

NISD Long Range Planning Committee

Meeting 7

Tuesday, January 10, 2017

Northwest ISD

VISION

The best and most sought-after school district where every student is **future ready:**

- Ready for college
- Ready for the global workplace
- Ready for personal success

BELIEFS

- Kids come first
- Continuous improvement is essential for future success
- The success of each student is the shared responsibility of students, families, schools, and communities
- Environment influences learning

Charge of the LRPC

- Consider the educational needs of all students and align with the district's mission, vision and goals
- Represent the entire NISD community, its values and perceptions in the facility planning process
- Assess and prioritize the district's current and long-term facility needs, including, but not limited to:
 - District growth and capacity
 - Building age, safety and condition
 - Evolving educational delivery and programs
- Form a recommendation for consideration by the NISD Board of Trustees

Agenda

- Meeting 7: Tuesday, January 10, 2017
- Welcome
- Meeting 6 Review
- Bonding Capacity & Tax Impact Scenarios – Jeff Robert
- Building Total Project Budgets, Construction Cost Overview
- Potential Projects by Rating Scores with Cost Analysis
- Large Group Discussion & Revisions to Prioritization

Meeting 6 Review

NORTHWEST ISD VOTER SURVEY

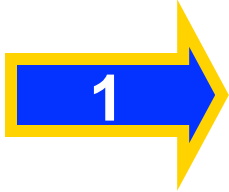
November 28 – December 1, 2016

N = 400 respondents

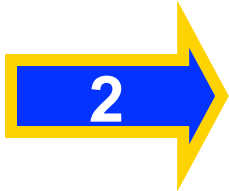
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BASELICE
& Associates, Inc.

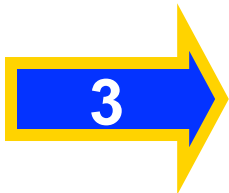
OBJECTIVES



**To assess general attitudes about Northwest
ISD.**



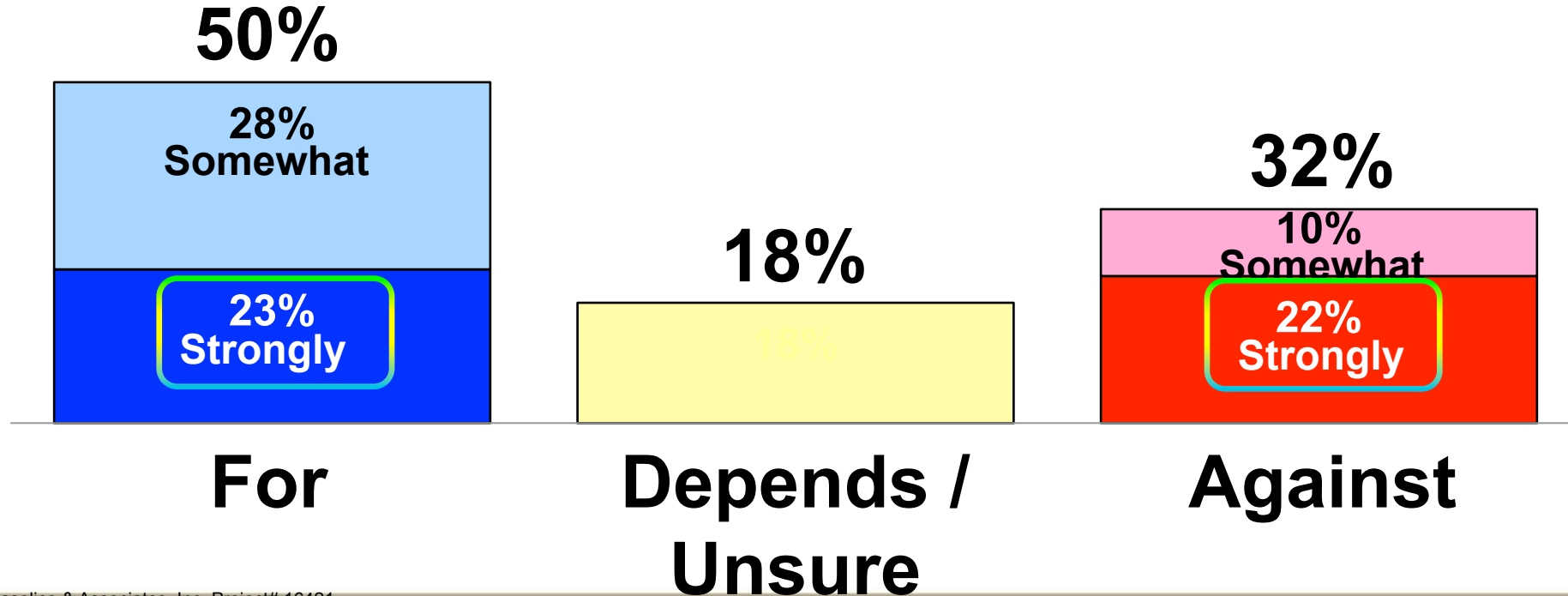
**To measure current levels of support and
opposition to various bond proposals.**



**To determine opinions of various elements of
a possible bond proposal.**

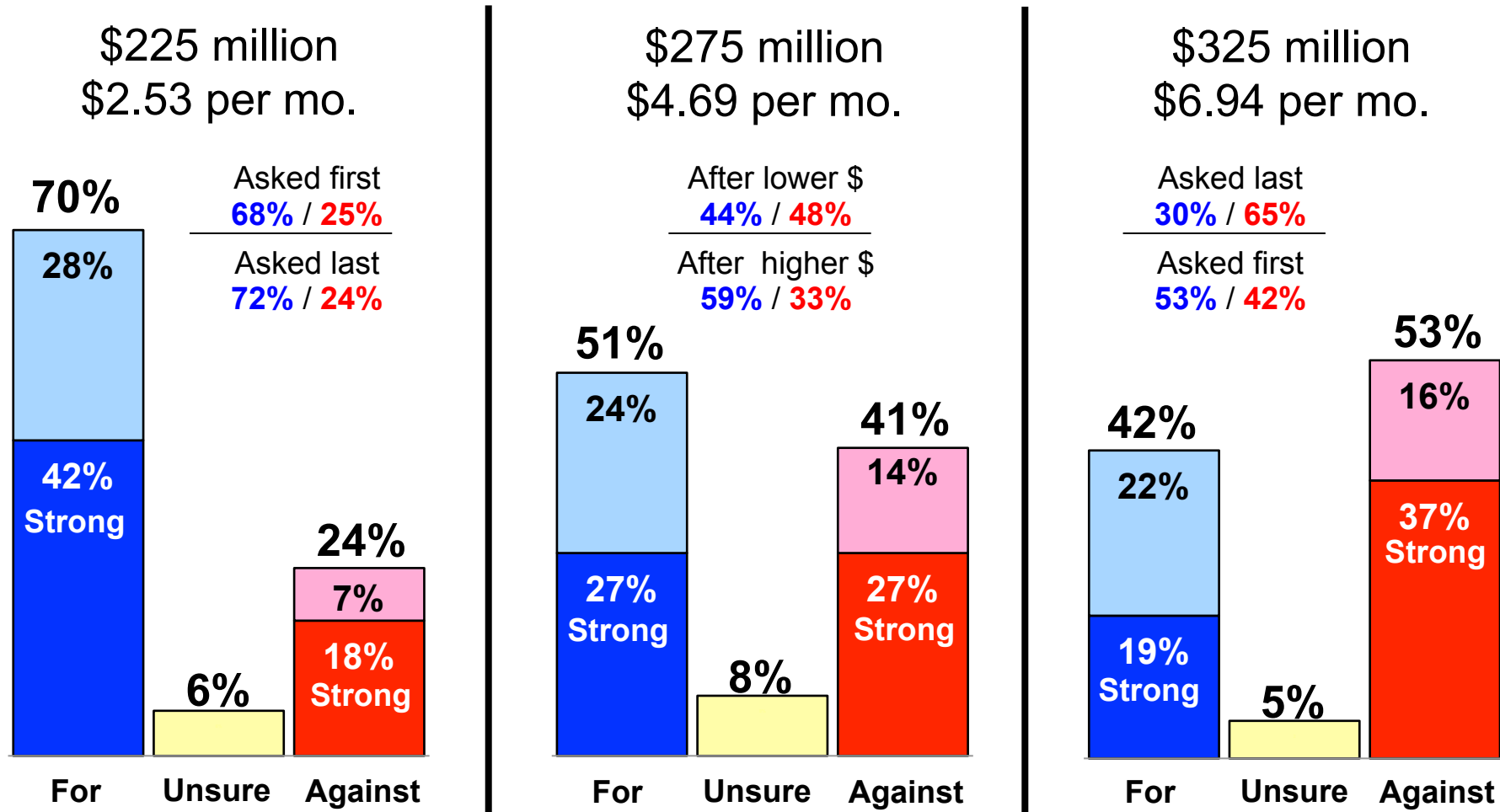
INITIAL BALLOT

Q5. Northwest ISD is considering calling a bond election for this coming May 2017. If an election were held today would you vote for or against the issuance of \$275 million in bonds for constructing, renovating and equipping schools with the levying of a property tax thereof?



INITIAL BALLOTS ON BOND SIZE

Would you vote for or against the issuance of \$_____ million in school bonds, which would increase property taxes by approximately \$_____ per month for the average home value of \$250,000.



