



POTENTIAL 2023 BOND CATEGORY REVIEW:

Energy Efficiency & Conservation

October 18, 2022



Road to a Bond Proposal

Develop District Need

February-June

Administration meets with Campuses and Program Administrators

Associated Costs

June-August

Operations Team develops cost to complete identified needs

Evaluate Projects

September-January

Administration works with BAC to evaluate needs to be included in a Bond Proposal

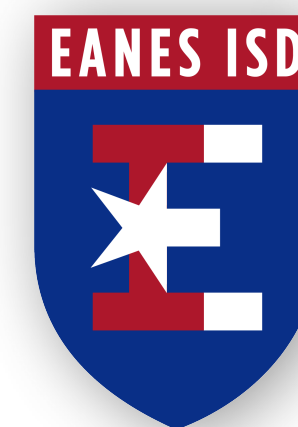
Order Bond Election

February

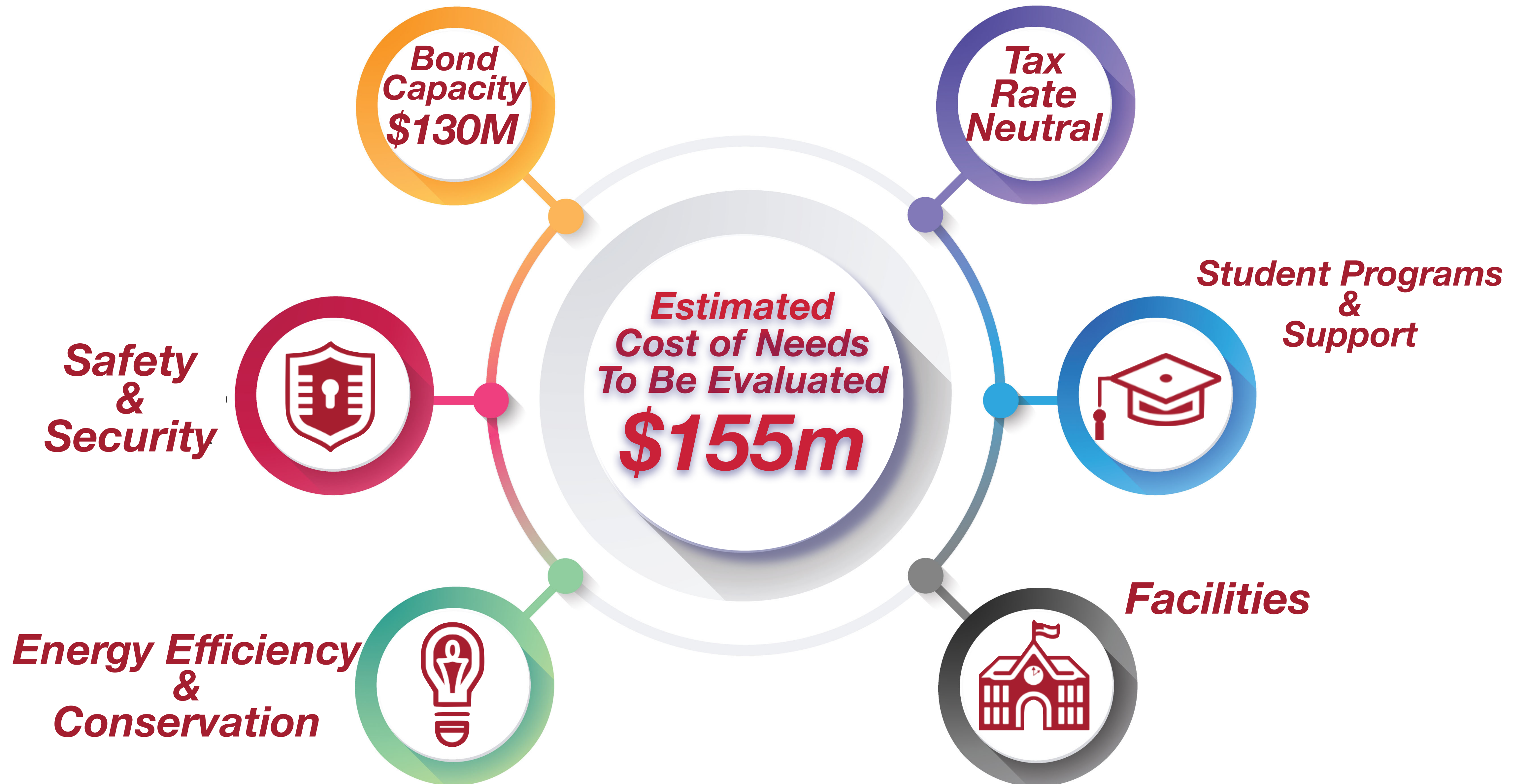
Board of Trustees must vote to order Bond Election

