

November 30, 2017

# GROWTH SUB-COMMITTEE REPORT

# OUR GOAL/OBJECTIVE

- **Assess the growth in enrollment in the district and make recommendations on future schools and auxiliary facilities**



# ALL PROJECTS WE CONSIDERED

- **New Elementary School #25 (740 student capacity)**
- **New Middle School #9 (1,000 student capacity)**
- **New Elementary School #26 (740 student capacity)**
- **New Transportation Facility – East**
- **Transportation Facility – West**
- **Technology Building**
- **Sisk Annex Complex**



# ALL PROJECTS WE CONSIDERED

- **Central Services Building**
- **Braswell High School – Phase 2**



# OUR PRIORITIES

1. **New Elementary School #25 in the 380 Corridor area**
2. **New Middle School # 9 in the Braswell area**
3. **New Transportation Facility – East**
4. **Technology Building**
5. **Transportation Building – West**
6. **Sisk Annex Complex**



# OUR PRIORITIES

PROJECT	COST
New Elementary School #25	\$41,761,910
New Middle School #9	\$80,240,462
New Transportation Building - East	\$ 9,370,026
Technology Building	\$ 615,135
Transportation Facility - West	\$ 7,646,498
Sisk Annex Complex	\$ 2,500,263
Total	\$142,134,294



# BACKGROUND INFORMATION

## New Schools:

- Ten year enrollment projections support the addition of Elementary School #25 and Middle School #9
- Elementary School # 26 can be delayed until the next bond issue;
- Braswell High School Phase 2 can be delayed by building new ATC on east side of the district



# BACKGROUND INFORMATION

## Transportation Facilities:

- Recommend building new transportation facility on East side of district (our #3 priority)
- Current facility was built to support 70 buses and we have over 200 buses today
- No area for training area for the 200+ driver
- Bathroom facilities for the staff is over capacity



# BACKGROUND INFORMATION

## Transportation Facilities (continued):

- Remodeling of the current facility is recommended after new facility is built (our #5 priority);
- Mechanics perform all the work for the 250+ vehicles
- Only six bays to perform maintenance on the vehicles



# BACKGROUND INFORMATION

## Technology Building:

- Central control center for all the technology
- Urgent upgrades include:
  - Replace 11 rooftop units due to end of life
  - Replace fire alarm systems due to end of life
  - Provide dry chemical fire suppression system for center NOC
- Other architectural improvements and ADA improvements



# BACKGROUND INFORMATION

## Sisk Annex Building:

- Add conditioned air to the warehouse – Add 9 units
- ADA/Civil
  - Replace non-compliant curb ramps, damaged paving and sidewalks, and regrade & modify drainage to address low area near the building
- MEP
  - Replace 13 rooftop units due to end of life
  - Replace fire alarm system due to end of life



# QUESTIONS?



Citizens' Advisory Committee

November 30, 2017

# INNOVATION SUB-COMMITTEE REPORT

# OUR GOAL/OBJECTIVE

- The Innovation Subcommittee seeks to recommend projects with an eye to increasing equity for all students across the school district amidst the rapidly changing realities of a 21<sup>st</sup> century workforce.



# ALL PROJECTS WE CONSIDERED

- Technology Infrastructure
- Furniture
- Smart Labs
- Group/Collaborative Areas
- Charging Spaces
- Learning Walls
- Teacher Mobility
- Sustainability/Green Initiatives
- Building Control System



# OUR PRIORITIES, IN RANKING ORDER

1. Technology Infrastructure
2. Building Control System
3. Furniture
4. Smart Labs
5. Charging Spaces
6. Learning Walls
7. Sustainability/Green Initiatives
8. ~~Teacher Mobility~~
9. ~~Group Collaborative Areas~~





# PRIORITY #1: TECHNOLOGY INFRASTRUCTURE

- FIBER – complete Denton ISD-owned fiber ring from Natatorium to Providence
- CORE – move to Cisco core Nexus 7K, 9K, Data Center platform solution
- WIRELESS – replace Access Points at campuses prior to Bell, BHS, and RMS – last refresh done in 2013.
- PHONES – replace 3000+ phones that are 12 years old.
- REDUNDANT DATA CENTER (Braswell)
- CAMPUS NETWORK REPAIRS
- GENERATORS AND HVAC AT CORE SITES



## PRIORITY #2: BUILDING CONTROL SYSTEM

- **BUILDING CONTROL SYSTEM** – allows the district to smartly control lighting, HVAC systems, temperature control, etc.
- Current system is no longer being serviced and requires an upgrade to avoid costly ongoing maintenance and replacement costs



