





NORTHWEST ISD
**LONG RANGE
PLANNING**
COMMITTEE

Meeting #5
November 8, 2022

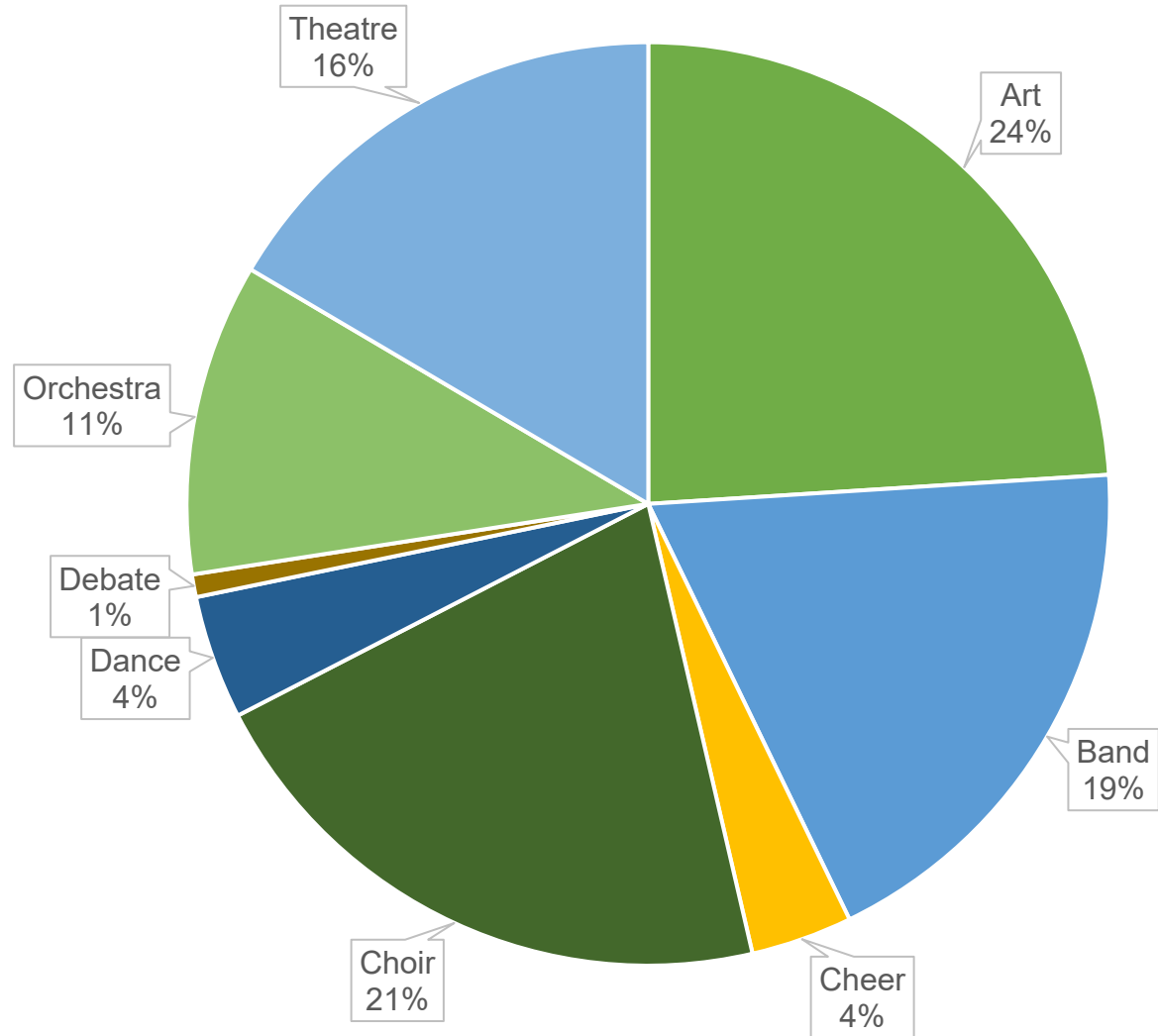


Tonight's Agenda

1. Meeting 4 Recap
2. Building Deficiencies
3. Projects for Growth: New Facilities & Delayed Projects
4. Game of Growth: District Anticipated Forecast
5. Tour Adams MS
6. School Finance 101 & NISD Financial Overview
7. Bonds 101: Bonding Capacity & Tax Impact Scenarios
8. Q&A / Large Group Discussion

Fine Arts Overview

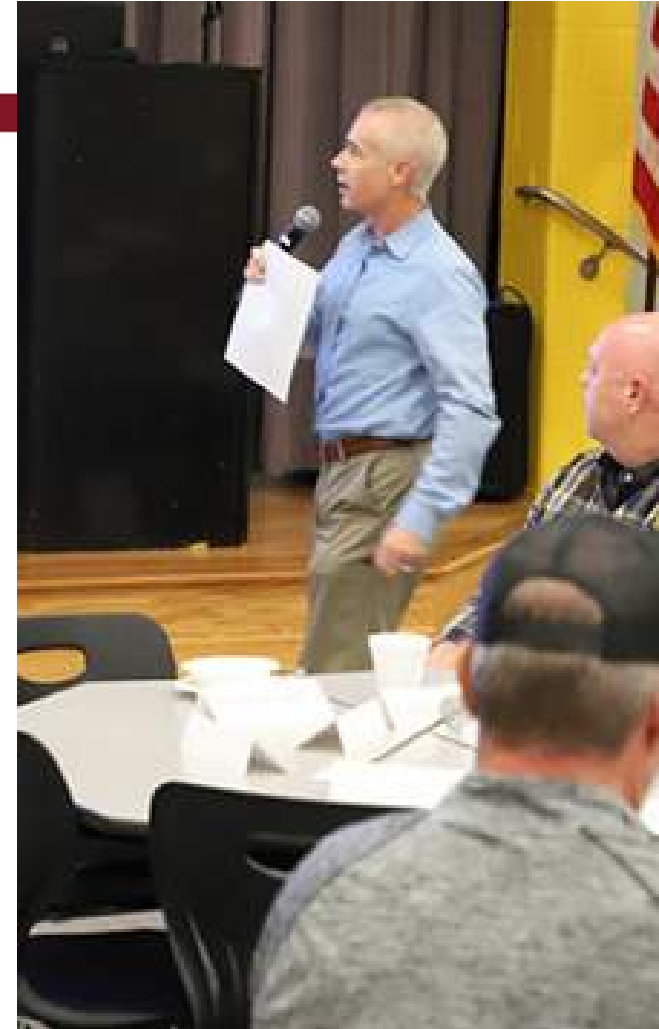
76% of Secondary Student Population



Meeting 4 Recap: Fine Arts

Fine Arts Bond Project Considerations:

- Visual and Performing Arts Center
- HS Auditoriums: Increase Capacity
 - BNHS: upgrade seats, LED digital lights, etc.
- MS Art & Dance Room Additions
- Steele AHS:
 - Kiln and Kiln Room Addition
 - Stage Lighting, Sound and Rigging Upgrades
- Upgrade & Replace Kilns
- Elementary Choral Risers
- Replace Sound Systems
- HS Band: extend concrete, replace asphalt with concrete at NHS



Athletics Overview

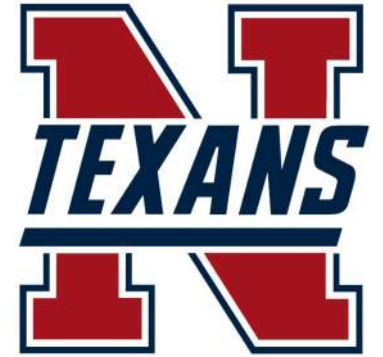
NISD Athletic Participation – 5,493 students

Middle School Females: 1,256

Middle School Males: 1,527

High School Females: 1,019

High School Males: 1,691



Meeting 4 Recap: Athletics

Athletics Bond Project Considerations:

- Home Stadiums at EHS, BNHS + HS#4
- Athletic Ticket Booths
- Concession Stand with Restrooms at BNHS (soccer/football)
- Cover Batting Cages
- Concession Stand for Baseball and Softball at EHS
- Replace Carpet and HVAC Systems at NISD Stadium
- Renovate Texan Stadium
- LED Lights at NISD Stadium
- Replace Turf at Wilson MS & NHS Competition Field
- Enlarge Gymnasiums at BNHS and EHS - take capacity to 3,200 spectators
- Additional Bleachers at CTMS and All Softball/Baseball Facilities
- Additional Bleachers at BNHS and EHS at field, IF home stadiums aren't built
- Enlarge or Construct larger wrestling room at BNHS
- Addition of Concession Stand and Restrooms at CTMS



CTE Overview

- Nearly 80% of all high school students participate in CTE and over 90% of middle school students. At the high school CTE students occupy more than 10,000 seats.
- Last year students in these programs earned 4,287 certifications including EMT, Licensed Cosmetologist, Certified Veterinary Assistant, Microsoft Master, American Welding Society G3/F3, Adobe associate, Revit certified associate and private pilot.
- All programming is free and accessible to all students and busing is provided for your academy of choice.
- All academies and pathways are aligned to industry expectations and standards for preparing skills and all students are encouraged to become Skilled, Credentialed and Ready for the world of work.

Meeting 4 Recap: CTE

CTE Bond Project Considerations:

- Paint Booths at Eaton & BNHS
- Kelly Box Ag Center
- NHS Greenhouse Replacement
- BNHS Greenhouse Maintenance
- ENHS & BNHS Welding Shops
- Second Ag Center Facility
- Middle School Family Consumer Science Kitchens
- CTE Computer Lab Furniture
- Creative Media Production Academy & Pathways



Transportation Overview

- Last year buses traveled 2.6 million miles
- We average 15,000 miles per day across our fleet
- We transport approximately 15,300 students twice a day
- 2021-2022 school year we ran 1,850 Field Trips
- We operate 161 Routes twice a day



Meeting 4 Recap: Transportation

Transportation Bond Project Considerations:

- 15 replacement buses per year
- 10-12 new buses for growth per year
- Smart Tag ridership solutions for all buses
- Mesh WiFi at all transportation yard locations
- Replacement of the Central Campus Transportation Facility



Meeting 4 Recap: Weighting Factors & Grading Criteria

For future prioritization ranking and activities, these categories and weights will be used:

Benefit to Students	Urgency/ Need	Value	Community Support
40%	30%	20%	10%

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Building Deficiencies

Additional Infrastructure Upgrades
Concurrent with Bond Program

Adam Corwin, Centrix



- **Founded by partners with more than 75 years of combined experience**
- **Collectively implemented more than \$1.5B in “Design-Build-Finance” projects**
- **National Coalition of Local Energy Service Companies (ESCOs) that benefit from:**
 - **Economies of group purchasing and preferred local subcontractors**
 - **Cost transparency and lower overhead structure than other ESCOs**
 - **Core Team of Engineers, Project Managers, and other Subject Matter Experts**
- **Regional Centers of Excellence**
 - **Internet of Things (IoT) Deployments / Enhanced Connectivity / Distance Learning**
 - **Indoor Air Quality / Multiple Remediation Technologies**
 - **Retro-Commissioning and Renewable Energy Strategies**
- **Primary mission is to establish local ESCO partners operating under the Centrix banner in the Top 20 ESCO markets nationally**

Centrix Energy Partners



Regional Partners

Our regional partners are local self-starters who are committed to helping their customers succeed and are supported logistically and financially by the parent company. We provide technical expertise and personalized service to local communities, while also leveraging the financial strength of our nationwide network.

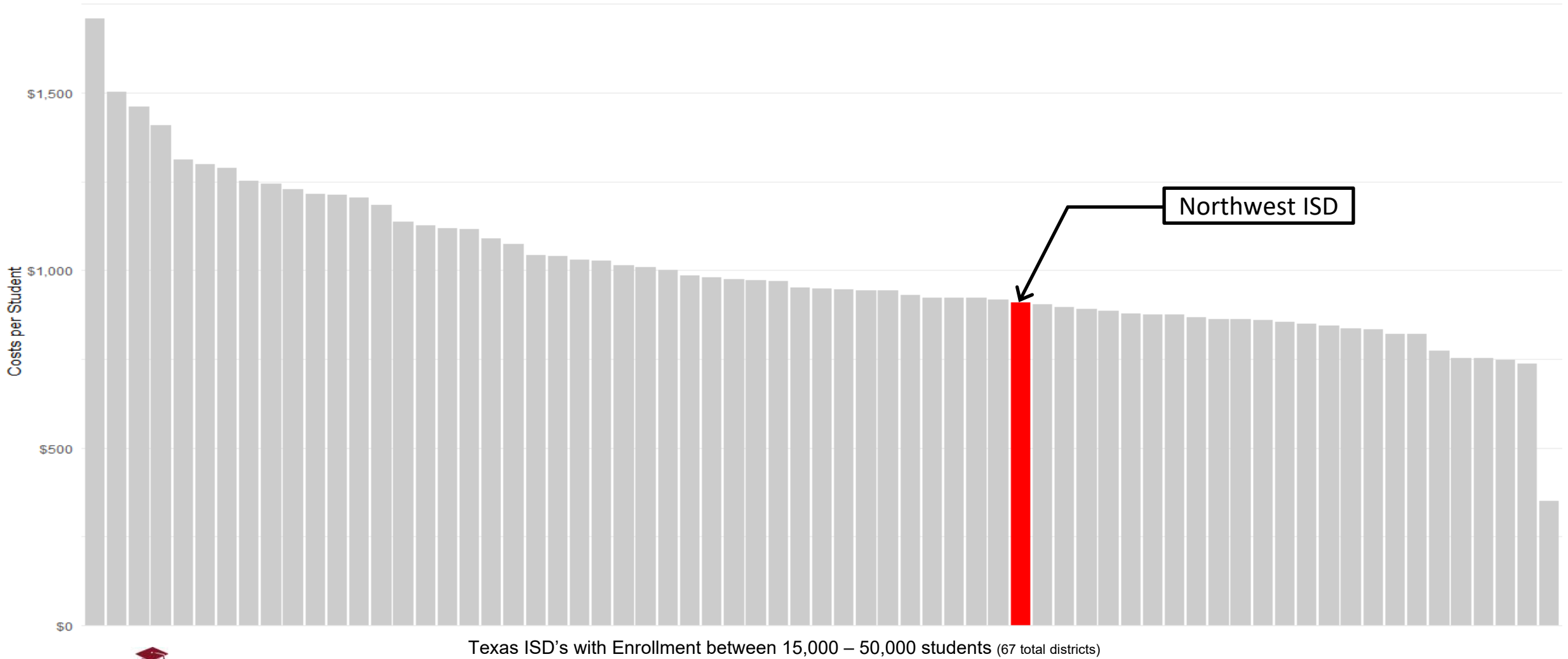
National network of energy efficiency experts that are delivering cost-effective upgrades on a local basis



- **Preliminary Assessment of eleven (11) schools was completed in April**
- **Identified projects that would generate significant energy and M&O savings**
- **Investment Grade Audit (IGA) was then approved by Board in September**
- **NISD staff targeted a group of twenty-eight (28) facilities identified for IGA**
- **Site surveys were completed and specific needs were identified**
- **Reviewed NISD's Bond Program, existing Capital Improvement Plan, and Deferred Maintenance List**
- **Worked with NISD to identify "Recommended Projects"**
- **Developed Guaranteed Maximum Price (GMP) budget estimates for each of the Recommended Projects**
- **Projects with the best Return on Investment (ROI) should be started first**

NISD Maintenance Spending per Student

Plant Maintenance Spending per Student
Northwest ISD in Red



Targeted Group of Schools for IGA

#	Elementary Schools	SqFt
1	Beck Elementary	91,594
2	Carl E Schluter Elementary	109,093
3	Cox Elementary	98,866
4	Granger Elementary	94,713
5	Hughes Elementary	98,028
6	JC Thompson Elementary	104,676
7	Lakeview Elementary	89,794
8	Love Elementary	101,547
9	Nance Elementary	79,040
10	Peterson Elementary	98,142
11	Roanoke Elementary	101,789
12	Sendera Elementary	100,447
		1,167,729

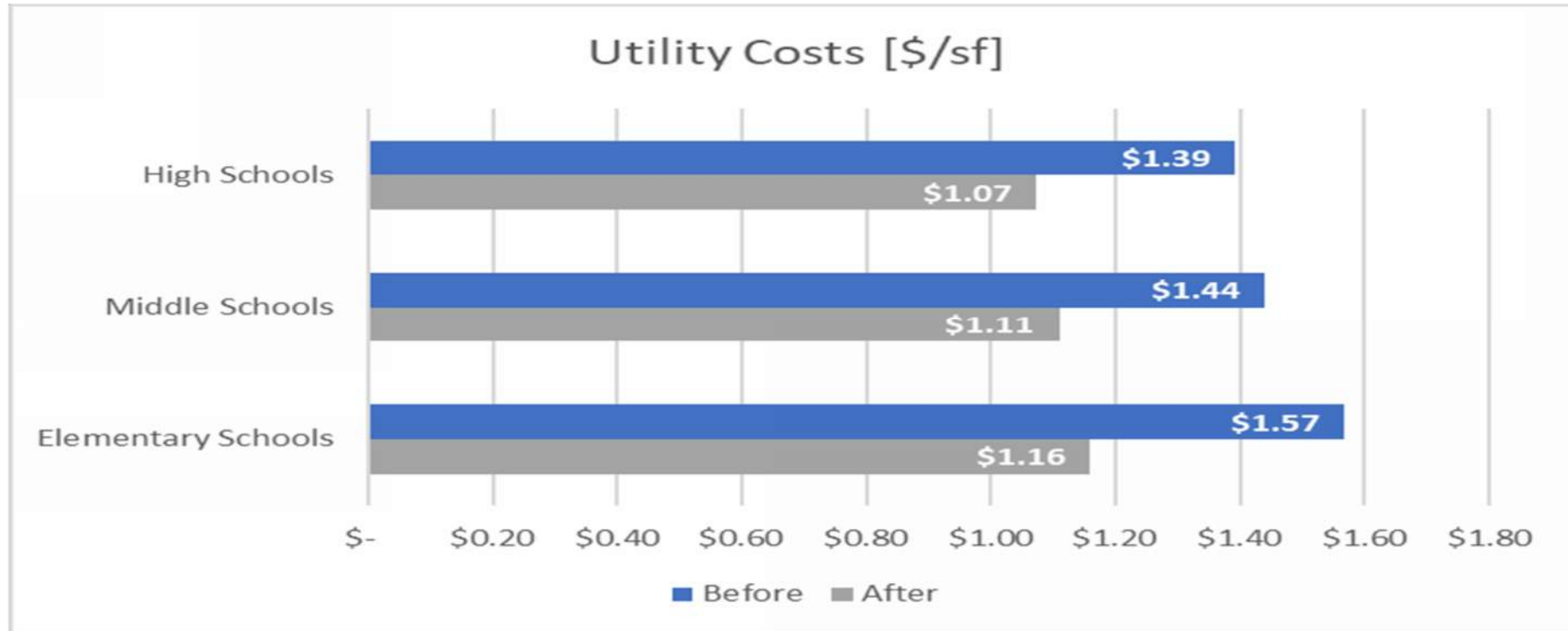
#	Middle Schools	SqFt
1	Chisholm Middle	166,819
2	Medlin Middle	174,022
3	Tidwell Middle	179,357
4	Wilson Middle	186,820
		707,018

#	High Schools	SqFt
1	Byron Nelson High	646,201
2	Steele High	55,418
3	V.R. Eaton High	622,018
		1,323,637

#	Support Facilities	SqFt
1	Agriculture Barn	0
2	Barn 1 (Swine)	8,919
3	Barn 2 (Goat/sheep)	8,919
4	Barn 3 (cow)	8,919
5	Kelly W Box Ag Center	16,478
6	NHS Tennis C. RR	442
7	NISD Stadium	6,669
8	Texan Field House (Texan Stadium)	15,000
9	Texan Stadium	21,274
		86,620

	SqFt
Elementary Schools	1,167,729
Middle Schools	707,018
High Schools	1,323,637
Support Facilities	86,620
	3,285,004

Targeted Group of Schools for IGA



- Annual energy savings in excess of \$1M per year have been identified
- Additional \$1M per year in M&O savings from reduction in equipment repairs and process improvements

SECTION A1: PROJECT SUMMARY – Kay Granger Elementary School

Project Overview

Centrix Energy Partners' (CEP) project for Kay Granger Elementary School couple strategy of addressing older, less efficient HVAC equipment that will lead to energy savings and reduced O&M costs. The HVAC are predominantly 2007 or 2012. Together the measures will reduce the energy use and cost to the school. The improvements will also address NISD Budgetary Strategy.