Bond Election

May 6



Breakdown



Proposition Requirements

The law now requires that projects that are to be funded through a bond election be presented on the ballot a manner that depends on whether the projects are “general,” or “special.”



“General” proposition:

- Bonds for construction, acquisition, and equipment of school buildings, purchase of new school buses, and purchase of sites for school buildings

Separate “Special” Propositions:



• Construction, acquisition, or **equipment** of specific facilities:

- Stadium with seating capacity for more than 1,000
- Natatorium
- Performing arts facility
- Recreational facility other than a gymnasium, playground, or play area
- Teacher housing determined by the district to be necessary



- Acquisition and update of technology equipment other than equipment used for school security purposes or technology infrastructure integral to the construction of a facility

TWO TYPES OF BOND PROGRAMS

**Program
Maintenance
& Efficiency**



**Major Campus
Construction**



Funding: Bond vs. M&O

Bond

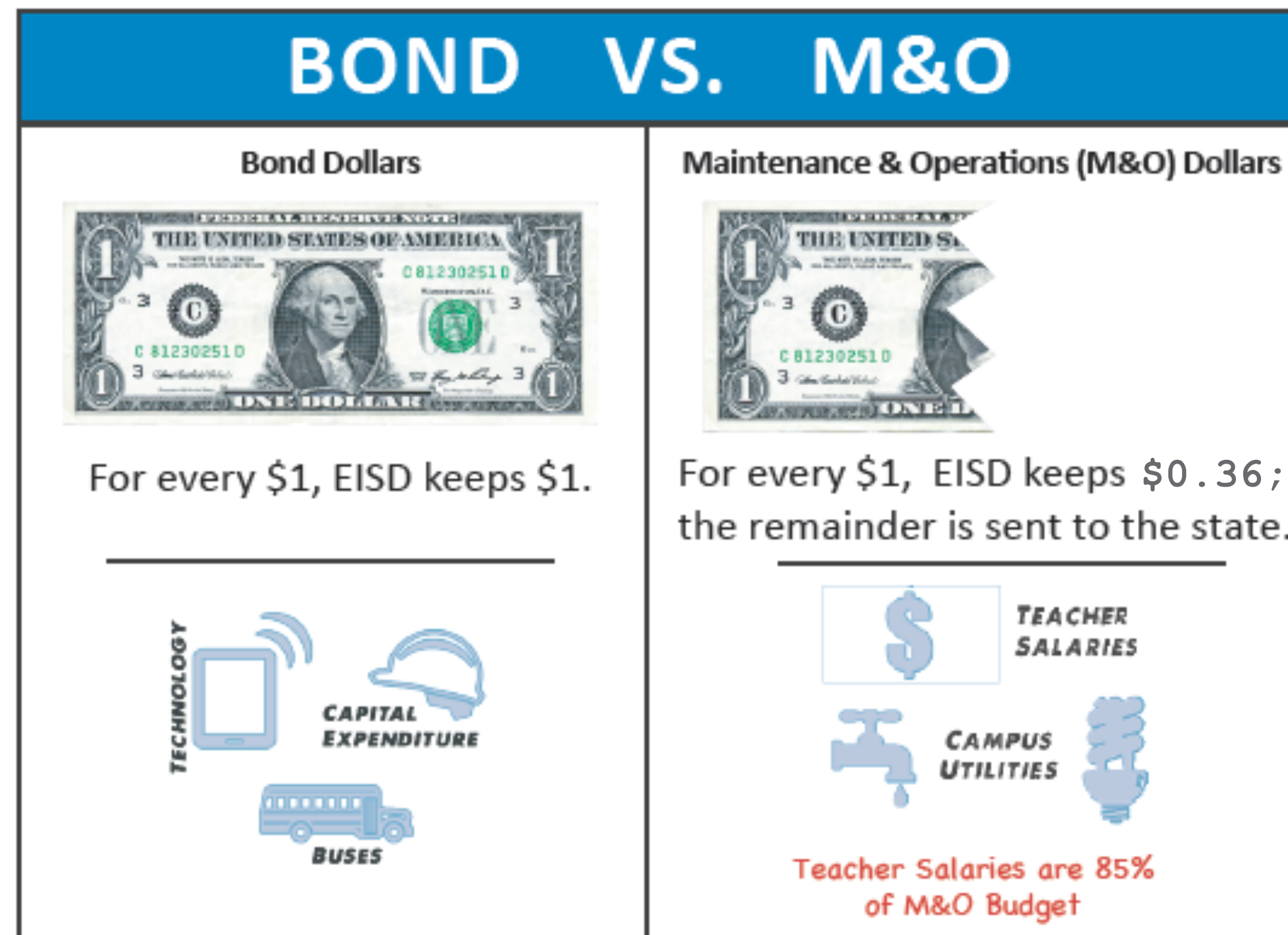
For every \$1 received, Eanes ISD keeps 100 percent

