




Technology/Safety and Security

Dave Lambson
Chief Technology Officer



“Never in human history have we seen so many technologies moving at such a pace .. and everything is being disrupted in the process.”

—Salim Ismail

Communication

Economics

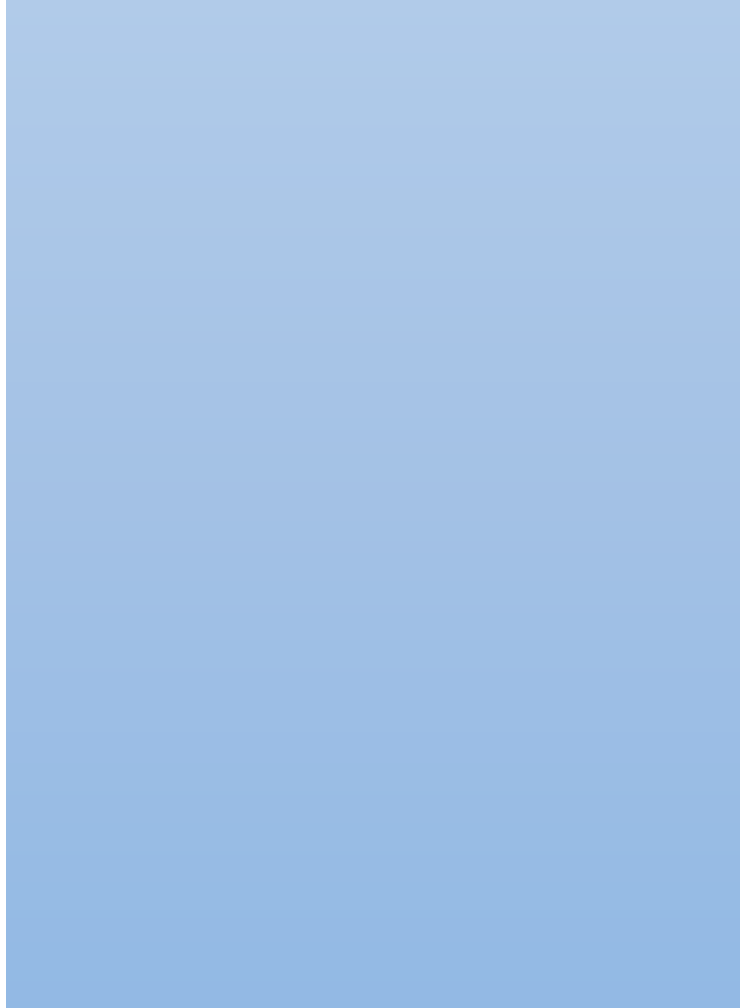
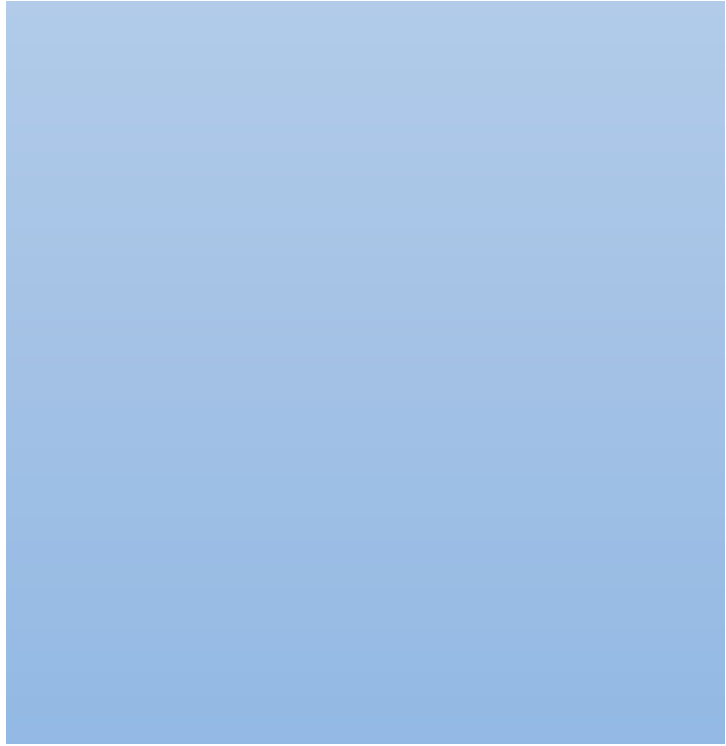
Education