<h1>ELEMENTS</h1>		Favor	Oppose	Depends / Unsure	Net Impact
Q10	Northwest ISD is expected to add approximately 6,200 students during the next 5 years and over 12,000 students in the next 10 years. This bond will allow the district to accommodate this growth.	79%	17%	3%	+62%
Q11	Several of the district's elementary, middle and high schools are at or over capacity and more growth is expected. This bond would allow for construction of new elementary schools, a new middle school and a new high school to (Ver X: accommodate growth / Ver Y: alleviate over-crowding).	77%	19%	4%	+59%
Q12	Haslet Elementary is one of the oldest elementary schools and it is not equitable to the district's other campuses. This bond could allow for construction of one replacement elementary school and would renovate Haslet into an administration annex to consolidate departments that are currently spread out across the district.	75%	20%	5%	+54%
Q13	The bond could allow for renovations and additions for growth and equity at Beck Elementary and Byron Nelson High School.	67%	26%	8%	+41%
Q14	The building of schools in this proposal will allow more students to stay in their current neighborhood schools.	84%	12%	4%	+73%
Q15	One element would allow for upgrades and repairs to aging school buildings such as new air conditioning, windows and roofing (Ver X: to extend the life of the school buildings / Ver Y: to make school buildings operate more efficiently and at lower costs).	86%	12%	2%	+75%
Q16	Enrollment in fine arts programs continues to grow in all areas and useable space in existing schools is limited. This bond could include adding large ensemble rooms, practice rooms, theater rooms and dance studios at campuses.	67%	30%	3%	+36%
Q17	The existing high school auditoriums are undersized for today's student enrollment. This bond could include the construction of a districtwide Performing Arts Center to serve all grades and fine arts programs and to allow the district to host performances and regional events.	67%	30%	3%	+37%
Q18	Career and Technical Education programs allow students to prepare for post-secondary education and the workforce. This bond could enhance these programs, including health science, agriculture sciences, STEM and culinary arts, by improving and expanding existing program spaces.	79%	18%	2%	+61%
Q19	One element could provide improvements to current technology infrastructure and devices on all campuses that will provide better instructional tools and learning opportunities for students.	77%	19%	4%	+58%
Q20	One element could include enhancements to safety and security with additional security cameras, better lighting, new fire safety alarms and access control systems.	84%	15%	1%	+69%
Q21	Existing state law freezes the tax rate of homeowners sixty five years of age or older. Senior citizens who file their exemption will not have to pay any additional property taxes associated with this bond proposal.	85%	13%	3%	+72%
Q22	A diverse advisory committee of citizens, parents and teachers has been working to evaluate the school district's needs and this bond proposal will include recommendations from this citizen's group.	78%	16%	7%	+62%
Q23	Opponents say this bond will increase taxes and local debt and includes many things that are not essential.	36%	50%	14%	-14%
Q25	With the opening of the district's fourth comprehensive high school, this bond could also include the construction of a second districtwide multipurpose stadium to serve the district's growing student population, programs, competitions and events.	26% 51%	29% 46%	← Strong 3%	+5%
Q26	NISD is one of the few districts in the area that does not have an aquatic facility. The district is forced to rent use of Keller ISD's natatorium for swimming and diving, which limits practice time for students and requires them to travel out of district. This bond could include the construction of a district owned Aquatic center to serve the entire student body and community.	75%	23%	2%	+51%

Summary of Correlation Scores

The top three scores are highlighted in light blue. Correlation Scores are relative measures that should be compared within a subgroup, not compared between different subgroups.

		Total Sample (N=400)	Parent (n=173)	Non-Parent (n=227)
		Correlation Score	Correlation Score	Correlation Score
Q10	Northwest ISD is expected to add approximately 6,200 students during the next 5 years and over 12,000 students in the next 10 years. This bond will allow the district to accommodate this growth.	14.4	22.4	8.6
Q11	Several of the district's elementary, middle and high schools are at or over capacity and more growth is expected. This bond would allow for construction of new elementary schools, a new middle school and a new high school to (Ver X: accommodate growth / Ver Y: alleviate over-crowding).	22.6	21.8	13.6
Q12	Haslet Elementary is one of the oldest elementary schools and it is not equitable to the district's other campuses. This bond could allow for construction of one replacement elementary school and would renovate Haslet into an administration annex to consolidate departments that are currently spread out across the district.	6.6	0.6	9.8
Q13	The bond could allow for renovations and additions for growth and equity at Beck Elementary and Byron Nelson High School.	2.4	3.0	1.1
Q14	The building of schools in this proposal will allow more students to stay in their current neighborhood schools.	3.3	6.8	2.4
Q15	One element would allow for upgrades and repairs to aging school buildings such as new air conditioning, windows and roofing (Ver X: to extend the life of the school buildings / Ver Y: to make school buildings operate more efficiently and at lower costs).	0.8	4.1	1.0
Q16	Enrollment in fine arts programs continues to grow in all areas and useable space in existing schools is limited. This bond could include adding large ensemble rooms, practice rooms, theater rooms and dance studios at campuses.	8.3	12.8	3.6
Q17	The existing high school auditoriums are undersized for today's student enrollment. This bond could include the construction of a districtwide Performing Arts Center to serve all grades and fine arts programs and to allow the district to host performances and regional events.	3.6	2.2	3.4
Q18	Career and Technical Education programs allow students to prepare for post-secondary education and the workforce. This bond could enhance these programs, including health science, agriculture sciences, STEM and culinary arts, by improving and expanding existing program spaces.	1.0	3.0	1.4
Q19	One element could provide improvements to current technology infrastructure and devices on all campuses that will provide better instructional tools and learning opportunities for students.	4.0	2.5	2.7
Q20	One element could include enhancements to safety and security with additional security cameras, better lighting, new fire safety alarms and access control systems.	6.4	4.1	14.7
Q21	Existing state law freezes the tax rate of homeowners sixty five years of age or older. Senior citizens who file their exemption will not have to pay any additional property taxes associated with this bond proposal.	3.7	3.1	5.8
Q22	A diverse advisory committee of citizens, parents and teachers has been working to evaluate the school district's needs and this bond proposal will include recommendations from this citizen's group.	1.8	7.9	0.9
Q23	Opponents say this bond will increase taxes and local debt and includes many things that are not essential.	-1.2	-0.7	-1.3
Q25	With the opening of the district's fourth comprehensive high school, this bond could also include the construction of a second districtwide multipurpose stadium to serve the district's growing student population, programs, competitions and events.	0.9	1.1	-3.5
Q26	NISD is one of the few districts in the area that does not have an aquatic facility. The district is forced to rent use of Keller ISD's natatorium for swimming and diving, which limits practice time for students and requires them to travel out of district. This bond could include the construction of a district owned Aquatic center to serve the entire student body and community.	3.3	6.1	1.1

MESSAGE MATRIX

Total Sample

Parent

Non-Parent

Several of the district's elementary, middle and high schools are at or over capacity and more growth is expected. This bond would allow for construction of new elementary schools, a new middle school and a new high school to (Ver X: accommodate growth / Ver Y: alleviate over-crowding) (Q11).

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CONCLUSIONS

1

Respondents give NISD good marks. Nearly eight in ten (78%) are satisfied with the leadership of NISD, and 76% believe MISD manages money wisely (33%) or as well as can be expected (43%).

2

Two-thirds of respondents (67%) think the district needs more schools and classrooms to address growth over the next five to ten years while only 15% believe there are enough. A quarter of non-parents are not sure.

3

On the initial ballot for a bond of \$275 million, 50% would vote for and 32% would vote against, while 18% are unsure. Among those who feel strongly about the issue, 23% would vote for and 22% would vote against. This indicates a toss-up if the election were held today. Parents are more likely to strongly favor while non-parents are more likely to strongly oppose.

4

Taxes are the leading reason why voters are opposed to the bond (41%). More than one-quarter of no voters need more information.

5

After respondents hear more about it, 68% would vote for and 27% would vote against, while 5% remain undecided. The elements that correlate most with the informed support are have been identified using regression analysis.

6

More respondents strongly oppose (29%) the second stadium than strongly support it (26%) however a majority of respondents indicate they would still support a bond that included a second stadium (53% for standalone athletics prop and 68% for comprehensive prop).

Prioritization Process

- The committee will utilize a prioritization tool designed to allow for a comprehensive evaluation of projects, requiring evaluators to consider a consistent series of factors before identifying an overall priority level.
- The rating factors in this tool should be used to guide valuable discussion, weigh pros and cons and consider the overarching priority of a project.

Prioritization Process

Work in subgroups to rate each project using an online prioritization matrix.

Rate each project using the 4 factors for prioritization.

Factors hold weight based on previous ranking by committee:

- Benefit to Students – 35%
- Urgency of Need – 34%
- Value – 18%
- Benefit to Community – 13%

Bonding Capacity & Tax Impact Scenarios

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Long Range Planning Committee Presentation

Northwest Independent School District



Every Student Future Ready. January 10, 2017

Presentation Topics

Texas ISD Bond FAQs	Pages 3 – 6
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What is a Bond?

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

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 voted bonds.** The State Attorney General will not approve a bond issue that is projected to result in an I&S tax rate above \$0.50 in any year that the bonds are outstanding using the current tax base at the time of bond issuance ("AG Fifty Cent Test").

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 25 and 30 years (maximum legal term is 40 years). If a bond issue includes multiple projects with different useful lives, we make certain to amortize/pay off principal according to each project's useful life.

What will the Interest Rate Be?

The interest rate is not be finalized until bonds are sold, which takes place 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 allows for the bonds to receive a 'AAA' rating which is the highest credit rating. The District's strong financial position and stand-alone Fitch ("AA") and Moody's ("Aa2") ratings with the PSF Guarantee means that Northwest ISD bonds will be priced at the lowest available interest rates at the time of issuance.