- Bond money is used for capital expenditures, buses, technology, etc.
- Bond money can be used to pay certain capital expenses that might otherwise be funded from M&O money. Bond money cannot be used for teacher salaries, however, it can alleviate additional expenses so more M&O funds are available.

M&O

For every \$1 collected from taxpayers, Eanes ISD keeps approximately **\$0.36**

- M&O money funds day-to-day expenses, such as teacher salaries and campus utilities. Teacher salaries total approximately 86% of the District's M&O budget.
- Approximately 64 percent of the M&O taxes received by Eanes ISD is taken by the State of Texas under the "Recapture" plan for redistribution to other school districts.



Funding: Bond vs. M&O

Bond

For every \$1 received, Eanes ISD keeps 100 percent

- Bond money is used for capital expenditures, buses, technology, etc.
- Bond money can be used to pay certain capital expenses that might otherwise be funded from M&O money. Bond money cannot be used for teacher salaries, however, it can alleviate additional expenses so more M&O funds are available.

M&O

For every \$1 collected from taxpayers, Eanes ISD keeps approximately **\$0.36**

- M&O money funds day-to-day expenses, such as teacher salaries and campus utilities. Teacher salaries total approximately 85% of the District's M&O budget.
- Approximately 64 percent of the M&O taxes received by Eanes ISD is taken by the State of Texas under the "Recapture" plan for redistribution to other school districts.

\$0.12

I&S Tax Rate

+

\$.8846

M&O Tax Rate

=

\$1.0046

Total Tax Rate

Possible May 2023 Bond = NO Tax Rate Increase

Example Projects



Safety & Security

- Additional Security Cameras
- Additional Safety/Security Film
- Safety Signage & Wayfinding
- Fire Alarm Replacements
- Etc.



Student Programs & Support

- Fine Arts
- Athletics
- Performing Arts
- Technology
- Library Upgrades
- Furniture
- Buses
- Etc.



Energy Efficiency & Conservation

- Solar Installations on Roof
- LED Sportsfield Retrofits
- Window Replacements
- Etc.



Facilities

- Facility Refurbishments
- Electrical Upgrades
- HVAC
- Roofing
- Playground/field Replacements
- Etc.

