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Introduction

In accordance with Minnesota Statute 123B.71, the School Board submits the following information to the Commissioner of Education for permission to proceed. The information is organized in a manner to address six review and comment questions from Minnesota Statute 123B.71 subd. 9.

Basic Information

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Project Overview

The District; following a narrow margin defeat in the May 24, 2016 Bond Referendum, took important steps to listen to the community and update demographic enrollment numbers and projections.

A Community Survey was conducted by School Perceptions in late Jan and early Feb 2017 and the information was compiled, analyzed and shared with the school board as well as the 2017 Community Task Force on Facilities (May 25).

The demographic enrollment was updated to school year 16/17 Oct. 1 numbers and TeamWorks International updated the enrollment projections for the next 5 years. The information was analyzed and shared with the school board and then the 2017 Community Task Force on Facilities (May 25).

The school board authorized formation of the 2017 Community Task Force on Facilities was comprised of over 25 members. The purpose of the Task Force was to review the findings of the community survey, review the updated enrollment projections and analyze them in context with strengths and weaknesses of the recent referendum proposal. Their goal was to identify any key messages for the District to develop future decisions to better support and accommodate the learning environments for all Tri-City United students

The following are the 2017 Task Force meetings:

Meeting #1 (May 25): The first meeting was an opportunity for the members to get acquainted with one another. The group received presentations from representatives from School Perceptions related to the results of the Community Survey and TeamWorks International related to the Enrollment projection updates. Both presentations involved opportunity for taskforce questions and answers. The taskforce was then updated on the current grade level and enrollment capacities for all the school facilities. In small groups, the Task Force looked at what they perceived to be the current proposal (basis of the May 2016 Bond Referendum) strengths, weaknesses, opportunities and threats (SWOT); qualities that would assist them revisit / refine their planning.

Meeting #2 (June 6): Cost adjustments (construction inflation) and impact to the current proposal were reviewed. Planning priorities were considered based on the community survey results and SWOT summary. Design possibilities focused on Confirmation, Refinement and necessary Changes.

Meeting #3 (June 12): The Committee was informed of Legislative changes related to School Readiness programming, Election Date options, and Ag Land Tax credit impacts. Based on what the Task Force had learned, they developed 3 levels of approaches; Level 1 - Baseline approach (the minimum needed), Level 2 – Medium approach, Level 3 – Maximum (which the Community might support) to arrive at their final recommendation.

This process resulted in unanimous task force support of a baseline approach with two questions (Note * the task force recommended less than \$14M and the school Board added the classroom for growth):

QUESTION 1 (accommodation of enrollment growth / facility maintenance):

Total amount of the Bond Request (Construction / project / bond costs): \$14,285,000*

QUESTION 2 (TCU HS auditorium / athletic support / flex classrooms):

Total amount of the Bond Request (Construction / project / bond costs): \$ 7,835,000

It was by direction of the School Board that Question 1 must pass in order for Question 2 to pass.

Previously - The 2015 Community Task Force on Facilities was comprised of over 50 members. The purpose of the Task Force was to engage the community in a valuable discussion regarding the facility needs in the District. The Task Force process offered an opportunity to share the data and facts relating to how the facilities are used. It also provided an opportunity to explore options to address the District's facility needs. The Task Force evaluated and sorted through the options, built consensus, and made an informed recommendation of the final option to the TCU School Board.

The following are the 2015 Task Force meetings:

Meeting #1 (June 24, 2015): The first meeting was an opportunity for the members to get acquainted with one another. The group worked together to discuss and establish the expectations for itself. These expectations were then posted at all of the following meetings as a reminder. In small groups, the Task Force looked at what they perceived to be school/community strengths, weaknesses, opportunities and threats (SWOT); qualities that would assist them in their efforts to move forward in planning facilities.

Meeting #2 (July 15, 2015): The Task Force toured the District facilities with the purpose of seeing, listening and experiencing the strengths and opportunities. They were given binders that included the building floor plans to help better understand the buildings.

Meeting #3 (July 22, 2015): ATS&R presented the G.E.M.S. (Gather information, Evaluate the data, Model the findings and Share information) analysis of the District facilities. This analysis was used to determine the current capacity of each facility. The demographics presentation was shared by TeamWorks, Inc. showing the enrollment projections throughout the district and by facility.

Meeting #4 (Aug 12, 2015): The Task Force was split up into eight small groups in the last meeting. The small groups discussed and recorded what they saw and heard from the Meeting #2 tours. The groups outlined the strengths and opportunities that they witnessed at each building. They explored new directions for learning in facility design. ATS&R presented a background in PreK-12 education, what are the factors that support student engagement, and examples were shared that show the implementation of these ideas.

Meeting #5 (Aug 26, 2015): Options were developed by the task force to address the district needs as well as a list of Core Foundations and Idea Themes that the final option would need to represent.

Meeting #6 (Sept 16, 2015): ATS&R shared the capacity-fit and Baird summarized the tax impact for each of the options prepared. The options were also weighed against the Core Foundations and Idea Themes prepared by the Task Force. The Task Force was asked to identify the most "supportable" options. The list of options was narrowed from twenty-six options to ten.

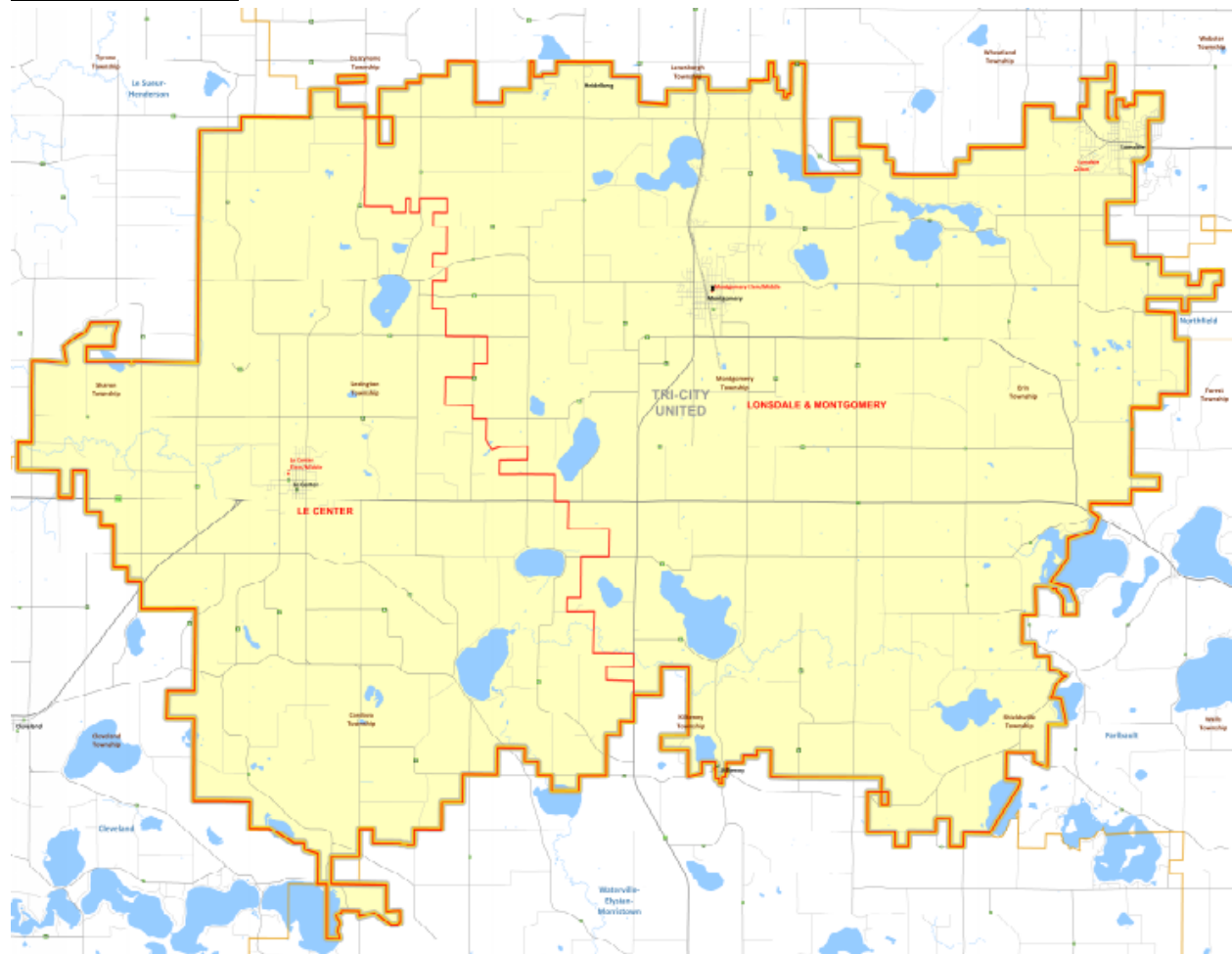
Meeting #7 (Sept 30, 2015): The final ten options were evaluated one more time by the Task Force. Options were narrowed down, consensus was built, and the recommendation was drafted for presentation to the School Board.