# PRIORITY #3: FURNITURE

- REPLACE FURNITURE WITH FLEXIBLE FURNITURE
- A 30-40 year product
- Focus on older schools first as way to prioritize spending in this bond package

Year Constructed	School Name
1924	Calhoun MS
1948	Fred Moore HS
1950	Davis School
1957	Denton HS
1960	N. Rayzor
1965	Wilson
1968	Strickland MS
1968	Ginnings
1970	Borman

Year Constructed	School Name
1982	Houston
1985	Evers Park
1987	Hodge
1987	McNair
1991	Ryan HS
1994	Rivera
1998	McMath



# PRIORITY #7: SUSTAINABILITY/GREEN INITIATIVES

- Focused much on solar - Didn't rank high, mostly due to circumstances that could impact cost benefits
- Recommend the district develop a policy that aims at equipping 50% of all new construction roof space with solar
- Recommend an aggressive approach with existing electricity providers and other state/national incentive programs to find innovative partnerships



# QUESTIONS?



Citizens' Advisory Committee

November 16, 2017

# SPECIAL PROGRAMS SUB-COMMITTEE REPORT

# OUR GOAL/OBJECTIVE

- Provide safe, secure, equitable facilities to educate the youth participating in the DISD Special Programs.
- Construct new facilities to expand needed special programs and renovate existing facilities to ensure safety, education and comfort.



# ALL PROJECTS WE CONSIDERED

## Windle and Davis:

- Accessibility Replacements/additions (curbs, parking, ramps, sidewalks)
- Modifications (concrete work, fencing, resurfacing asphalt play areas)
- Upgrade HVAC
- Electrical additions/replacements (lighting/alarms)
- Plumbing renovation/replacements (irrigation/gas)
- Food Service upgrades/replacements
- Security (secure vestibule at Davis, Secure windows and French-doors in the event that a lock down is needed at Windle)

## Denton, Ryan and Guyer High Schools:

- Renovation of Consumer Science and Commercial kitchens at DHS, RHS and GHS



# ALL PROJECTS WE CONSIDERED

- Renovate and expand as needed Agricultural (Metal/Wood) shops at DHS and RHS – including moving Ryan ROTC to one of the shop areas

## New Career and Technology Center and expansion of the LaGrone ATC:

- Design and construct a new Career and Technology Center to address the growing demand within the District and outside of the District for the options and certifications that can be provided. The facility could include HVAC/Plumbing, Law Enforcement, Engineering, Health Science, Computer Science, Welding, Automotive, Cosmetology, etc.
- Renovate and expand the LaGrone ATC to accommodate expanded programs in Health Science, Welding, Cosmetology, Engineering, etc.

New District-wide Ag-Science Barn to accommodate the approximate number of 1200 students currently interested in these fields.



# OUR PRIORITIES

1. Ann Windle Early Childhood Center
2. New Career and Technology Center on the 380 corridor
3. Renovation of LaGrone ATC – minimally covering the security access needed at the entrance and a new expanded café.
4. New Agricultural Science Center – possibly on or near the site of the new Denton High
5. Renovate and expand the Ag/Metal shop by possibly moving it to the old wood shop at Ryan High and moving the ROTC program to the old metal shop.
6. Renovate Davis School to cover basic facility needs and a security vestibule to accommodate new programs – based on the current special program being moved to a new location.
7. High school campus commercial kitchens in Ryan and Guyer High Schools.



# OUR PRIORITIES

PROJECT	COST (2021 Finish)
Ann Windle Early Childhood Center Renovations	\$3,607,752
New Career and Technology Center on the 380 corridor	\$90,852,720
Renovation of LaGrone – (Minor)	\$2,500,000
New Agricultural Science Center	\$17,489,497
Ryan HS Ag Shop / ROTC Renovations	\$3,139,340
Davis School Renovations	\$5,533,833
High School Consumer Science Labs at RHS and GHS	\$2,724,256
TOTAL	\$125,847,398



# ALTERNATIVE OPTIONS

1. If Committee does not elect for a New ATC East Campus, major renovations and additions would be a priority at LaGrone ATC for \$15,023,017.
2. If DHS remains in place, then its Ag Shop would need to be included in with the RHS Ag Shop Project for a total cost of \$7,363,706.

\* Note that if DHS encumbers a major renovation, then its Ag Shop would be included therefore the project would remain at RHS only.