ECM Summary



Lighting Improvements & Lighting Controls – New energy-efficient LED lighting systems and controls will save energy, reduce maintenance time, and improve the quality of the light at the facility.

Water Conservation– Low flow faucets and restroom fixtures will reduce the school's domestic water use. Evaluate and retro-commission the electronic occupancy sensors (on urinals / toilets)

EMS Improvements – New building control strategies such as demand-controlled ventilations, and supply air reset will reduce the energy use to condition the building. Evaluate the Air Handling Units for optimization

Retro-Commissioning – CEP's commissioning team will survey the building energy systems to confirm that they are operating according to the original design. CEP has included an allowance for end device repair that are identified as part of this ECM.

Cooling and Ventilation– Evaluate for replace the aging HVAC equipment that are 2007 and 2012 in age. Mostly roof top Lennox, Trane, or American Standard.

Building Envelope (including Window Film) – Sealing building leaks around windows and doors will reduce air infiltration and the associated cooling/heating costs.

Transformers- Replace original equipment with more energy-efficient units.

Key ECM Benefits

NISD Sustainable Schools

Looking Forward

Improvements made at Kay Granger Elementary School will lower energy (utility) costs while also reducing Operational & Maintenance cost. By structuring it as a project, NISD can plan for your capital budget and investment needs.



Kay Granger Elementary School



Site Profile

Kay Granger ES
12771 Saratoga Springs
Keller, TX 76248

Opened: 2007
Addition: 2015
Total Building Area: 94,713 ft²

Electric Use Index: 25.33 Btu/sqft
Utility Cost Index: \$0.77/sqft

Proposed Savings

Electricity Reduction (kWh): 25%
Water/Sewer Reduction (gal): 18%



- Observations / recommendations for each site
- High level savings estimates / financial impact
- Sample Excerpt Below

Lighting Improvements & Lighting Controls – New energy-efficient LED lighting systems and controls will save energy, reduce maintenance time, and improve the quality of the light at the facility.

Water Conservation– Low flow faucets and restroom fixtures will reduce the school's domestic water use. Evaluate and retro-commission the electronic occupancy sensors (on urinals / toilets)

EMS Improvements – New building control strategies such as demand-controlled ventilations, and supply air reset will reduce the energy use to condition the building. Evaluate the Air Handling Units for optimization

Retro-Commissioning – CEP's commissioning team will survey the building energy systems to confirm that they are operating according to the original design. CEP has included an allowance for end device repair that are identified as part of this ECM.

Cooling and Ventilation– Evaluate for replace the aging HVAC equipment that are 2005 in age. Mostly roof top AAON, Lennox, and American Standard.

Building Envelope (including Window Film) – Sealing building leaks around windows and doors will reduce air infiltration and the associated cooling/heating costs.

Transformers- Replace original equipment with more energy-efficient units.

Recommended Projects

	Facility Improvement Measure
1	Rooftop HVAC Replacement - Grade D and F
2	Rooftop HVAC Replacement - Grade C
3	Air Conditioning Refurbishment
4	Indoor Air Quality Enhancement
5	Building Automation - Upgrade to Reliable
6	Building Automation - Kitchen and Fume Hood Controls
7	Building Automation - Refrigeration Controls
8	Building Automation - Test / Balance / Retrocommission
9	Building Automation - Submetering
10	Geothermal HVAC Replacement - Byron Nelson High School
11	Geothermal HVAC Replacement - VR Eaton High School
12	Geothermal HVAC Replacement - Wilson Middle School
13	Lighting Upgrades
14	Building Envelope
15	Water Conservation / Irrigation Upgrades
16	Transformer Replacement - Grade F
17	HVAC Replacement - Justin Elementary
18	LED Lighting Upgrades - Additional Schools
19	Roof Replacement - Nance Elementary
20	Roof Replacement - Press Box and Field House
21	Stadium Lighting - NISD and Track
22	Resurface Track and Turf Replacement - Texan Stadium
23	Exterior Sports LED Lighting
24	Turf Replacement Wilson Middle and NHS Sub JV Field

Air Conditioning Replacements

School	Grade A	Grade B	Grade C	Grade D	Grade F	Total
Beck Elementary School		4	37		31	72
Byron Nelson HighSchool	36			18	3	57
Chisholm Trail Middle School	28	9		36	15	88
Clara Love Elementary School			11	74		85
Cox Elementary School			83			83
Granger Elementary School			12		87	99
Hughes Elementary School	12	1			83	96
JC Thompson Elementary School	7		78			85
Lakeview Elementary School			17	14	7	38
Medlin Middle School	37	4	6	8	14	69
Nance Elementary School					78	78
NISD Stadium Fieldhouse			4		3	7
NISD Stadium Home Concession					4	4
NISD Stadium Media					5	5
NISD Stadium Visitor					4	4
Peterson Elementary School			7	71		78
Pike Middle School Gym				7		7
Roanoke Elementary School			7	71		78
Schluter Elementary School		10	77			87
Sendra Ranch Elementary School	9				74	83
Steele Early College High School			53			53
Tidwell Middle School	2			97		99
Wilson Middle School	2		16			18
Total	133	28	408	396	408	1373



Grade	Replace in:	Units
A	10-15 years	133
B	5-10 years	28
C	3-5 years	408
D	1-3 years	396
F	0-1 years	408
	Total	1373

Air Conditioning Refurbishment

School	Units
Beck Elementary School	41
Byron Nelson High School	36
Chisholm Trail Middle School	37
Clara Love Elementary School	11
Cox Elementary School	83
Granger Elementary School	12
Hughes Elementary School	13
JC Thompson Elementary School	85
Lakeview Elementary School	17
Medlin Middle School	47
NISD Stadium Fieldhouse	4
Peterson Elementary School	7
Roanoke Elementary School	7
Schluter Elementary School	87
Sendera Ranch Elementary School	9
Steele Early College High School	53
Tidwell Middle School	2
Wilson Middle School	18
Grand Total	569

- Application Process

- Brush and straighten condenser fins
- Deep clean unit with high pressure
- HVAC Armor contains 65% aluminum flake to improve heat transfer and efficacy
- Extends useful life of HVAC equipment

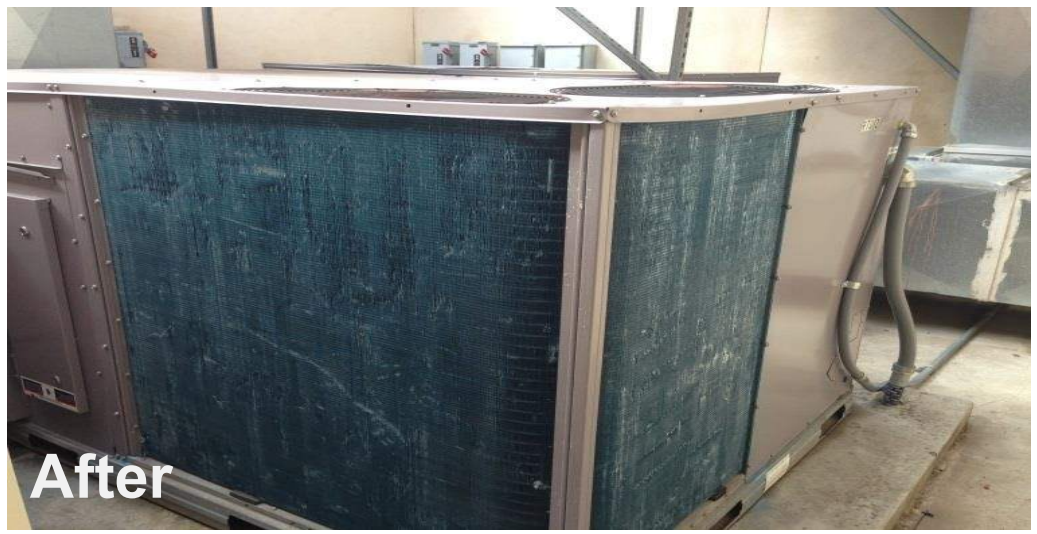
- Deployment Strategy

- For Grade A and B – refurbish units in place
- For Grade C, D, and F – apply Armor coating to new coils before shipping to NISD



Grade	Replace in:
A	10-15 years
B	5-10 years
C	3-5 years
D	1-3 years
F	0-1 years

Air Conditioning Refurbishment



Indicative photos from another client – not NISD equipment



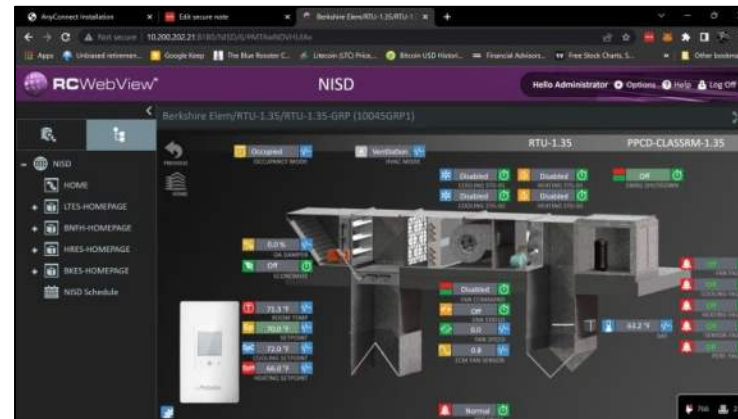
- System Overview

- Patented technology enables variable control of ionization levels instead of constant output
- Kills pathogens
- Eliminates odors
- Removes particulates
- Saves energy

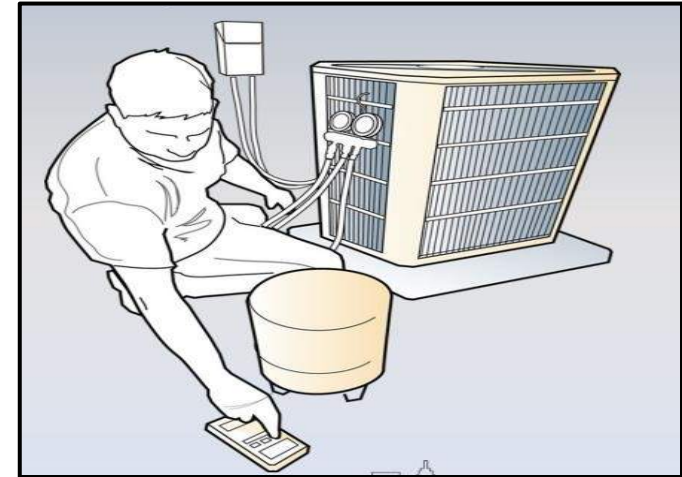
- Deployment Strategy

- Custom designed for each facility
- New installation at schools without any existing ionization technology
- Retrofit / upgrade existing ionization systems where applicable

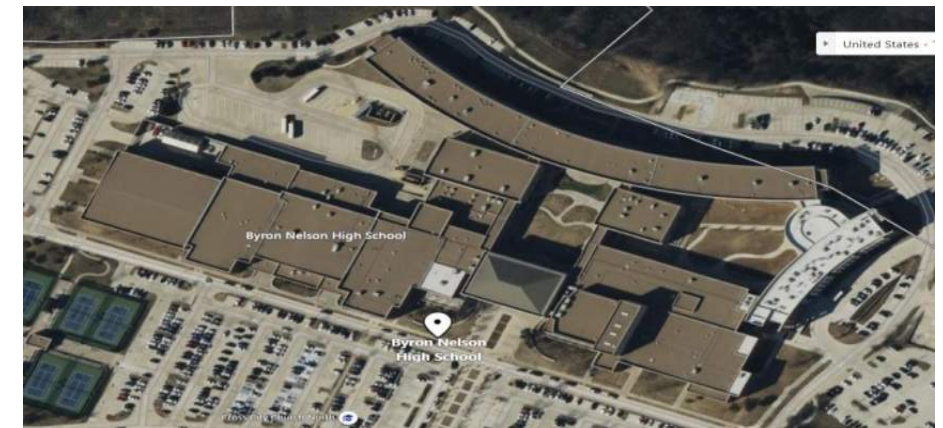
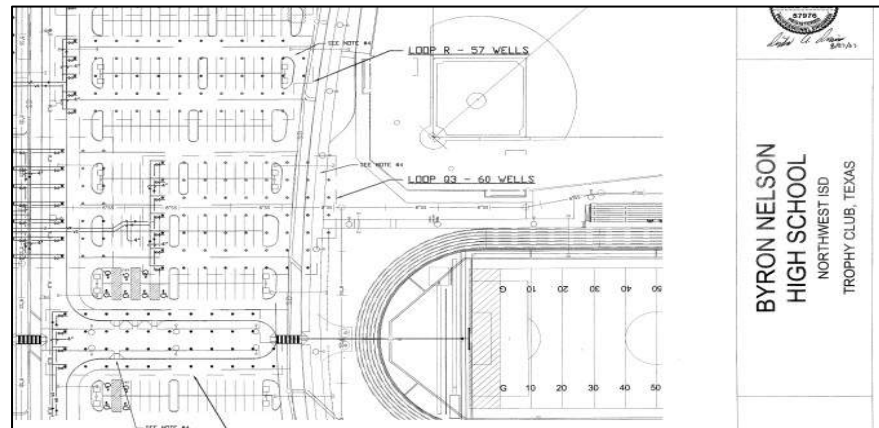
- District Wide Standardization of Reliable Controls
 - Older Alerton systems have caused problems and are difficult to service
 - Reliable provides more consistent pathway forward (“future proof”)
- Kitchen Hoods and Fume Hoods
 - High airflow systems / manual operation wastes energy
- Refrigeration System Controllers
 - High energy usage / failures can lead to costly food spoilage



- Test, Balance, and Retrocommissioning
 - Ensure that all equipment replacements are set-up correctly
 - Equipment setpoints “drift” over time and must be addressed
- Building Submetering
 - Better management of energy utilization across campus settings
 - Identify billing errors more easily and equipment running overnight



- Currently Installed at Three (3) NISD Facilities
 - Byron Nelson High School (BNHS)
 - VR Eaton High School
 - Wilson Middle School
- Operational Issues and Increasing M&O Costs
 - Wells are failing and some are located under parking lot / difficult to access
 - System reliability is easily compromised
- **BNHS will be converted first due to its age and condition**



Lighting Upgrades

- District Wide standardization of LED technology
- Retrofit existing fixtures and replace where necessary
- Significant energy savings for some schools
- Interior lighting / exterior lighting / some parking lots
- Extended warranties for all new LED technology installed
- Generates further long-term M&O savings



- Existing Conditions
 - Infiltration through gaps and unsealed openings
 - Increases energy costs / can create humidity problems / insects and rodents
- Proposed Solutions
 - New door sweeps where appropriate
 - Caulk and seal window openings where appropriate
 - Seal and improve integrity of roof / wall intersections



- Existing Conditions

- Older toilets, urinals, faucets consume more water than necessary
- Outdated technology leads to higher water and sewer expenditures
- Some irrigation controllers are limited and/or non-functioning

- Proposed Solutions

- Replace / retrofit existing fixtures to higher efficiency (lower flow)
- Install more comprehensive irrigation controllers

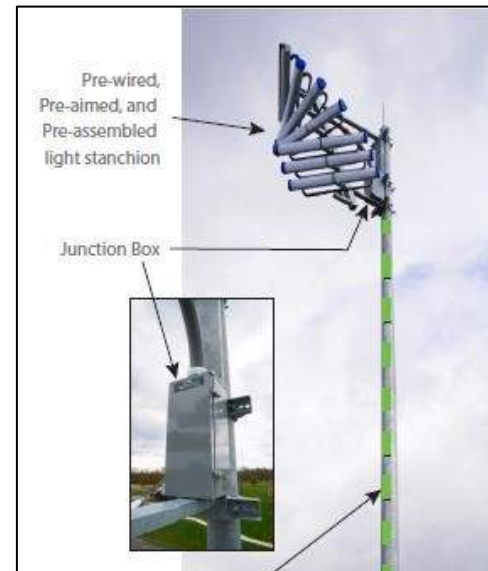
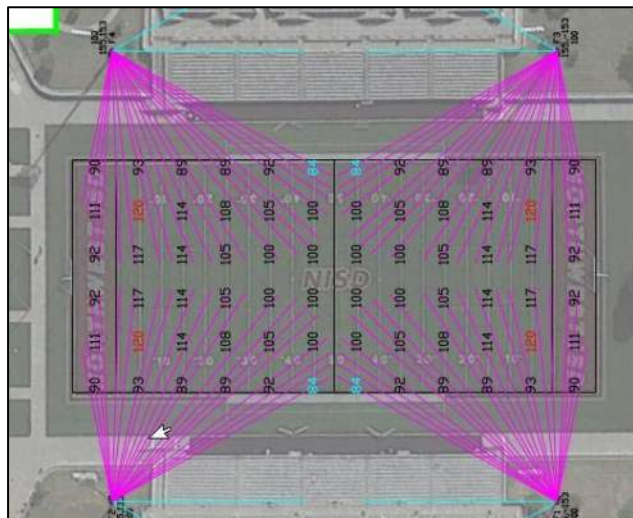


- Existing Conditions
 - Some transformers are noisy and overheating / indicates potential failure
 - System reliability is threatened / can also be significant safety hazard
- Proposed Solution
 - Condition assessment has been completed / graded as A, C, or F
 - Recommend replacing all transformers with Grade F
 - Ensure that all new transformers are properly sized



Previously Identified Bond Projects

LED Lighting Upgrades - Additional Schools
Roof Replacements
Turf & Track Replacements
Exterior Sports LED Lighting (Non-Stadium)
Stadium Lighting
Flooring Replacement (Carpet & LVT)
Fire Alarm



Projects for Growth

New Facilities & Delayed Projects

Tim McClure



2021 Bond Adjustments



PROPOSITION A			
GROWTH: New Facilities, Additions, & Land	Estimated Year Open	Estimated Construction Cost	Actual Construction Bids
Elementary School #22	2023	\$34,528,399	\$ 37,500,000
Elementary School #23	2024	\$45,798,768	
Middle School #7	2023	\$65,420,611	\$ 68,200,000
Replacement Elementary School - Hatfield	2022	\$32,653,140	\$ 35,800,000
Replacement Elementary School – Seven Hills	2022	\$32,347,692	\$ 43,930,000
Additional Pre-K Classrooms, HVAC & Roofs	2022	\$22,000,000	\$ 25,500,000
Pike Replacement Middle School	2024	\$76,074,330	\$ 89,700,000
Northwest HS Additions and Renovations	2025	\$128,070,678	\$167,000,000
Hatfield ES Renovation to Admin	2024	\$18,397,589	
Central Admin Renovation	2024	\$17,009,622	
TOTALS		\$391,094,850	\$467,630,000

Move to 2023 Bond to Re-capture Funds

Move to 2023 Bond to Re-capture Funds

Total amount needed: \$ 76,535,150

Total amount re-captured: \$ 81,205,979

2021 Bond Adjustments

2021 Bond Adjustments Schedule

- Move the following projects to the 2023 bond program:
 - Elementary School #23 (scheduled to open 2024) - \$45,798,768
 - Hatfield ES Renovation to Admin (Const. to begin Fall 2023) - \$18,397,589
 - Central Admin Renovation (Const. to begin Fall 2023) - \$17,009,622
 - **Total amount re-captured - \$81,205,979**