1. Geographic Area and Student Population

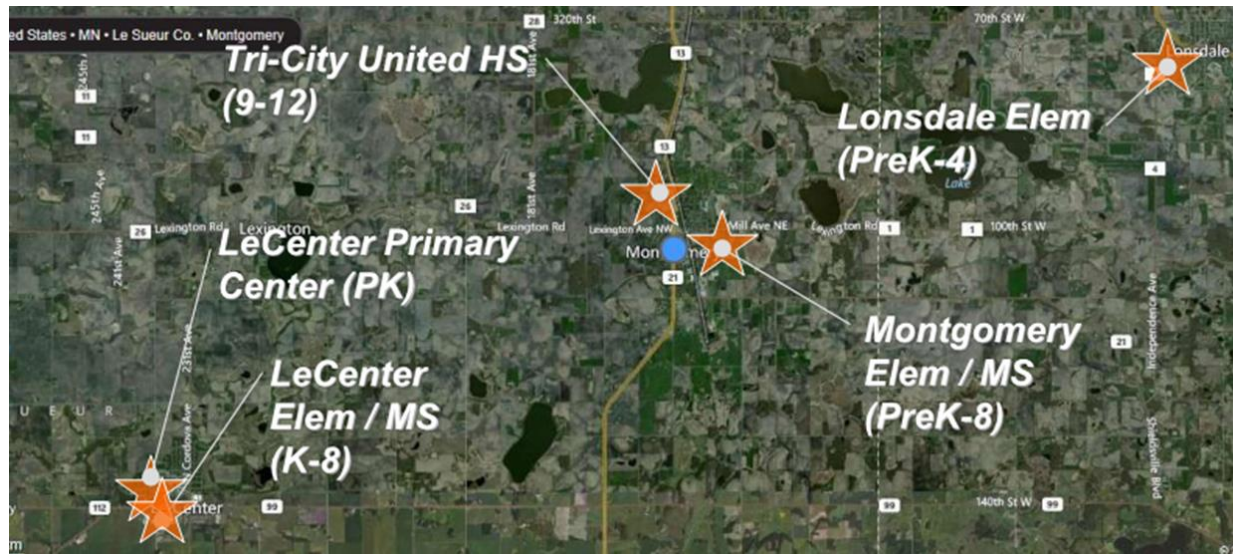
Geographic area and population to be served, preschool through grade 12 student enrollments for the past five years, and student enrollment projections for the next five years.

The Independent School District 2905 is located in the south-southwest quadrant of the metro area, approximately 50 miles south-southwest of Minneapolis. The District has an enrollment of approximately 2,065 students in grades PreK-12. The geographic size of the District spans approximately 221 square miles. See district map included below. The students served by the district reside in three (3) major population centers within the District's service area including the communities of Montgomery, Lonsdale, and LeCenter.

School District Map



Schools Locations



The School District has experienced stable growth in its enrollment over the past several years. This can be seen in the enrollment table below.

School District Enrollment Table (5-year history / current / 5-year projection)

Fiscal Year	Requested Student Enrollment (Pre-K – 12) Data
2011	1,742*
2012	1,815*
2013	1,884
2014	1,940
2015	1,997
2016	1,987
2017	2,065
2018 (current School Year)	2,052
2019	2,132
2020	2,086
2021	2,089
2022	2,104

*

Indicates combined student enrollment from previous ISD 392 and ISD 394 prior to consolidation to become ISD 2905 and reflect K-12.

2. Existing Facilities

A list of existing school facilities by year constructed, their uses, and an assessment of the extent to which alternative facilities are available within the school district boundaries and in adjacent school districts.

Independent School District 2905 owns and provides educational programming within five (5) school facilities. The following is a list of the additions and square footages:

Tri-City United High School (Site: 37.4 acres)	Grades 9-12	Original: 1993 Addition: 2012 Addition: 2013	44,700 sq.ft. 65,982 sq. ft. <u>2,500 sq.ft.</u> 113,182 sq.ft.
TCU Montgomery Elementary-Middle School (Site: 18.11 acres)	Grades PreK-6 / 7-8	Original: 1935 Addition: 1953 Addition: 1961 Addition: 1968 Addition: 1980 Addition: 1982 Addition: 1993 Addition: 2012	25,337 sq.ft. 6,000 sq. ft. 28,200 sq.ft. 36,300 sq.ft. 10,500 sq.ft. 42,400 sq.ft. 15,950 sq.ft. <u>1,320 sq.ft.</u> 166,007 sq.ft.
TCU LeCenter Elementary-Middle School (Site: 25.25 acres with Primary Center)	Grades PreK-6 / 7-8	Original: 1936 Addition: 1954 Addition: 1961 Addition: 1971 Addition: 1998	12,547 sq.ft. 4,921 sq. ft. 42,924 sq.ft. 33,889 sq.ft. <u>55,000 sq.ft.</u> 149,281 sq.ft.
TCU Lonsdale Elementary School (Site: 20.33 acres)	Grades PreK – 4	Original: 2006 Addition: 2013	55,900 sq.ft. <u>3,777 sq. ft.</u> 59,677 sq.ft.
TCU LeCenter Primary Center (Site: 25.25 acres with TCU LeCenter Elem-Middle School)	PreK	Original: 1971 Addition: 1971	35,899 sq.ft. <u>1,724 sq.ft.</u> 37,623 sq.ft.

The District has confirmed that other alternative facilities are not available within the school district boundaries. No other viable facilities are available for ISD 2905 to use in adjacent school districts.

3. Anticipated Need for Facilities

A list of the specific deficiencies of the facility that demonstrates the need for a new and/or renovated facility to be provided, the process used to determine the deficiencies, a list of those deficiencies that will and will not be addressed by the proposed project, and a list of the specific benefits that the new and/or renovated facility will provide to the students, teachers, and community users served by the facility.

The School District struggles with providing enough appropriate space for its programs, and major repairs and mechanical system updates needed at the older facilities. The District is also experiencing enrollment growth, and through their recent demographics study enrollment is expected to increase in the future.

During the spring of 2017, the District asked for the community's input to consider the prior referendum proposal with additional community survey input and updated demographic consideration to refine, confirm or change the approach on how best to address the growing enrollments and building over-capacities in the District and to provide a recommendation for a long range facility plan. After three meetings from May 25 to June 12, the TCU School District 2017 Community Task Force of over 25 members came to consensus on a recommendation that was presented to the School Board on June 26, 2017. The Task Force included business owners, representatives from the agriculture community, students, TCU staff representatives and administration, parents, community members without children currently attending school, and members of the School Board Facilities Committee. The Board agreed with the findings of the TCU Community Task Force on Facilities. After further review, analysis and refinement of the recommendation on July 10, 2017 the School Board took action to move forward with preparation of the necessary documents. The School Board then took action on September 11, 2017, to prepare for a bond referendum on February 13, 2018.

The deficiencies are as follows:

- TCU Lonsdale Elementary School:
 - o Address enrollment growth at this school for kindergarten/elementary and PreK, Early Childhood (which currently utilize the Music room and computer lab).
- TCU LeCenter Elementary-Middle School:
 - o Lack of security entrance to ensure controlled public access to building.
 - o Inadequate and inefficient space for nurse and student health support facilities.
 - o Address the deferred maintenance need of heating/cooling mechanical systems for the student classroom areas.
 - o Address the need for major roof repair at TCU LeCenter K-8 School.

- TCU Montgomery Elementary-Middle School:
 - o Overcrowding at TCU Montgomery PreK-8: The building capacity is for approximately 653 students. It currently has an enrollment of 693 in grades K-8 with a projected enrollment of 711 (K-8 only) in 5 years.
 - o Lack of security entrance for PreK programming to ensure controlled public access to the building.
- TCU High School:
 - o Overcrowding at the TCU High School: The building capacity is for approximately 490 students. It currently has an enrollment of 551 with a projected enrollment of 671 in 5 years.
 - o There is minimal program space for Agriculture / Tech program learning as well as multi-use fine arts functions at TCU High School, inclusive of appropriately sized Ag/Tech Shop teaching space and outside learning support, instructional space and dressing room locations for arts productions and physical education/athletics events.

The project addresses the following needs identified above:

- TCU Lonsdale Elementary School:
 - o To address overcrowding at TCU Montgomery Elementary-Middle School, the solution is to add 5 additional classrooms which will allow students in grades 5 and 6 to remain at TCU Lonsdale.
 - o To address the early childhood enrollment growth in this area, the solution is to add 3 primary grade classrooms, which will allow the originally building Music and Project Labs to be returned to their original use.
- TCU LeCenter Elementary-Middle School:
 - o Renovating the entrance at TCU LeCenter School to ensure safe/secure structures and space.
 - o Renovate the nurse and health facilities as well as student and administrative services to better serve students.
 - o Provide deferred maintenance work for heating/cooling mechanical systems
 - o Provide major roof repair at TCU LeCenter K-8 School.
- TCU Montgomery Elementary-Middle School:
 - o To address overcrowding, the solution is to add 5 additional classrooms at TCU Lonsdale allowing students in grades 5 and 6 to remain at TCU Lonsdale (referenced above), and to renovate the lower level of TCU Montgomery School for additional Early Childhood classroom space.
 - o Providing a secured entry for PreK (Early Childhood).
- TCU High School:

- To address overcrowding, the solution is to add 8 classrooms, 7 additional classrooms plus 1 classroom that replaces an existing classroom which is converted to student commons, and 2 lab spaces (1 Science Lab and 1 Ag/Tech Shop) to TCU High School.
- To address the lack of program space for fine arts and other events, the solution is to add a multi-use auditorium / fine arts center at TCU High School, and shared dressing room locations for fine arts productions and physical education/athletics events.

Other facilities maintenance items discussed by the Task Force and the District that are not achieved through this bond referendum may be funded by other means including the Long Term Facilities Maintenance Plan funding mechanism approved through a separate process.

The District takes these facilities decisions seriously and has involved many people in the process to identify needs and develop thoughtful plans on how to address them for the long term. This proposed bond referendum project will definitely address the above-noted space deficiencies for improving educational delivery to students and the community.

4. Project Description

Provide a description of the project, including the specification of site and outdoor space acreage and square footage allocations for classrooms, labs, and support spaces; estimated expenditures for the major portions of the project; and dates the project will begin and be completed.

The proposal submitted for MDE Review and Comment calls for the construction of additions to the existing buildings on land owned by the District as shown in the table below. This proposed project is a direct result of the community meetings and resulting community survey included earlier in this Review and Comment submittal.