3. If DHS remains in place, then its Consumer Science Lab would need to be included in with the RHS and GHS Project for a total cost of \$4,311,165.

\* Note that if DHS encumbers a major renovation, then its Consumer Science Lab would be included therefore the project would remain at RHS and GHS only.

4. If Calhoun MS is moved to DHS, then it's possible that the Davis School could be relocated to Calhoun campus, thus eliminating the Davis School Renovation Project. Secondary Committee would need to include provisions at Calhoun campus for the Davis School relocation.



# ANN WINDLE NEEDS



- Undersized library
- Site security
- Drainage
- ADA compliance
- Finish upgrades



# NEW ATC EAST



# NEW ATC EAST



# NEW AGRICULTURAL SCIENCE CENTER



**New Agricultural Science Building**  
Denton ISD  
10-30-2017  
65,000 sf



# RHS AG SHOP RENOVATIONS

## EXISTING CONDITIONS



# DAVIS SCHOOL NEEDS

- Equity Needs
- Accessibility
- Sitework



No accessible path of travel to play area.



# CONSUMER SCIENCE LABS AT RHS AND GHS

EXISTING



FUTURE



# QUESTIONS?



Citizens' Advisory Committee

# EXTRA-CURRICULAR SUBCOMMITTEE

Fine Arts & Athletics Priorities

# Fine Arts & Athletics Subcommittee



Priorities listed in this presentation assume Denton High School is replaced. If Denton High School is renovated, the priorities of this subcommittee will change.

# Fine Arts



## Ryan High School

- ❑ New 850 Seat Auditorium
- ❑ Renovate / Repurpose Existing Auditorium
- ❑ Addition of Art CRs and Storage
- ❑ Renovate Existing Black Box
- ❑ Locker Room Expansion
- ❑ New Band Marching Tower

# Fine Arts

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## Guyer High School

- Renovate Art Labs
- Repairs to Stage Curtains, Safety Hatches, & Counterweight System
- Replace Drapes at Stage & Black Box

# Fine Arts



## Strickland Middle School

- ❑ Replace Stage Lighting System & Controls
- ❑ Replace Sound System
- ❑ Renovate Control Booth
- ❑ Replace Seating & Flooring in Auditorium
- ❑ Band Hall Projection and Sound System

# Fine Arts



McMath, Crownover, & Navo Middle School

- Replace Stage Lighting System & Controls
- Replace Sound System

# Fine Arts



Calhoun, Harpool, & Myers Middle School

- Replace Stage Lighting System & Controls

# Athletics

## Ryan High School

- ❑ Football/Track/Soccer - Aluminum Visitors Grandstands | Relocated Field Events | New Entry with Ornamental Fencing
- ❑ Baseball - New Concessions & Toilets | New Grandstands | New Entry | Field Redress
- ❑ Tennis - 8 New Lighted Tennis Courts | Concession/Toilets/Storage | Entry
- ❑ Indoor Athletics - Renovation of Gymnasiums Paint/Bleachers/Lighting/Flooring

# Athletics

## Guyer High School

- ❑ Football | Soccer | Track - Demo of Misc. site structures; Renovation of existing Field House; New Field House, Artificial Turf Practice Field; Relocation of Field Events; Site work & landscaping improvements; 5000 SF Concession/Toilet/Storage; Scoreboard w/ 40 s clocks
- ❑ Baseball - Demo of Misc. site structures; Ticket booth/Entry; Masonry Scorer's Booth; Laser Grade Field; artificial turf skirt; scoreboard w/ digital board; sound system; replace lighting with LED; 1500 SF Concession/Toilet/Storage Bldg; Cover exist. Batting Cage & add new masonry storage
- ❑ Softball - Demolish existing Field & Replace with new field and amenities to match Braswell & Ryan HS
- ❑ Tennis - (2) new courts including fencing, net, court striping & lighting; seating; Men's FH; parking
- ❑ Indoor Locker Room Additions & Renovations - Reconfigure athletic locker rooms; update finishes; new scoreboards; weight room addition

# Athletics

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## Braswell High School

- New Stadium - 8000 seats, Concessions/Toilets/  
Parking, Press Box, & Visitor's Locker Rm
- Tennis – 2 New Lighted Tennis Courts

# Athletics

## CH Collins Stadium

- Field House Renovation - Renovate existing Hall of Fame to become office & conference space; Technology & Finish updates to Reception & Meeting Room
- Stadium Renovation - Repainting all existing concrete; Repair Plumbing at Restrooms; Restriping Parking Lots

