 2010
Construction Started:	December 2010
Construction Completed:	Phase 1: August 2011 Phase 2: August 2012

Status:

Complete.

Construction Contract:

\$4,332,219

Actual Construction Cost:

\$4,311,325

Plano Senior High School

2200 Independence Parkway
Plano, Texas 75075



View of Bldg. B Addition

6/8/11



Interior view of Fine Arts Addition

6/8/11

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

WRA Architects
Dusty Nugent
Cadence McShane

Project Objective:

The project consists of additions and renovations to provide additional science classroom capacity, upgraded fine arts areas and other improvements to accommodate these requirements. The additional science capacity is required by the start of school in the fall of 2010. This portion has been accelerated ahead of the balance of the work.

Schedule:

Construction Started: March 2010
Construction Completed: August 2011

Status:

Complete.

Construction Contract Budget:

\$10,442,136

Actual Construction Cost:

\$11,227,752

Plano West Senior High School

5601 West Parker Road
Plano, Texas 75093



View of new CTE & Art Building

9/3/13



Kitchen renovation

9/3/13

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

WRA Architects
Doug Guynes
Cadence McShane

Project Objective:

Provide additions and renovations to accommodate the anticipated growth in enrollment. Areas currently identified include a Science Addition of eight new labs. A new Career Tech and Art Building consisting of 18 CTE rooms and four Art labs. A Fine Arts Addition made up of a new Music Theory room, two new Drama classrooms and Prop Storage. An Athletic Addition which includes a new Team Room, Mat room and Drill/Dance room. Campus renovations include minor upgrades to the existing science labs in Building B. Reconfiguration and growth of the existing music rooms within Building C, along with the expansion into those spaces abandoned by art. Building A includes expansions of the Football locker room, the kitchen/serving area, and the Special Education department. It will also include the reconfiguration of existing CTE rooms back Into general classrooms, along with updates to the common-area finishes.

Schedule:

Design Initiated:	December 2011
Construction Started – Phase 1:	June 2012
Construction Started – Phase 2:	February 2013
Construction Completed – Phases 1 and 2:	August 2013

Status:

Complete.

Construction Contract Budget:

\$23,940,734

Actual Construction Cost:

\$23,982,410

Replacement of two chilled water pumps located within the existing mechanical room of Building A were added to the original scope of work.

Sara Isaacs Early Childhood

3400 E. Parker Road
Plano, Texas



View of new Main Entry

12/10/09



View of classroom

7/22/09

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

VLK Architects
Johnny Pechacek
Pogue Construction

Project Objective:

To enlarge the capacity of the Early Childhood Program by construction of a replacement building for Barron Elementary. The new facility will be approximately 62,300 SF and is an expanded version of the design currently in place at the Beaty and Pearson Early Childhood campuses. The site had construction started by its previous owner, but stopped before rising above ground. The new design utilizes some of the existing parking, drives and infrastructure.

Schedule:

Design Initiated:	February 2008
Design Completed:	May 2008
Construction Started:	June 2008
Construction Completed:	July 2009

Status:

Complete.

Construction Contract:

\$10,742,345

Actual Construction Cost:

\$10,549,460

Douglas Otto Middle School

504 North Star Road
Plano, Texas 75074



View of new Main Entry

6/18/10



Interior view of main entry foyer

6/18/10

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

PBK Architects
Johnny Pechacek
Cadence McShane

Project Objective:

Construction of a new prototypical design middle school similar to Murphy Middle School. Consideration was given to identifying the space requirements of this facility and developing an overall plan to meet current codes, standards and requirements. Site conditions such as circulation, fire lanes, parking and landscape-irrigation were also examined and included in the work and overall plan.

Schedule:

Design Initiated:	May 2008
Design Completed	January 2009
Construction Started:	March 2009
Construction Completed:	July 2010

Status:

Complete.