The project descriptions are included in the following table:

Recommendation	Board - BOND Basis (Spring 2018) TASK FORCE Mtng 3 - 6-12-17 (BASE)	Total by Building
TCU Lonsdale		\$4,137,000
Keep 5th & 6th at TCU Lonsdale - 4 CR - 399 capacity(10 year 348 - 51 cushion)	\$1,996,000	
Keep 5th & 6th at TCU Lonsdale - 3 EC - x capacity (10 year x - x cushion)	\$1,712,000	
Additional Classroom for space needs at TCU Lonsdale for Growth	\$429,000	Add'l CR (opt.)
TCU LeCenter K-8		\$2,421,000
Renovate Main entry and portion of Admin area for secure controlled entry / corridor routing / access to student services	\$625,000	
Roof replacement/repair - F wing	\$521,000	
HVAC - 17 rooms (more economical initial cost system)	\$1,275,000	Verified by M.E.

TCU Montgomery PreK-8		\$1,194,000
(having 5th & 6th stay in Lonsdale creates 653 capacity with projected enrollment of 632 - 21 cushion)	\$0	
Renovate lower level for PreK and prepare for growth (capacity expands to 675 with a 43 cushion) - incl. Addition for secure controlled entry plus renovation of existing corridor and add toilet	\$1,194,000	
TCU High School - Classrooms - QUESTION 1		\$6,424,000
Expand HS to 675 capacity - add (8) CR - (1) Sci Lab - (7 classrooms required for capacity, plan replaces one existing which is converted to student commons)		
REQ'S (1) Additional Teaching Station	\$5,034,000	
Additional Teaching Station: (1) Ag / Tech Shop	\$1,329,000	
Exterior Flexible Learning space (associated with Ag/Tech) - Drainage / Hard surface for 30 students / masterplan to allow for increased student use / planting beds / agriculture elements	\$61,000	Baseline for group activity / supports future development

QUESTION 1 – TOTAL project cost (excluding bond costs) \$14,176,000

Recommendation	Board - BOND Basis (Spring 2018) TASK FORCE Mtng 3 - 6-12-17 (BASE)	Total by Building
TCU High School - Auditorium - QUESTION 2		
Multi-use Auditorium / Fine arts center with 700 seats, support areas, public restrooms, including flexible locker rooms for PE / Athletics		\$7,779,000
Auditorium A - 700 seats (parking for +150)	\$7,779,000	Question 2

QUESTION 2 – TOTAL project cost (excluding bond costs) \$ 7,779,000

The project as approved by the Board, calls for additions and alterations at a construction project cost not to exceed a total amount of \$14,285,000 for QUESTION 1 and \$ 7,835,000 for QUESTION 2 of the bond referendum.

Question 1 must pass in order for Question 2 to pass.

A breakdown of these costs can be found below (All cost details are for Question 1 unless noted as Question 2):

ATS&R Planners, Architects, Engineers

Tri-City United - Lonsdale Elem School - Addition (4 + 1) Classroom + (3) Kindergarten OPT E.1b2

Statement of Probable Project Costs

12/5/15	6/27/17	9/5/17	9/15/17	BID DATE	Jul, 2018	
Construction Costs						
				11,600 sf	255.34	2,962,000
				- sf		0
						0
					17.59	204,000
Construction Subtotal					3,166,000	
Other Costs						
						452,000
					6%	193,000
					4%	129,000
					5%	197,000
Other Cost Subtotal					971,000	1.31
Total Project Costs					-	4,137,000
Other Factors to Consider:						
Hazardous Material Clean-up Costs						
Legal / Interest Costs, and Special Construction Services						

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ATS&R Planners, Architects, Engineers

Tri-City United - LeCenter Elem School - Alterations / Deferred Maint OPT E.1b1

Statement of Probable Project Costs

12/5/15	10/18/16	6/27/17	9/5/17	BID DATE	Nov, 2018	
Construction Costs						
Construction - Addition			- sf			0
Alterations / Upgrades			4,000 sf	121.25		485,000
Deferred Maintenance - Roofing						404,000
Deferred Maintenance - HVAC						990,000
Site Development						0
Construction Subtotal					1,879,000	
Other Costs						
Services / Fees / Testing / Permits						228,000
Furniture Fixtures Equipment				3%		56,000
Technology (Infra structure / Equipment)				2%		38,000
Contingency				10%		220,000
Other Cost Subtotal					542,000	1.29
Total Project Costs					-	2,421,000
Other Factors to Consider:						
Hazardous Material Clean-up Costs						
Legal / Interest Costs, and Special Construction Services						

ATS&R Planners, Architects, Engineers

Tri-City United - Montgomery Elem School - Alterations / Deferred Maint OPT E.1b1 (MIN)

Statement of Probable Project Costs

12/5/15	10/18/16	11/2/16	6/27/17	9/5/17	BID DATE	Jun, 2018	
Construction Costs							
Construction - Addition			1,000 sf	247.00			247,000
Alterations / Upgrades			4,200 sf	115.71			486,000
Deferred Maintenance - Roofing							0
Deferred Maintenance - HVAC							0
Site Development							129,000
Construction Subtotal						862,000	
Other Costs							
Services / Fees / Testing / Permits							119,000
Furniture Fixtures Equipment				8%			69,000
Technology (Infra structure / Equipment)				4%			35,000
Contingency				10%			109,000
Other Cost Subtotal						332,000	1.39
Total Project Costs						-	1,194,000
Other Factors to Consider:							
Hazardous Material Clean-up Costs							
Legal / Interest Costs, and Special Construction Services							

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ATS&R Planners, Architects, Engineers

Tri-City United - TCU High School - Addition (5 + 2) Classroom + (1) Science + (1) Ag Tech OPT E.1b1 - QUESTION 1

Statement of Probable Project Costs

12/5/15	10/18/16	11/2/16	6/12/17	9/5/17	BID DATE	Aug, 2018	
Construction Costs							
Construction - Addition			16,260	sf	260.15	4,230,000	
Alterations / Upgrades			1,100	sf		145,000	
Deferred Maintenance						0	
Site Development						522,000	
Construction Subtotal						4,897,000	
Other Costs							
Services / Fees / Testing / Permits						766,000	
Furniture Fixtures Equipment					5%	253,000	
Technology (Infra structure / Equipment)					4%	202,000	
Contingency					5%	306,000	
Other Cost Subtotal						1,527,000	1.31
Total Project Costs						-	6,424,000
Other Factors to Consider:							
Hazardous Material Clean-up Costs							
Legal / Interest Costs, and Special Construction Services							

ATS&R Planners, Architects, Engineers

Tri-City United - TCU High School - Addition (700) Auditorium - QUESTION 2

Statement of Probable Project Costs

12/5/15	10/18/16	11/2/16	6/12/17	BID DATE	Aug, 2018	
Construction Costs						
Construction - Addition			16,214	sf	310.60	5,036,000
Alterations / Upgrades			-	sf		0
Deferred Maintenance						0
Site Development						988,000
Construction Subtotal						6,024,000
Other Costs						
Services / Fees / Testing / Permits						834,000
Furniture Fixtures Equipment					5%	306,000
Technology (Infra structure / Equipment)					4%	245,000
Contingency					5%	370,000
Other Cost Subtotal						1,755,000
Total Project Costs						-
						7,779,000
Other Factors to Consider:						
Hazardous Material Clean-up Costs						
Legal / Interest Costs, and Special Construction Services						

A preliminary project schedule is shown below:

Submittal of Review and Comment to MDE	October 2017
Inform/Educate Public	December - Feb 2018
Public Vote	Feb 13, 2018

TCU Lonsdale Elementary School

Design Phase of the Project	Feb - June 2018
Bidding and Award	June, July 2018
Construction	August 2018 - June 2019
Occupancy	June 2019

TCU LeCenter K-8 School

Design Phase of the Project	Feb - October 2018
Bidding and Award	May 2018 (roof) /November 2018
Construction	July 2018 (roof) / April -Aug 2019
Occupancy	August 2019

TCU Montgomery PreK-8 School

Design Phase of the Project	Feb - May 2018
Bidding and Award	June 2018
Construction	July –December 2018
Occupancy	December 2018

TCU High School

Design Phase of the Project	Feb - July 2018
Bidding and Award	June - August 2018
Construction	Sep 2018 - August 2019
Occupancy	August 2019

5. Financial Impact Statement

Specify the sources of financing the project, including applicable statutory citations; the scheduled date for a bond issue or school board action; a schedule of payments, including debt service equalization aid; and the effect of a bond issue on local property taxes by the property class and valuation.

ISD 2905 - Tri-City United Public Schools intends to ask voters to authorize a two question school building bond request for a referendum to be held Tuesday, February 13, 2018. Voter approved bonds will provide the source of the financing authorized under Minnesota Statutes section 123B.02 and 475 to pay for the project improvements along with the costs of issuing the debt. The School Board upon receiving voter approval intends to issue this debt in the summer of 2018. Under the current formula, the bonds will qualify for debt equalization and the schedule is included in the information on the following pages of this section. Based on the requested data per Minnesota Statute, the District has included the following information for review by MDE which includes: 1) Sources and Uses of the Bonds; 2) Bond Structure and Statistics; 3) Net Debt with Existing Debt; 4) Estimated State Debt Service Equalization Aid Calculation and; 5) Estimated Tax Impact for the remainder of Section 5 of the response.