May 2023- Bond Development Timeline

August: Board

Aug 09 - Bond Capacity
Aug 23- Bond Preview/Direction for BOC as BAC from Board
Aug 24- BOC Meeting (Virtual)

September: Safety & Security

Sept 06 - Open
Sept 27 - First BAC Meeting - Procedures & "Safety & Security"

October: Energy Efficiency & Conservation

Oct 4- BOARD - "Safety & Security"
Oct 11 - BAC - "Energy Efficiency & Conservation"
Oct 18 - BOARD - "Energy Efficiency & Conservation"

November: Facilities

Nov 15 - BAC - "Facilities"
Nov 29 - BOARD - "Facilities"

December: Student Programs & Support

Dec 6 - BAC - "Student Programs & Support"
Dec 13 - BOARD - "Student Programs & Support"

January

Jan 3 - Final BAC - Summarize
Jan 10 - Ballot Review BOARD
Jan 12 - BAC Final Report to BOARD
Jan 24 - Open

February

Feb 7- BOARD - Order bond election

May

May 6 - Election Day



Project Priority Classification

| Category 1 | Category 2 | Category 3 |
|--|--|---|
| Project that is an immediate priority and will be funded from M&O if not in Bond or will generate M&O savings. | Highly likely that a need will surface within the cycle of the Bond that will require M&O funding. | Campus & District Operations can continue in the immediate future, but inclusion would improve or enhance student programs or provide other benefits to the district. |

Bond Cycle: 2023/24 thru 2027/28





***Energy Efficiency
&
Conservation***

Oct. 11 Bond Advisory Committee (BAC) Meeting

| 2023 Projected Bond Program Breakdown DRAFT | | | |
|---|----------------------------|------------|-------------|
| Energy Efficiency and Conservation | | | |
| | Estimated Total Bond Costs | Category I | Category II |
| LED- UIL Field Pole Lighting Replacements | \$ 988,000 | | |
| Westlake HS (Stadium) | | | |
| Westlake HS (Baseball) | | | |
| Westlake HS (Softball) | | | |
| LED- Athletic Pole Lighting Upgrade/Installation | \$ 1,083,000 | | |
| West Ridge MS | | | |
| Westlake HS (Tennis) New | | | |
| Westlake HS (Practice Fields 1 & 2) | | | |
| Building System Enhancements | \$ 5,415,000 | | |
| Replace Windows (Central Administration) | | | |
| Replace Windows (CCE) | | | |
| Replace Windows (VVE) | | | |
| Replace Windows (Eanes Elementary Art, Music, Admin) | | | |
| Replace Windows (Bridge Point lower Hallway) | | | |
| Solar Installations | \$ 14,366,000 | | |
| Barton Creek ES | | | |
| Bridge Point ES | | | |
| Cedar Creek ES | | | |
| Eanes ES | | | |
| Forest Trail ES | | | |
| Valley View ES | | | |
| Hill Country MS | | | |
| West Ridge MS | | | |
| Westlake HS | | | |
| Eanes ISD District Operations Center | | | |
| Table B: Energy Efficiency and Conservation- Subtotal | \$ 21,852,000 | | |

- Reviewed each potential Bond “Energy Efficiency & Conservation” line items.
- Open Discussion between BAC Members, Administration, and Community.
- Developed BAC recommended Category for each line item.