# Priority Item Costs

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## Fine Arts

□ \$30,982,611

## Athletics

□ \$95,457,555



# Citizens Advisory Committee:

Sub-Committee Report:

## **Elementary**

*November 30, 2017*



# ***In pursuit of excellence, the district will:***

- ▶ remain committed to providing equitable and outstanding opportunities for every student on every campus
- ▶ actively pursue, foster and support an advanced digital learning environment
- ▶ stay abreast of and incorporate best practices into teaching, learning, technology and leadership
- ▶ foster a positive and welcoming environment that encourages parent and community partnerships to achieve success for all our students

# Guiding Philosophy

All Denton children should attend schools where the design and resources provide and encourage the


## 4 C's:

**Critical Thinking**

**Creativity**

**Communication**

**Collaboration**



# 13 Elementary Schools Need Renovations and/or Replacement

## Renovations

1. Ginnings
2. Hodge
3. Houston
4. Borman
5. Evers
6. Rivera
7. McNair
8. Pecan Creek
9. E.P. Rayzor
10. Providence
11. Ryan

## Replacements

1. Woodrow Wilson
2. Newton Rayzor



# Our Priorities

1. Urgency/Need
  2. Safety/Security
  3. Benefit to Students
  4. Equity/Value
  5. Benefit to Community
- 



# Urgency/Need

- ▶ ADA Compliance
  - (curbs, sidewalks,)
- ▶ Civil additions/modifications
  - (handrails, concrete works)
- ▶ Mechanical Replacement/Upgrades
  - (HVAC)
- ▶ Plumbing Renovations/Upgrades



# Safety/Security

- Upgrade vestibules to ensure safety of children and staff
  - “Buzz system” on front doors as well as second set of doors to enter into the school
- Add appropriate number of HD security cameras to our elementary schools
  - Upgrade all cameras to HD



# Benefits to Students

- Provide collaborative spaces
- Provide adequate bathroom access for each classroom
  - Adequate number for staff
- Ensure appropriate classroom size to properly accommodate students
  - Square Footage
- Ensure that our Elementary Schools reach the **4 C's Standard**
  - Collaboration
  - Communication
  - Creativity
  - Critical Thinking
- Ensure every child has access to advanced technology



# Equity/Value



- Raise equity of older schools to match newer schools
  - Provide outstanding opportunities for every student on every campus
- New or recently renovated schools
  - Establish high expectation level for success for all students, staff, parents, and community
- Pursue energy efficiency and conservation principles in building design and operating procedures



# Benefit to Community

- ▶ Multi-functional spaces
  - Collab-spaces could be used for events, parent day, etc.
- ▶ Sets high expectation level for success for all students, staff, parents, and community
- ▶ Positive and welcoming environment that encourages parent and community partnerships to achieve success for all our students



# Project 1 of Priority Projects

Rebuild Woodrow Wilson and Newton Rayzor elementary schools.

- ▶ **Wilson**

- ▶ Built in 1965
- ▶ Renovated in 2000, 2005, & 2011

- ▶ **Newton Rayzor**

- ▶ Built in 1960
- ▶ Renovated in 2000 & 2009

*(Note that some areas cannot be rebuilt because they were on last bond issue.)*



# Project 1 Costs: Bid 2020 (Referring to OPC sheet)

## Woodrow Wilson

- Cost to renovate: \$23,541,526
- Cost to replace: \$43,585,734

## Newton Rayzor

- Cost to renovate: \$16,824,545
- Cost to replace: \$43,684,089

*(Note that some areas cannot be rebuilt because they were on last bond issue.)*



# Project 2 Costs: Bid 2020<sub>(Referring to OPC sheet)</sub>

Renovation of 11 schools to fulfill our priorities

1. Urgency/Need
2. Safety/Security
3. Benefit to Students
4. Equity/Value
5. Benefit to Community

**Total cost of renovations: \$51,044,860**



Total Cost (Referring to OPC sheet)

**Project 1 Price Tag**

Replace Woodrow Wilson and Newton Rayzor

Total: **\$87,269,823**

**Project 2 Price Tag**

Renovations to 11 elementary schools

Total: **\$51,044,860**

**Total Renovations and Replacement**

**\$138,314,683**

# Photos

- Representative pictures of safety/security, ADA needs, other updates needed



November 30, 2017

# SECONDARY SUB-COMMITTEE REPORT

# OUR GOAL/OBJECTIVE

**Our goal/objective was to consider all secondary campuses and prioritize potential projects based on:**

- **Urgency/Need**
- **Benefit to Students**
- **Equity – Opportunity Standards**
- **Value**
- **Benefit to Community**