Additional Projects for Consideration

BUILDING LEGEND

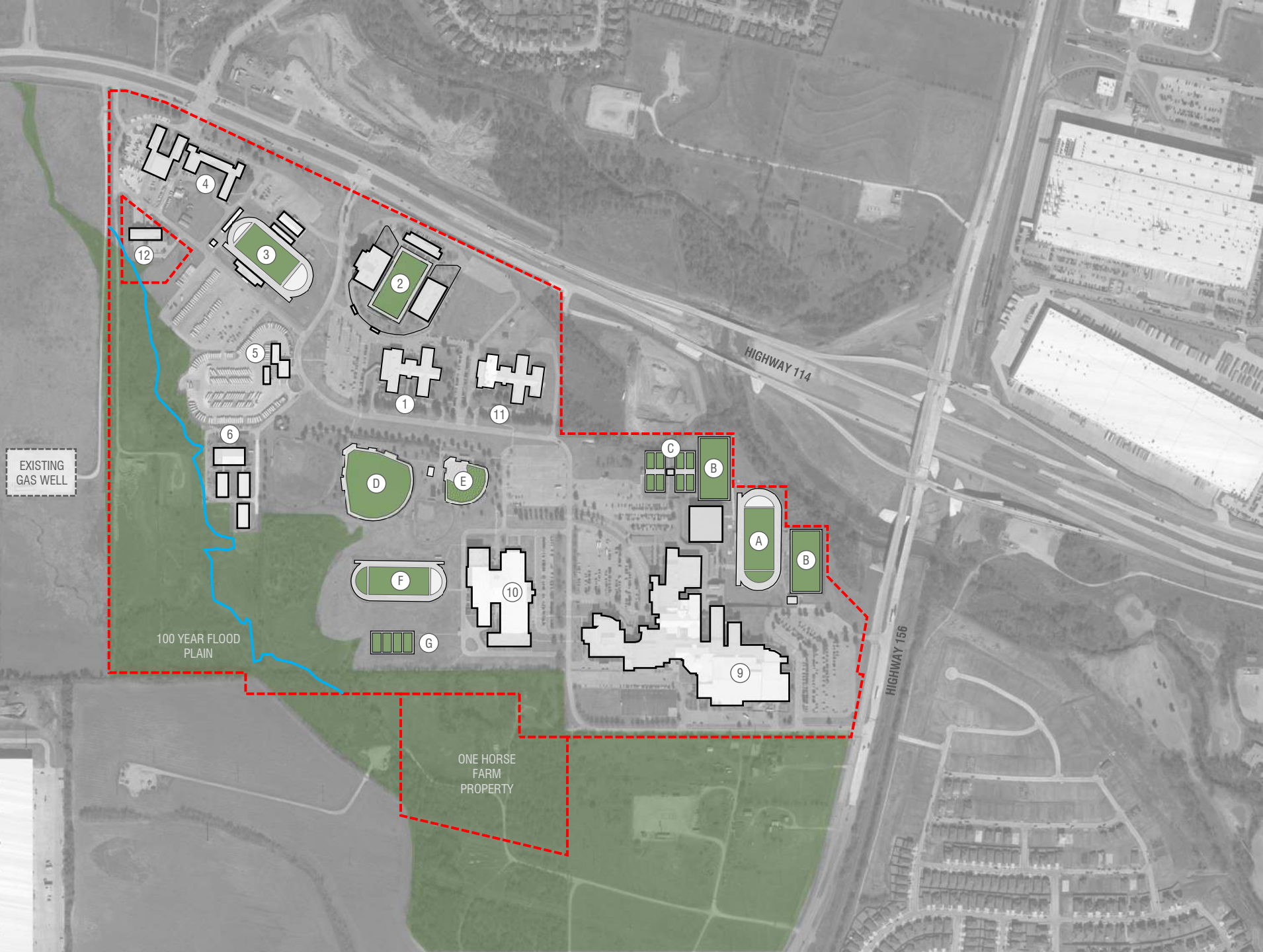
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2. NISD STADIUM
3. NISD TRACK AND FIELD COMPLEX
4. NISD SUPPORT SERVICES BUILDING
5. NISD TRANSPORTATION CENTER
6. NISD KELLY BOX AGRICULTURAL SCIENCE CENTER
7. NISD AQUATIC CENTER
8. NISD EVENT CENTER
9. NORTHWEST HIGH SCHOOL
10. PIKE MIDDLE SCHOOL
11. HATFIELD ELEMENTARY SCHOOL
12. CITY OF FORT WORTH FIRE DEPARTMENT

SITE FEATURE LEGEND

- A. NORTHWEST HIGH SCHOOL FOOTBALL FIELD
- B. NORTHWEST HIGH SCHOOL PRACTICE FIELD
- C. NORTHWEST HIGH SCHOOL TENNIS COURTS
- D. NORTHWEST HIGH SCHOOL BASEBALL FIELD
- E. NORTHWEST HIGH SCHOOL SOFTBALL FIELD
- F. PIKE MIDDLE SCHOOL FOOTBALL FIELD
- G. PIKE MIDDLE SCHOOL TENNIS COURTS
- H. EXISTING PARKING
- I. RECONFIGURED PARKING
- J. NEW PARKING

**NORTHWEST ISD
DISTRICT CENTRAL FACILITY CAMPUS ASSESSMENT**
12.09.19

EXISTING SITE PLAN



BUILDING LEGEND

1. NISD ADMINISTRATION BUILDING
2. NISD STADIUM
3. NISD TRACK AND FIELD COMPLEX
4. NISD SUPPORT SERVICES BUILDING
5. NISD TRANSPORTATION CENTER
6. NISD KELLY BOX AGRICULTURAL SCIENCE CENTER
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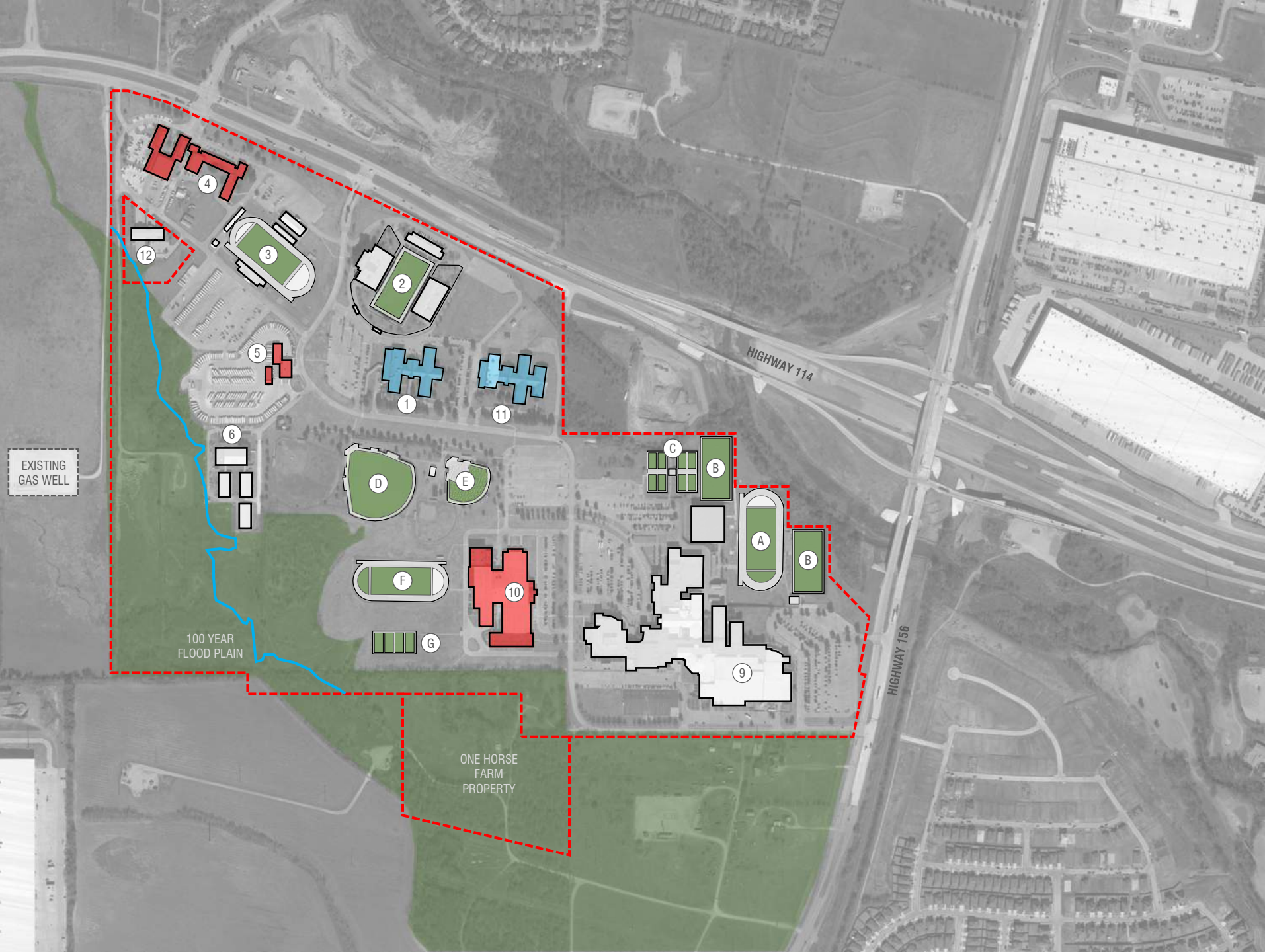
SITE FEATURE LEGEND

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- G. PIKE MIDDLE SCHOOL TENNIS COURTS
- H. EXISTING PARKING
- I. RECONFIGURED PARKING
- J. NEW PARKING

- DEMOLISHED BUILDING
- NEW OR REPURPOSED BUILDING

NORTHWEST ISD
DISTRICT CENTRAL FACILITY CAMPUS ASSESSMENT
12.09.19

DEMOLITION SITE PLAN





BUILDING LEGEND

1. NISD ADMINISTRATION BUILDING
2. NISD STADIUM
3. NISD TRACK AND FIELD COMPLEX
4. NISD SUPPORT SERVICES BUILDING (RE-BUILT)
5. NISD TRANSPORTATION CENTER (RE-BUILT)
6. NISD KELLY BOX AGRICULTURAL SCIENCE CENTER
7. NISD AQUATIC CENTER NISD EVENT CENTER (FUTURE BUILDING)
8. NORTHWEST HIGH SCHOOL
9. PIKE MIDDLE SCHOOL (RE-BUILT)
10. HATFIELD ELEMENTARY SCHOOL (REPURPOSED)
11. CITY OF FORT WORTH FIRE DEPARTMENT

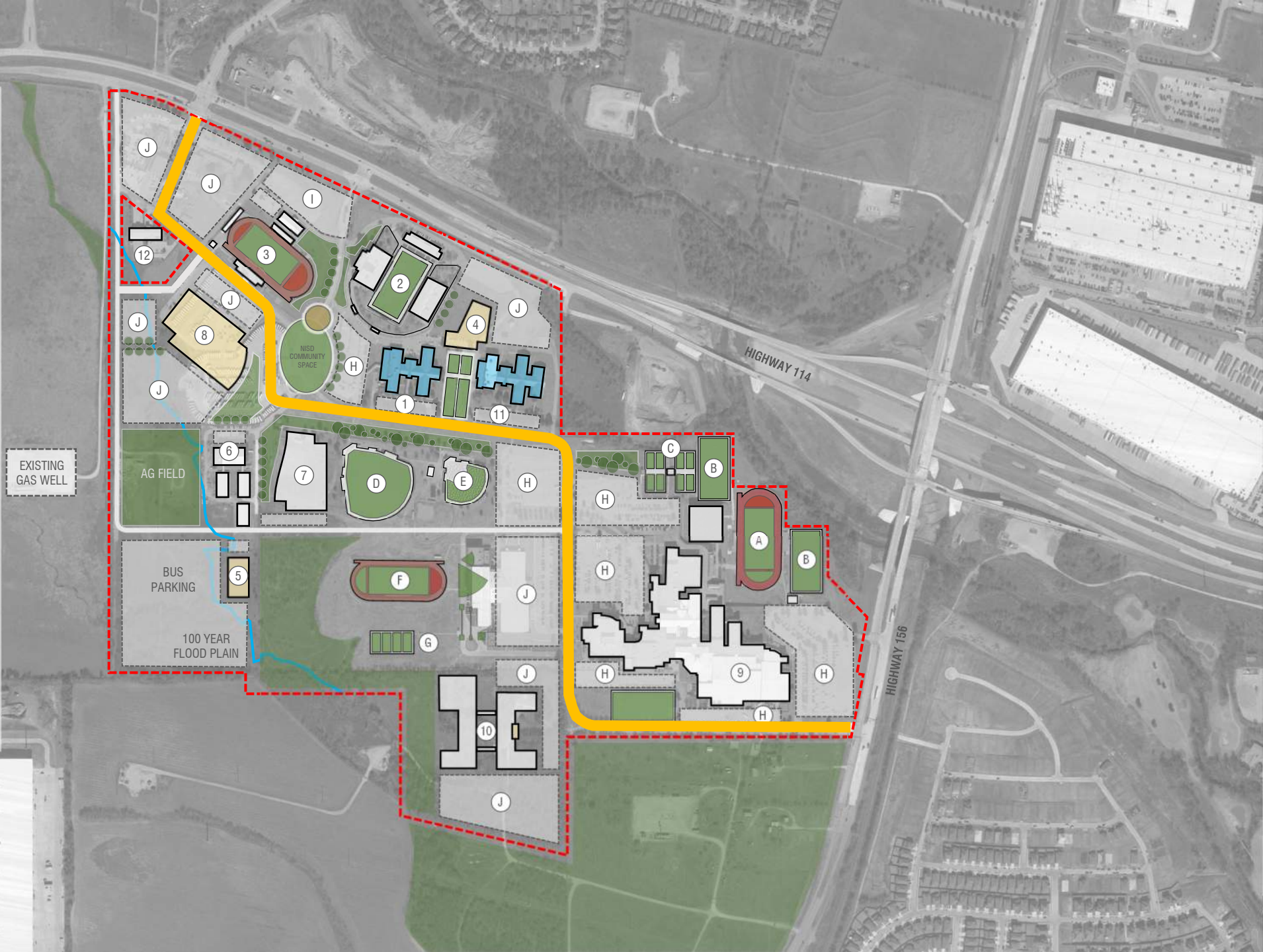
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- H. EXISTING PARKING
- I. RECONFIGURED PARKING
- J. NEW PARKING

-  NEW OR REPURPOSED BUILDING
-  NEW, FUTURE OR RE-BUILT BUILDING

**NORTHWEST ISD
DISTRICT CENTRAL FACILITY CAMPUS ASSESSMENT**
12.09.19

PROPOSED SITE PLAN



Proposed Site Plan

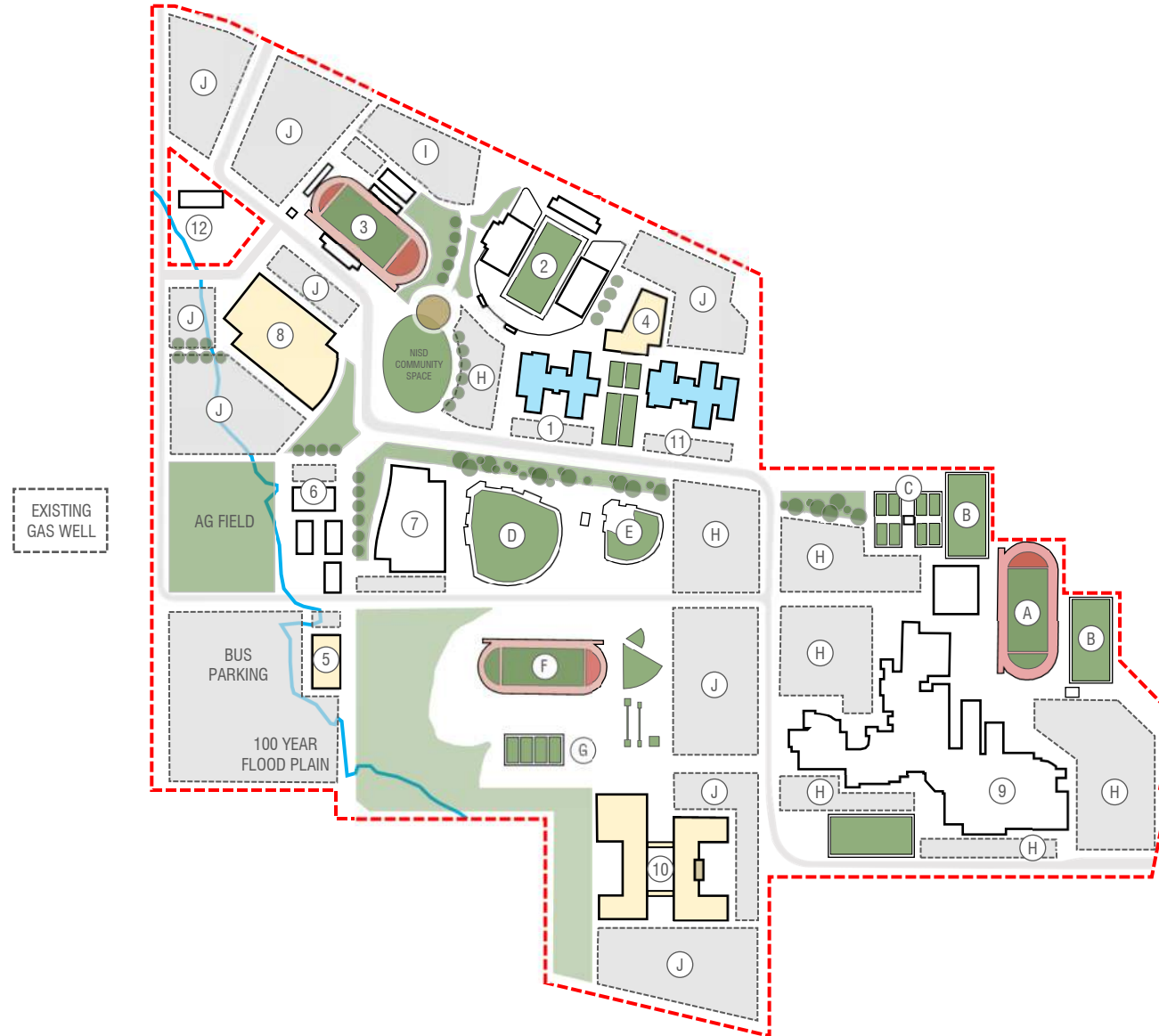
BUILDING LEGEND

1. NISD ADMINISTRATION BUILDING
2. NISD STADIUM
3. NISD TRACK AND FIELD COMPLEX
4. NISD SUPPORT SERVICES BUILDING (RE-BUILT)
5. NISD TRANSPORTATION CENTER (RE-BUILT)
6. NISD KELLY BOX AGRICULTURAL SCIENCE CENTER
7. NISD AQUATIC CENTER
8. NISD EVENT CENTER (FUTURE BUILDING)
9. NORTHWEST HIGH SCHOOL
10. PIKE MIDDLE SCHOOL (RE-BUILT)
11. HATFIELD ELEMENTARY SCHOOL (REPURPOSED)
12. CITY OF FORT WORTH FIRE DEPARTMENT

SITE FEATURE LEGEND

- A. NORTHWEST HIGH SCHOOL FOOTBALL FIELD
- B. NORTHWEST HIGH SCHOOL PRACTICE FIELD
- C. NORTHWEST HIGH SCHOOL TENNIS COURTS
- D. NORTHWEST HIGH SCHOOL BASEBALL FIELD
- E. NORTHWEST HIGH SCHOOL SOFTBALL FIELD
- F. PIKE MIDDLE SCHOOL FOOTBALL FIELD
- G. PIKE MIDDLE SCHOOL TENNIS COURTS
- H. EXISTING PARKING
- I. RECONFIGURED PARKING
- J. NEW PARKING

- REPURPOSED BUILDING
- NEW, FUTURE OR RE-BUILT BUILDING



Additional Projects to Consider

- Elementary School #23
- Renovate/Repurpose Hatfield to Administrative Use
- Renovate/Repurpose Administrative Building
- Relocate & Expand Central Transportation
- New Maintenance Facility
- Renovations to Steele Accelerated High School
- Enlarge High School Gymnasiums for 6A Capacity (NHS, BNHS, EHS)
- Enlarge High School Cafeterias for 6A Capacity (NHS, BNHS, EHS)
- Distribution Center (Pavement, Fire Sprinkler, HVAC, Fencing, Cameras)
- Furniture Replacement – 14 E.S., 4 M.S., 1 H.S., Steele A.H.S.
- Library Furniture – 14 E.S., 4 M.S., 1 H.S.