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
- Goal is to produce tax base assumptions that are realistic yet conservative

Interest Rates

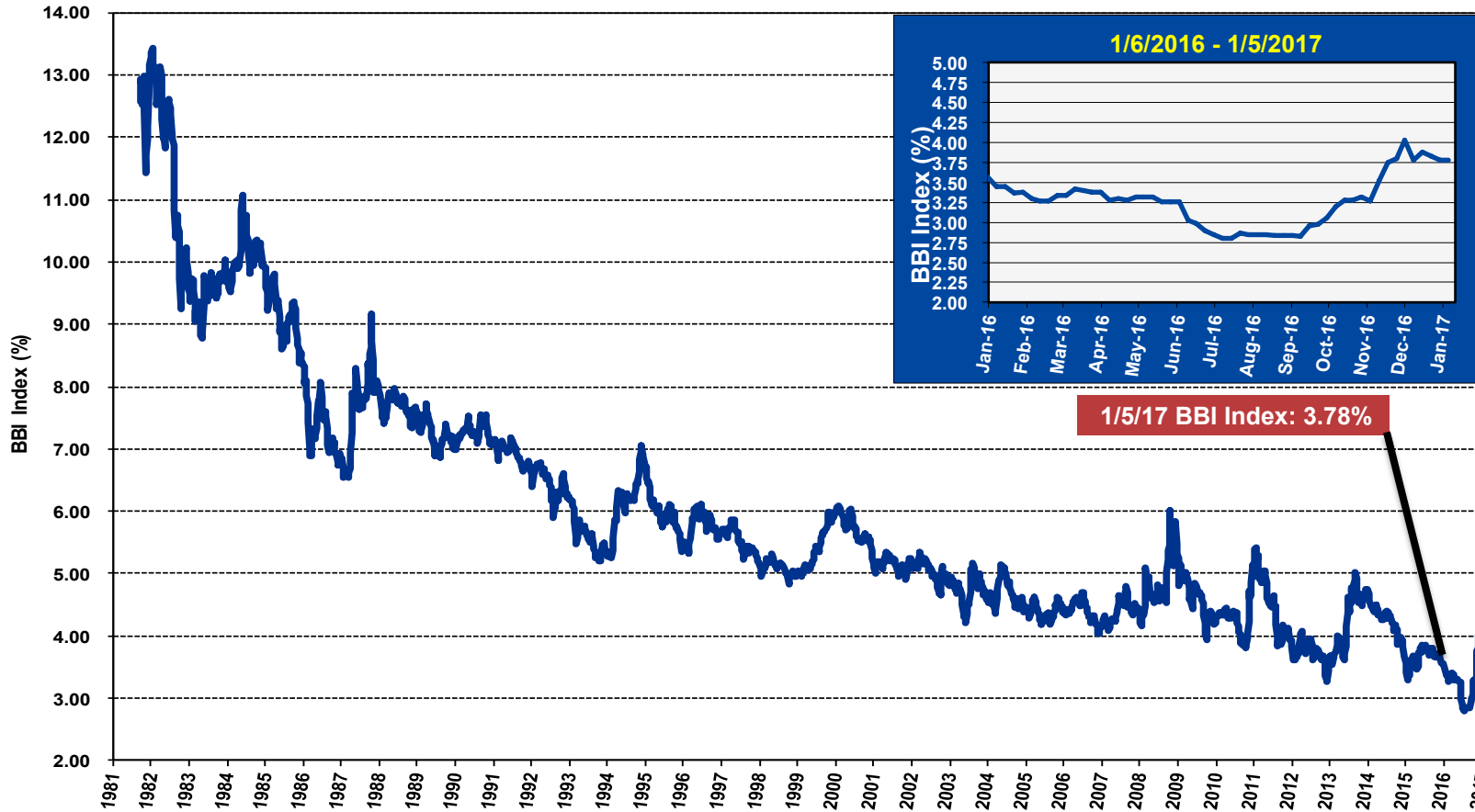
- Interest rates are not finalized for a bond issue until the day the bond issue is sold. Earliest date would be a little over one month after a successful election.
- Interest rates have risen somewhat over the last few months but are still very low from a historical perspective.
- Always use interest rate assumptions that are higher than current interest rates to give 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
- Do not want the term of the bond issue to exceed the useful life of the project(s)

Historical Tax Exempt Interest Rates: Bond Buyer's 20 Yr Index

Bond Buyer 20 Year GO Index September 1981 - January 5, 2017



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.

Northwest ISD Historical Tax Base and Tax Rate

1	2	3	4	5	6
Fiscal Year	Tax Base	Growth Rate	M&O Tax Rate	I&S Tax Rate	Total Tax Rate
2007	7,167,066,433	23.10%	\$1.3300	\$0.3350	\$1.6650
2008	8,147,472,710	13.68%	\$1.0000	\$0.3350	\$1.3350
2009	9,566,808,967	17.42%	\$1.0000	\$0.3350	\$1.3350
2010	10,307,632,937	8.49%	\$1.0200	\$0.3350	\$1.3550
2011	9,957,668,803	-4.06%	\$1.0400	\$0.3350	\$1.3750
2012	10,307,632,937	3.51%	\$1.0400	\$0.3350	\$1.3750
2013	10,207,009,131	-0.98%	\$1.0400	\$0.3350	\$1.3750
2014	9,896,396,950	-3.04%	\$1.0400	\$0.4125	\$1.4525
2015	11,145,882,079	12.63%	\$1.0400	\$0.4125	\$1.4525
2016	11,705,540,348	5.02%	\$1.0400	\$0.4125	\$1.4525
2017	12,420,509,120	6.11%	\$1.0400	\$0.4125	\$1.4525

SOURCE: FSC Internal Records

NISD Tax Base Assumptions

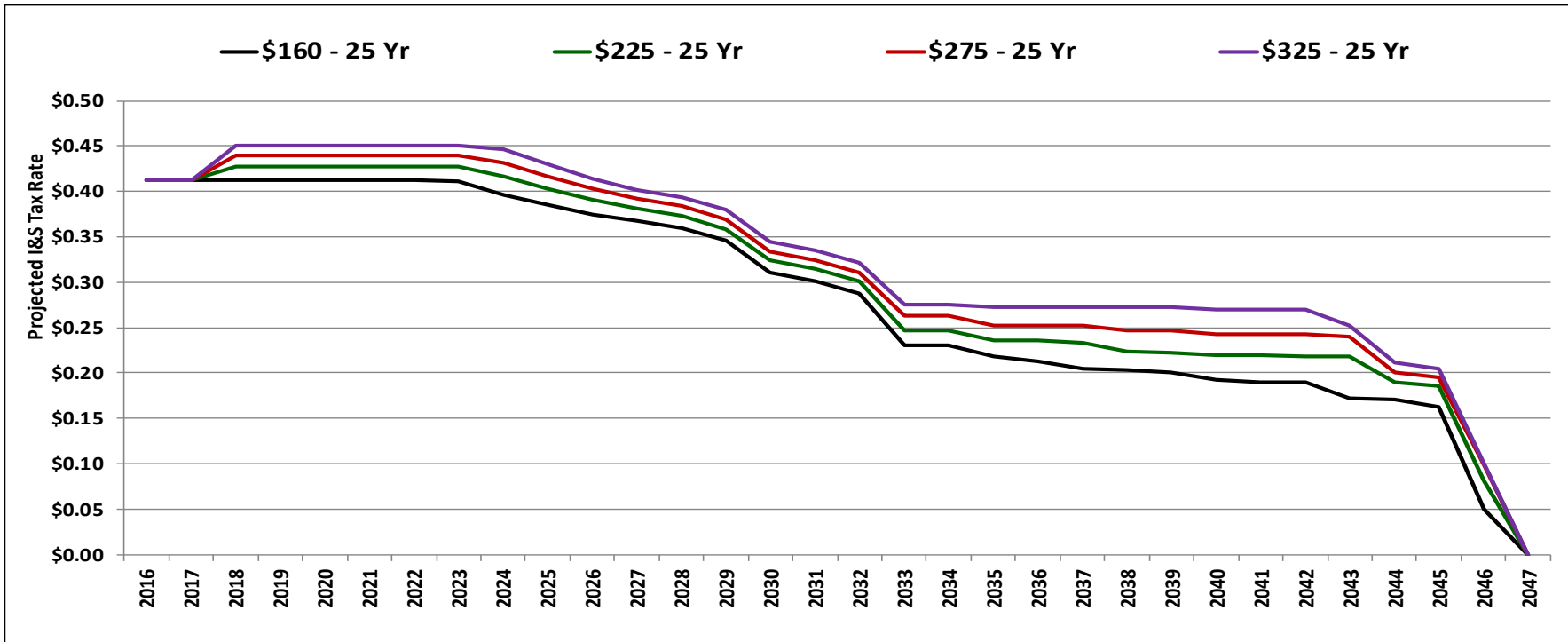
Because school districts issue long term bonds to pay for their large capital expenditures, tax base assumptions are used to structure the issuance of any new authorization in order to calculate/project the I&S tax rate going forward.

If the NISD tax base grows at a slower than projected rate, the bonds will likely be issued at a slower rate. For example, current issuance scenarios project the issuance of potential new authorization over the next 5 years. If the tax base grows slower than what is projected, the potential new authorization would likely be issued over 6 or 7 years.