1) Sources and Uses of the Bonds

Question #1

Sources & Uses	
Dated 06/25/2018 Delivered 06/25/2018	
Sources Of Funds	
Par Amount of Bonds	\$14,285,000.00
Reoffering Premium	503,912.55
Total Sources	\$14,788,912.55
Uses Of Funds	
Total Underwriter's Discount (1.250%)	178,562.50
Costs of Issuance	47,850.00
Deposit to Capitalized Interest (CIF) Fund	382,515.00
Deposit to Project Construction Fund	14,176,000.00
Rounding Amount	3,985.05
Total Uses	\$14,788,912.55

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Question #2*

Sources & Uses	
Dated 06/25/2018 Delivered 06/25/2018	
Sources Of Funds	
Par Amount of Bonds	\$7,835,000.00
Reoffering Premium	256,178.95
Total Sources	\$8,091,178.95
Uses Of Funds	
Total Underwriter's Discount (1.250%)	97,937.50
Costs of Issuance	7,000.00
Deposit to Capitalized Interest (CIF) Fund	203,233.50
Deposit to Project Construction Fund	7,779,000.00
Rounding Amount	4,007.95
Total Uses	\$8,091,178.95

*Costs of issuance for question 2 are an incremental increase above the costs of issuance in question 1.

2) Debt Structure and Statistics

Question #1

Debt Service Schedule				
Date	Principal	Coupon	Interest	Total P+I
02/01/2019	-	-	382,515.00	382,515.00
02/01/2020	75,000.00	3.250%	637,525.00	712,525.00
02/01/2021	65,000.00	3.250%	635,087.50	700,087.50
02/01/2022	210,000.00	3.250%	632,975.00	842,975.00
02/01/2023	200,000.00	3.500%	626,150.00	826,150.00
02/01/2024	200,000.00	3.500%	619,150.00	819,150.00
02/01/2025	195,000.00	3.500%	612,150.00	807,150.00
02/01/2026	495,000.00	3.750%	605,325.00	1,100,325.00
02/01/2027	465,000.00	3.850%	586,762.50	1,051,762.50
02/01/2028	470,000.00	3.900%	568,860.00	1,038,860.00
02/01/2029	495,000.00	3.900%	550,530.00	1,045,530.00
02/01/2030	515,000.00	4.000%	531,225.00	1,046,225.00
02/01/2031	530,000.00	4.250%	510,625.00	1,040,625.00
02/01/2032	555,000.00	4.250%	488,100.00	1,043,100.00
02/01/2033	575,000.00	4.250%	464,512.50	1,039,512.50
02/01/2034	600,000.00	4.350%	440,075.00	1,040,075.00
02/01/2035	625,000.00	4.400%	413,975.00	1,038,975.00
02/01/2036	1,880,000.00	4.500%	386,475.00	2,266,475.00
02/01/2037	1,950,000.00	4.750%	301,875.00	2,251,875.00
02/01/2038	2,045,000.00	5.000%	209,250.00	2,254,250.00
02/01/2039	2,140,000.00	5.000%	107,000.00	2,247,000.00
Total	\$14,285,000.00	-	\$10,310,142.50	\$24,595,142.50
Yield Statistics				
Bond Year Dollars	\$223,746.00			
Average Life	15.663 Years			
Average Coupon	4.6079673%			
Net Interest Cost (NIC)	4.4625569%			
True Interest Cost (TIC)	4.3707939%			
Bond Yield for Arbitrage Purposes	4.0154757%			
All Inclusive Cost (AIC)	4.4006984%			

Question #2

Debt Service Schedule				
Date	Principal	Coupon	Interest	Total P+I
02/01/2019	-	-	203,233.50	203,233.50
02/01/2020	50,000.00	3.250%	338,722.50	388,722.50
02/01/2021	50,000.00	3.250%	337,097.50	387,097.50
02/01/2022	55,000.00	3.250%	335,472.50	390,472.50
02/01/2023	55,000.00	3.500%	333,685.00	388,685.00
02/01/2024	65,000.00	3.500%	331,760.00	396,760.00
02/01/2025	70,000.00	3.500%	329,485.00	399,485.00
02/01/2026	380,000.00	3.750%	327,035.00	707,035.00
02/01/2027	395,000.00	3.850%	312,785.00	707,785.00
02/01/2028	445,000.00	3.900%	297,577.50	742,577.50
02/01/2029	460,000.00	3.900%	280,222.50	740,222.50
02/01/2030	475,000.00	4.000%	262,282.50	737,282.50
02/01/2031	495,000.00	4.250%	243,282.50	738,282.50
02/01/2032	515,000.00	4.250%	222,245.00	737,245.00
02/01/2033	540,000.00	4.250%	200,357.50	740,357.50
02/01/2034	560,000.00	4.350%	177,407.50	737,407.50
02/01/2035	590,000.00	4.400%	153,047.50	743,047.50
02/01/2036	610,000.00	4.500%	127,087.50	737,087.50
02/01/2037	645,000.00	4.750%	99,637.50	744,637.50
02/01/2038	670,000.00	5.000%	69,000.00	739,000.00
02/01/2039	710,000.00	5.000%	35,500.00	745,500.00
Total	\$7,835,000.00	-	\$5,016,923.50	\$12,851,923.50
Yield Statistics				
Bond Year Dollars	\$112,576.00			
Average Life	14.368 Years			
Average Coupon	4.4564770%			
Net Interest Cost (NIC)	4.3159128%			
True Interest Cost (TIC)	4.2332891%			
Bond Yield for Arbitrage Purposes	3.9357394%			
All Inclusive Cost (AIC)	4.2416789%			

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3) Net Debt with Existing Debt

The District's new net debt based on issuing this voter requested School Building Bond approval along with existing general obligation debt is shown below:

Question #1

Net Debt Service Schedule							Estimated Portions		
Date	Principal	Coupon	Interest	Total P+I	CIF	Existing D/S	392 Portion Only	394 Portion Only	Net New D/S
02/01/2019	-	-	382,515.00	382,515.00	(382,515.00)	3,270,442.50	661,087.25	2,609,355.25	3,270,442.50
02/01/2020	75,000.00	3.250%	637,525.00	712,525.00	-	3,294,142.50	665,877.96	2,628,264.54	4,006,667.50
02/01/2021	65,000.00	3.250%	635,087.50	700,087.50	-	3,305,842.50	668,243.00	2,637,599.50	4,005,930.00
02/01/2022	210,000.00	3.250%	632,975.00	842,975.00	-	3,163,242.50	639,417.84	2,523,824.66	4,006,217.50
02/01/2023	200,000.00	3.500%	626,150.00	826,150.00	-	3,178,342.50	642,470.15	2,535,872.35	4,004,492.50
02/01/2024	200,000.00	3.500%	619,150.00	819,150.00	-	3,188,942.50	644,612.84	2,544,329.66	4,008,092.50
02/01/2025	195,000.00	3.500%	612,150.00	807,150.00	-	3,196,692.50	646,179.42	2,550,513.08	4,003,842.50
02/01/2026	495,000.00	3.750%	605,325.00	1,100,325.00	-	2,198,892.50	444,484.13	1,754,408.37	3,299,217.50
02/01/2027	465,000.00	3.850%	586,762.50	1,051,762.50	-	2,245,392.50	453,883.64	1,791,508.86	3,297,155.00
02/01/2028	470,000.00	3.900%	568,860.00	1,038,860.00	-	1,223,267.50	247,271.29	975,996.21	2,262,127.50
02/01/2029	495,000.00	3.900%	550,530.00	1,045,530.00	-	1,219,617.50	246,533.48	973,084.02	2,265,147.50
02/01/2030	515,000.00	4.000%	531,225.00	1,046,225.00	-	1,220,217.50	246,654.77	973,562.73	2,266,442.50
02/01/2031	530,000.00	4.250%	510,625.00	1,040,625.00	-	1,224,917.50	247,604.82	977,312.68	2,265,542.50
02/01/2032	555,000.00	4.250%	488,100.00	1,043,100.00	-	1,223,567.50	247,331.93	976,235.57	2,266,667.50
02/01/2033	575,000.00	4.250%	464,512.50	1,039,512.50	-	1,223,092.50	247,235.92	975,856.58	2,262,605.00
02/01/2034	600,000.00	4.350%	440,075.00	1,040,075.00	-	1,226,462.50	247,917.13	978,545.37	2,266,537.50
02/01/2035	625,000.00	4.400%	413,975.00	1,038,975.00	-	1,223,512.50	247,320.82	976,191.68	2,262,487.50
02/01/2036	1,880,000.00	4.500%	386,475.00	2,266,475.00	-	-	-	-	2,266,475.00
02/01/2037	1,950,000.00	4.750%	301,875.00	2,251,875.00	-	-	-	-	2,251,875.00
02/01/2038	2,045,000.00	5.000%	209,250.00	2,254,250.00	-	-	-	-	2,254,250.00
02/01/2039	2,140,000.00	5.000%	107,000.00	2,247,000.00	-	-	-	-	2,247,000.00
Total	\$14,285,000.00	-	\$10,310,142.50	\$24,595,142.50	(382,515.00)	\$36,826,587.50	\$7,444,126.40	\$29,382,461.10	\$61,039,215.00