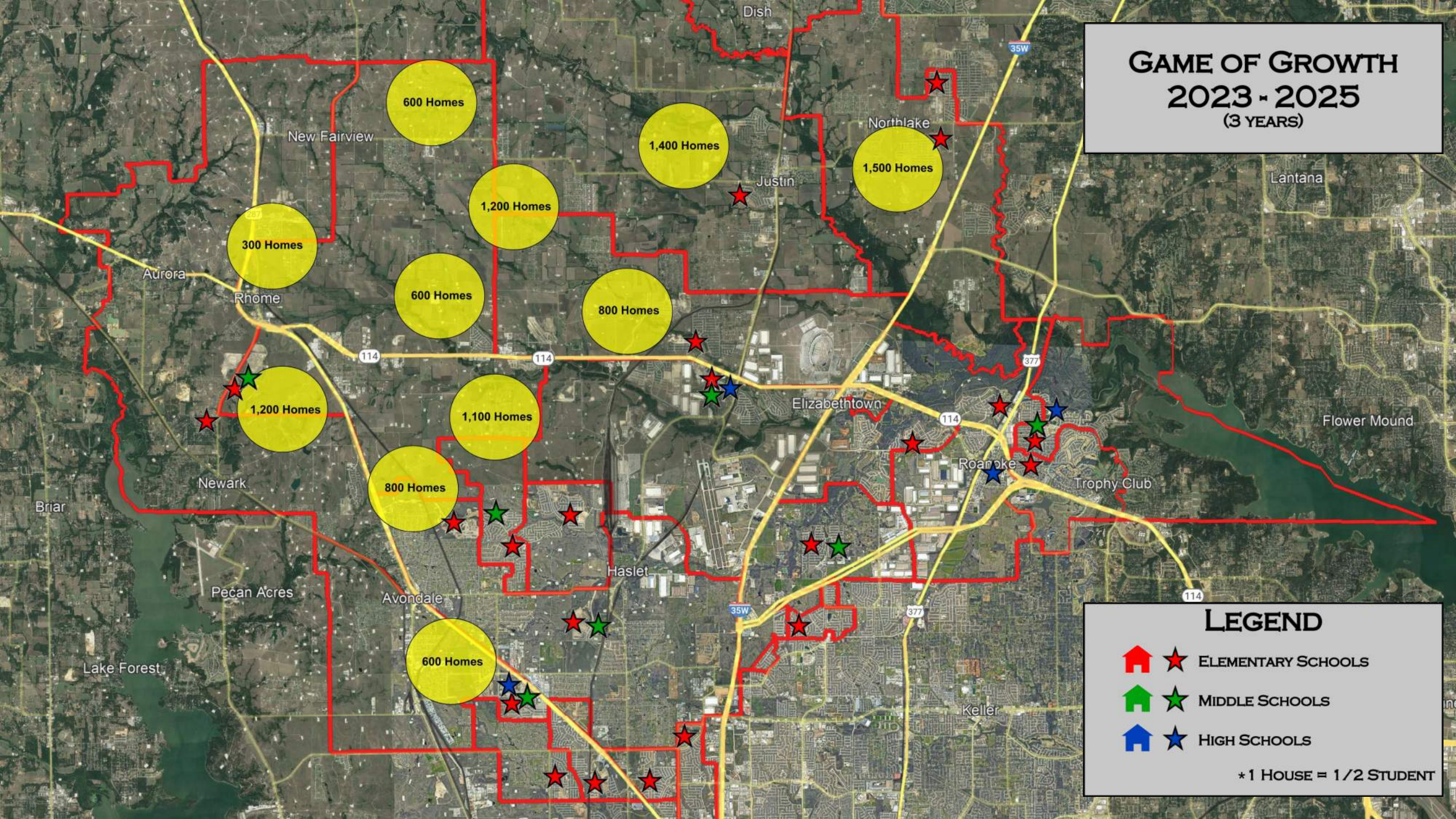
Game of Growth

District Anticipated Forecast

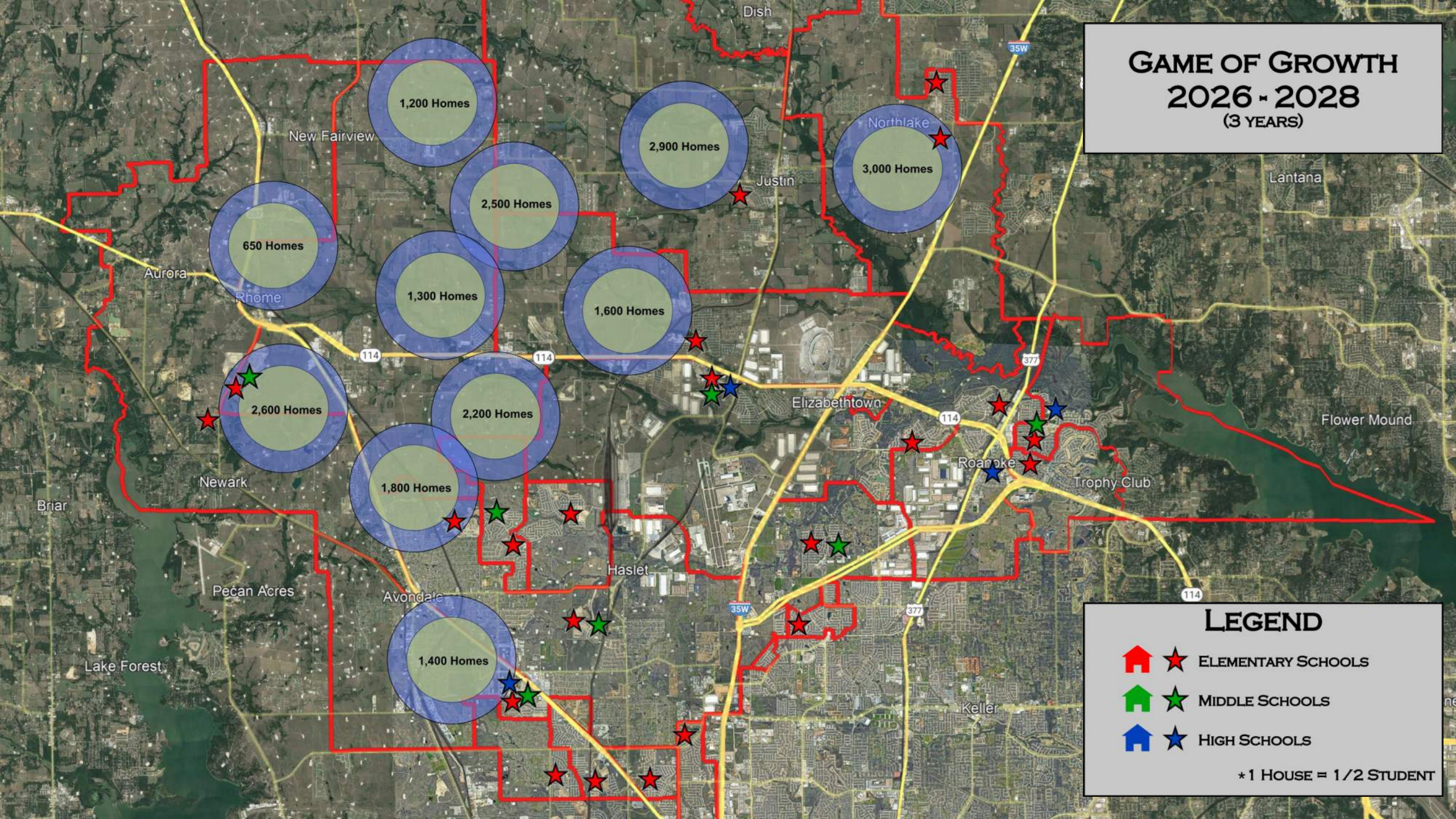
Tim McClure









GAME OF GROWTH 2023 - 2025 (3 YEARS)



GAME OF GROWTH 2026 - 2028 (3 YEARS)

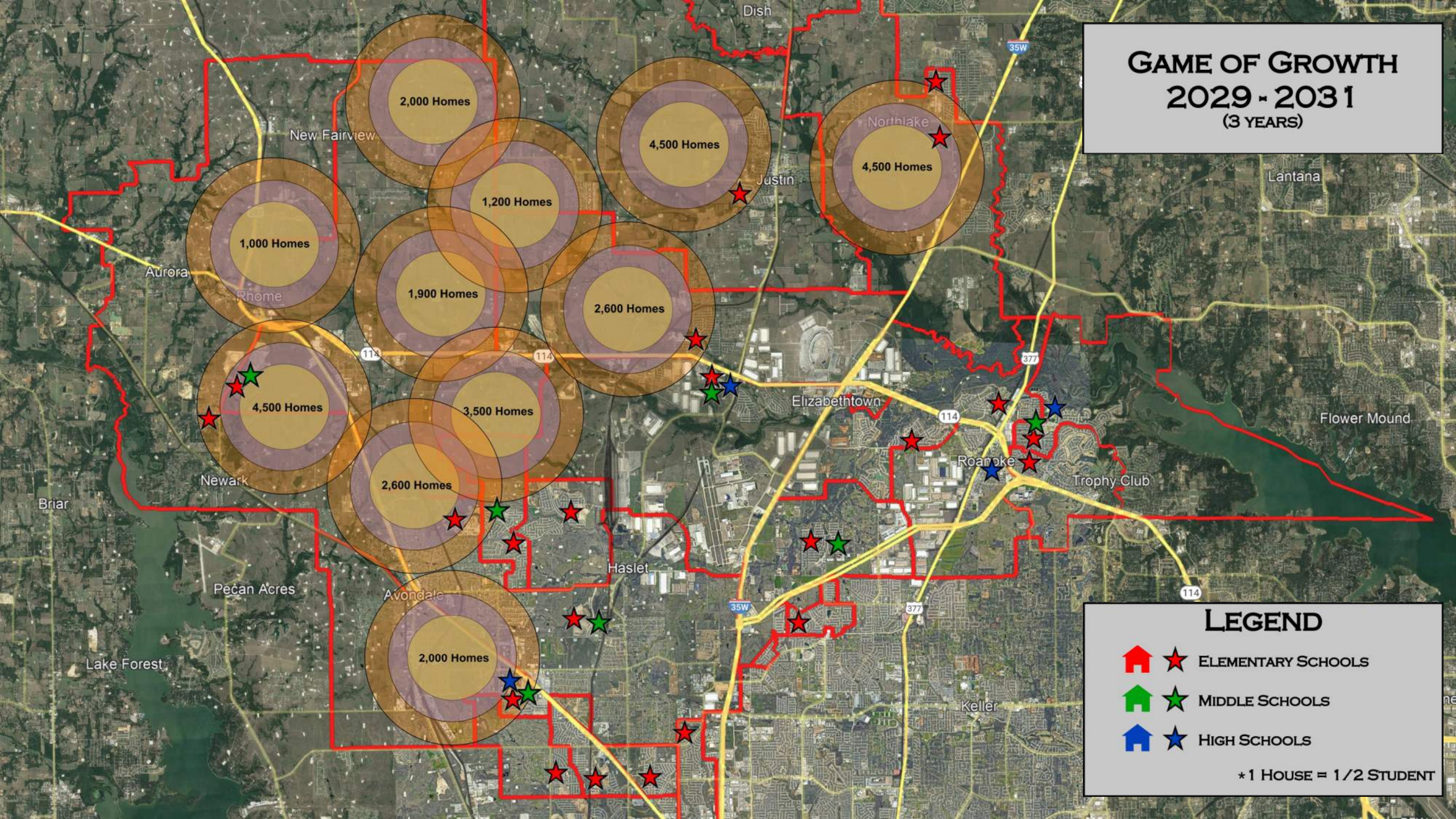


LEGEND







-   ELEMENTARY SCHOOLS
-   MIDDLE SCHOOLS
-   HIGH SCHOOLS

*1 HOUSE = 1/2 STUDENT

GAME OF GROWTH 2029 - 2031 (3 YEARS)