Fiscal Year	Tax Base Growth Assumptions	
	Tax Base	Growth Rate
2018	\$13,352,047,304	7.50%
2019	14,353,450,852	7.50%
2020	15,429,959,666	7.50%
2021	16,587,206,641	7.50%
2022	17,831,247,139	7.50%
2023	18,277,028,317	2.50%
2024	18,733,954,025	2.50%
2025	19,202,302,876	2.50%
2026	19,682,360,448	2.50%
2027	20,174,419,459	2.50%
<u>TAX BASE ASSUMED TO GROW AT 1% THEREAFTER</u>		

Bond Election Scenarios

	<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>
Remaining \$100 Mil Authorization									
PLUS NEW Election Size									
		<i>PLUS 0.50%</i>	<i>PLUS 0.75%</i>	<i>PLUS 1.00%</i>	<i>PLUS 1.00%</i>	<i>PLUS 1.00%</i>			
	Series 2017	Series 2018	Series 2019	Series 2020	Series 2021				
	25 Yr @ 4.30%	25 Yr @ 4.45%	25 Yr @ 4.60%	25 Yr @ 4.60%	25 Yr @ 4.60%				
\$ 160,000,000	\$ 45,000,000	\$ 100,000,000	\$ 45,000,000	\$ 45,000,000	\$ 25,000,000	Maximum I&S Tax Rate	Current I&S Tax Rate	I&S Tax Rate Increase	
\$ 225,000,000	\$ 45,000,000	\$ 110,000,000	\$ 65,000,000	\$ 65,000,000	\$ 40,000,000	\$ 0.4125	\$ 0.4125	\$ -	
\$ 275,000,000	\$ 45,000,000	\$ 130,000,000	\$ 75,000,000	\$ 75,000,000	\$ 50,000,000	\$ 0.4268	\$ 0.4125	\$ 0.0143	
\$ 325,000,000	\$ 45,000,000	\$ 140,000,000	\$ 90,000,000	\$ 90,000,000	\$ 60,000,000	\$ 0.4390	\$ 0.4125	\$ 0.0265	
						\$ 0.4511	\$ 0.4125	\$ 0.0386	



Every Student Future Ready

Bond Election Impacts on NISD Homeowner

1 2 3 4 5 6 7 8 9 10

Projected MAXIMUM ANNUAL Tax Rate Impact on Northwest ISD Homeowners									
Tax Rate	<i>Home Values *</i>								
Increase	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000	\$ 250,000 **	\$ 300,000	\$ 400,000	\$ 500,000	\$ 600,000
\$ 0.0143	\$ 3.58	\$ 10.73	\$ 17.88	\$ 25.03	\$ 32.18	\$ 39.33	\$ 53.63	\$ 67.93	\$ 82.23
\$ 0.0265	\$ 6.62	\$ 19.85	\$ 33.08	\$ 46.32	\$ 59.55	\$ 72.79	\$ 99.25	\$ 125.72	\$ 152.19
\$ 0.0386	\$ 9.65	\$ 28.95	\$ 48.25	\$ 67.55	\$ 86.85	\$ 106.15	\$ 144.75	\$ 183.35	\$ 221.95

Projected MAXIMUM MONTHLY Tax Rate Impact on Northwest ISD Homeowners									
Tax Rate	<i>Home Values *</i>								
Increase	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000	\$ 250,000 **	\$ 300,000	\$ 400,000	\$ 500,000	\$ 600,000
\$ 0.0143	\$ 0.30	\$ 0.89	\$ 1.49	\$ 2.09	\$ 2.68	\$ 3.28	\$ 4.47	\$ 5.66	\$ 6.85
\$ 0.0265	\$ 0.55	\$ 1.65	\$ 2.76	\$ 3.86	\$ 4.96	\$ 6.07	\$ 8.27	\$ 10.48	\$ 12.68
\$ 0.0386	\$ 0.80	\$ 2.41	\$ 4.02	\$ 5.63	\$ 7.24	\$ 8.85	\$ 12.06	\$ 15.28	\$ 18.50

* - All homeowners are eligible for the \$25,000 State Mandatory Homestead Exemption

** - Average market value of Northwest ISD residences in 2016 is \$248,334 per local appraisal district

NOTE – Taxpayers that are 65 and over will not have their taxes go above the frozen levy amount/ceiling that was established for their homestead when the over 65 frozen ceiling was granted. For more information, please contact the Tarrant or Johnson County Appraisal District.

Scenario Observations

- ✓ 25 year terms assumed for all bond issues.
- ✓ Assumed interest rates: Series 2017-current+0.50%; Series 2018-current+0.75%; Series 2019-current+1.00%; Series 2020-current+1.00%; Series 2021-current+1.00%
- ✓ The combination of the Permanent School Fund Guarantee ('AAA' rating) and NISD's outstanding underlying ratings: *Fitch: 'AA'; Moody's: 'Aa2'*; mean that NISD's bonds will achieve the lowest interest rates available in the financial marketplace on any given issuance day
- ✓ If actual tax base comes in lower than assumptions, delayed issuance, I&S fund balance and/or refundings/restructurings would be completed to stay at or projected maximum tax rates

Bond Principal Outstanding Comparison

Total Principal Outstanding as of 1/1/17

No two districts are the same, however we have included the outstanding bond principal and tax rates for several other Metroplex-area ISD's for comparative purposes. Note that several of these districts have current authorized but unissued bonds or are considering future bond elections.

District	Principal Outstanding	Average Daily Attendance (ADA)	2016-17 Total Tax Rate	Square Miles
Northwest	\$ 733,049,556	19,994	\$ 1.4525	234.03
Allen	\$ 587,860,275	20,053	1.5900	29.22
Arlington	\$ 813,958,853	58,226	1.3901	88.22
Crowley	\$ 325,046,535	14,022	1.6500	57.77
Denton	\$ 862,652,256	25,748	1.5400	169.26
Eagle Mt-Saginaw	\$ 558,609,150	18,078	1.5400	73.92
Frisco	\$ 1,888,295,843	51,434	1.4600	74.85
Grand Prairie	\$ 511,633,613	27,097	1.5950	53.30
Irving	\$ 465,735,000	32,395	1.4450	50.99
Keller	\$ 728,705,387	32,482	1.5200	51.00
Lewisville	\$ 1,086,640,601	50,490	1.4200	124.89
Mansfield	\$ 760,200,000	32,184	1.5100	93.72
McKinney	\$ 525,880,000	23,367	1.6200	108.51
Plano	\$ 1,000,470,000	51,737	1.4390	95.82
Rockwall	\$ 428,976,671	14,706	1.4650	107.52

About FirstSouthwest: Experience & Information

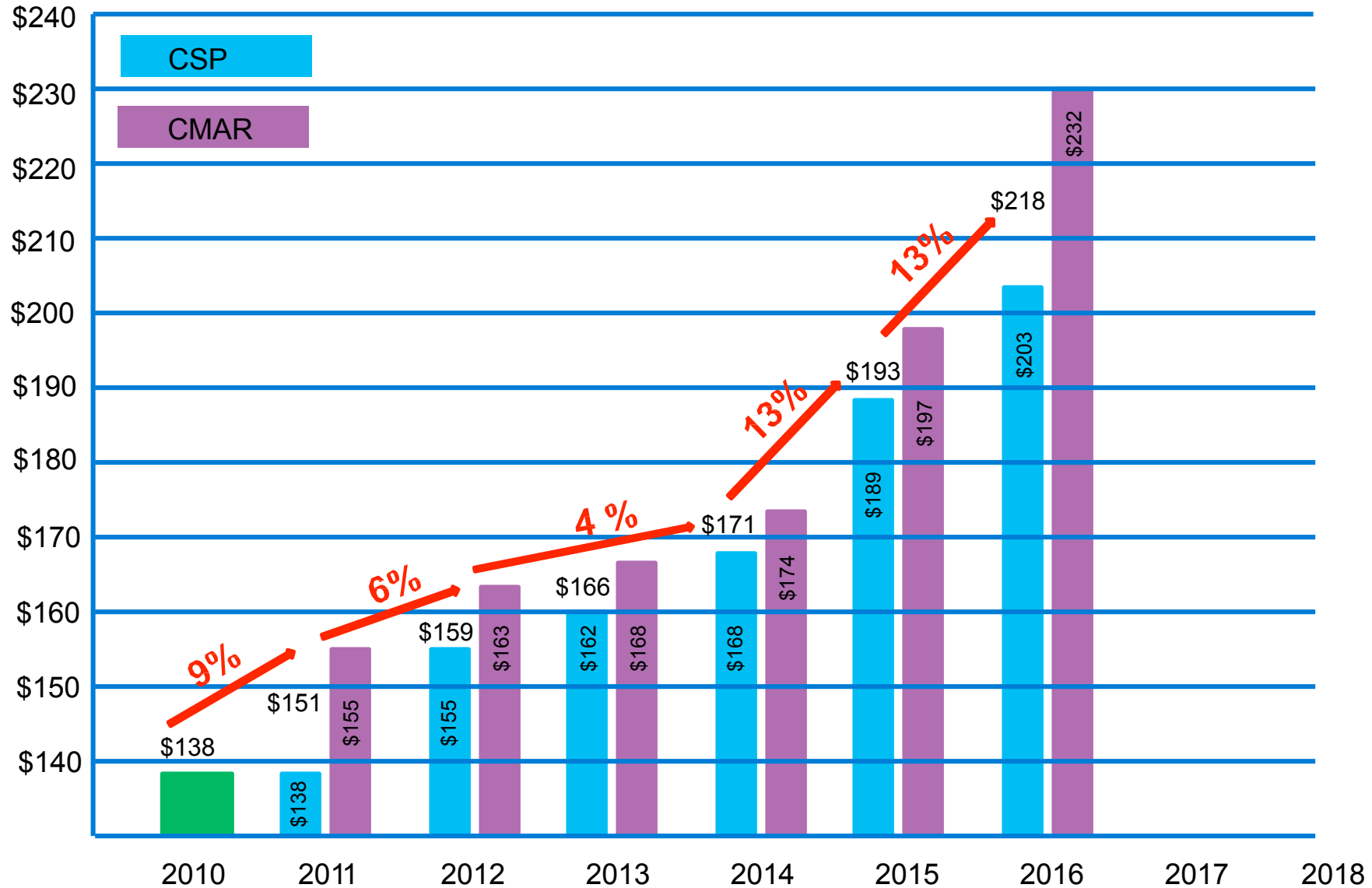
- ✓ Founded in 1946: 70 year history
- ✓ Full service investment bank specializing in Public Finance
- ✓ Provide analysis, guidance and advice to governmental entities in the implementation of financing plans to fund capital/facilities improvement programs
- ✓ Jeff Robert works exclusively with Texas ISD's
- ✓ Select North Texas ISD's whom FirstSouthwest represents as financial advisor:

<i>Allen*</i>	<i>Crowley*</i>	<i>H-E-B</i>	<i>Northwest*</i>
<i>Arlington</i>	<i>Decatur*</i>	<i>Keller*</i>	<i>Plano</i>
<i>Car-Far Branch</i>	<i>Fort Worth</i>	<i>Kennedale*</i>	<i>Princeton*</i>
<i>Cedar Hill*</i>	<i>Garland</i>	<i>Lake Worth*</i>	<i>Richardson*</i>
<i>Cleburne*</i>	<i>Godley*</i>	<i>Mansfield*</i>	<i>Rockwall*</i>
<i>Coppell</i>	<i>Graham*</i>	<i>McKinney</i>	<i>Sunnyvale</i>
<i>Corsicana*</i>	<i>Greenville*</i>	<i>Mesquite</i>	<i>Weatherford*</i>

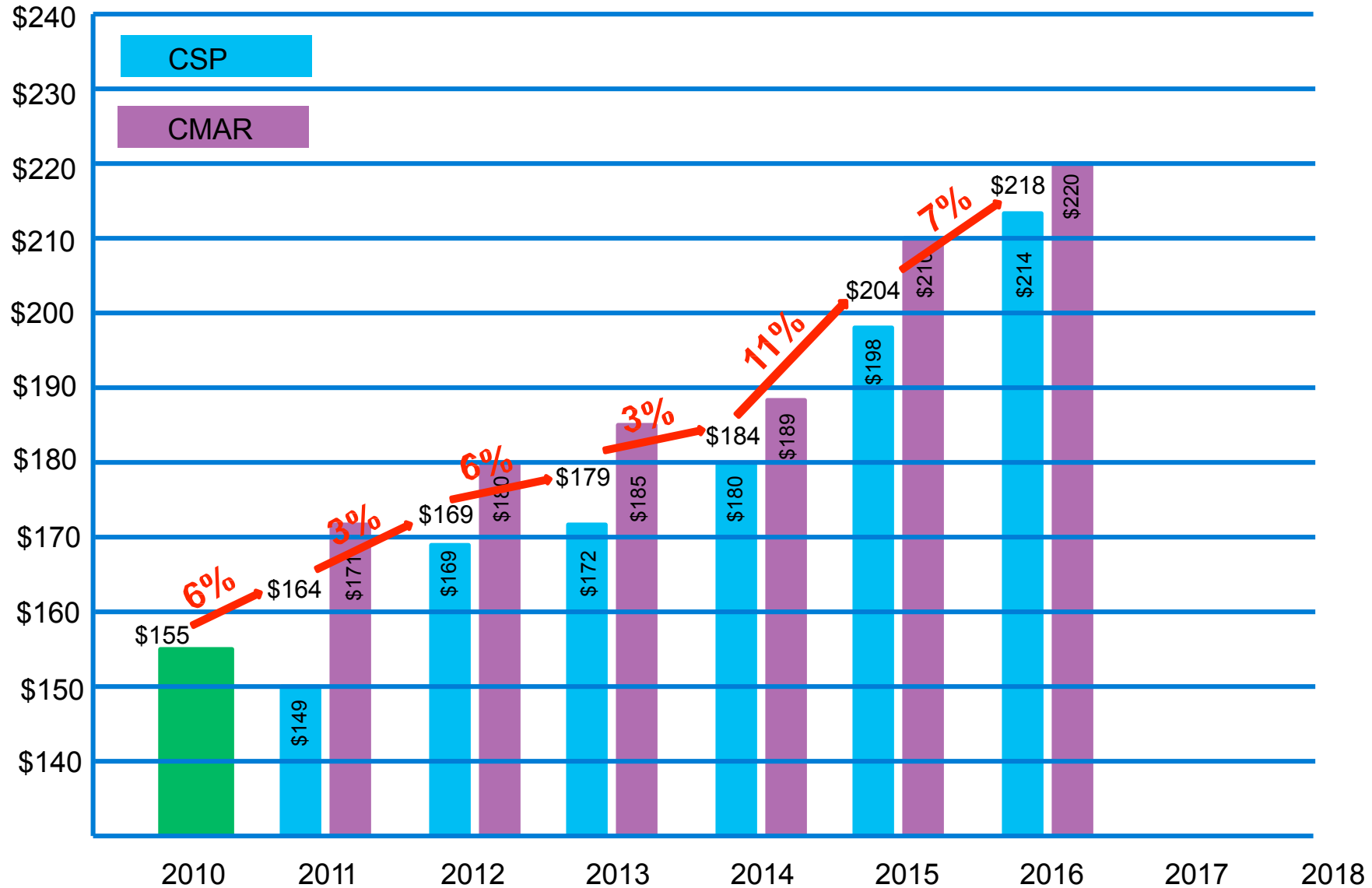
* - Districts in which Jeff Robert serves as the primary FirstSouthwest representative