Entertainment

Medicine

10 jobs that didn't exist 10 (or so) years ago







The top skills for success

Sought by College

- Assertiveness
- Responsibility
- SelfManagement
- Communication
- Collaboration
- Independent Work
- Critical Thinking
- Study
- Technological
- Tolerance for Ambiguity
- At Ease with Diversity
- Creative Thinking
- Ability to Follow Directions
- Having Personal Goals
- Being Engaged

Sought by Employers

- Analytical Ability
- Data Science
- Ability to Work Independently
- Technological Aptitude
- Resilience
- Project Management
- Transformational Leadership
- Remote Work Skills
- Unstructured Problem Solving
- Change Management
- Adaptability
- SelfMotivation and Organization
- Digital Communication Skills
- Grit

H

How Do We Use Technology? Esports

- Esports is booming a \$175B industry, 2.9B gamers and 45% are women.
- Scholarships, certifications, bachelor's/master's degrees, and careers.
-

How Do We Use Technology? ... Safety & Security

- 2,270 physical security cameras
- 732 doors secured with card readers



DEPENDENT S



Why Do We Need to Refresh Technology? ... Cheaper to Replace

- Cost of repairs exceeds cost of replacement
- Technology changes fast
- New technology is more



What Are the Technology and Safety/Security Needs?

What Are the Technology Needs? ...

Security Camera Update

- Modern video management software that streamlines investigations
- Camera maps of District facilities that aid staff in locating incidents quickly and identifying blind spots
- Higher resolution security cameras for enhanced video quality
- \$3,268,274

What Are the Technology Needs?

Infrastructure: Network

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life.”

- We will no longer qualify for support.

[Redacted text]

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to cybersecurity issues.

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software requirements.

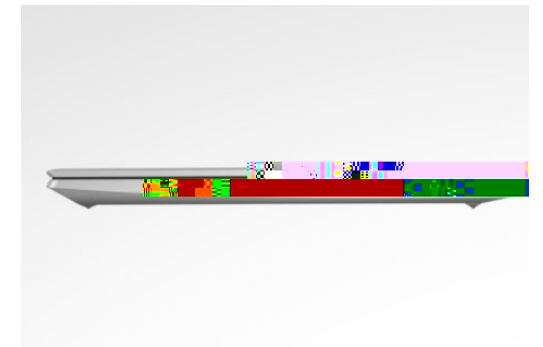
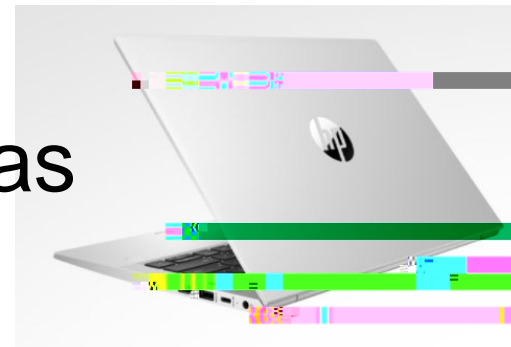
- \$10,439,228

Infrastructure: Large Format Displays impacting locations like classrooms, auditoriums, libraries, gyms, cafeterias, conference rooms.

What Are the Technology Needs? ...

Continue replacement cycle for teacher and staff devices:

- \$3,286,950
- Laptops
- Monitors
- Docking Stations
- Document Cameras



Questions, Comments, & Feedback

Buses

Sheri Nguyen
Director of Transportation

Environmental Benefits

Why Environmentally-Friendly School Buses Matter:

Most people don't realize how clean diesel now is or even why running an environmentally-friendly school bus fleet matters.

When you think of diesel fuel, you may think of a black sooty cloud coming out of the tailpipe of your school buses.*

Reality: Clean dieselschool bus emissions are now 90%



Benefits

Student Safety: Reliable Transportation

New buses are compartmentalized; equipped with seatbelts, shatter-proof glass, reinforced sides, high-back padded seats, and a raised one-piece floor.

Oldest Bus from 1998 (24 years old)