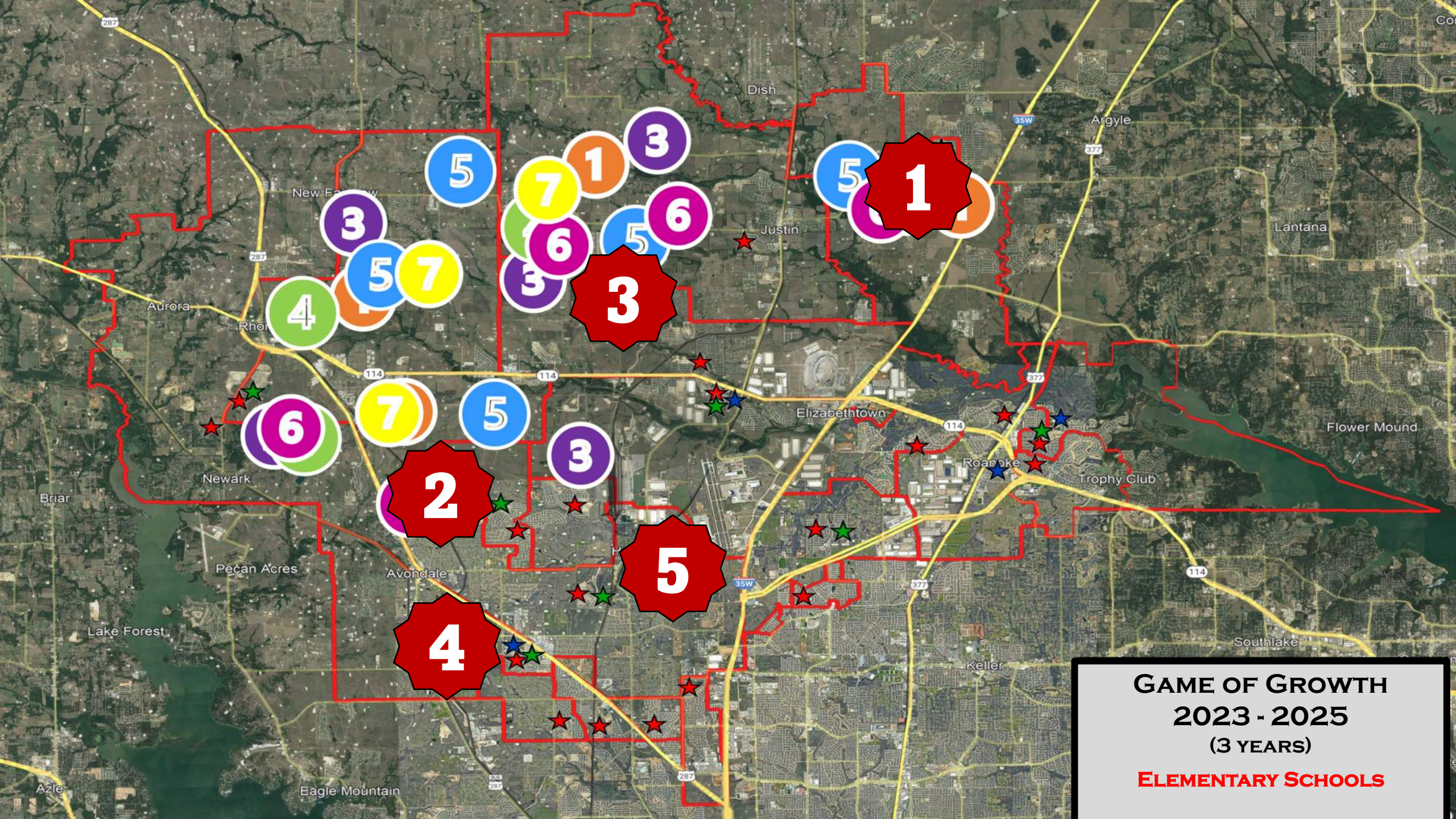


LEGEND

-   ELEMENTARY SCHOOLS
-   MIDDLE SCHOOLS
-   HIGH SCHOOLS

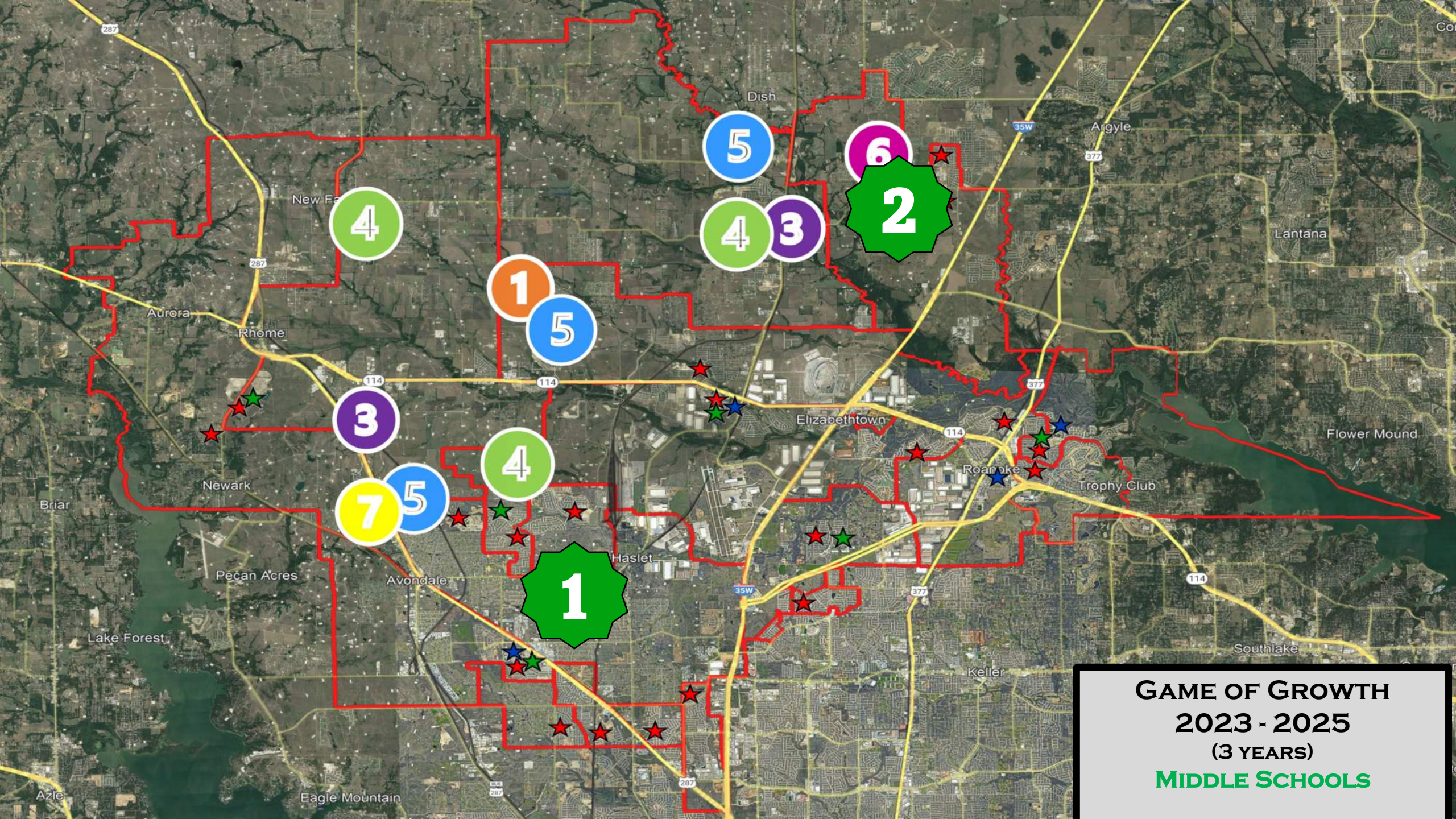
*1 HOUSE = 1/2 STUDENT



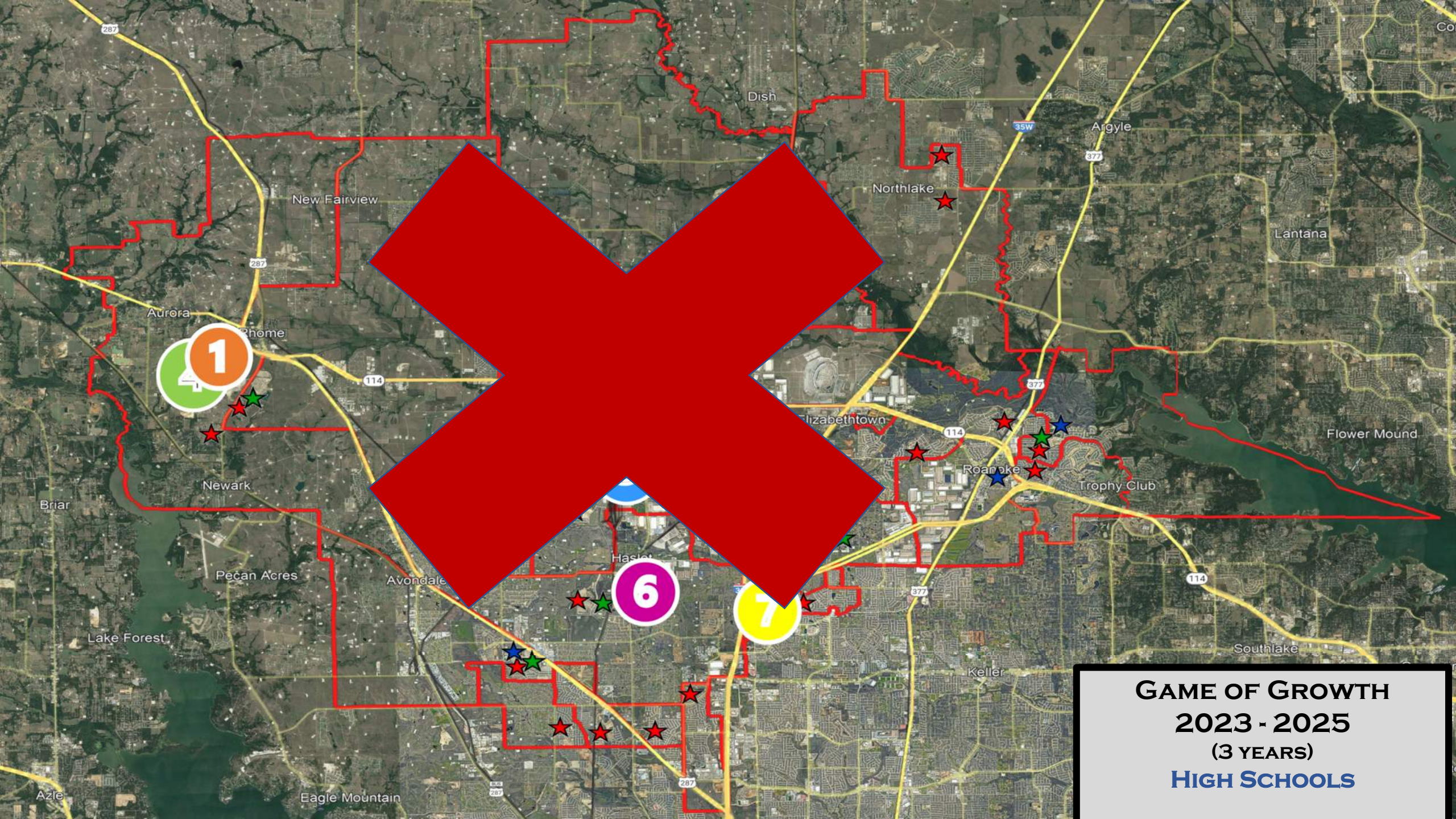


GAME OF GROWTH
2023 - 2025
(3 YEARS)
ELEMENTARY SCHOOLS

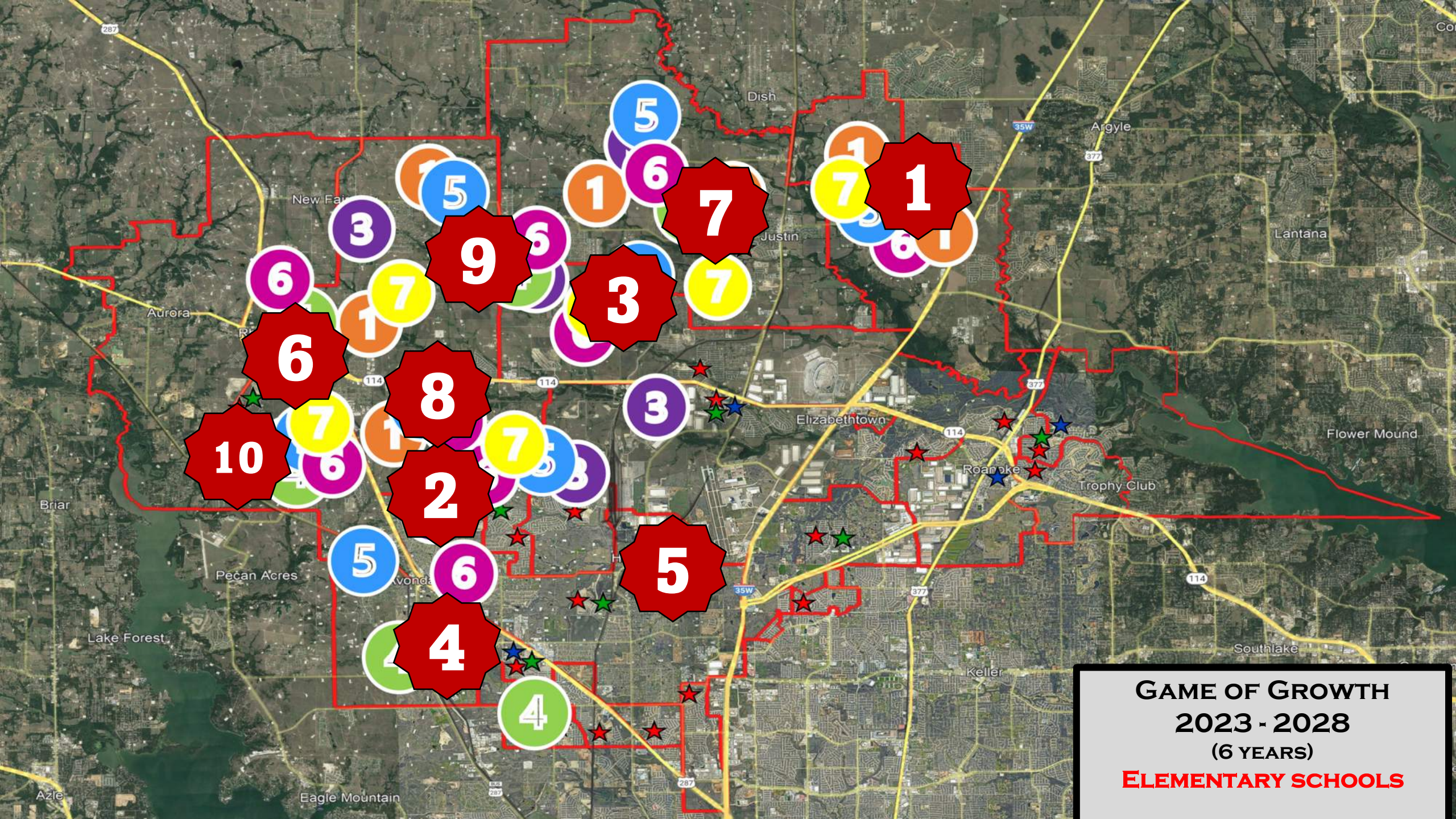




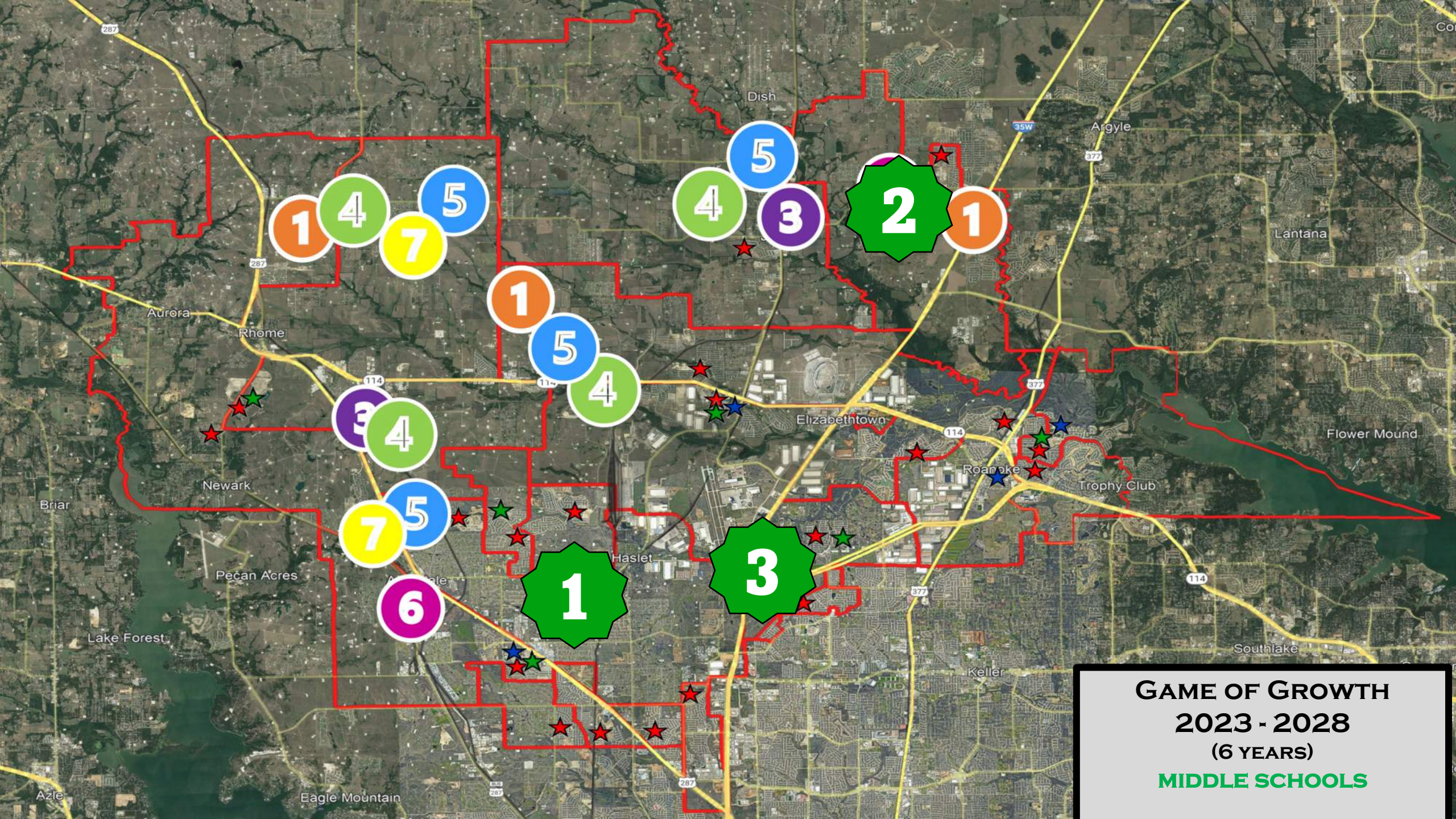
GAME OF GROWTH
2023 - 2025
(3 YEARS)
MIDDLE SCHOOLS



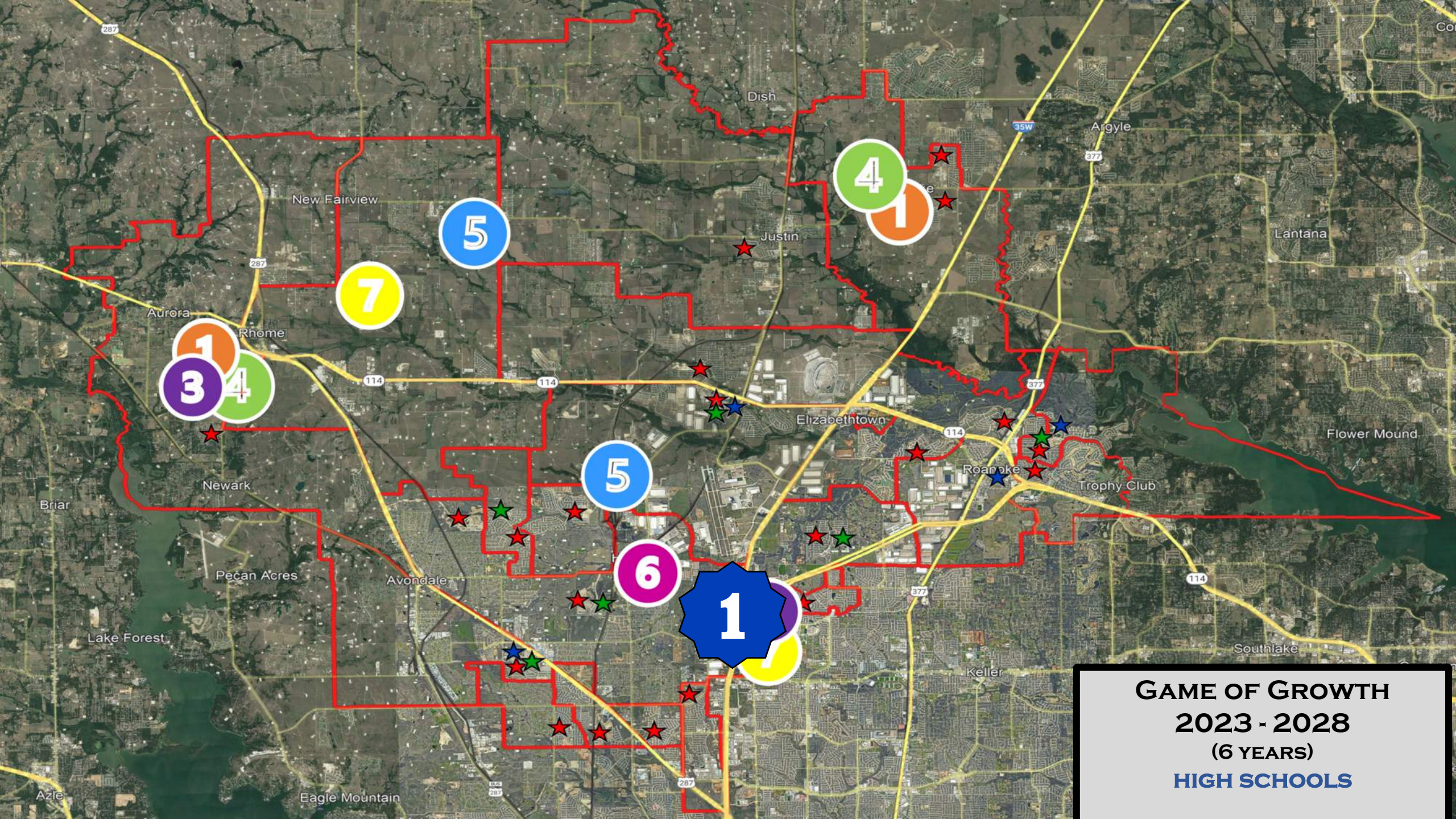
GAME OF GROWTH
2023 - 2025
(3 YEARS)
HIGH SCHOOLS



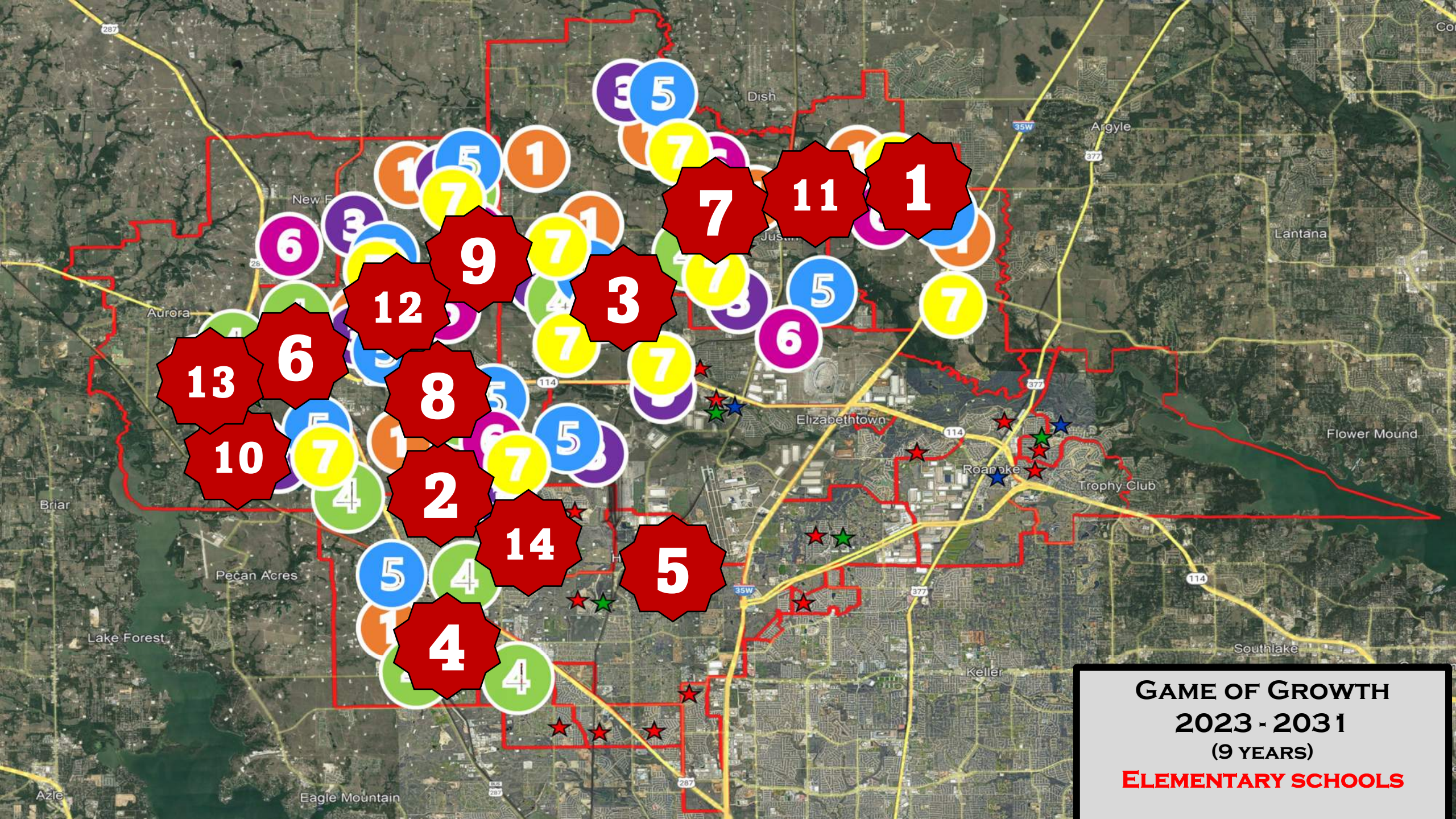
GAME OF GROWTH
2023 - 2028
 (6 YEARS)
ELEMENTARY SCHOOLS



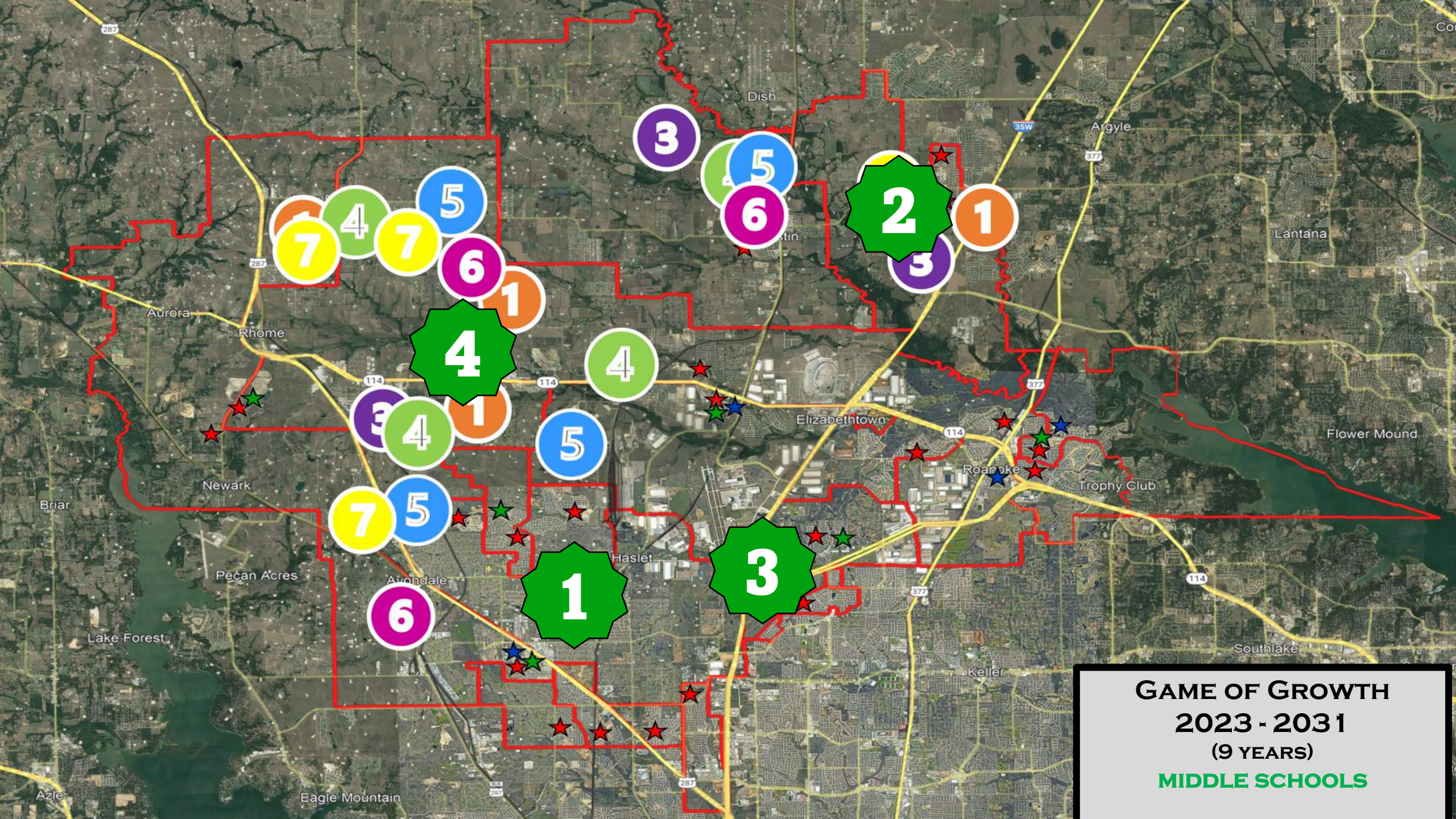
GAME OF GROWTH
2023 - 2028
(6 YEARS)
MIDDLE SCHOOLS