Question #2

Net Debt Service Schedule							Estimated Portions			
Date	Principal	Coupon	Interest	Total P+I	CIF	Existing D/S	392 Portion Only	394 Portion Only	Est. New D/S from Q1	Net New D/S
02/01/2019	-	-	203,233.50	203,233.50	(203,233.50)	3,270,442.50	661,087.25	2,609,355.25	-	3,270,442.50
02/01/2020	50,000.00	3.250%	338,722.50	388,722.50	-	4,006,667.50	665,877.96	2,628,264.54	712,525.00	4,395,390.00
02/01/2021	50,000.00	3.250%	337,097.50	387,097.50	-	4,005,930.00	668,243.00	2,637,599.50	700,087.50	4,393,027.50
02/01/2022	55,000.00	3.250%	335,472.50	390,472.50	-	4,006,217.50	639,417.84	2,523,824.66	842,975.00	4,396,690.00
02/01/2023	55,000.00	3.500%	333,685.00	388,685.00	-	4,004,492.50	642,470.15	2,535,872.35	826,150.00	4,393,177.50
02/01/2024	65,000.00	3.500%	331,760.00	396,760.00	-	4,008,092.50	644,612.84	2,544,329.66	819,150.00	4,404,852.50
02/01/2025	70,000.00	3.500%	329,485.00	399,485.00	-	4,003,842.50	646,179.42	2,550,513.08	807,150.00	4,403,327.50
02/01/2026	380,000.00	3.750%	327,035.00	707,035.00	-	3,299,217.50	444,484.13	1,754,408.37	1,100,325.00	4,006,252.50
02/01/2027	395,000.00	3.850%	312,785.00	707,785.00	-	3,297,155.00	453,883.64	1,791,508.86	1,051,762.50	4,004,940.00
02/01/2028	445,000.00	3.900%	297,577.50	742,577.50	-	2,262,127.50	247,271.29	975,996.21	1,038,860.00	3,004,705.00
02/01/2029	460,000.00	3.900%	280,222.50	740,222.50	-	2,265,147.50	246,533.48	973,084.02	1,045,530.00	3,005,370.00
02/01/2030	475,000.00	4.000%	262,282.50	737,282.50	-	2,266,442.50	246,654.77	973,562.73	1,046,225.00	3,003,725.00
02/01/2031	495,000.00	4.250%	243,282.50	738,282.50	-	2,265,542.50	247,604.82	977,312.68	1,040,625.00	3,003,825.00
02/01/2032	515,000.00	4.250%	222,245.00	737,245.00	-	2,266,667.50	247,331.93	976,235.57	1,043,100.00	3,003,912.50
02/01/2033	540,000.00	4.250%	200,357.50	740,357.50	-	2,262,605.00	247,235.92	975,856.58	1,039,512.50	3,002,962.50
02/01/2034	560,000.00	4.350%	177,407.50	737,407.50	-	2,266,537.50	247,917.13	978,545.37	1,040,075.00	3,003,945.00
02/01/2035	590,000.00	4.400%	153,047.50	743,047.50	-	2,262,487.50	247,320.82	976,191.68	1,038,975.00	3,005,535.00
02/01/2036	610,000.00	4.500%	127,087.50	737,087.50	-	2,266,475.00	-	-	2,266,475.00	3,003,562.50
02/01/2037	645,000.00	4.750%	99,637.50	744,637.50	-	2,251,875.00	-	-	2,251,875.00	2,996,512.50
02/01/2038	670,000.00	5.000%	69,000.00	739,000.00	-	2,254,250.00	-	-	2,254,250.00	2,993,250.00
02/01/2039	710,000.00	5.000%	35,500.00	745,500.00	-	2,247,000.00	-	-	2,247,000.00	2,992,500.00
Total	\$7,835,000.00	-	\$5,016,923.50	\$12,851,923.50	(203,233.50)	\$61,039,215.00	\$7,444,126.40	\$29,382,461.10	\$24,212,627.50	\$73,687,905.00

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4) Estimated State Debt Service Equalization Aid Calculation

Total Estimated State Aid from Question #1 and Question #2

Future Debt Equalization Calculation																		
NTC - Current Formula																		
Year Taxes Payable	Fiscal Year	NTC (used for initial tax rate determination)		ANTC	Local	First Tier	Second Tier	Adjusted Pupil Units (Actual)	ANTC per Adj. PU	First Tier Aid %	Second Tier Aid %	Existing Eligible G.O. Debt @ 105%	New Debt @ 105%	Total Debt @ 105%	Debt Excess	Debt Levy Prior to Aid	Second Tier Aid	Levy
2012	2013	11,848,907																
2013	2014	11,962,715	0.960%	11,696,848														
2014	2015	12,585,522	5.206%	11,762,748														
2015	2016	12,983,618	3.163%	12,688,330	1,997,143	1,332,275	3,329,418	1,936.17	6,553.31	0.0000%	18.0836%	4,251,525.05		4,251,525.05				
2016	2017	13,381,007	3.061%	12,984,422	2,043,748	1,363,364	3,407,112	1,976.09	6,570.76	0.0000%	17.8654%	4,050,682.13		4,050,682.13				
2017	2018	13,654,285	2.042%	12,996,529	2,045,654	1,364,636	3,410,289	2,049.25	6,342.09	0.0000%	20.7239%	3,401,309.63		3,401,309.63				
2018	2019	13,972,430	2.330%	13,764,400	2,166,517	1,445,262	3,611,779	2,122.00	6,486.53	0.0000%	18.9183%	3,433,964.63		3,433,964.63	170,065.48	3,263,899.14	-	3,263,899.14
2019	2020	14,297,987	2.330%	14,085,111	2,216,996	1,478,937	3,695,933	2,145.20	6,565.88	0.0000%	17.9265%	4,207,000.88	408,158.63	4,615,159.50	171,698.23	4,443,461.27	134,005.65	4,309,455.62
2020	2021	14,631,131	2.330%	14,413,294	2,268,652	1,513,396	3,782,048	2,186.47	6,592.05	0.0000%	17.5994%	4,206,226.50	406,452.38	4,612,678.88	230,757.98	4,381,920.90	105,573.98	4,276,346.92
2021	2022	14,972,036	2.330%	14,749,124	2,321,512	1,548,658	3,870,170	2,231.64	6,609.10	0.0000%	17.3862%	4,206,528.38	409,996.13	4,616,524.50	230,633.94	4,385,890.56	89,664.20	4,296,226.35
2022	2023	15,320,884	2.330%	15,092,778	2,375,603	1,584,742	3,960,345	2,201.46	6,855.82	0.0000%	14.3023%	4,204,717.13	408,119.25	4,612,836.38	230,826.23	4,382,010.15	60,307.82	4,321,702.33
2023	2024	15,677,861	2.330%	15,444,440	2,430,955	1,621,666	4,052,621	2,201.46	7,015.56	0.0000%	12.3055%	4,208,497.13	416,598.00	4,625,095.13	230,641.82	4,394,453.31	42,064.17	4,352,389.13
2024	2025	16,043,155	2.330%	15,804,295	2,487,596	1,659,451	4,147,047	2,201.46	7,179.02	0.0000%	10.2622%	4,204,034.63	419,459.25	4,623,493.88	231,254.76	4,392,239.12	25,162.10	4,367,077.02
2025	2026	16,416,961	2.330%	16,172,535	2,545,557	1,698,116	4,243,673	2,201.46	7,346.29	0.0000%	8.1713%	3,464,178.38	742,386.75	4,206,565.13	231,174.69	3,975,390.43	-	3,975,390.43
2026	2027	16,799,476	2.330%	16,549,355	2,604,869	1,737,682	4,342,551	2,201.46	7,517.46	0.0000%	6.0317%	3,462,012.75	743,174.25	4,205,187.00	210,328.26	3,994,858.74	-	3,994,858.74
2027	2028	17,190,904	2.330%	16,934,955	2,665,562	1,778,170	4,443,732	2,201.46	7,692.62	0.0000%	3.8423%	2,375,233.88	779,706.38	3,154,940.25	210,259.35	2,944,680.90	-	2,944,680.90
2028	2029	17,591,452	2.330%	17,329,540	2,727,670	1,819,602	4,547,271	2,201.46	7,871.86	0.0000%	1.6018%	2,378,404.88	777,233.63	3,155,638.50	157,747.01	2,997,891.49	-	2,997,891.49
2029	2030	18,001,332	2.330%	17,733,318	2,791,224	1,861,998	4,653,223	2,201.46	8,055.27	0.0000%	0.0000%	2,379,764.63	774,146.63	3,153,911.25	157,781.93	2,996,129.33	-	2,996,129.33
2030	2031	18,420,764	2.330%	18,146,505	2,856,260	1,905,383	4,761,643	2,201.46	8,242.96	0.0000%	0.0000%	2,378,819.63	775,196.63	3,154,016.25	157,695.56	2,996,320.69	-	2,996,320.69
2031	2032	18,849,967	2.330%	18,569,318	2,922,811	1,949,778	4,872,589	2,201.46	8,435.02	0.0000%	0.0000%	2,380,000.88	774,107.25	3,154,108.13	157,700.81	2,996,407.31	-	2,996,407.31
2032	2033	19,289,172	2.330%	19,001,983	2,990,912	1,995,208	4,986,120	2,201.46	8,631.56	0.0000%	0.0000%	2,375,735.25	777,375.38	3,153,110.63	157,705.41	2,995,405.22	-	2,995,405.22
2033	2034	19,738,609	2.330%	19,444,729	3,060,600	2,041,697	5,102,297	2,201.46	8,832.67	0.0000%	0.0000%	2,379,864.38	774,277.88	3,154,142.25	157,655.53	2,996,486.72	-	2,996,486.72
2034	2035	20,198,519	2.330%	19,897,792	3,131,912	2,089,268	5,221,181	2,201.46	9,038.47	0.0000%	0.0000%	2,375,611.88	780,199.88	3,155,811.75	157,707.11	2,998,104.64	-	2,998,104.64
2035	2036	20,669,144	2.330%	20,361,410	3,204,886	2,137,948	5,342,834	2,201.46	9,249.07	0.0000%	0.0000%	2,379,798.75	773,941.88	3,153,740.63	157,790.59	2,995,950.04	-	2,995,950.04
2036	2037	21,150,735	2.330%	20,835,831	3,279,560	2,187,762	5,467,322	2,201.46	9,464.57	0.0000%	0.0000%	2,364,468.75	781,869.38	3,146,338.13	157,687.03	2,988,651.09	-	2,988,651.09
2037	2038	21,643,548	2.330%	21,321,306	3,355,974	2,238,737	5,594,711	2,201.46	9,685.10	0.0000%	0.0000%	2,366,962.50	775,950.00	3,142,912.50	157,316.91	2,985,595.59	-	2,985,595.59
2038	2039	22,147,842	2.330%	21,818,092	3,434,168	2,290,900	5,725,067	2,201.46	9,910.76	0.0000%	0.0000%	2,359,350.00	782,775.00	3,142,125.00	157,145.63	2,984,979.38	-	2,984,979.38