School Construction Costs

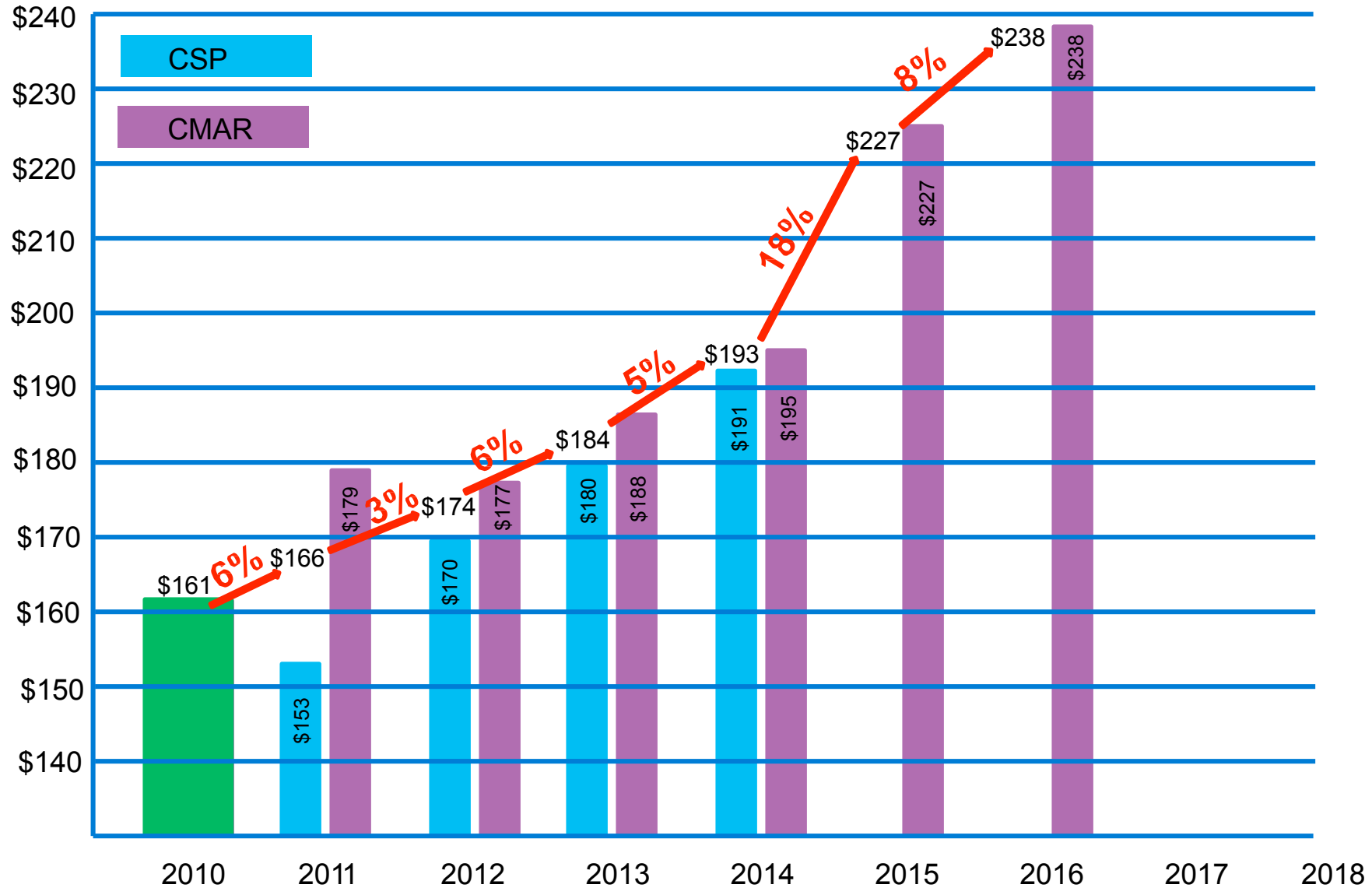
Elem School Cost Report



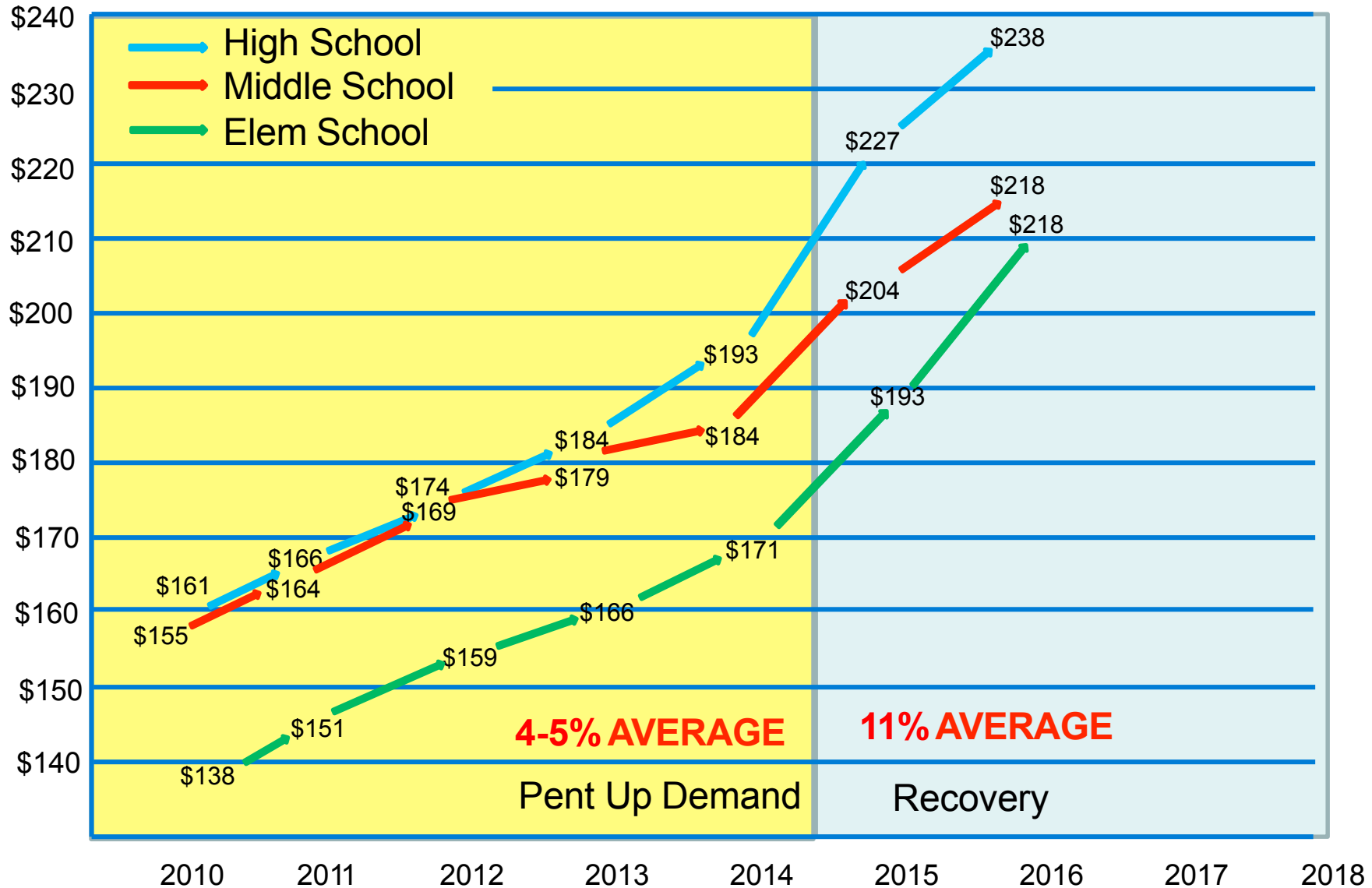
Middle School Cost Report



High School Cost Report

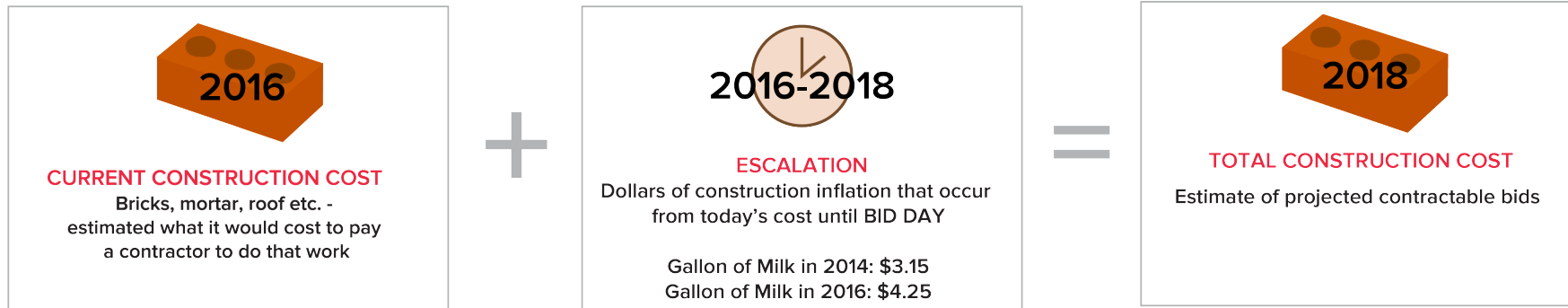


Cost Trends *SUMMARY*

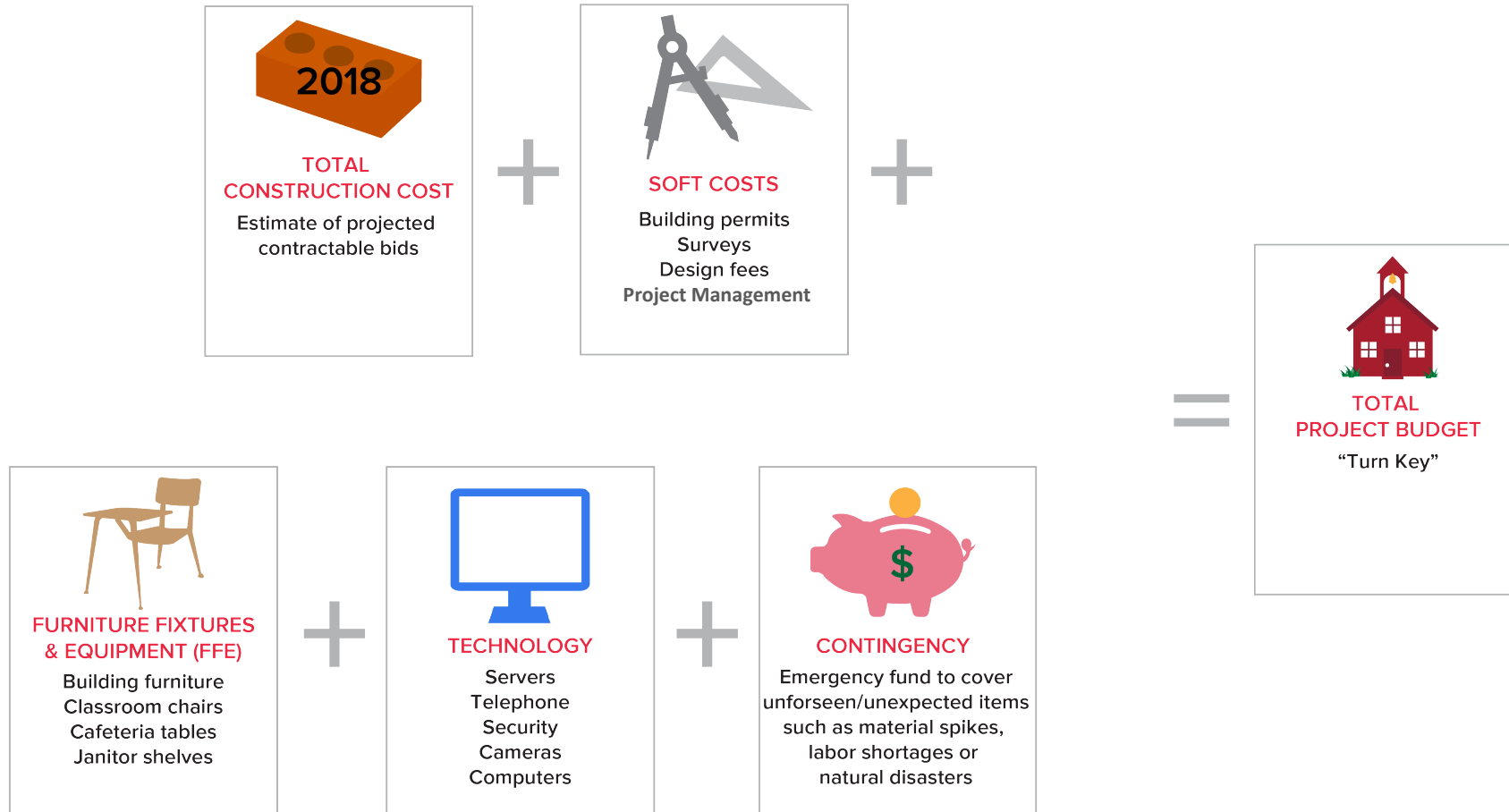


Building Total Project Budgets

Building Total Project Budgets



Building Total Project Budgets



Potential Projects by Rating Score

Potential Projects by Rating

CATEGORY	PROJECTS	PROJECT RATING TOTAL
GROWTH	New Elementary Schools #19 and #20 (Projected Need 2019-20)	✓
GROWTH	New Elementary School #21 (Projected Need 2020-21)	✓
GROWTH	New Elementary School #22 (Projected Need 2021-22)	✓
GROWTH	New Middle School #7 (Projected Need 2021-22)	✓
GROWTH	New Comprehensive High School #4 (Projected Need 2021-22)	✓
GROWTH	Land Acquisition for Future School Sites	✓
GROWTH	Replacement Haslet Elementary School & renovate existing for Admin Annex	✓
GROWTH	Beck Elementary Classroom Addition	✓
GROWTH	Three Elementary School Expansions (650 to 850)	✓
GROWTH	Byron Nelson HS Expansion	✓
ATHLETICS	Fields & Track Replacements	✓

Potential Projects by Rating

CATEGORY	PROJECTS	PROJECT RATING TOTAL
CTE	Skills Lab for Certifications in Health Science	5.0
CTE	Byron Nelson HS Ag Expansion, Culinary Expansion & Engineering Lab	5.0
SAFETY & SEC.	Entrance & Reception Area Improvements – approach camera, buzzer and video; uniform platform; reception area security enhancements	5.0
SAFETY & SEC.	Fencing at Elementary Campuses	5.0
TECHNOLOGY	Technology Infrastructure & District Backbone – cabling, Wi-Fi, equipment closets, phone system upgrades, network operations	5.0
DEFICIENCIES	Roof Replacement & Repairs	5.0
DEFICIENCIES	Code Compliance (ADA Items)	5.0
DEFICIENCIES	Replacement of Age Electrical, Mechanical & Plumbing Equipment	5.0
DEFICIENCIES	Replace Aged Fire Alarms	5.0
DEFICIENCIES	Water Intrusion & Damage (incl. window replacement, caulking, sealing, etc.)	5.0