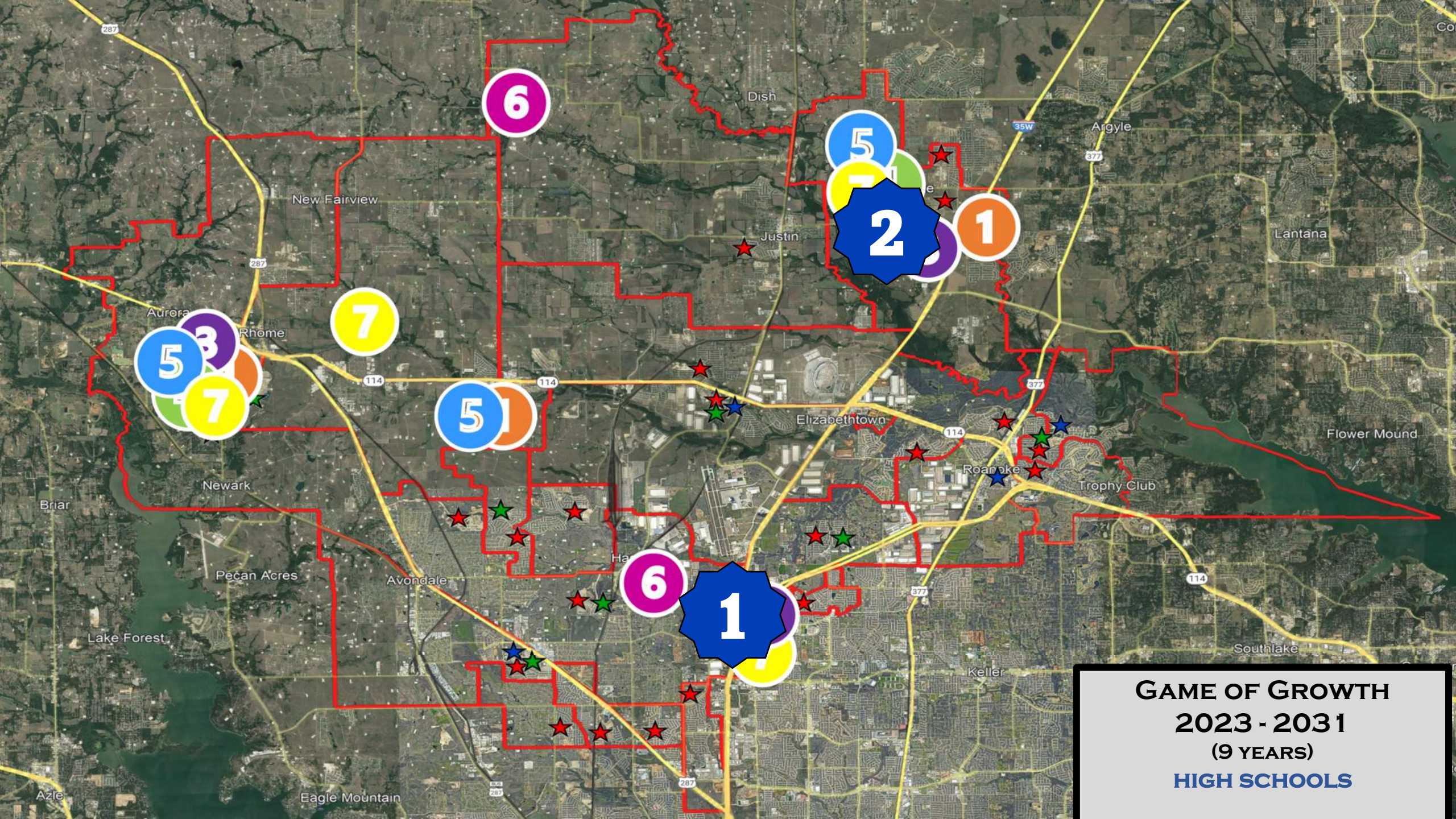
GAME OF GROWTH
2023 - 2028
(6 YEARS)
HIGH SCHOOLS



GAME OF GROWTH
2023 - 2031
(9 YEARS)
ELEMENTARY SCHOOLS



GAME OF GROWTH
2023 - 2031
(9 YEARS)
MIDDLE SCHOOLS



GAME OF GROWTH
2023 - 2031
(9 YEARS)
HIGH SCHOOLS

Tour

Adams Middle School



School Finance

Texas School Finance | H.B. 3 | NISD Financial Overview

Jonathan Pastusek, Executive Director of Financial Services





SCHOOL FINANCE



Revenue Budget

For every \$1 of funding received...



Local Revenue: Property Taxes and other local sources

Total budget: \$272,914,865

\$0.90 for every \$1.00 comes from this source.

Total Revenue Budget

\$303,103,801



State Revenue: State funding for school districts

Total budget: \$25,933,598

\$0.09 for every \$1.00 comes from this source.

(Recapture: payment paid to state = \$28,660,895 budget)



Federal Revenue: Indirect Revenue from Grants and SHARS

Total budget: \$4,282,338

\$0.01 for every \$1.00 comes from this source.

Expenditure Budget

For every \$1 of funding received...

\$0.56 pays for **instruction** including instructional resources and curriculum



\$0.01 pays for **instructional leadership**



\$0.05 pays for **school leadership** which includes general campus administration



\$0.02 pays for **other general operating costs**

\$0.02 pays for **technology & data services**

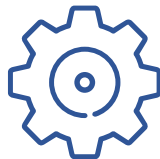


\$0.03 pays for **guidance & counseling** Including social work services



\$0.09 will be sent back to the State of Texas in the form of **recapture**

\$0.11 pays for **other operations** like maintaining clean and safe schools



\$0.01 pays for **health services**



\$0.04 pays for **school transportation**



\$0.03 pays for **administration** of the school district



\$0.03 pays for **cocurricular & extracurricular activities**



\$0.00 pays for **meals** Including breakfast and lunch

Total Expenditure Budget
\$303,103,801

Expenditure Budget

For every \$1 of funding received...

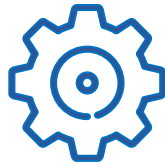
Payroll = \$222.1 M
73% of the Budget



Professional/Contracted Services = \$59.6 M
20% of the Budget



Other Operating Costs = \$9.6M
3% of the Budget



Supplies & Materials = \$11.1 M
4% of the Budget



Capital Outlay = 600K
0% of the Budget

Total Expenditure Budget
\$303,103,801

2022-2023 Tax Rate

M&O
(Maintenance and Operations)

Used for the Day-to-Day Operations

\$0.8546

+

I&S
(Interest and Sinking)

Used Only for ISD Debt

\$0.4200

Capped at \$.50

=

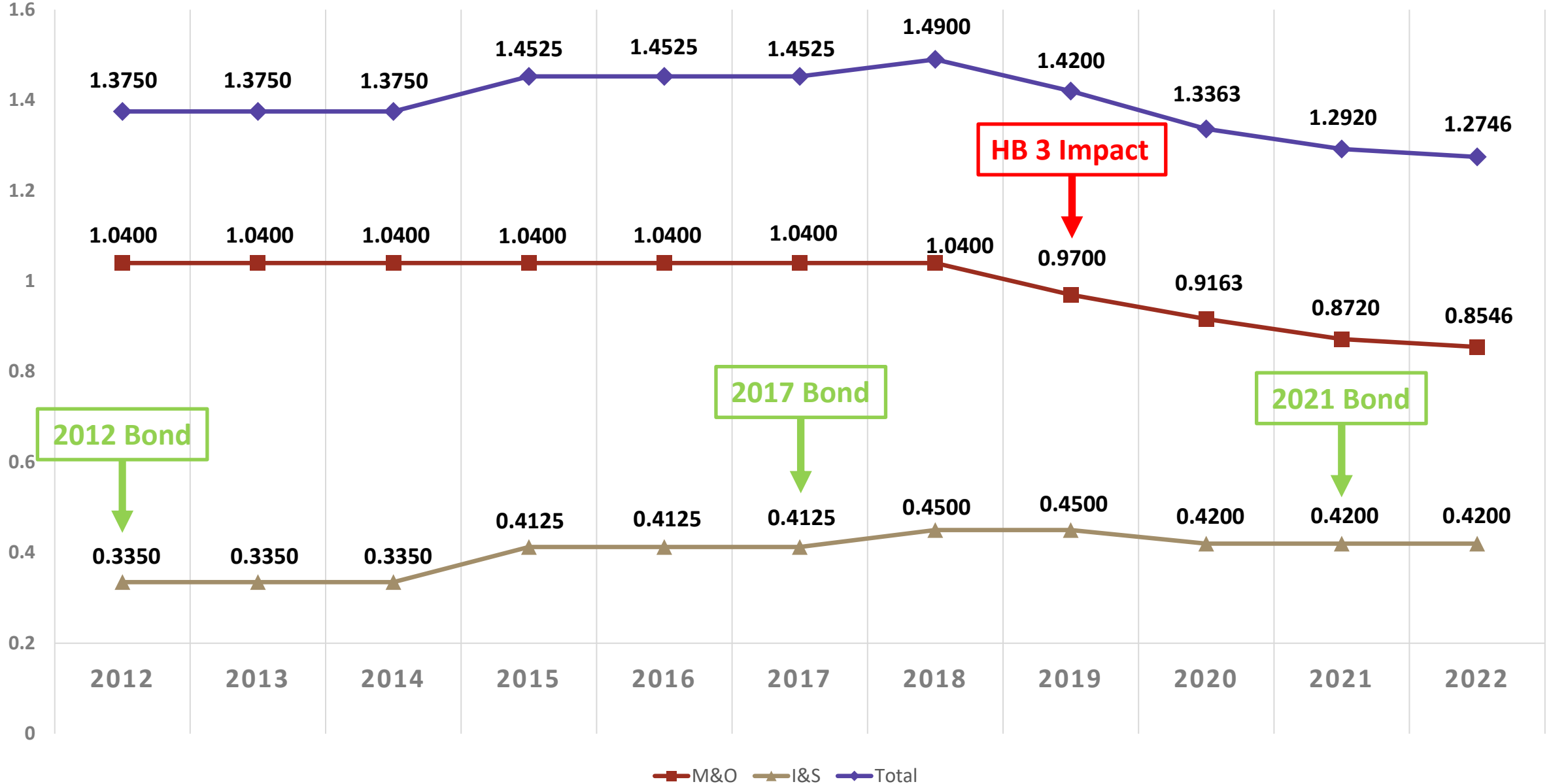
TOTAL

\$1.2746

per \$100 of property value

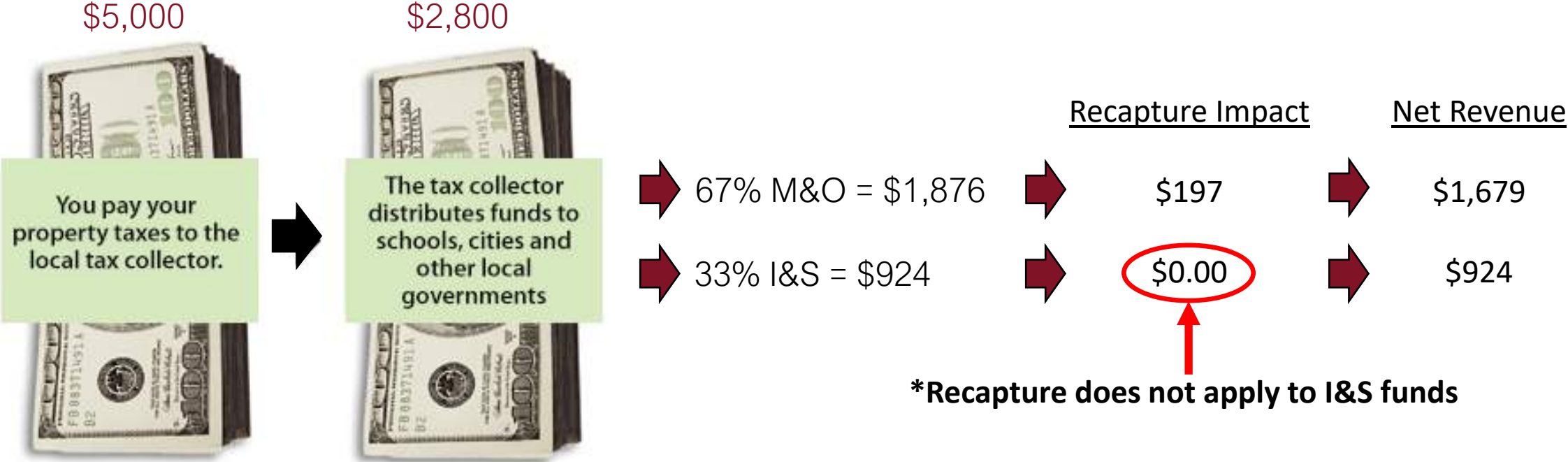


Tax Rate Analysis for last 10 Years



Path of Property Tax Dollar

ASSUME \$5,000 TAX BILL, \$2,800 SCHOOL TAXES
 M&O = 0.8546 I&S=0.42



*Recapture does not apply to I&S funds

Recapture District: Increase in NISD's Tax Base DOES HELP the I&S Budget, but they DO NOT HELP NISD's M&O Budget

Maintenance & Operations (M&O) Tax Rate

Funds the day-to-day operations of the district

- Salaries (for teachers and other staff)
- Facility repairs and maintenance
- Bus repairs, maintenance and fuel
- Food services
- School supplies and materials
- Utilities (electricity, water, etc.)



Similar to:

- ✓ House repairs
- ✓ Cleaning supplies
- ✓ Internet/TV
- ✓ Groceries
- ✓ Fuel
- ✓ Utilities

Interest & Sinking (I&S) Tax Rate

Funds debt repayment associated with bond elections

- New building construction
- Furniture/fixtures/equipment
- Existing building renovations
- Land purchases
- Technology



Similar to:

- ✓ New home
- ✓ Home renovations
- ✓ Land
- ✓ Pool
- ✓ Vehicle

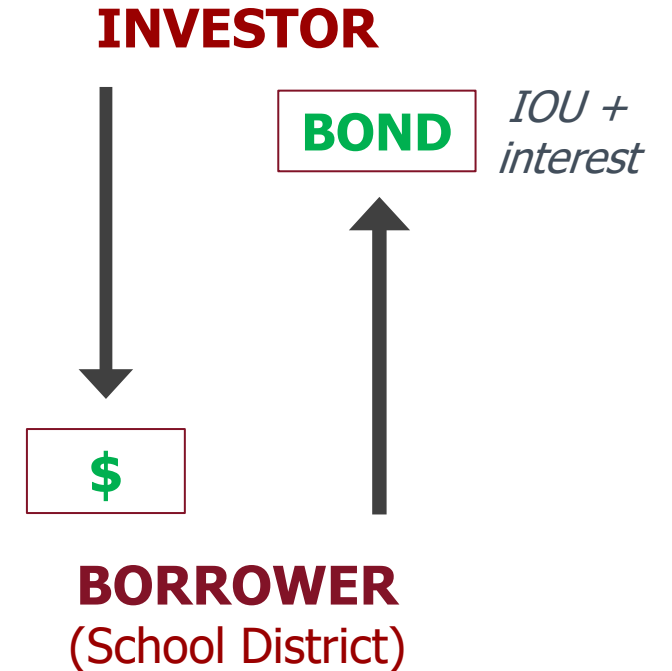
Debt Service Funding

What is a bond?

A bond is a debt investment in which an investor loans money to a school district, with interest, for a defined period of time.

Essentially, it's similar to a family taking out a mortgage for the purchase of their home.

NISD issues bonds to pay for “big ticket” capital needs: new facilities, renovations, land, technology, etc.

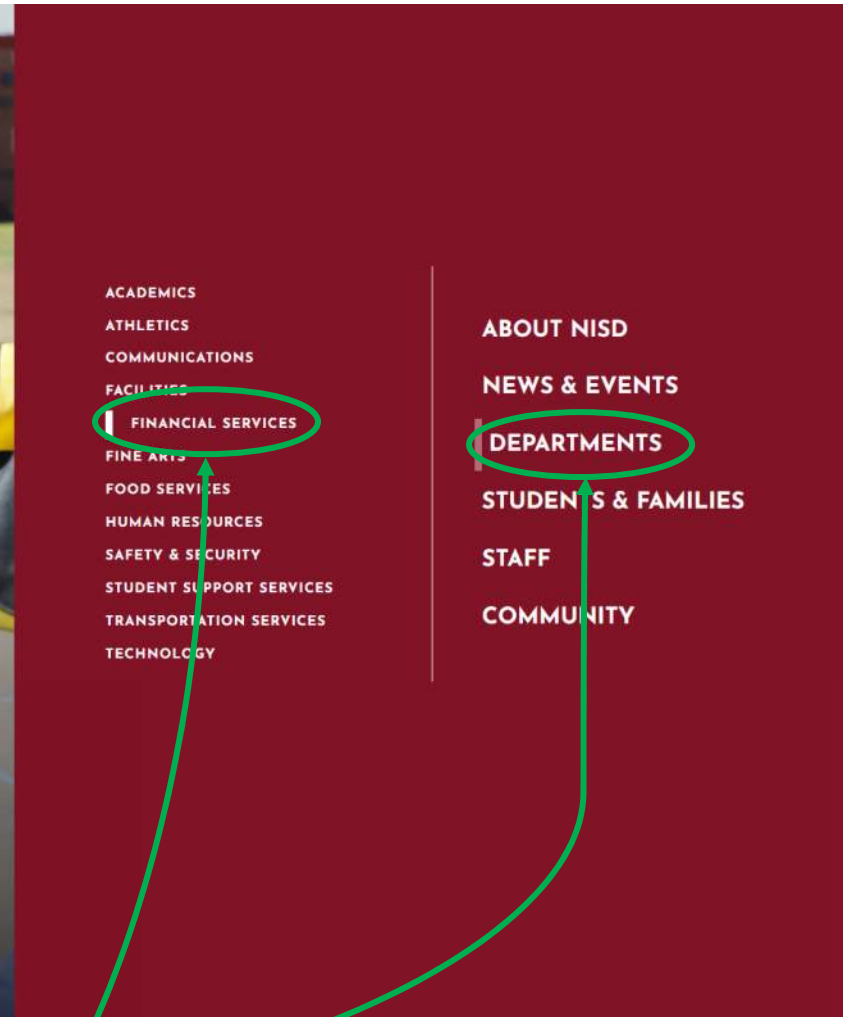


NISD Bond Management & Fiscal Highlights

- NISD has completed **four bond refundings** since Nov. 2019 resulting in over **\$75 million in savings**.
- NISD sells bonds **in increments over time as needed to fund the projects**, and not until necessary growth has occurred.
- NISD finances bonds for **25 years** (state law allows up to 40), and with refunding opportunities and tax base growth has allowed NISD to **pay off the large majority of past bonds in 15-20 years**.
- NISD maintains its **high credit ratings** from two agencies, AA from Fitch and Aa2 from Moody's, which provide the district with competitive interest rates and buyers market.