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5) Estimated Tax Impact

ISD 2905 – Former ISD 392, LeCenter

Type of Property		Estimated Market Value	ISD 2905 - Former ISD 392, LeCenter					
			Total School Portion of Taxes	Est. AG Tax Credit Changes (Pay 2018)	Tax Impact of Q1 (includes reduction for Ag2School)	Tax Impact of Q2 (includes reduction for Ag2School)	Total of Pay 2017 with Pay 2018 Changes Plus Q1 & Q2	Estimated Requested Change from Pay 2017
Residential Homestead	75,000	186.35	NOT APPLICABLE	22.65	11.04	220.04	33.69	
	100,000	273.68		36.14	17.62	327.43	53.76	
	125,000	361.85		49.83	24.29	435.98	74.12	
	150,000	450.25		63.58	30.99	544.81	94.56	
	175,000	538.42		77.27	37.66	653.35	114.93	
	200,000	626.82		91.01	44.36	762.18	135.37	
	250,000	803.39		118.44	57.73	979.56	176.17	
	300,000	979.96		145.88	71.10	1,196.93	216.97	
	350,000	1,156.53		173.31	84.47	1,414.31	257.78	
	400,000	1,333.10		200.74	97.84	1,631.68	298.58	
	500,000	1,669.58		251.68	122.67	2,043.93	374.35	
Commercial Industrial	250,000	1,208.61	N / A	213.93	104.27	1,526.81	318.20	
	500,000	2,577.44		465.62	226.94	3,269.99	692.55	
	1,000,000	5,315.09		968.99	472.27	6,756.35	1,441.26	
Agricultural Homestead *	1,154,000	1,645.76	(255.79)	235.07	114.57	1,739.62	93.86	
* - Property value assumes 160 acres with a dwelling value of \$200,000 (house, garage and one acre) at an assessed value of \$6,000 per acre								
Agricultural Homestead **	2,114,000	2,671.11	(513.18)	380.04	185.23	2,723.20	52.09	
** - Property value assumes 320 acres with a dwelling value of \$200,000 (house, garage and one acre) at an assessed value of \$6,000 per acre								
Non-homestead Agricultural	6,000	12.82	(3.22)	1.81	0.88	12.29	(0.52)	

ISD 2905 – Former ISD 394, Montgomery-Lonsdale

		ISD 2905 - Former ISD 394, Montgomery-Lonsdale					
Type of Property	Estimated Market Value	Total School Portion of Taxes	Est. AG Tax Credit Changes (Pay 2018)	Tax Impact of Q1 (includes reduction for Ag2School)	Tax Impact of Q2 (includes reduction for Ag2School)	Total of Pay 2017 with Pay 2018 Changes Plus Q1 & Q2	Estimated Requested Change from Pay 2017
		Pay 2017	Potential Change	Pay 2019	Pay 2019	Pay 2019	
Residential Homestead	75,000	258.09	NOT APPLICABLE	22.65	11.04	291.78	33.69
	100,000	388.14		36.14	17.62	441.90	53.76
	125,000	519.68		49.83	24.29	593.81	74.12
	150,000	651.60		63.58	30.99	746.16	94.56
	175,000	783.14		77.27	37.66	898.07	114.93
	200,000	915.06		91.01	44.36	1,050.42	135.37
	250,000	1,178.51		118.44	57.73	1,354.68	176.17
	300,000	1,441.97		145.88	71.10	1,658.94	216.97
	350,000	1,705.43		173.31	84.47	1,963.21	257.78
	400,000	1,968.88		200.74	97.84	2,267.47	298.58
	500,000	2,466.70		251.68	122.67	2,841.05	374.35
Commercial Industrial	250,000	1,886.17	N / A	213.93	104.27	2,204.37	318.20
	500,000	4,052.12		465.62	226.94	4,744.67	692.55
	1,000,000	8,384.02		968.99	472.27	9,825.28	1,441.26
Agricultural Homestead *	1,154,000	2,694.46	(558.17)	235.07	114.57	2,485.94	(208.52)
* - Property value assumes 160 acres with a dwelling value of \$200,000 (house, garage and one acre) at an assessed value of \$6,000 per acre							
Agricultural Homestead **	2,114,000	4,485.05	(1,119.84)	380.04	185.23	3,930.48	(554.57)
** - Property value assumes 320 acres with a dwelling value of \$200,000 (house, garage and one acre) at an assessed value of \$6,000 per acre							
Non-homestead Agricultural	6,000	22.38	(7.02)	1.81	0.88	18.06	(4.33)

6. Documentation of District Compliance

- i) **Governing municipal contracts-** ISD 2905 and the District's professional service provider ATS&R Planners/Architects/Engineers recognize and are bound by all applicable provisions set forth in Minnesota Statute 471.345 Minnesota Uniform Contracting Law through all phases of this project.
- ii) **Sustainable design-** ISD 2905 and its administration are strongly committed to incorporating renewable resources and innovative, sustainable design concepts into the design of this project. In order to follow through on this commitment, the District expects to implement a design process that requires innovative thought from conception through construction. Subsequently, the proposed project scope will include materials and systems that are energy efficient, environmentally responsible, and economically affordable. Over the course of the project, the following design concepts and strategies will be utilized by ATS&R Planners/Architects/Engineers as a means of ensuring the attainment of sustainability and environmental goals.
 - 1. **Conserve Energy and Natural Resources-** With the systems to be incorporated into the new building, and material and system choices selected for other project scope components, the project team will seek to enhance the indoor environment, conserve energy and make use of renewable resources through the use of new technology. Specifically, the new building will use energy efficient systems and components for the HVAC and Electrical (lighting and controls) systems. In addition, consideration will be given to the implementation of other 'green and lean' design concepts. Finally, for all other building components, selection of materials and systems will be based upon life-cycle cost analysis.
 - 2. **Minimize Project Construction Waste-** Following standards set forth by agencies such as the USGBC, contractors for the proposed project will be asked to follow guidelines to minimize construction related waste. This will include sorting and recycling appropriate materials and waste, designing toward balanced sites, and minimizing process-related environmental waste.
 - 3. **Optimize Maintenance and Operating Costs-** Through the implementation, use, and integration of new technologies and materials, the project team will work to minimize the operational requirements of new systems while maximizing efficiencies. Systems and material choices will be based upon life-cycle payback to include evaluation of first costs, operating and maintenance costs, and life expectancy.

ISD 2905 and the architect/engineer will strive to utilize the above noted strategies in their commitment to fully utilize environmentally sustainable school facility design concepts whenever possible and appropriate for this project.

- iii) **Facility commissioning related to HVAC and ASHRAE standards-** As architect/engineer for this project, ATS&R will design the ventilation system for the project to meet and/or exceed current building code requirements and ASHRAE standards for indoor air quality as well as filtration. The project design will also incorporate a means to monitor outdoor air and total airflow of all ventilation systems. In addition, all systems will be commissioned as required under M.S. 123B.72 School Facility

Commissioning. ATS&R certifies that the systems shall meet or exceed current code standards, including the ASHRAE air filtration standard 52.1.

- iv) **American National Standards Institute Acoustical Performance Criteria-** For the projects, ATS&R Planners/Architects/Engineers will consider the American National Standards Institute's S12.60 Classroom Acoustics Standards in the design of the project for addressing background and noise levels and reverberation times. To this end, it will be their intention to consider the following design concepts into the proposed project:
 - Building enclosures, interior partition walls, and doors and window systems will be designed to provide appropriate sound isolation from both exterior and adjacent spaces.
 - The design and installation of mechanical and electrical systems will be completed in such a manner so that recommended ambient noise levels are not exceeded throughout the various frequency ranges.
 - The design and installation of interior finishes and acoustical treatments as appropriate will be completed in such a manner to address low sound reverberation levels while increasing speech clarity.
- v) **State Fire Code-** For the projects, ISD 2905 and the District's professional service provider ATS&R Planners/Architects/Engineers recognize and are bound by all applicable provisions set forth by the International Fire Code adopted by the International Code Council and those applicable provisions found in Minnesota Rules Chapter 7511.
- vi) **Chapter 326B building codes-** ISD 2905 and the District's professional service provider ATS&R Planners/Architects/Engineers recognize and are bound by all applicable provisions set forth in Minnesota Statute 326B Construction Codes and Licensing through all phases of this project.
- vii) **Consultation with appropriate governing agencies related to project impact on utilities, roads, etc.-** Because the additions will be added to the existing buildings, they are already supported by nearby local infrastructure (roads and utilities). These roads and infrastructure function currently. Any necessary planning and approvals will be coordinated with the local municipalities, counties, and the appropriate state agencies. The total cost allocated for this project includes allowances for expenses such as the construction of drives and other infrastructure.