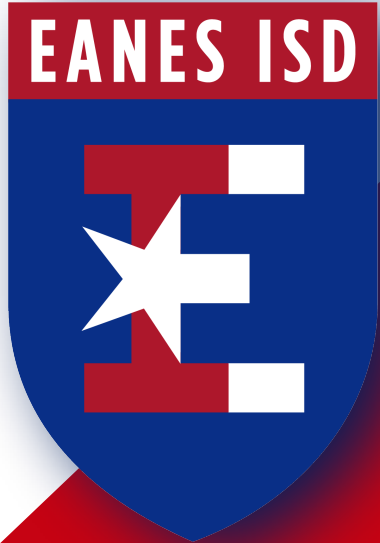


Table B: Energy Efficiency & Conservation


|  2023 Projected Bond Program Breakdown | Estimated Total Bond Costs | Category I | Category II | Category III |
|--|----------------------------|------------|-------------|--------------|
| Energy Efficiency and Conservation | | | | |
| LED- UIL Field Pole Lighting Replacements | \$ 988,000 | | | |
| LED- Athletic Pole Lighting Upgrade/Installation | \$ 1,083,000 | | | |
| Building System Enhancements | \$ 5,415,000 | | | |
| Solar Installations | \$ 14,366,000 | | | |
| Table B: Energy Efficiency and Conservation- Subtotal | \$ 21,852,000 | | | |



Table B: Energy Efficiency & Conservation

LED- UIL Field Pole Lighting Replacements

| | Estimated Total Bond Costs | Category I | Category II | Category III |
|---|----------------------------|------------|-------------|--------------|
| Energy Efficiency and Conservation | | | | |
| LED- UIL Field Pole Lighting Replacements | \$ 988,000 | ✓ | | |
| Westlake HS (Stadium) | | | | |
| Westlake HS (Baseball) | | | | |
| Westlake HS (Softball) | | | | |

Proposition
B

Proposition
B = Separate Proposition

Estimated Annual M&O Budget Cost Avoidance \$6k

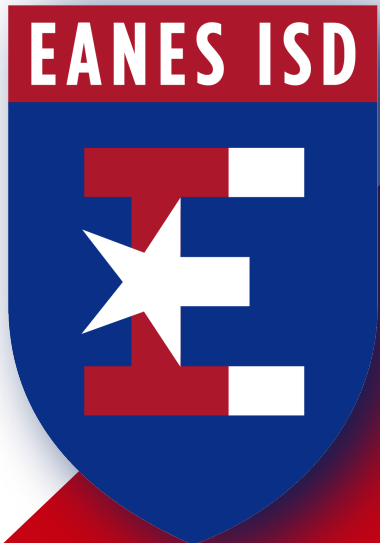


Table B: Energy Efficiency & Conservation

LED- Athletic Pole Lighting Upgrade/Installation

| | Estimated Total Bond Costs | Category I | Category II | Category III |
|--|----------------------------|------------|-------------|--------------|
| Energy Efficiency and Conservation | | | | |
| LED- Athletic Pole Lighting Upgrade/Installation | \$ 1,083,000 | ✓ | | |
| West Ridge MS | | | | |
| Westlake HS (Tennis) New | | | | |
| Westlake HS (Practice Fields 1 & 2) | | | | |

Estimated Annual M&O Budget Cost Avoidance \$6k

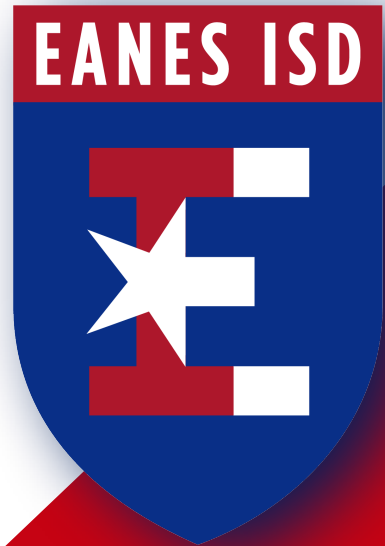


Table B: Energy Efficiency & Conservation

Building System Enhancements

| | Estimated Total Bond Costs | Category I | Category II | Category III |
|---|----------------------------|------------|-------------|--------------|
| Energy Efficiency and Conservation | | | | |
| Building System Enhancements | \$ 5,415,000 | | ✓ | |
| Replace Windows (Central Administration) | | | | |
| Replace Windows (Westlake High School North/ South Annex) | | | | |
| Replace Windows (CCE) | | | | |
| Replace/Windows (VVE) | | | | |
| Replace Windows (Eanes Elementary Art, Music, Admin) | | | | |
| Replace Windows (Bridge Point lower Hallway) | | | | |