NISD Financial Awards

- GFOA Meritorious Budget Award (20)
- GFOA Achievement for Excellence in Financial Reporting (20)
- ASBO Achievement for Excellence in Financial Reporting (18)
- TASBO Award of Merit for Purchasing Operations (11)
- Comptroller's Star Award for Financial Transparency (1)
- FIRST Report "A" Rating (9)



- ACADEMICS
- ATHLETICS
- COMMUNICATIONS
- FACILITIES
- FINANCIAL SERVICES**
- FINE ARTS
- FOOD SERVICES
- HUMAN RESOURCES
- SAFETY & SECURITY
- STUDENT SUPPORT SERVICES
- TRANSPORTATION SERVICES
- TECHNOLOGY

- ABOUT NISD
- NEWS & EVENTS
- DEPARTMENTS**
- STUDENTS & FAMILIES
- STAFF
- COMMUNITY

DEPARTMENTS

At NISD, we believe kids come first. Our departments work to ensure all students are prepared to confidently navigate their future.

LEARN MORE

Step 1 – Hover over Department

Step 2 – Click on Financial Services

We appreciate you!

Questions?



Bonds 101

Bonding Capacity | Tax Impact Scenarios | Ballot & Elections

Jeff Robert, Hilltop Securities





Contact:

Jeff Robert

717 N. Harwood

Suite 3400

Dallas, Texas 75201

214.953.8744

jeff.robert@hilltopsecurities.com

Northwest



INDEPENDENT SCHOOL DISTRICT



Bond Information, Analysis and Discussion

November 8, 2022

Northwest Independent School District

Presentation Topics

Texas ISD Bond FAQs	Pages 3 – 7
Bond Structuring Variables	Pages 8 – 11
Historical Tax Exempt Interest Rates – 20 Yr BBI	Page 12
Tax Base & Tax Rate History	Page 13
Tax Base Assumptions	Page 14
I&S Projections After 2021 Authorization Complete	Page 15
2023 Bond Election Scenarios – Projected I&S Tax Rates	Page 16 – 18
Tax Rate Impact on NISD Homeowners	Page 19
NISD Bond Refunding Savings 2005-2022	Page 20
2017-2022 D/FW-Area Bond Elections > \$100,000,000	Page 21
Ballot Language & Propositions	Page 22

What is a Bond?

A school bond is similar to a home mortgage. It is a contract to repay borrowed money over time with typically a fixed, tax-exempt interest rate. Bonds are approved/authorized by voters and later sold by a school district to investors via bond underwriting firms to raise funds to pay for the costs of construction, acquisitions, renovations and/or equipment. Bond authorizations can be sold in one bond issuance or multiple issuances over a two to eight year period or longer. All fast growth school districts in Texas utilize voted bonds to finance new facilities, major additions and/or major renovation projects.

Bond Authorization: Amount of bonds approved by voters that a district is authorized to issue/sell; interest does not accrue on bond authorization

Bond Issuance or Bond Sale: Amount of bonds from the authorization that a district issues/sells; interest accrues on bonds that are issued/sold

How are the Bonds Repaid?

A school district has two components to its total tax rate: the Maintenance and Operations (“M&O”) tax rate and the Interest and Sinking Fund (“I&S”) tax rate. The district levies an annual I&S tax rate against the taxable property in the District to make their bond payments. **The Interest and Sinking Fund (“I&S”) tax rate can only be levied for repayment of voter approved bonds.**

What is the Term/Payback Period of a Bond?

Depending on the projects being financed with a bond issue, a school district bond will typically have a term of between 20 and 35 years (maximum legal term is 40 years). If short life projects like technology or transportation are included in a bond issuance, the amounts borrowed for those items are paid off within their five or ten year useful lives.

What will the Interest Rate Be?

The interest rate is not be finalized until bonds are sold/issued, which takes place at least 1.5 to 2 months after the passage of a bond election. School districts are able to borrow money at lower, tax exempt interest rates meaning that the interest earned by the investor is not subject to Federal income taxes. Texas School District bond issues also qualify for the State Permanent School Fund Guarantee (“PSF”). The PSF Guarantee allows for the bonds to receive ‘Aaa’/’AAA’ ratings which are the highest credit ratings. The District’s strong financial position and stand-alone Moody’s-“Aa2” & Fitch-“AA” ratings along with the PSF Guarantee means that Northwest ISD bonds will be priced at or near the lowest available interest rates at the time of issuance.

What is Bond Capacity?

Bond capacity is the projected maximum amount of bonds that a District can issue/sell at a specified I&S Tax rate using tax base, interest rate, term and issuance timing assumptions/projections. Bond capacity is also impacted by the makeup of the projects being included in the bond package. For example, having more short-life projects included in a bond package (technology) will reduce a district's overall bond capacity because the bonds associated with those projects must be amortized/'paid off' within the useful life of that project.

Tax Base

- Tax base assumptions have to be made when issuing tax supported bonds that have a term from 2 to 40 years.
- When tax base goes down, same tax rate from prior year produces fewer dollars; tax base goes up, same tax rate produces more dollars

Interest Rates

- Interest rates are not finalized for a bond issue until the day the bond issue is sold. Again, the earliest date would be at least 1.5 to 2 months after a successful election.
- While interest rates have risen recently, they are still at relatively low levels when compared to rates over the last 40 years.
- We always use interest rate assumptions that are a little higher than current interest rates to try to give some cushion in the event that interest rates rise from the time the bond election is called to the time the bonds are issued.

Term

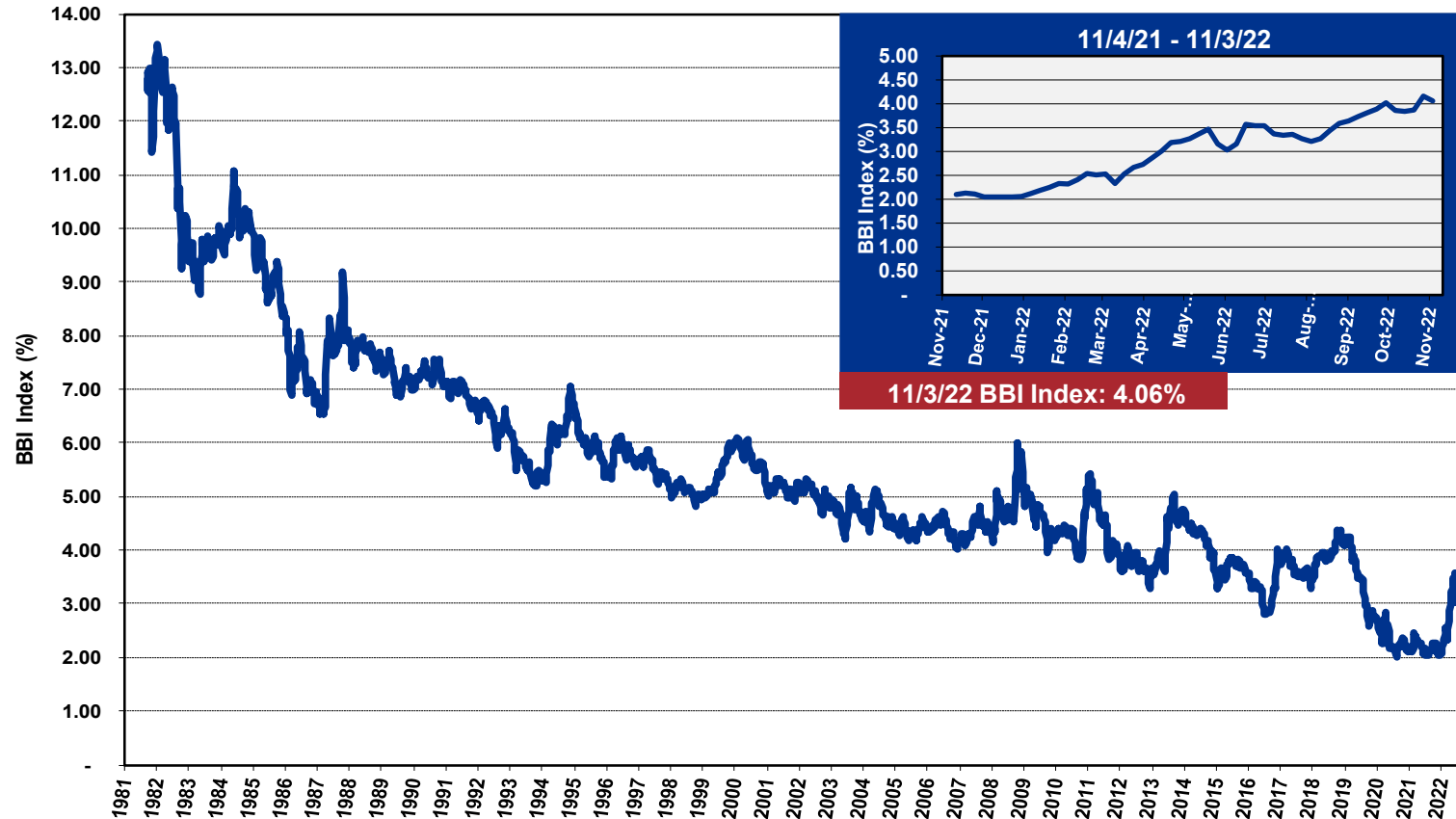
- Shorter term results in lower interest rate but higher annual payments; therefore higher tax rate impact
- Longer term results in higher interest rate but lower annual payments; therefore lower tax rate impact
- Bond issuances will not have a term that exceeds the useful life of the project(s)

Issuance Size & Timing

- Issuing a bond authorization in lesser amounts and/or over a longer period of time can reduce the impact on a district's I&S budget.
- If tax base growth is greater than projected and/or interest rates are lower than projected, districts might consider issuing more of their authorization earlier than originally projected, which might mean the full authorization is ultimately issued over a shorter period of time.
- If tax base growth is slower than projected and/or interest rates are higher than projected, districts might have to consider issuing their authorization slower and/or in lesser amounts than originally projected.

Historical Tax Exempt Interest Rates – Bond Buyer 20 Yr Index

Bond Buyer 20 Year GO Index
September 1981 - November 3, 2022



Bond Buyer 20 Year GO Index is a weekly index estimating the composite yield on 20 general obligation bonds rated "A" or better.

This graph depicts historical interest rates. Future interest rates are dependent upon many factors such as, but not limited to, interest rate trends, tax rates, the supply and demand of short term securities, changes in laws, rules and regulations, as well as changes in credit quality and rating agency considerations. The effect of changes in such factors individually or in any combination could materially affect the relationships and effective interest rates. These results should be viewed with these potential changes in mind as well as the understanding that there may be interruptions in the short term market or no market may exist at all.

Tax Base and Tax Rate History

1	2	3	4	5	6
Fiscal Year	Tax Base	Growth Rate	M&O Tax Rate	I&S Tax Rate	Total Tax Rate
2014	\$ 10,548,852,117		\$1.0400	\$0.4125	\$1.4525
2015	11,616,927,849	10.13%	\$1.0400	\$0.4125	\$1.4525
2016*	11,705,540,408	0.76%	\$1.0400	\$0.4125	\$1.4525
2017	12,420,509,000	6.11%	\$1.0400	\$0.4125	\$1.4525
2018	14,924,184,765	20.16%	\$1.0400	\$0.4500	\$1.4900
2019	17,503,055,570	17.28%	\$1.0400	\$0.4500	\$1.4900
2020	19,861,198,380	13.47%	\$0.9700	\$0.4500	\$1.4200
2021	22,197,028,362	11.76%	\$0.9163	\$0.4200	\$1.3363
2022	25,980,836,220	17.05%	\$0.8720	\$0.4200	\$1.2920
2023**	31,306,276,381	20.50%	\$0.8546	\$0.4200	\$1.2746

NOTE: NISD's current total tax rate is the **lowest** it has been since fiscal year 1993

* - State Mandatory Homestead Exemption increased from \$15,000 to \$25,000

** - State Mandatory Homestead Exemption increased from \$25,000 to \$40,000

SOURCE: Municipal Advisory Council of Texas website

Tax Base Assumptions

Tax Base Assumptions			
CYE 31-Dec	Tax Base	Growth Rate	CYE 31-Dec
2022	\$ 25,980,836,220	15.91%	2022
2023	31,306,276,381	20.50%	2023
2024	34,123,841,255	9.00%	2024
2025	37,194,986,968	9.00%	2025
2026	40,542,535,796	9.00%	2026
2027	44,191,364,017	9.00%	2027
2028	46,842,845,858	6.00%	2028
2029	49,184,988,151	5.00%	2029
2030	51,152,387,677	4.00%	2030
2031	52,686,959,307	3.00%	2031
1% ANNUALLY THEREAFTER			

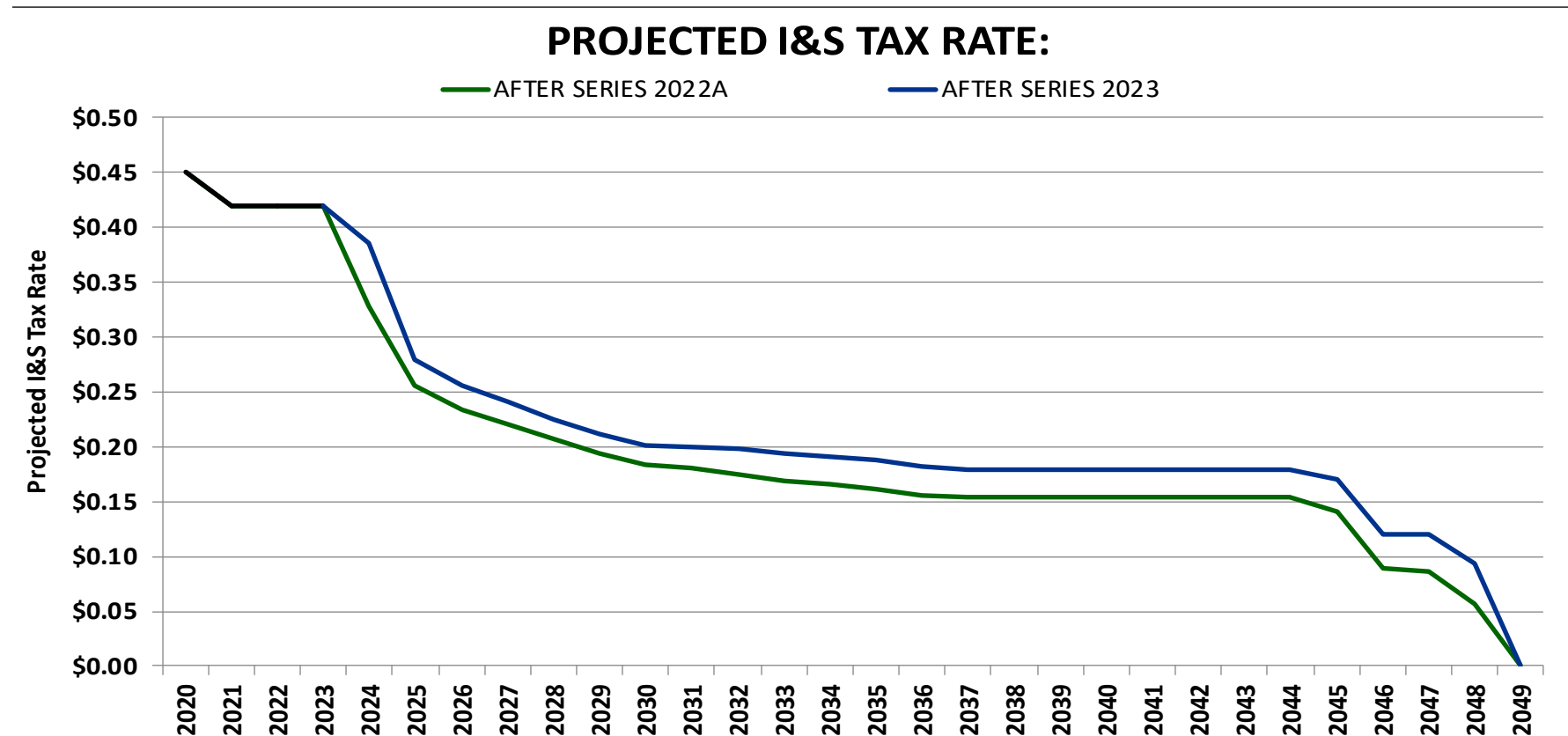
Because school districts issue long term bonds to pay for their large capital projects/expenditures, tax base assumptions are used in structuring the issuance of any new bond authorization in order to calculate/project the I&S tax rate going forward.

If the NISD tax base grows at a rate slower than projected, the District will use I&S fund balance, bond refinancings and/or issue the new authorization over a longer period of time to keep the I&S tax rate at no higher than \$0.4210.