Average age of a bus 10 years old

Field Trip Buses / Sub Buses

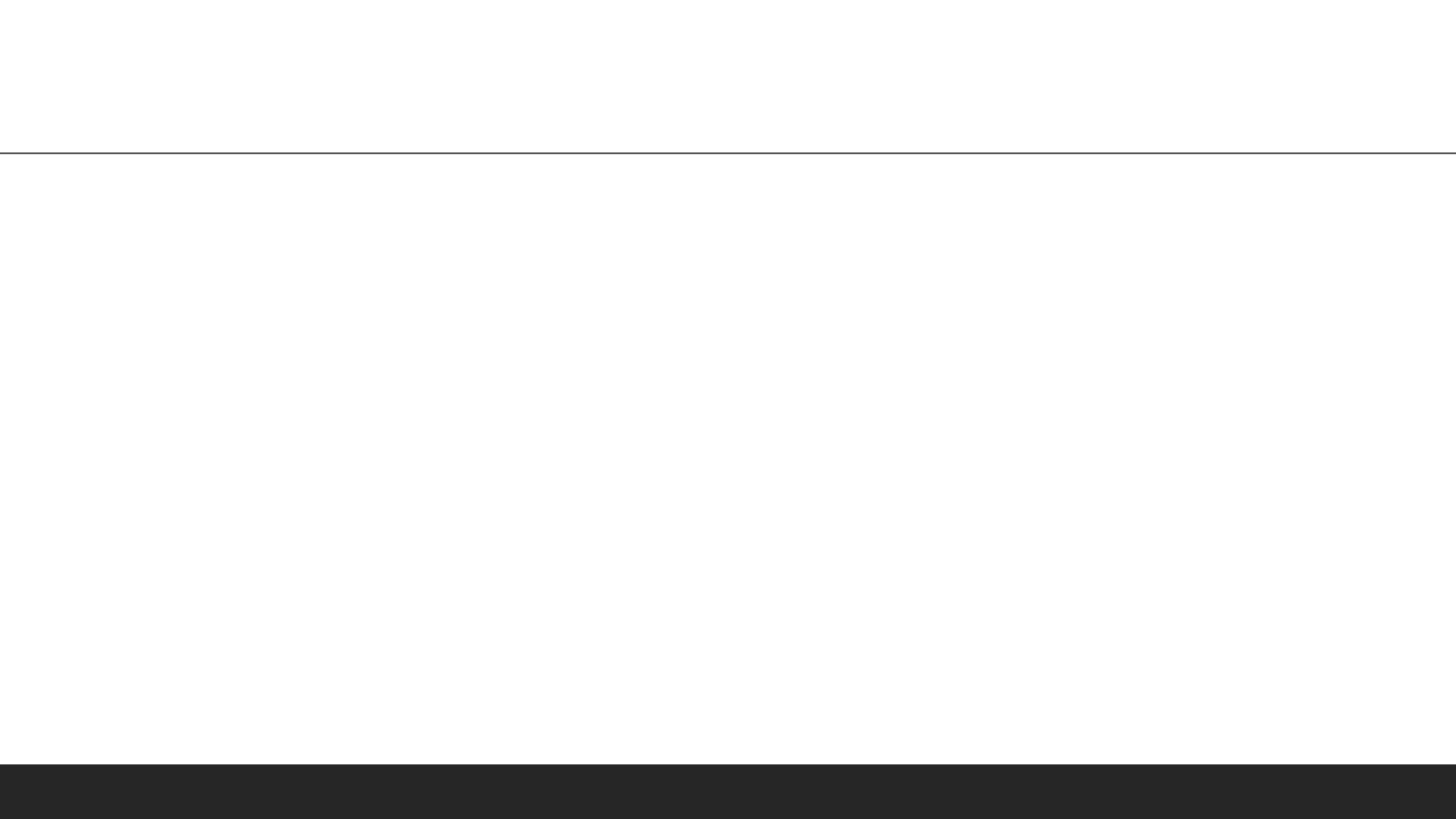
Oldest buses in the fleet

Maintenance Costs

Avg. Annual Upkeep per bus (Oil Changes, Tires, Brakes, etc.): \$5,500

Avg. Annual Labor Cost per bus: \$1,600



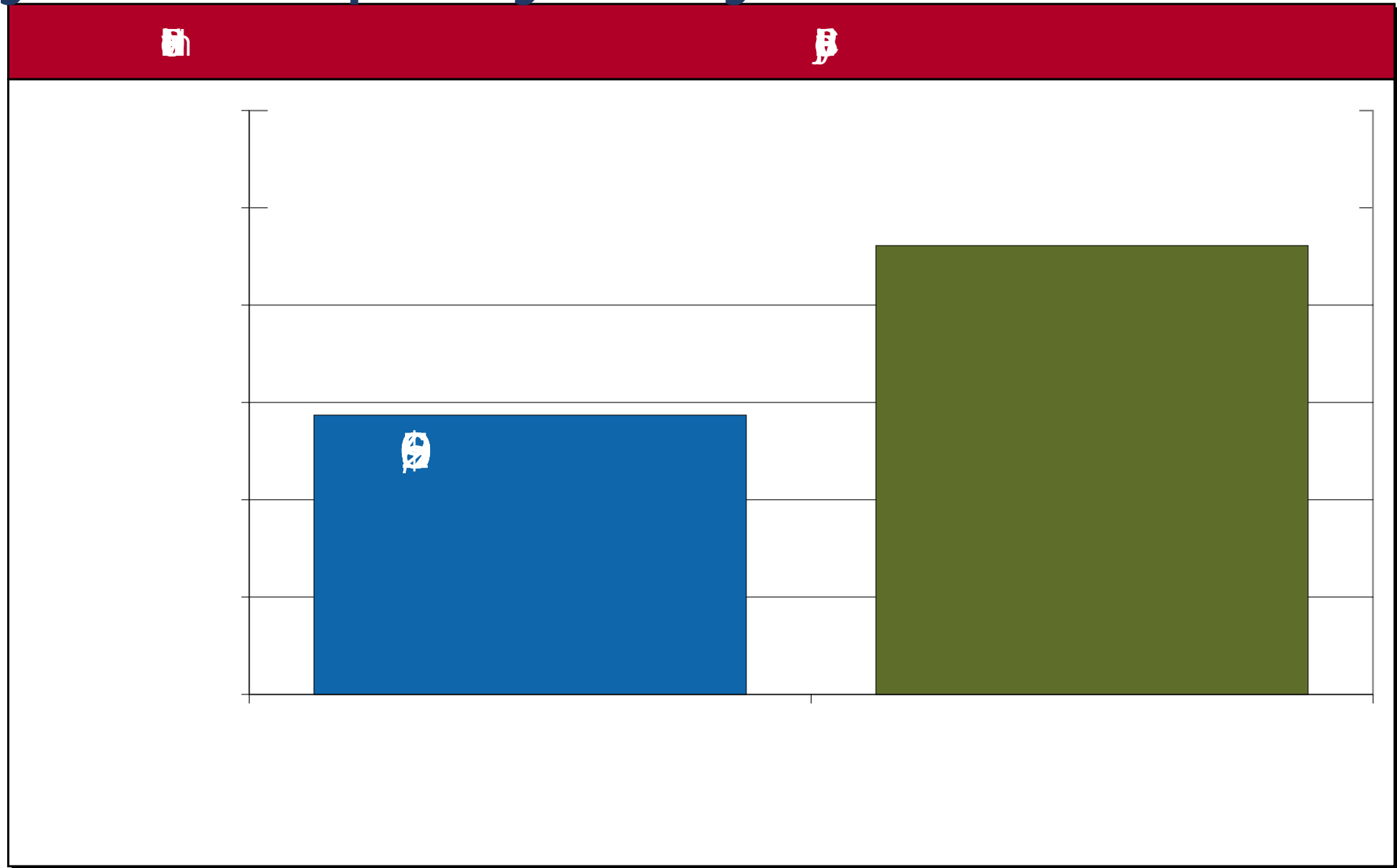


Questions

Bond Capacity Review

Katie Bowman, CPA
Associate Superintendent for
Finance & Auxiliary Services

Preliminary Bond Capacity Analysis



Ground Rules

- How will we work together on this historic project?
- Try thinking backwards ...
 - What would make these meetings a disaster?
- Ground Rules to consider ... please inform group of agreement or concerns.
 - Agree to all of them?
 - Some of them?
 - Add to them?
 - Take any away?



80% Rule

- Seek consensus!
- If after discussion, it is not achievable, 80% agreement will constitute a _____



Vote

- If a sustainable decision is not achievable, then a Super-Majority vote of two-thirds (67%) of the Committee will constitute a decision.
- (Even a Super-

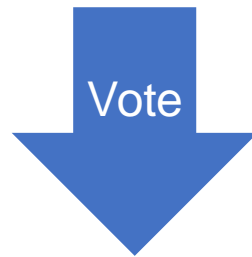
Proposed Decision-Making Model



Consensus



Sustainable Decision



SuperMajority of
2/3

Shared Values for this Work

- Understand dynamics of group decisionmaking process.



making.

ask questions.

Dynamics of Group Decision-Making

Info
Sharing

Idea
Generation

Proposal
Building

Decision
Making



- Your Worksheet
The Projects

Charge from the Board

- The Board has turned over crafting the contents of and the size of the 2022 bond package to this Committee.
- Other than what the law says and a few Board-imposed parameters, the Board is not telling the Committee what needs to be in this package that's your job.
- The Board ask you ...
 - To ask questions;
 - To listen respectfully to others; and
 - To speak up respectfully when it's your turn.

Charge from the Board

- The Board desires that the size of the overall bond package not increase the current I&S tax rate. They are basing that parameter assuming a moderate increase in property values.
- If the Committee's proposed package would potentially cause a tax rate increase, the Board asks that an overwhelming majority of the Committee support such a proposal.

Table Feedback