# ALL PROJECTS WE CONSIDERED

## High Schools

- Denton
- Ryan
- Fred Moore

## Middle Schools

- Calhoun
- Strickland
- McMath
- Crownover

*Consideration was based on facilities assessment and opportunity standards (equity) for all students, which included critical input from the Extracurricular sub-committee.*



# ALL PROJECTS WE CONSIDERED

- **Capital Improvements**
  - Recommendations
  - Considerations
- **Equity Improvements**
  - Extracurricular
  - Other Considerations
    - Special Programs



# ALL PROJECTS WE CONSIDERED

- **Capital Improvements**
  - **Facilities Assessment Recommendations**
    - ADA Compliance
    - Civil Engineering
    - Mechanical, Electrical, and Plumbing
    - Safety and Security
    - Food Services
  - **Considerations**
    - Architectural Improvements
      - Add Value



# ALL PROJECTS WE CONSIDERED

- **Equity Improvements**
  - **Extracurricular Sub-Committee**
    - Athletics and Fine Arts
      - Denton High School
      - Ryan High School



# OUR PRIORITIES

1. Urgency/Need
2. Benefit to Students
3. Equity – Opportunity Standards
4. Value
5. Benefit to Community



# CONSIDERATIONS FOR DENTON HIGH SCHOOL

## New Build

- Appropriately sized tract of land
- Opportunity standards
  - Instructional spaces
  - CTE classrooms
  - Athletic & Fine Arts facilities
  - Parking
- Safety and security concepts
- Programmed for 2,400 students
- OPC for 2019 bid: \$180,423,980

## Additional Renovations

- OPC for total: \$173,668,383
  - Capital improvements: \$ 20,000,00
  - Reno of academic core: \$127,668,383
  - Athletic improvements: \$ 14,000,000
  - Fine Arts improvements: \$ 12,000,000
- Challenges:
  - Current site is 35 acres
  - 11 major building additions/renovations
  - Inadequate infrastructure for technology
  - Extensive renovations required



# CONSIDERATIONS FOR CALHOUN MIDDLE SCHOOL

## Repurpose of DHS

- OPC for 2022 bid: \$25,057,083
- Square footage allows for flexible learning spaces
- Safety and security concepts
- Programmed for 2,400 students
- Current CMS location to be utilized for other program needs

## Additional Renovations

- OPC for 2019 bid: \$38,154,402
  - Capital improvements only



# CONSIDERATIONS FOR STRICKLAND MIDDLE SCHOOL

## Renovations and Additions

- OPC for 2019 bid: \$57,675,000
  - New 2 story academic wing
  - New administration and front entry
  - New student drop off
  - Redesign for new Art rooms/courtyard
  - Renovations to instructional classrooms
  - Reno of core and basement to multi-level media center and learning hub
  - General finish/upgrades throughout
  - Technology upgrades
  - Track and field replacement
  - Reno auditorium

## Renovations

- OPC for 2019 bid: \$24,925,284
  - Capital improvements only



# OUR PRIORITIES

PROJECT	COST
Denton High School (Rebuild)	◇ \$180,423,980
Calhoun Middle School (DHS repurposed)	◇ \$ 25,057,000
Strickland (Onsite renovations and additions)	◇ \$ 57,675,000
Fred Moore High School (Capital improvements, cafeteria/food service & Learning Hub)	★ \$ 1,573,531
Ryan High School (*Capital improvements)	*\$ 15,363,136
McMath Middle School (*Capital improvements)	*\$ 6,087,934
Crownover Middle School (*Capital improvements)	*\$ 7,433,000
TOTAL	\$293,613,581

Legend:  
 ◇ VLK OPC  
 ★ Huckabee OPC 2022  
 \* Huckabee OPC 2019



# BACKGROUND INFORMATION

- Consideration of cost of improvements made to secondary projects since 2002
- Restrictions of acreage at current site of DHS
- Calhoun (repurpose of DHS) and Strickland projects remain within current attendance zones
- The cost to build a new DHS, Strickland reno, and repurposing current DHS to Calhoun would be less than the cost of a DHS renovation, a Strickland renovation, and a new Calhoun
- Secondary projects as proposed would encompass recommendations of Extracurricular and Special Programs sub-committees



# BACKGROUND INFORMATION

## IMPORTANT NOTE:

**All figures included in this presentation are  
OPINIONS OF PROBABLE COSTS from  
committee consultants**



# QUESTIONS?



Citizens' Advisory Committee