Table B: Energy Efficiency & Conservation

Solar Installations

| | Estimated Total Bond Costs | Category I | Category II | Category III |
|---|-------------------------------|------------|-------------|--------------|
| Energy Efficiency and Conservation | | | | |
| Solar Installations | \$ 14,366,000 | | | |
| Barton Creek ES | | | | |
| Bridge Point ES | | | | |
| Cedar Creek ES | | | | |
| Eanes ES | | | | |
| Forest Trail ES | | | | |
| Valley View ES | | | | |
| Hill Country MS | | | | |
| West Ridge MS | | | | |
| Westlake HS | | | | |
| Eanes ISD District Operations Center | | | | |



Table B: Energy Efficiency & Conservation

Solar Installations

| | Annual Cost M&O Avoidance Breakdown | | | | | | |
|-------------------------------|-------------------------------------|-----------|-----------|-----------|-----------|--------------------|--------------|
| | Year 1* | Year 2 | Year 3 | Year 4 | Year 5 | Year 6-25 | |
| Value of Solar (Annual) | \$487,579 | \$487,579 | \$487,579 | \$487,579 | \$487,579 | \$487,579 Annually | |
| PBI Rebate (5 year Period) ** | \$509,410 | \$509,410 | \$509,410 | \$509,410 | \$509,410 | | |
| | \$996,989 | \$996,989 | \$996,989 | \$996,989 | \$996,989 | \$9,751,571 | \$14,736,516 |

* Year 1 is representative of once full implementation is complete

Austin Energy’s Commercial Solar Performance-Based Incentive (PBI**) earns an extra credit on monthly electric bill for the power the solar system generates

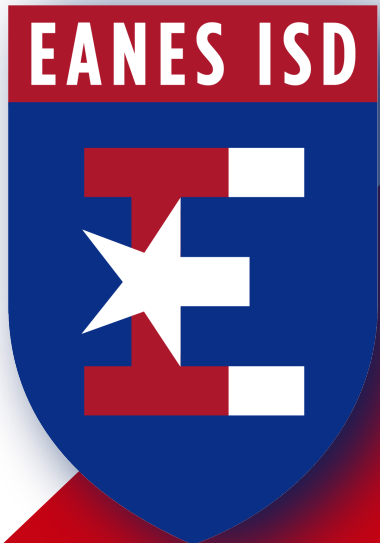


Table B: Energy Efficiency & Conservation

Example: Solar Installation BPE




Table B: Energy Efficiency & Conservation

Solar Installations

| | Estimated Total Bond Costs | Category I | Category II | Category III |
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| Hill Country MS | | | | |
| West Ridge MS | | | | |
| Westlake HS | | | | |
| Eanes ISD District Operations Center | | | | |



Table B: Energy Efficiency & Conservation

|  2023 Projected Bond Program Breakdown | Estimated Total Bond Costs | Category I | Category II | Category III |
|--|----------------------------|---------------|--------------|--------------|
| Energy Efficiency and Conservation | | | | |
| LED- UIL Field Pole Lighting Replacements | \$ 988,000 | ✓ | | |
| LED- Athletic Pole Lighting Upgrade/Installation | \$ 1,083,000 | ✓ | | |
| Building System Enhancements | \$ 5,415,000 | | ✓ | |
| Solar Installations | \$ 14,366,000 | ✓ | | |
| Table B: Energy Efficiency and Conservation- Subtotal | \$ 21,852,000 | \$ 15,449,000 | \$ 5,415,000 | |



2023 OVERALL BOND

Estimated Running Total of Annual M&O Cost Avoidance

| | |
|---|------------------|
| Table A: Safety & Security | \$300,000 |
| Table B: Energy Efficiency & Conservation | \$500,000 |
| Total | \$800,000 |



Questions & Discussion