Issuance & I&S Tax Rate After 2021 Authorization – Tax Base Growth 1

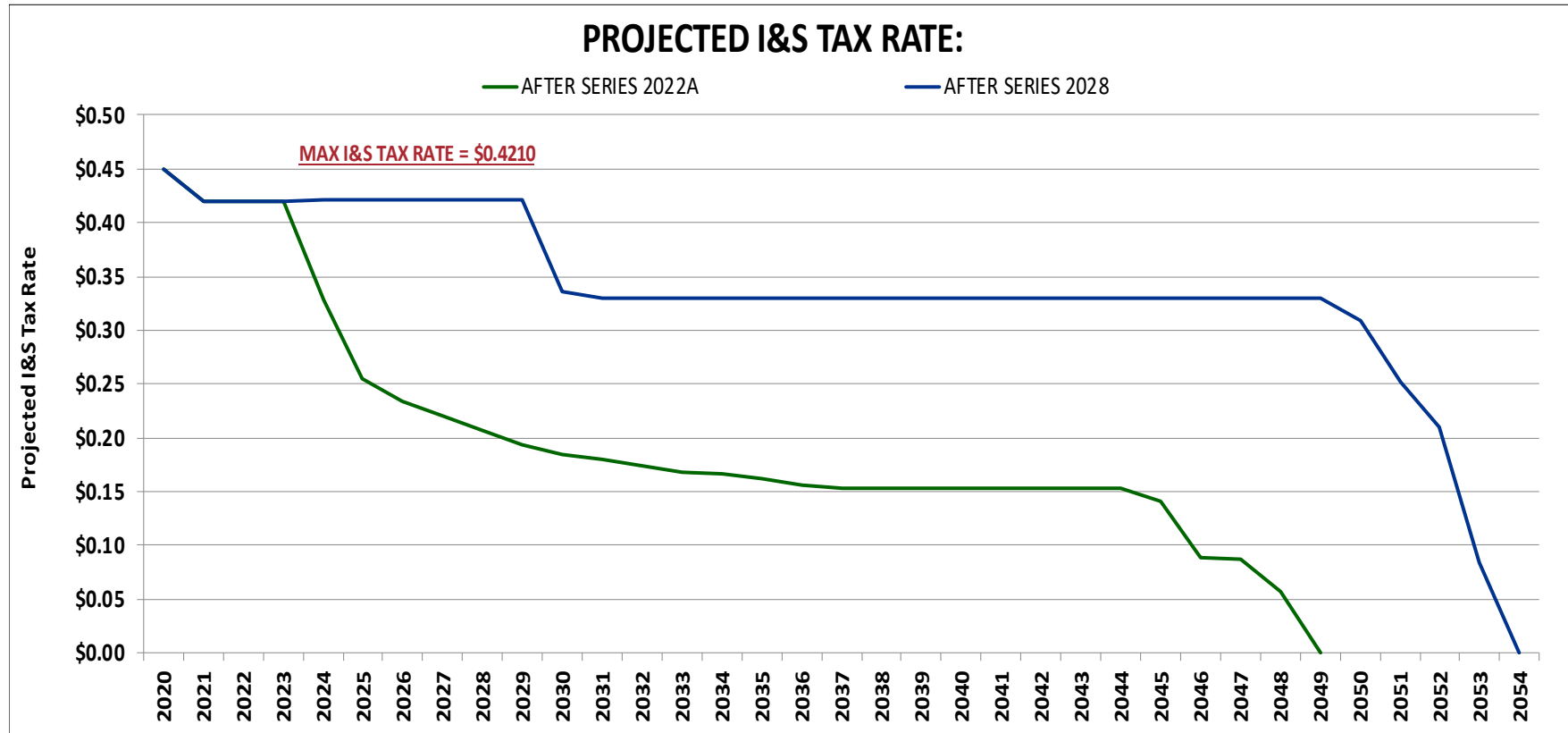
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
		<i>FINAL</i>	<i>FINAL</i>	<i>FINAL</i>	<i>PROJECTED</i>			
May-21 Election Size	Series 2021 25 Yr @ 2.367%	Series 2022 25 Yr @ 3.717%	Series 2022A 25 Yr @ 4.727%	Series 2023 25 Yr @ 5.00%	Maximum I&S Tax Rate	Current I&S Tax Rate	I&S Tax Rate Increase	
\$ 737,500,000	\$200,000,000	\$200,000,000	\$150,000,000	\$187,500,000	\$ 0.4200	\$ 0.4200	\$ -	





\$1,500,000,000 2023 Bond Authorization Scenario @ \$0.4210

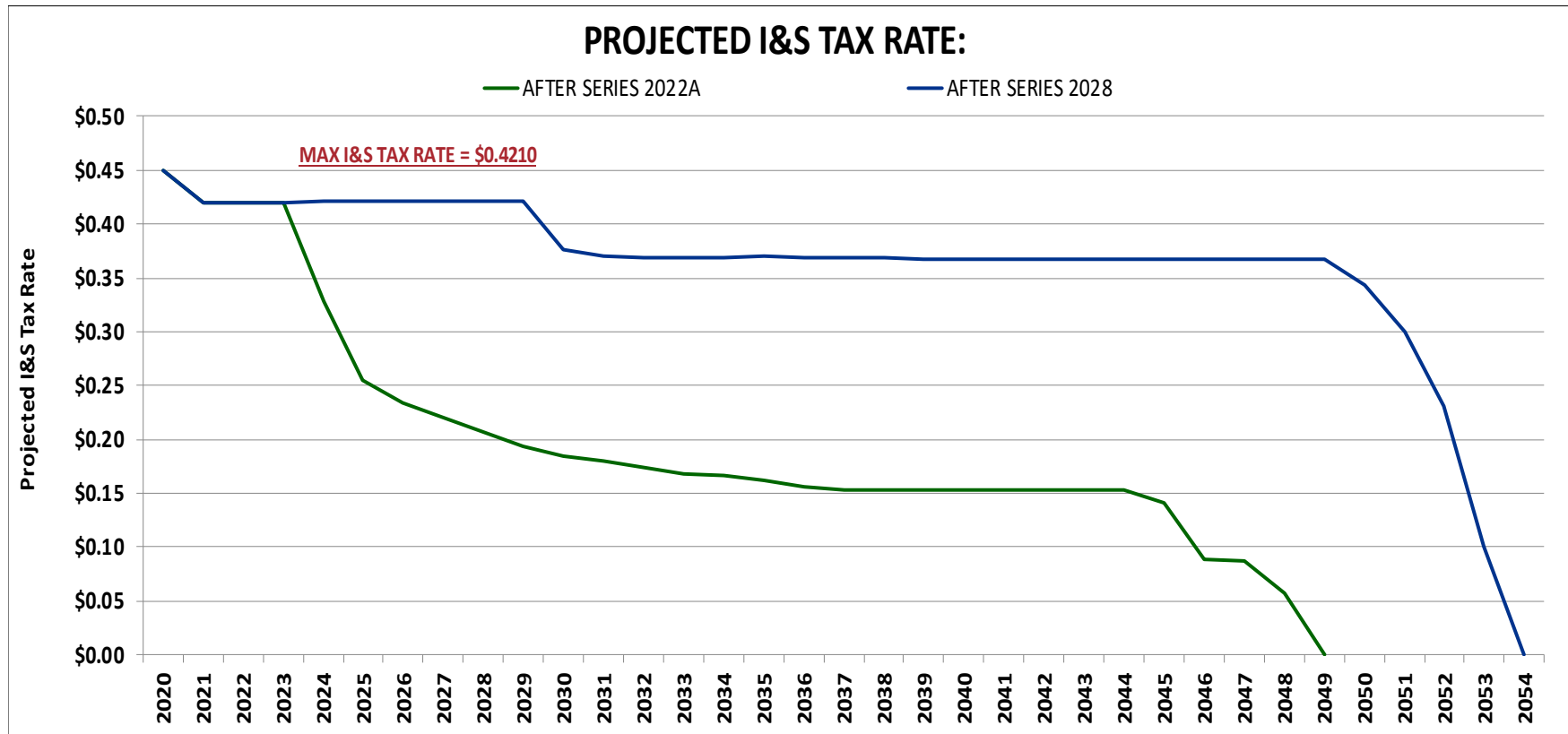
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
	<i>FINAL</i>	<i>FINAL</i>	<i>FINAL</i>	<i>PROJECTED</i>	<i>PROJECTED</i>	<i>PROJECTED</i>	<i>PROJECTED</i>	<i>PROJECTED</i>	<i>PROJECTED</i>	<i>PROJECTED</i>
Authorization	Series 2021	Series 2022	Series 2022A	Series 2023	Series 2024	Series 2025	Series 2026	Series 2027	Series 2027	Series 2028
Amounts	25 Yr @ 2.367%	25 Yr @ 3.717%	25 Yr @ 4.727%	25 Yr @ 5.00%	25 Yr @ 5.00%	25 Yr @ 5.00%	25 Yr @ 5.00%	25 Yr @ 5.00%	25 Yr @ 5.00%	25 Yr @ 5.00%
\$ 737,500,000	\$200,000,000	\$200,000,000	\$150,000,000	\$187,500,000						
\$1,500,000,000				\$112,500,000	\$237,500,000	\$300,000,000	\$300,000,000	\$300,000,000	\$300,000,000	\$250,000,000





\$1,750,000,000 2023 Bond Authorization Scenario @ \$0.4210

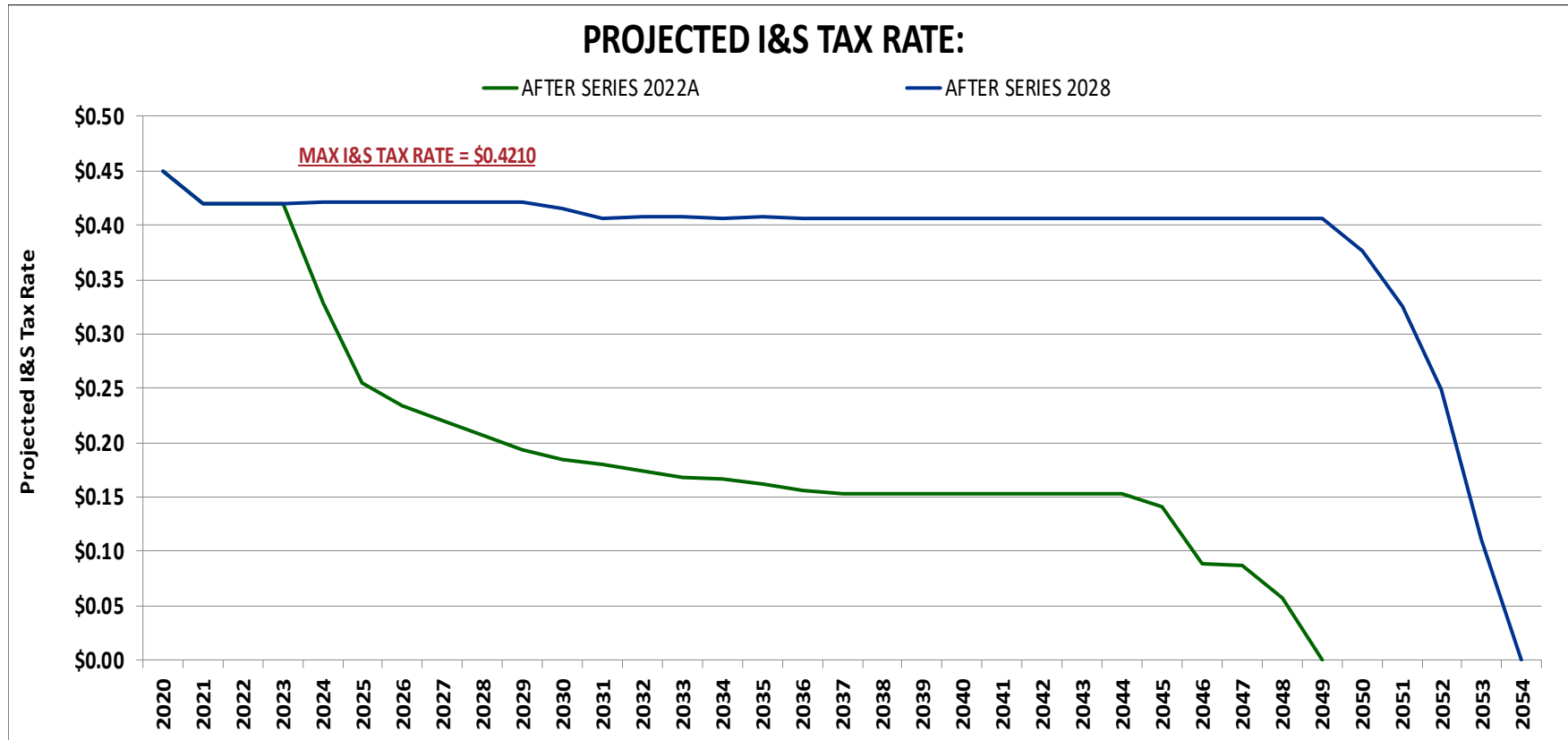
	1	2	3	4	5	6	7	8	9	10
		FINAL	FINAL	FINAL	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED
Authorization Amounts		Series 2021 25 Yr @ 2.367%	Series 2022 25 Yr @ 3.717%	Series 2022A 25 Yr @ 4.727%	Series 2023 25 Yr @ 5.00%	Series 2024 25 Yr @ 5.00%	Series 2025 25 Yr @ 5.00%	Series 2026 25 Yr @ 5.00%	Series 2027 25 Yr @ 5.00%	Series 2028 25 Yr @ 5.00%
\$ 737,500,000		\$200,000,000	\$200,000,000	\$150,000,000	\$187,500,000					
\$1,750,000,000					\$150,000,000	\$300,000,000	\$350,000,000	\$350,000,000	\$350,000,000	\$250,000,000





\$2,000,000,000 2023 Bond Authorization Scenario @ \$0.4210

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
	<i>FINAL</i>	<i>FINAL</i>	<i>FINAL</i>	<i>PROJECTED</i>	<i>PROJECTED</i>	<i>PROJECTED</i>	<i>PROJECTED</i>	<i>PROJECTED</i>	<i>PROJECTED</i>	<i>PROJECTED</i>
Authorization Amounts	Series 2021 25 Yr @ 2.367%	Series 2022 25 Yr @ 3.717%	Series 2022A 25 Yr @ 4.727%	Series 2023 25 Yr @ 5.00%	Series 2024 25 Yr @ 5.00%	Series 2025 25 Yr @ 5.00%	Series 2026 25 Yr @ 5.00%	Series 2027 25 Yr @ 5.00%	Series 2027 25 Yr @ 5.00%	Series 2028 25 Yr @ 5.00%
\$ 737,500,000	\$200,000,000	\$200,000,000	\$150,000,000	\$187,500,000						
\$ 2,000,000,000				\$162,500,000	\$337,500,000	\$400,000,000	\$400,000,000	\$400,000,000	\$400,000,000	\$300,000,000





Tax Rate Impact on NISD Homeowners

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u> <u>11</u>									
Year	Max I&S Tax Rate Increase	State Mandatory Hmstd Exemption	HOME VALUES ⁽²⁾									
			\$ 300,000	\$ 400,000	\$ 450,000	\$ 500,000	\$ 550,000	\$ 600,000	\$ 750,000	\$ 1,000,000		
2023-24	\$ <u>0.0010</u>	\$ 40,000 ⁽¹⁾	\$ 2.60	\$ 3.60	\$ 4.10	\$ 4.60	\$ 5.10	\$ 5.60	\$ 7.10	\$ 9.60		

(1) State Mandatory Homestead Exemption increased to \$40,000 from \$25,000 after passage of May 2022 state-wide election

(2) Home Values BEFORE applying State Mandatory Homestead Exemption

NOTE: Over 65 Homeowners with frozen taxes will not see their school taxes increase as a result of this projected tax rate increase.

Bond Refundings (2005 – 2022)

Refunding Bond Series	Debt Service Savings
Series 2005	\$ 19,794,387
Series 2006	\$ 6,726,026
Series 2008	\$ 1,666,843
Series 2012	\$ 6,432,070
Series 2013A	\$ 3,883,135
Series 2015	\$ 15,395,575
Series 2015A	\$ 22,766,381
Series 2015B	\$ 13,904,656
Series 2016	\$ 10,748,113
Series 2016A	\$ 8,120,718
Series 2017	\$ 4,596,975
Txbl Series 2019	\$ 17,306,582
Series 2020	\$ 8,851,053
Txbl Series 2020A	\$ 24,501,754
Txbl Series 2022	\$ 26,094,184
TOTAL	<u>\$ 190,788,452</u>



Successful D/FW-Area ISD Bond Elections (2017-2022) > \$100,000,000

No.	School District	Bonds Approved	Election Date	No.	School District	Bonds Approved	Election Date
1	Dallas ISD	\$ 3,541,600,000	11/03/20	23	Mesquite ISD	\$ 325,000,000	05/05/18
2	Prosper ISD	1,337,000,000	05/04/19	24	Keller ISD	315,000,000	11/05/19
3	Forney ISD	1,294,000,000	05/07/22	25	McKinney ISD	275,000,000	05/01/21
4	Fort Worth ISD	1,211,000,000	11/02/21	26	Mansfield ISD	275,000,000	05/06/17
5	Denton ISD	992,600,000	05/05/18	27	Argyle ISD	267,885,000	05/07/22
6	Arlington ISD	966,000,000	11/05/19	28	Birdville ISD	252,802,490	11/06/18
7	Richardson ISD	750,000,000	05/01/21	29	Krum ISD	244,700,000	05/07/22
8	Fort Worth ISD	749,735,000	11/07/17	30	Little Elm ISD	239,500,000	11/07/17
9	Lewisville ISD	737,550,000	11/07/17	31	Princeton ISD	237,400,000	05/04/19
10	Northwest ISD	737,500,000	05/01/21	32	Royse City ISD	230,000,000	05/01/21
11	Frisco ISD	691,000,000	11/06/18	33	Allen ISD	214,313,000	11/03/20
12	Forney ISD	623,000,000	11/05/19	34	Carroll ISD	208,000,000	05/06/17
13	Celina ISD	600,000,000	05/04/19	35	H-E-B ISD	199,000,000	05/05/18
14	Community ISD	595,604,000	05/07/22	36	Wylie ISD	193,700,000	05/04/19
15	Eagle Mt-Saginaw ISD	524,755,000	11/07/17	37	Sherman ISD	176,000,000	11/07/17
16	Rockwall ISD	475,845,000	11/02/21	38	Godley ISD	168,500,000	05/01/21
17	Melissa ISD	400,000,000	05/01/21	39	Argyle ISD	166,000,000	05/06/17
18	Northwest ISD	399,000,000	05/06/17	40	Dallas ISD	150,000,000	11/06/18
19	Aubrey ISD	385,900,000	05/07/22	41	Aledo ISD	149,950,000	11/05/19
20	Crandall ISD	365,000,000	05/07/22	42	Crandall ISD	125,000,000	05/06/17
21	Carr-Frmrs Branch ISD	350,935,000	11/06/18	43	Community ISD	115,775,000	11/07/17
22	Van Alstyne ISD	325,000,000	05/01/21	44	Lake Dallas ISD	105,000,000	05/04/19

No.	School District	Election Amount	Election Date
1	Plano ISD	\$ 1,495,638,000	11/08/22
2	Anna ISD	873,735,000	11/08/22
3	Birdville ISD	359,776,090	11/08/22
4	Little Elm ISD	289,500,000	11/08/22
5	Cedar Hill ISD	217,800,000	11/08/22
6	Terrell ISD	115,000,000	11/08/22

* - SOURCE: Municipal Advisory Council of Texas

Ballot Language

Legislation passed in 2019 REQUIRES the following language to appear on every proposition on the bond ballot:

“THIS IS A PROPERTY TAX INCREASE”

EXPLANATION: Regardless of whether the I&S tax rate goes up, stays the same, or goes down, taxes will have to be levied to repay any new bonds through the end of their term

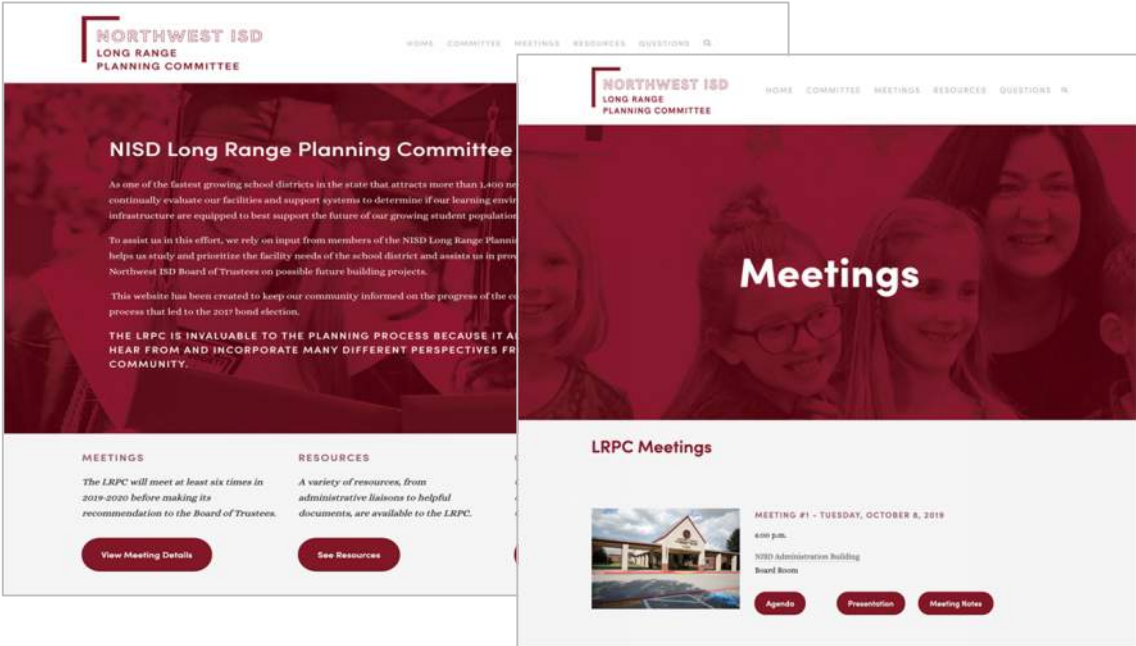
Bond Propositions

Legislation passed in 2019 REQUIRES separate propositions for certain types of projects: Athletic Stadiums with 1,000+ seating, technology devices, to name a few

Reminders

We have three meetings remaining:

Mtg	Date	Location
Meeting 6	Tuesday, November 29	Eaton High School
Meeting 7	Tuesday, December 13	Northwest High School
Meeting 8	Tuesday, January 10	Legacy Learning Center
Recommendation	Monday, January 23	Administration Building



All committee materials are available at nisdtxlrpc.org



NORTHWEST ISD
**LONG RANGE
PLANNING**
COMMITTEE

Meeting #5
November 8, 2022