Potential Projects by Rating

CATEGORY	PROJECTS	PROJECT RATING TOTAL
CTE	Technology & Infrastructure Upgrades for Labs	4.9
SAFETY & SEC.	Door Hardware Upgrades - with intruder function	4.9
CTE	Northwest HS AMAT Upgrade & Ag Expansion	4.9
CTE	Computer Certification Labs	4.8
CTE	Ag Barn Expansion, New Addition & Upgrades	4.8
CTE	Expand STEM at NHS	4.8
SAFETY & SEC.	Access Control Improvements & Intrusion Alarms – Automated lockdown	4.8
TECHNOLOGY	Student Device Refresh	4.8
SAFETY & SEC.	Security Cameras - additional coverage and replacements	4.8
SAFETY & SEC.	Updated Exterior Lighting	4.8
SAFETY & SEC.	Intercom System Improvements	4.7
DISTRICT WIDE	Additional Pre-K Classrooms	4.6
TECHNOLOGY	Teacher & Staff Device Refresh	4.6
TECHNOLOGY	Virtual Desktop Infrastructure Growth	4.6
ATHLETICS	Second District Stadium	4.5
DEFICIENCIES	Renovations/Aesthetic Upgrades to Campuses 25+ Years	4.5
FINE ARTS	BNHS & NHS Fine Arts Improvements – new large ensemble and practice rooms and new dance studio (BNHS), update lighting in PAC & Black Box	4.5

Potential Projects by Rating

CATEGORY	PROJECTS	PROJECT RATING TOTAL
TECHNOLOGY	Classroom Display Upgrades	4.4
FINE ARTS	Middle School Fine Arts Improvements – Update stage areas, new large ensemble, practice and theater rooms, band and choir room updates	4.4
FINE ARTS	District Performing Arts Center	4.3
DEFICIENCIES	Replacement of Aged Kitchen Equipment	4.3
DEFICIENCIES	Driveway, Curb, and Paving Repair	4.2
DISTRICT WIDE	District Wide Collaborative Areas	4.2
ATHLETICS	Outdoor Fieldhouse at BNHS & NHS	4.2
DEFICIENCIES	Replace Aged Flooring	4.0
ATHLETICS	NISD Special Events Center	4.0
ATHLETICS	District Aquatic Center	4.0
FINE ARTS	Renovate Northwest HS PAC	3.6
FINE ARTS	Upgrade Elementary Stage Sound Systems	3.6
TECHNOLOGY	Docking/Charging Stations for NISD Devices	3.6
FINE ARTS	Art Class Space & Furniture	3.6
DISTRICT WIDE	District Wide Classroom Furniture Refresh	3.5
ATHLETICS	Texan Stadium Bleachers and Press Box Replacement	3.4
FINE ARTS	Uniforms for Band, Drill Team & Cheer (8 yr. cycle)	3.2
ATHLETICS	Ticket booths	3.1
TECHNOLOGY	Bus Wi-Fi – Anytime anywhere access	2.4

Cost Analysis

New Growth Option A

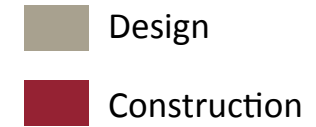
	2017/18	2018/19	2019/20	2020/21	2021/22
Elementary Schools		<i>New Elem. #18</i>	New Elem. #19 New Elem. #20	New Elem. #21 Haslet Elem. Replacement	New Elem. #22 Renovate Existing Haslet Elem. For Admin. Annex
Elementary Expansions	<i>Expand Schluter</i>	Beck Elem. Classroom Addition	Existing Elem. Expansion	Existing Elem. Expansion	Existing Elem. Expansion



























	2017/18	2018/19	2019/20	2020/21	2021/22
Middle Schools		<i>New MS #6</i>			New MS #7

	2017/18	2018/19	2019/20	2020/21	2021/22
High Schools			Bryon Nelson Expansion		New HS #4

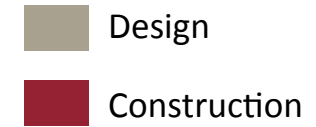
	2017/18	2018/19	2019/20	2020/21	2021/22
Other Needs					

New Growth Option A



PROJECTS	2017	2018	2019	2020	2021	2022
Beck Elementary Classroom Addition		  Open Aug 2018				
Byron Nelson HS Expansion			  Open Aug 2019			
New Elementary School #19			  Open Aug 2019			
New Elementary School #20			  Open Aug 2019			
Elementary Expansion #1			  Open Aug 2019			
New Elementary School #21				  Open Aug 2020		
Elementary Expansion #2				  Open Aug 2020		
Elementary Replacement of Haslet				  Open Aug 2020		
New Elementary School #22					  Open Aug 2021	
Elementary Expansion #3					  Open Aug 2021	
Renovation of existing Haslet for Admin Annex					  Open Aug 2021	
New Middle School #7				  Open Aug 2021		
New Comprehensive High School #4			  Open Aug 2021			
Land Acquisition						

New Growth Option A



PROJECTS	2017	2018	2019	2020	2021	2022
Beck Elementary Classroom Addition						
Byron Nelson HS Expansion						
New Elementary School #19						
New Elementary School #20						
Elementary Expansion #1						
New Elementary School #21						
Elementary Expansion #2						
Elementary Replacement of Haslet						
New Elementary School #22						
Elementary Expansion #3						
Renovation of existing Haslet for Admin Annex						
New Middle School #7						
New Comprehensive High School #4						
Land Acquisition						

Total:
\$554,221,825

New Growth Option B

						Future Bond	
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Elementary Schools		<i>New Elem. #18</i>	New Elem. #19	New Elem. #20 Haslet Elem. Replacement	New Elem. #21 Renovate Existing Haslet Elem. For Admin. Annex		
Elementary Expansions	<i>Expand Schluter</i>	Beck Elem. Classroom Addition	Existing Elem. Expansion	Existing Elem. Expansion	Existing Elem. Expansion		

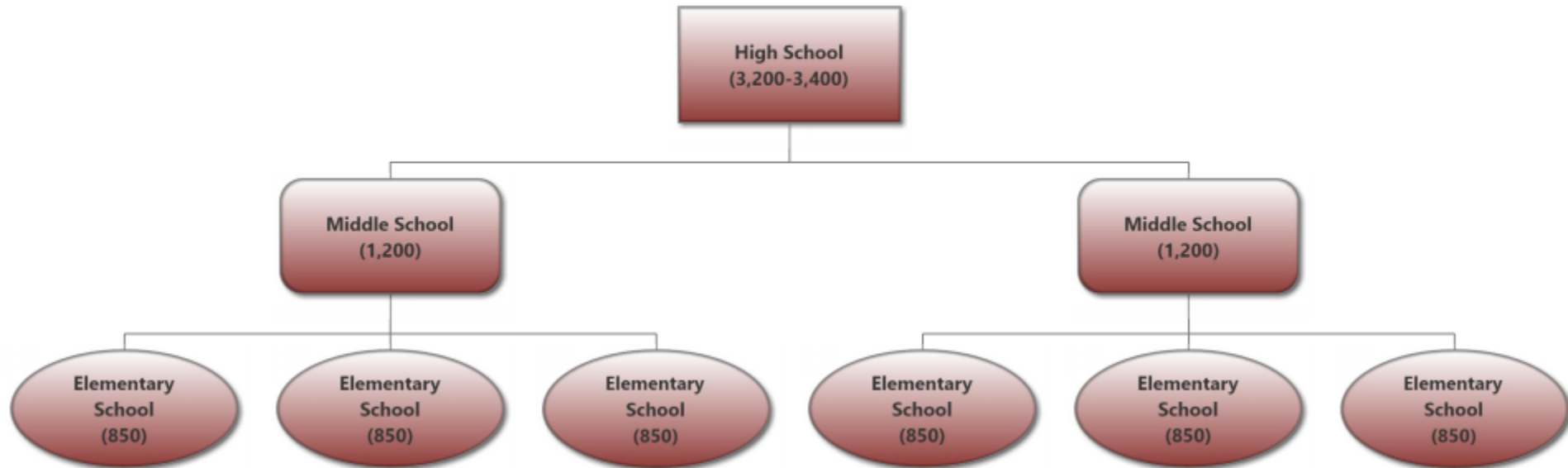
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Middle Schools		<i>New MS #6</i>			Medlin Expansion Tidwell Expansion		New MS #7

	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
High Schools			Bryon Nelson Expansion		VR Eaton Expansion		New HS #4

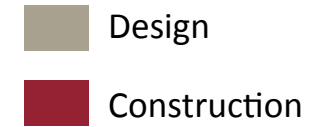
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Other Needs							



























Feeder Patterns

- Current Model
 - 6 Elementary Schools (850 capacity = 140 students/grade)
 - 2 Middle Schools (1200 capacity = 426 students/grade)
 - 1 High School (3,200 – 3,400 capacity = 850 students/grade)

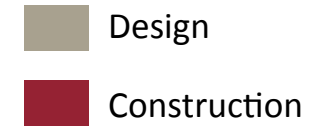


New Growth Option B



PROJECTS	2017	2018	2019	2020	2021	2022
Beck Elementary Classroom Addition		  Open Aug 2018				
Byron Nelson HS Expansion	  Open Aug 2019					
New Elementary School #19		  Open Aug 2019				
Elementary Expansion #1		  Open Aug 2019				
New Elementary School #20			  Open Aug 2020			
Elementary Expansion #2			  Open Aug 2020			
Elementary Replacement of Haslet		  Open Aug 2020				
New Elementary School #21				  Open Aug 2021		
Elementary Expansion #3				  Open Aug 2021		
Renovation of existing Haslet for Admin Annex				  Open Aug 2021		
Medlin MS Expansion				  Open Aug 2021		
Tidwell MS Expansion				  Open Aug 2021		
VR Eaton Expansion			  Open Aug 2021			
Land Acquisition						