Construction Contract:

\$28,314,570

Actual Construction Cost:

\$27,518,746

McMillen High School

750 N. Murphy Road
Murphy, Texas



View of new Main Entry

9/8/11



Interior view of main classroom corridor

9/8/11

Architectural Firm:
PISD – Construction Administrator:
Construction Manager @ Risk:

SHW Group
Johnny Pechacek
Cadence McShane

Project Objective:

Construction of a new high school (9-10). Consideration was given to identifying the space requirements of this facility and developing an overall plan to meet current codes, standards and requirements. Site conditions such as circulation, fire lanes, parking and landscape-irrigation were also examined and included in the work and overall plan.

Schedule:

Design Initiated:	June 2008
Design Completed:	January 2010
Construction Started:	March 2010
Construction Completed:	August 2011

Status:

Complete.

Construction Contract:

\$37,074,743

Actual Construction Cost:

\$36,333,568

Plano ISD
Facilities and Technology Task Force

Executive Summary Recommendations
2008 Proposed Bond Program
Board Approved - January 22, 2008

20 Year Renovation Targets	Program Amount
Mendenhall Elementary	\$12,783,455
Jackson Elementary	\$9,751,409
Weatherford Elementary	\$11,117,175
Memorial Elementary	\$10,073,881
Brinker Elementary	\$12,070,321
Daffron Elementary	\$12,056,128
Hedgcoxe Elementary	\$10,805,761
Bethany Elementary	\$13,925,564
Mitchell Elementary	\$15,354,843
Rasor Elementary	\$13,228,092
Sub Total:	\$121,166,629

New Schools & Acquisitions	Program Amount
Schell Elementary (Pre-Funded)	\$14,470,000
Child Care Center (Pre-Funded)	\$5,500,000
Early Childhood	\$16,094,254
New Elementary School	\$19,270,205
Otto Middle School	\$39,379,316
Murphy High School	\$62,244,725
Sub Total:	\$156,958,500

Additions/Modifications	Program Amount
Plano East Senior High	\$26,559,947
Vines Fine Arts & Science	\$14,106,880
Forman Elementary	\$4,581,002
Barron ECS	\$3,866,612
PWSHS Kitchen/Dining	\$2,772,353
Guinn Center Addition	\$4,320,187
Haggard Fine Arts	\$3,067,000
PSHS Fine Arts	\$6,775,000
Sub Total:	\$66,048,981

Systems and Compliance	Program Amount
West Cluster Projects	\$8,361,024
Central Cluster Projects	\$16,900,821
East Cluster Projects	\$6,900,634
Support Projects	\$3,991,915
Sub Total:	\$36,154,394

Technology	Program Amount
Technology	\$66,090,996
Replacement Program	
Classroom Initiatives (Dist.)	
Curriculum Initiatives (Tech.)	
Central/Auxillary Initiatives	
Sub Total:	\$66,090,996

Capital Improvements	Program Amount
Energy Efficient Lighting Upgrades	\$3,500,000
Wtr. Conserv. Irrigation Upgrades	\$2,500,000
FANS Equipment Replacement	\$350,000
FANS Upgrades	\$3,150,000
Capital Improvement Projects	\$460,000
Transportation-Buses	\$6,900,000
Transportation-Other	\$939,500
Land Purchases (Pre-Funded)	\$7,880,000
Bird Parking Area	\$1,500,000
Athletics Requests:	
Sr. HS Track Resurfacing	\$400,000
Upgrades	\$1,500,000
Curriculum Initiatives:	
Science	\$3,410,000
Career Ed.	\$687,000
Library	\$3,500,000
Fine Arts Equipment	\$1,700,000
PE - Lockers legislative	\$1,200,000
Security	\$4,004,000
Sub Total:	\$43,580,500

Executive Summary	Program Amount
20 Year Renovation Targets	\$121,166,629
New Schools & Acquisitions	\$156,958,500
Additions/Modifications	\$66,048,981
Capital Improvements	\$43,580,500
Systems and Compliance	\$36,154,394
Technology	\$66,090,996
Grand Total:	\$490,000,000