APPENDIX A

SPACE PROGRAMS OF SQUARE FOOTAGES - QUESTION 1

9/18/17

TCU School District # 2905

TCU Lonsdale Elem

SPACE PROGRAM

Opt E1b.1b2

Plan with CR / Kindergarten expansion

420 students

Space Program Draft - 9/18/17

CLASSROOMS

KINDERGARTEN	3	3	840	2,520
STORAGE (READING SHARES)		1	100	100
STUDENT TOILETS		1	180	180
CLASSROOMS	5	5	840	4,200
DEPARTMENT OFFICE		6	75	450
STORAGE (READING SHARES)		1	100	100
STUDENT TOILETS		1	180	180
	8		100.0%	7,730

NET EDUCATIONAL AREA	8			7,730
CIRCULATION / STRUCTURE			incl. in mult.	
MECHANICAL / ELECTRICAL SPACES			incl. in mult.	
MECHANICAL ROOMS			incl. in mult.	
GROSS AREA			1.50	11,600
GROSS AREA PER STUDENT		133	ADD'L	87
NET AREA PER STUDENT				58

APPENDIX A

SPACE PROGRAMS OF SQUARE FOOTAGES (continued) - QUESTION 1

9/18/17

TCU School District # 2905

TCU High School

SPACE PROGRAM

Based on 6.0 out of 7 periods per day

Opt E1.b1

Plan with CR / Sci / Ag Tech Lab

675 students

Space Program Draft - 9/18/17

TCU High School

CLASSROOMS	*	7	8	840	6,720	* Existing Classroom converts to student locker area
DEPARTMENT OFFICE			6	75	450	
STORAGE			1	100	100	
		7			60.2%	7,270

AG TECH LAB

AGRICULTURE / TECH LAB		1	1	3,000	3,000	
MATERIAL STORAGE			2	150	300	
		1			27.3%	3,300

SCIENCE

BIOLOGY LECTURE / LAB		1	1	1,360	1,360	
PREP ROOM			1	150	150	
		1			12.5%	1,510

NET EDUCATIONAL AREA		9				12,080
CIRCULATION / STRUCTURE					incl. in mult.	
MECHANICAL / ELECTRICAL SPACES					incl. in mult.	
MECHANICAL ROOMS					incl. in mult.	

GROSS AREA					1.35	16,260
GROSS AREA PER STUDENT				185		88
NET AREA PER STUDENT						65

APPENDIX A

SPACE PROGRAMS OF SQUARE FOOTAGES (continued) - QUESTION 2

9/18/17

TCU School District # 2905

TCU High School

SPACE PROGRAM - QUESTION 2

Opt E1.b1

Auditorium

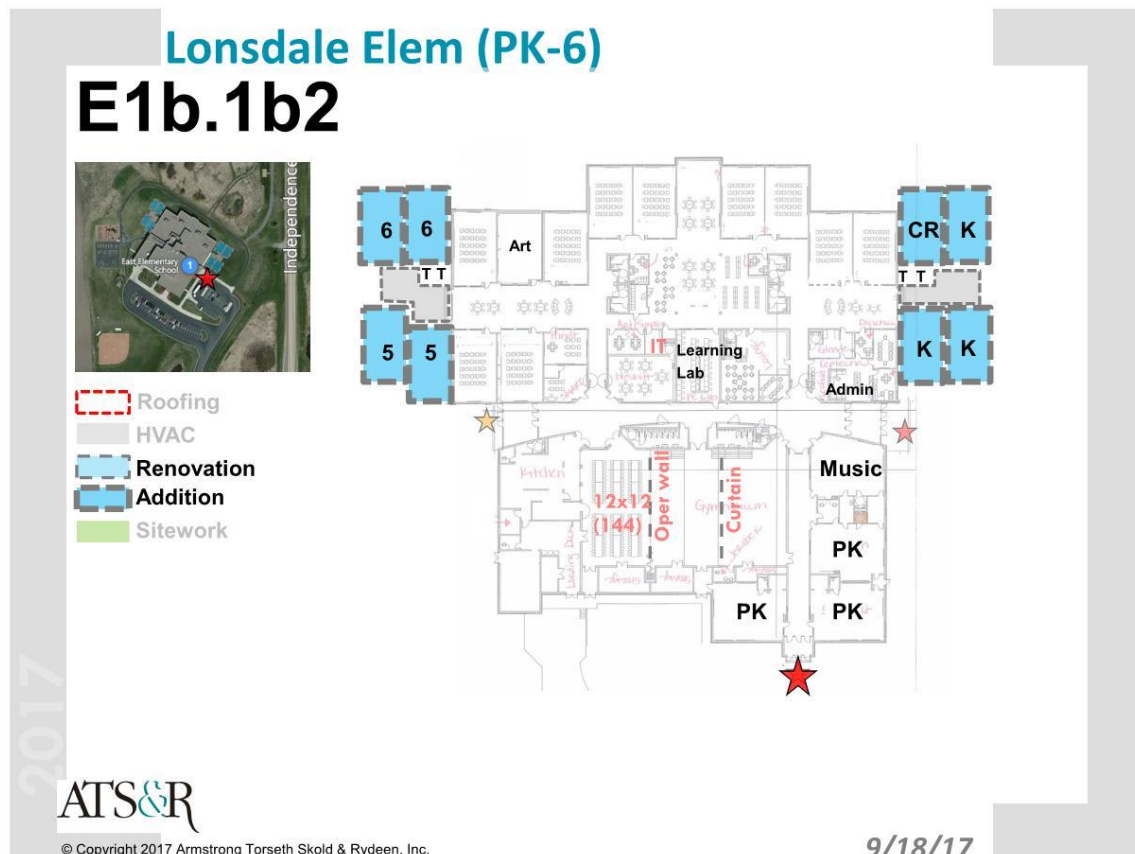
Space Program Draft - 9/18/17

TCU HIGH SCHOOL AUDITORIUM

		auditorium (seating for 700)	
SEATING (10 SF / SEAT)	2	1	7,000
STAGE		1	2,490
LIGHT / SOUND BOOTH		1	570
DIMMER ROOM			
ORCHESTRA PIT			
SCENE SHOP / COSTUME / PROP STORAGE	1		980
PIANO STORAGE	1		75
DRESSING ROOMS	2		175
TOILETS	2		50
MAKE-UP AREA	1		440
COSTUME STORAGE	1		265
TICKETS	1		60
PE / ATHLETIC LOCKER ROOMS - shared with Dressing			
LOCKER ROOM SPACE	2		370
	2		100.0%
			13,070
NET EDUCATIONAL AREA	2		
CIRCULATION / STRUCTURE			incl. in mult.
MECHANICAL / ELECTRICAL SPACES			incl. in mult.
MECHANICAL ROOMS			incl. in mult.
GROSS AREA			1.24
GROSS AREA PER STUDENT			16,214
NET AREA PER STUDENT			