New Growth Option B



PROJECTS	2017	2018	2019	2020	2021	2022
Beck Elementary Classroom Addition						\$5,116,626
Byron Nelson HS Expansion						\$58,668,855
New Elementary School #19						\$31,822,240
Elementary Expansion #1						\$5,442,499
New Elementary School #20						\$34,043,503
Elementary Expansion #2						\$5,822,397
Elementary Replacement of Haslet						\$34,043,503
New Elementary School #21						\$36,426,548
Elementary Expansion #3						\$6,229,965
Renovation of existing Haslet for Admin Annex						\$11,493,786
Medlin MS Expansion						\$2,819,029
Tidwell MS Expansion						\$2,819,029
VR Eaton Expansion						\$22,318,308
Land Acquisition						\$20,000,000

Total:
\$277,066,288

Comparison

CATEGORY	PROJECTS	PROJECT RATING TOTAL	PROJECT BUDGET	NOTES	OPTION A ACCUMULATING SUBTOTAL	OPTION B ACCUMULATING SUBTOTAL	
1	GROWTH	Beck Elementary Classroom Addition	✓	\$5,116,626		\$5,116,626	\$5,116,626
2	GROWTH	Byron Nelson HS Expansion	✓	\$58,668,855		\$63,785,481	\$63,785,481
3	GROWTH	New Elementary School #19 (Projected Need 2019-20)	✓	\$31,822,240		\$95,607,721	\$95,607,721
4	GROWTH	New Elementary School #20 (Projected Need 2019-20)	✓	\$31,822,240	Option B: Delay	\$127,429,961	
5	GROWTH	Elementary School Expansion #1 (Projected Need 2019-20)	✓	\$5,442,499		\$132,872,460	\$101,050,220
6	GROWTH	New Elementary School #21 (Projected Need 2020-21)	✓	\$34,043,503		\$166,915,963	\$135,093,723
7	GROWTH	Elementary School Expansion #2 (Projected Need 2020-21)	✓	\$5,822,397		\$172,738,360	\$140,916,120
8	GROWTH	Elementary Replacement of Haslet	✓	\$34,043,503		\$206,781,863	\$174,959,623
9	GROWTH	New Elementary School #22 (Projected Need 2021-22)	✓	\$36,426,548		\$243,208,411	\$211,386,171
10	GROWTH	Elementary School Expansion #3 (Projected Need 2021-22)	✓	\$6,229,965		\$249,438,376	\$217,616,136
11	GROWTH	Renovation of Existing Haslet for Admin Annex	✓	\$11,493,786		\$260,932,162	\$229,109,922
12	GROWTH	New Middle School #7 (Projected Need 2021-22)	✓	\$74,740,764	Option B: Delay	\$335,672,926	
13	GROWTH	New Comprehensive High School #4 (Projected Need 2021-22)	✓	\$198,548,899	Option B: Delay	\$534,221,825	
14	GROWTH	Land Acquisition for Future School Sites	✓	\$20,000,000		\$554,221,825	\$249,109,922
15	GROWTH OPTION B	Medlin MS Expansion		\$2,819,029			\$251,928,951
16	GROWTH OPTION B	Tidwell MS Expansion		\$2,819,029			\$254,747,980
17	GROWTH OPTION B	VR Eaton HS Expansion		\$22,318,308			\$277,066,288

Potential Projects by Rating

#	CATEGORY	PROJECTS	PROJECT RATING TOTAL	TOTAL PROJECT BUDGET	NOTES
19	CTE	Skills Lab for Certifications in Health Science	5.0	\$745,610	NHS only / BNHS in #2
20	CTE	Byron Nelson HS Ag Expansion, Culinary Expansion & Engineering Lab	5.0	Included in #2	
21	SAFETY & SECURITY	Entrance & Reception Area Improvements – approach camera, buzzer and video; uniform platform; reception area security enhancements	5.0	\$801,650	
22	SAFETY & SECURITY	Fencing at Elementary Campuses	5.0	\$1,151,694	
23	TECHNOLOGY	Technology Infrastructure & District Backbone – cabling, Wi-Fi, equipment closets, network operations	5.0	\$25,196,759	
24	DEFICIENCIES	Roof Replacement & Repairs	5.0	\$12,950,362	
25	DEFICIENCIES	Code Compliance (ADA Items)	5.0	\$2,561,850	
26	DEFICIENCIES	Replacement of Age Electrical, Mechanical & Plumbing Equipment	5.0	\$18,508,866	
27	DEFICIENCIES	Replace Aged Fire Alarms	5.0	\$2,942,448	
28	DEFICIENCIES	Water Intrusion & Damage (incl. window replacement, caulking, sealing, etc.)	5.0	\$3,589,546	

Potential Projects by Rating

#	CATEGORY	PROJECTS	PROJECT RATING TOTAL	TOTAL PROJECT BUDGET	NOTES
29	CTE	Technology & Infrastructure Upgrades for Labs	4.9	Included in #42	
30	SAFETY & SECURITY	Door Hardware Upgrades - with intruder function	4.9	\$1,067,845	
31	CTE	Northwest HS AMAT Upgrade & Ag Expansion	4.9	\$3,456,386	
32	CTE	Computer Certification Labs	4.8	\$843,222	NHS only / BNHS in #2
33	CTE	Ag Barn Expansion, New Addition & Upgrades	4.8	\$13,152,197	
34	CTE	Expand STEM at NHS	4.8	\$808,173	
35	SAFETY & SECURITY	Access Control Improvements & Intrusion Alarms – Automated lockdown with agency notification	4.8	\$4,007,060	
36	TECHNOLOGY	Student Device Refresh	4.8	\$8,000,000	
37	SAFETY & SECURITY	Security Cameras - additional coverage and replacements	4.8	\$2,138,900	
38	SAFETY & SECURITY	Updated Exterior Lighting	4.8	Energy Management Funded	

Potential Projects by Rating

#	CATEGORY	PROJECTS	PROJECT RATING TOTAL	TOTAL PROJECT BUDGET	NOTES
39	SAFETY & SECURITY	Intercom System & Phone System Improvements	4.7	\$4,786,000	
40	DISTRICT WIDE	Additional Pre-K Classrooms	4.6	Program Design Dependent	
41	TECHNOLOGY	Teacher & Staff Device Refresh	4.6	\$6,700,000	
42	TECHNOLOGY	Virtual Desktop Infrastructure Growth	4.6	\$2,250,000	
43	ATHLETICS	Second District Stadium	4.5	\$45,440,035	
44	DEFICIENCIES	Renovations/Aesthetic Upgrades to Campuses 25+ Years	4.5	Design Dependent	
45	FINE ARTS	BNHS & NHS Fine Arts Improvements – new large ensemble and practice rooms and new dance studio (BNHS), update lighting in PAC & Black Box	4.5	\$991,795	NHS only / BNHS in #2
46	TECHNOLOGY	Classroom Display Upgrades	4.4	\$2,600,000	
47	FINE ARTS	Middle School Fine Arts Improvements – Update stage areas, new large ensemble, practice and theater rooms, band and choir room updates	4.4	\$1,169,219	
48	FINE ARTS	District Performing Arts Center	4.3	\$26,215,405	

Potential Projects by Rating

#	CATEGORY	PROJECTS	PROJECT RATING TOTAL	TOTAL PROJECT BUDGET	NOTES
49	DEFICIENCIES	Replacement of Aged Kitchen Equipment	4.3	\$1,156,200	
50	DEFICIENCIES	Driveway, Curb, and Paving Repair	4.2	\$343,580	
51	DISTRICT WIDE	District Wide Collaborative Areas	4.2	Program Design Dependent	
52	ATHLETICS	Outdoor Fieldhouse at BNHS & NHS	4.2	\$4,473,811	NHS only / BNHS in #2
53	DEFICIENCIES	Replace Aged Flooring	4.0	\$10,008,016	
54	ATHLETICS	NISD Special Events Center	4.0	\$32,623,615	
55	ATHLETICS	District Aquatic Center	4.0	\$33,400,368	
56	FINE ARTS	Renovate Northwest HS PAC	3.6	\$2,635,000	
57	FINE ARTS	Upgrade Elementary Stage Sound Systems	3.6	\$943,798	
58	TECHNOLOGY	Docking/Charging Stations for NISD Devices	3.6	\$400,000	

Potential Projects by Rating

#	CATEGORY	PROJECTS	PROJECT RATING TOTAL	TOTAL PROJECT BUDGET	NOTES
59	FINE ARTS	Art Class Space & Furniture	3.6	Included in #60	
60	DISTRICT WIDE	District Wide Classroom Furniture Refresh	3.5	\$6,306,446	500 classrooms
61	ATHLETICS	Texan Stadium Bleachers and Press Box Replacement	3.4	\$666,686	
62	FINE ARTS	Uniforms for Band, Drill Team & Cheer (8 yr. cycle)	3.2	Funded through M&O	
63	ATHLETICS	Ticket booths	3.1	\$275,117	
64	TECHNOLOGY	Bus Wi-Fi – Anytime anywhere access	2.4	\$980,000	

Group Discussion

Schedule

LRPC MEETINGS:

- Meeting 1: Tuesday, October 11, 6:00 p.m.
- Meeting 2: Tuesday, October 25, 6:00 p.m.
- Meeting 3: Tuesday, November 8, 6:00 p.m.
- Meeting 4: Tuesday, November 15, 6:00 p.m.
- Meeting 5: Tuesday, November 29, 6:00 p.m.
- Meeting 6: Tuesday, December 13, 6:00 p.m.
- Meeting 7: Tuesday, January 10, 6:00 p.m.
- Meeting 8: Tuesday, January 17, 6:00 p.m.

Meetings to last approximately 1½ – 2 hours and be held at the PDC in the Administration Building, unless communicated otherwise.

Recommendations to the Board of Trustees: Monday, January 23, 2017

Deadline to call bond election for May 2017: Friday, February 17, 2017

Next Meeting

Meeting 8

- Reaching Consensus; Finalizing Recommendations
- Discuss Presentation to the Board (Select Spokespersons)
- Discuss Next Steps

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