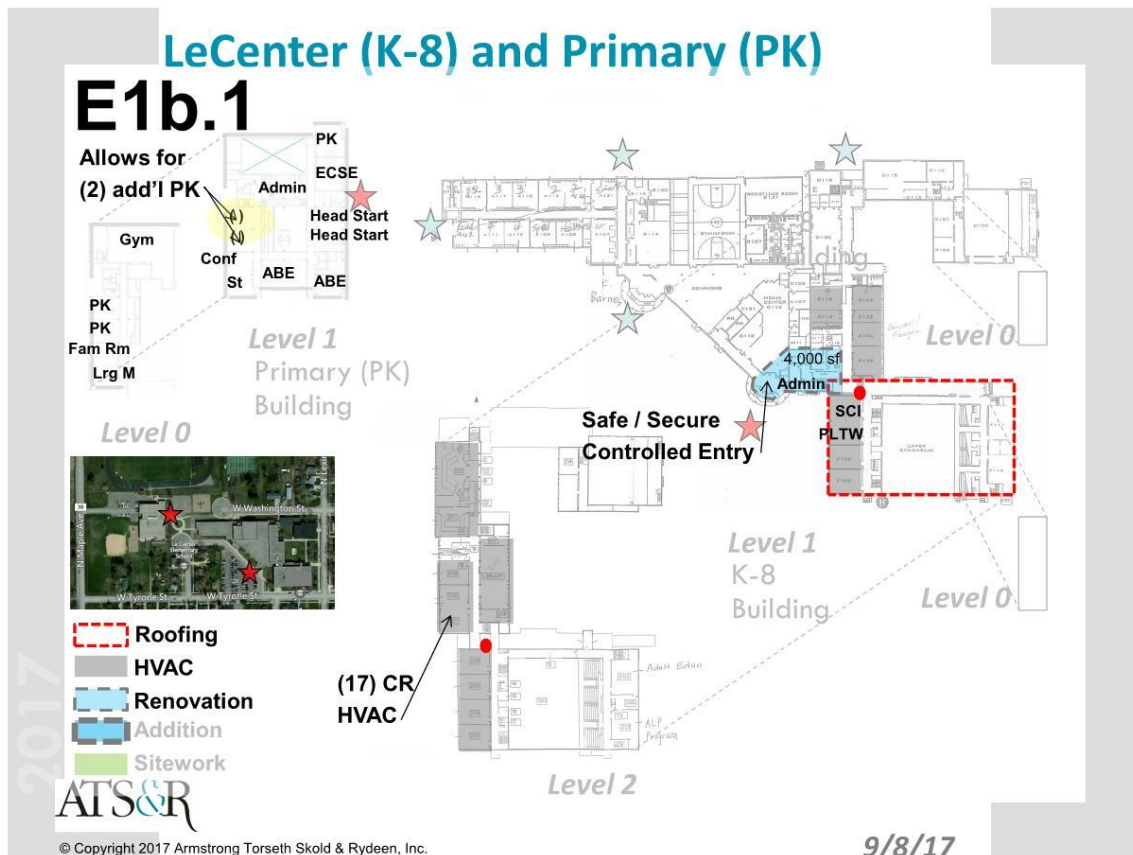
APPENDIX B

FACILITIES LAYOUTS – QUESTION 1

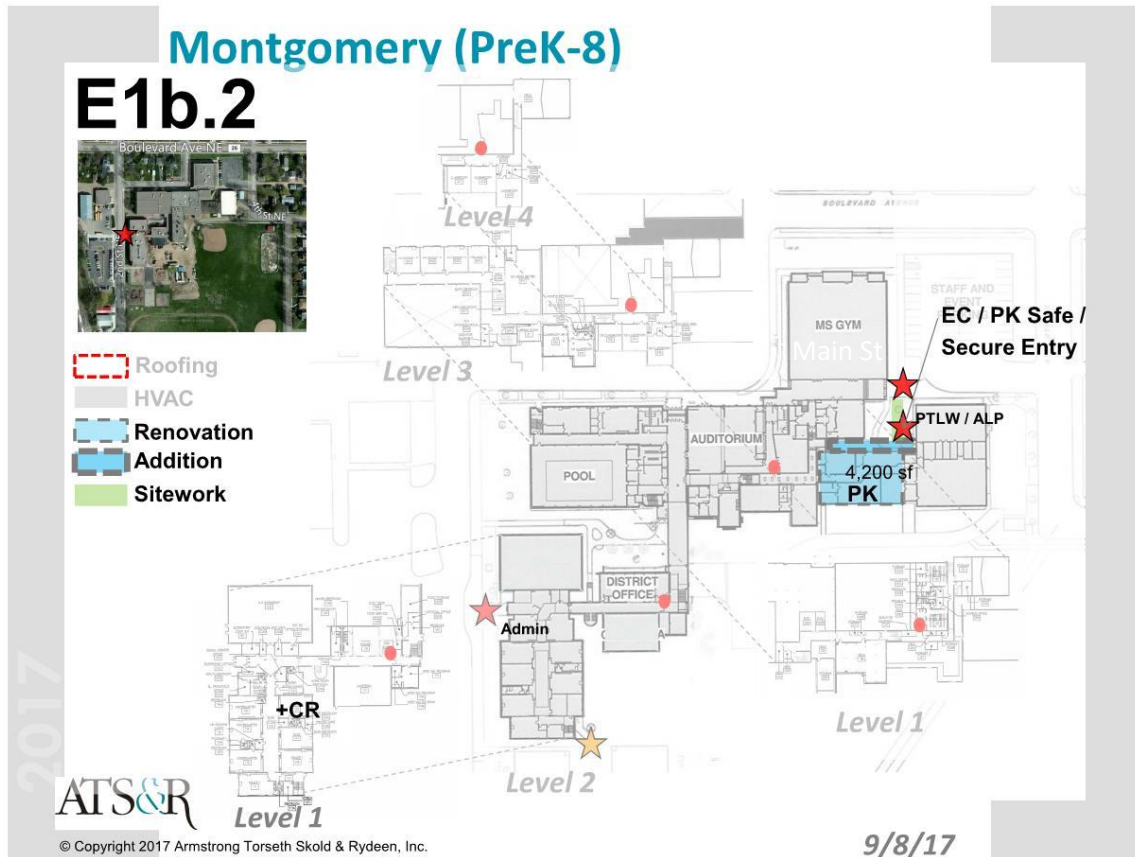


APPENDIX B

FACILITIES LAYOUTS (continued) QUESTION 1



APPENDIX B

FACILITIES LAYOUTS (continued) QUESTION 1

APPENDIX B

FACILITIES LAYOUTS (continued) QUESTION 1

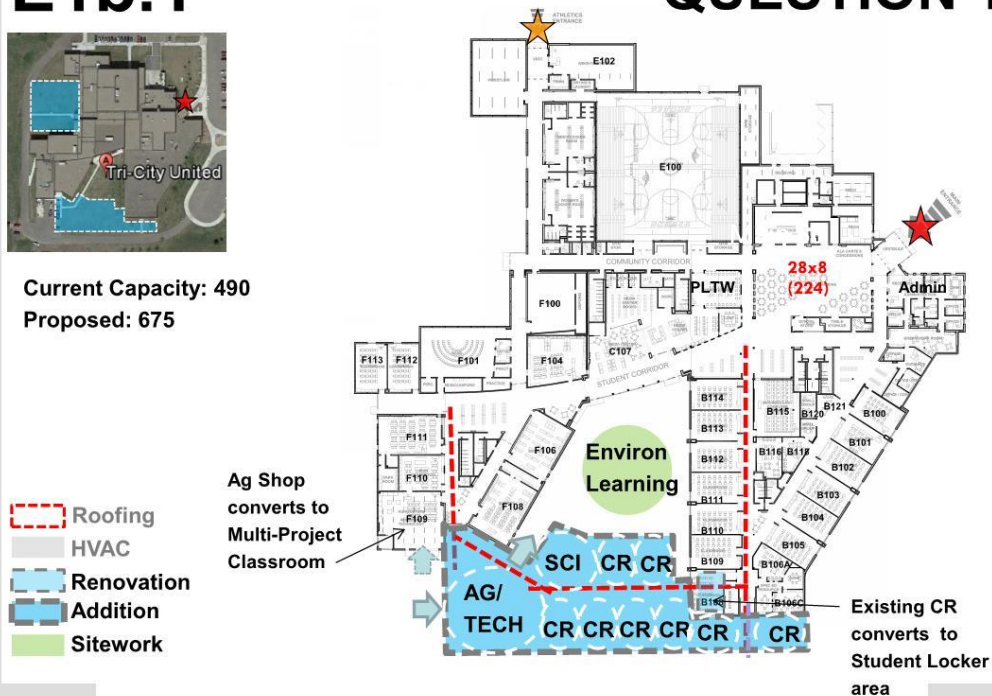
TCU High School - Classrooms

E1b.1

QUESTION 1



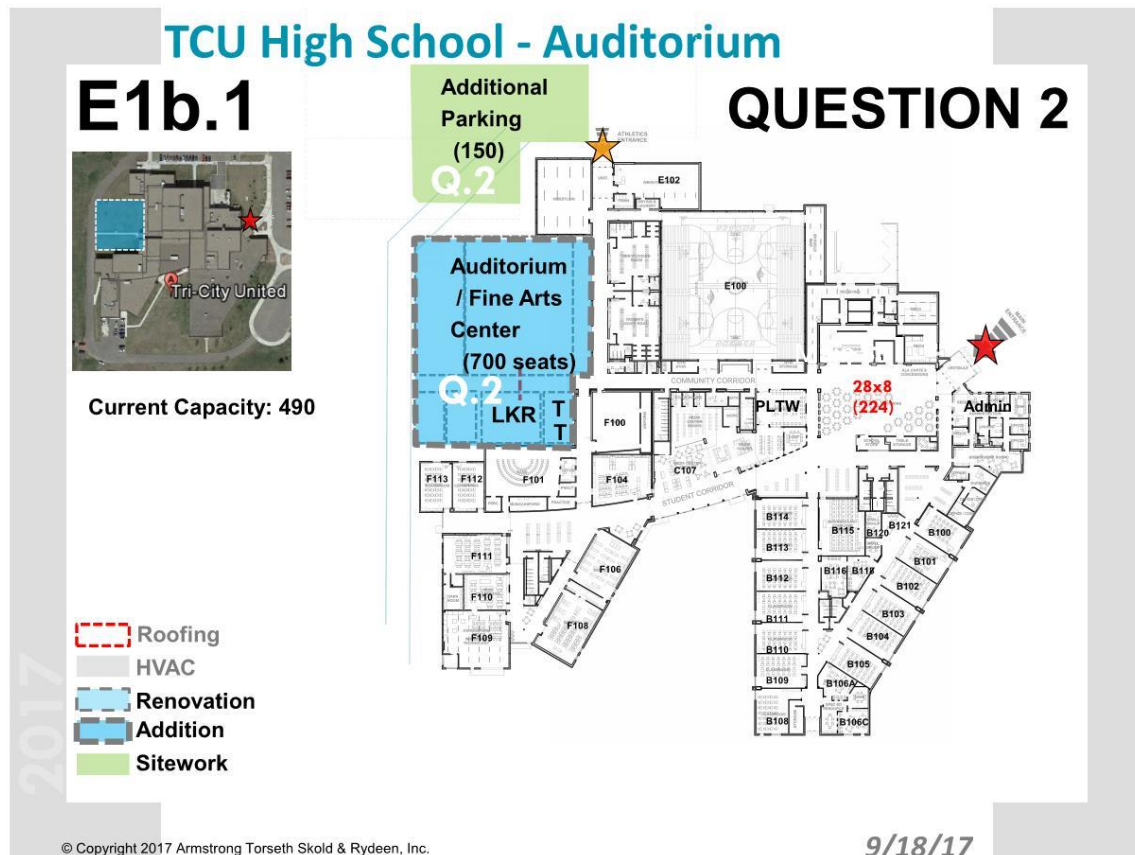
Current Capacity: 490
Proposed: 675



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9/18/17

APPENDIX B

FACILITIES LAYOUTS (continued) QUESTION 2

APPENDIX C
OPERATING COSTS

This proposal calls for additional square footage in the form of additions to the existing Lonsdale Elementary School, the TCU Montgomery PreK-8 and TCU High School buildings. The change in yearly operating costs to the district would be calculated using this cost per square foot of additional space (SF x \$1.50-\$2.50):

<u>Additions to Existing TCU Lonsdale Elementary</u>	11,600 sf x \$2.00 = \$ 23,200 per year
<u>Addition to Existing TCU Montgomery</u>	1,000 sf x \$1.50 = \$ 1,500 per year
<u>Additions to Existing TCU HS - Classrooms</u>	16,260 sf x \$2.00 = \$ 32,520 per year
Additional custodial staff (1)	= \$ 48,759 per year
<u>Total required for additions (QUESTION 1)</u>	<u>= \$ 105,979 per year</u>

QUESTION 2:

<u>Additions to Existing TCU HS-Auditorium</u>	16,214 sf x \$2.50 = \$ 40,535 per year
<u>Total required for additions (Q1 and Q2)</u>	<u>= \$146,514 per year</u>

Additional staffing costs associated with the proposed new elementary school and classroom additions to existing buildings will be met by increased funding generated by the increased enrollment served by the new facilities. No program changes significantly affecting staffing planning are anticipated at this time.