

Facilities Advisory Committee Report

Clover Park School Board

January 23, 2017



Introductions

Rick Ring, CPSD Administrator for Business Services
Bill Coon, CPSD Director Capital Projects
Joel Davis, FAC Workshop Facilitator

Dennis Erwood, FAC Workshop Facilitator

James Guerrero, FAC Representative



Presentation Overview

FAC Introductions & Background Rick Ring

FAC Considerations Rick Ring

2015 Facility Condition Assessment FindingsJoel Davis

Woodbrook Middle School Rick Ring

FAC Recommendations & Comments James Guerrero

Wrap-up / Q&A / Next Steps Rick Ring



Facilities Advisory Committee School Board Charge

Facilities Advisory Committee (FAC) Purpose:

- Update the capital facilities master plan;
- Recommend short- and long-term solutions related to the District's deferred maintenance, educational adequacy of schools, safety and security, future plans and use of district property; and
- Consider a future capital bond proposition.

The FAC will be presented data to study and evaluate the overall condition of district facilities to identify and prioritize potential facility modifications, replacements, additions and/or closures to best enhance student achievement opportunities, and support the ongoing economic development and a healthy community. This data will include:

- Facility Condition Assessment Deferred Maintenance;
- Educational Standards;
- Technology;
- **Enrollment:**
- Financial Data.

- Safety and Security Standards;
- School Capacity;
- Demographics;



FAC Planning & Highlights

April-June 2016: FAC Planning Meetings

June 2016: Introductory FAC Workshops & Woodbrook discussions

June-September: FAC Subcommittee & Phase I Prioritization

September 2016: FAC Recommendation to Close Woodbrook

September-November 2016: FAC Informational Workshops

October-November 2016: FAC Facility Pre-design Studies

December 2016: SB Decision to design new middle school

December 2016: FAC Phase II Prioritization

January 2017: Prioritization Results and Recommendations



FAC Workshops - Schedule

June 22, 2016 Workshop #1 5:30 – 7:30 PM June 29, 2016 Workshop #2 5:30 – 8:30 PM Workshops are scheduled in the Auxiliary Service Center Conference Room unless noted otherwise.

September 21, 2016 Workshop #3 5:30 – 7:30 PM October 12, 2016
Workshop #4
5:30 – 7:30 PM

November 16, 2016 Workshop #5 5:30 – 7:30 PM

December 14, 2016 Workshop #6 5:30 - 7:30 PM January 11, 2017 Workshop #7 5:30 – 7:30 PM

School Board Presentation



FAC Considerations

Facility Analysis Reports (as evaluated by Meng Analysis in 2015)

- Facility Condition Assessment
- 2. Educational Adequacy Report
- 3. Security Measures Report

Woodbrook Middle School / Needs & Future Use

City of Lakewood Zoning Changes

Capital Funding & Bond Planning

Phase I Prioritization Process

Facility Pre-Design Studies

Lake City Property

Little Red Schoolhouse

District-wide Upgrades (Safety & Security, IT, etc.)

Phase II Prioritization: Recommendations



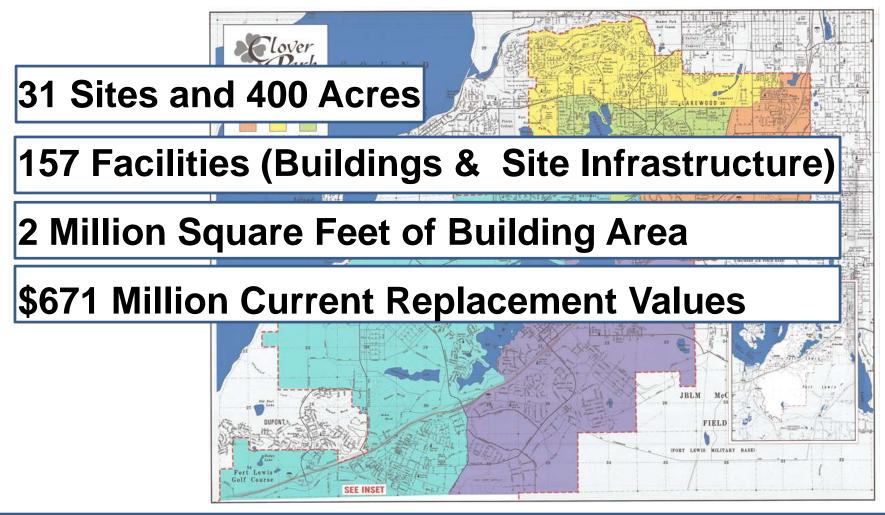
FAC Workshop #1 April 22, 2016 Overview / Highlights

Facility Condition Assessment

- Magnitude of Work
- Observed Deficiencies
- Predicted Renewals
- Educational Adequacies
- Security Measures



Facility Condition Assessment: Scope of Work - Magnitude





Facility Condition Assessment Findings (At-a-Glance)

Observed Deficiencies (OD) 2017-2021: \$112 million

Peak Cost Years: 2017 = \$48M

2018 = \$38M

Primary Subsystem Costs:

Electrical: \$19M

HVAC: \$17M

Interior Finishes: \$13M

Roofing: \$12M

Predicted Renewals (PR) 2017-2036: \$217 million

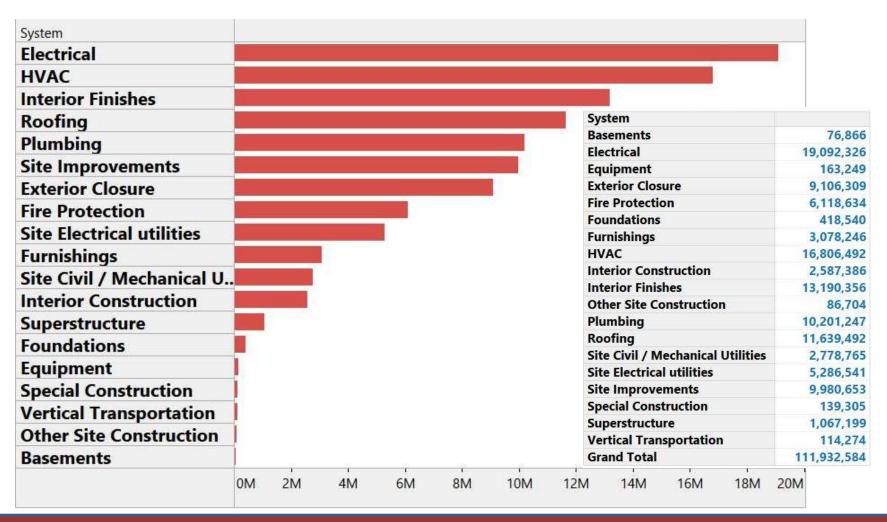
Portfolio Current Replacement Value (CRV): \$671 million

NOTE: OD and PR

are not additive



Clover Park Observed Deficiencies School District by System

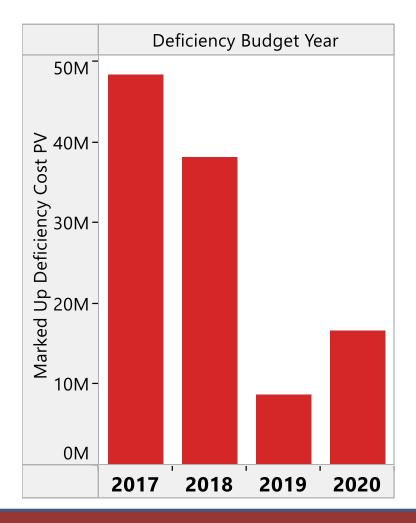




Observed Deficiencies by Year

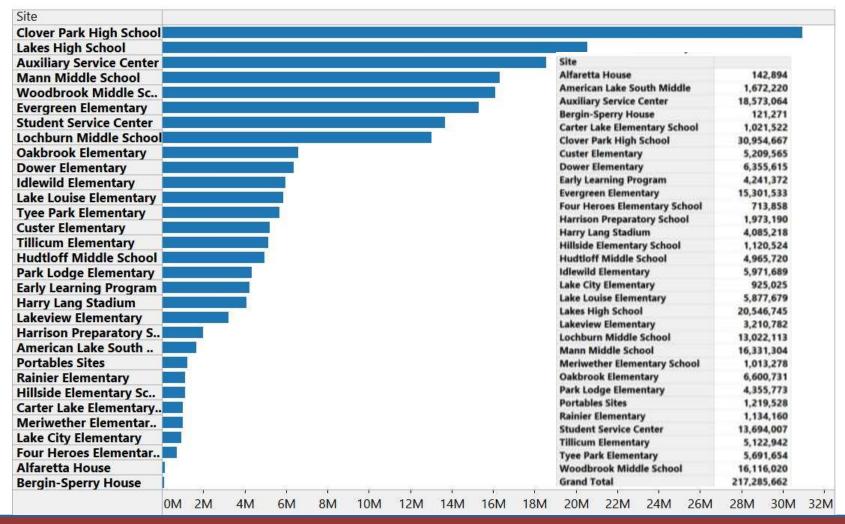
OD by Year

Deficiency Budget Year	
2017	48,396,985
2018	38,107,275
2019	8,729,449
2020	16,698,875
Grand Total	111,932,584



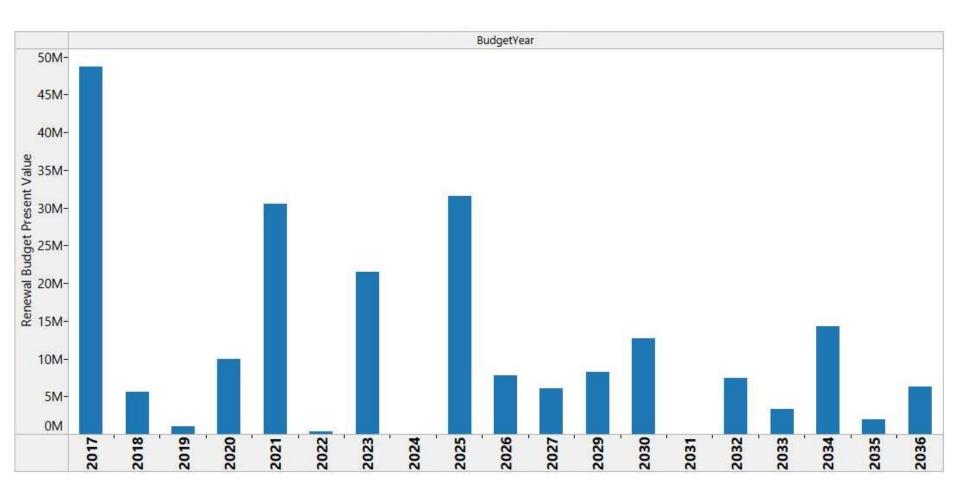


Predicted Renewals by Site (2017-2036)





Predicted Renewals by Year





Educational Adequacy Findings

Carter Lake ES	1
Clover Park HS	2.9
Custer ES	4.3
Dower ES	4.5
Evergreen ES	2
Four Heroes ES	1.8
Harrison Preparatory	1.1
Hillside ES	1.3
Hudtloff MS	1
Idlewild ES	4.6
Lake Louise ES	4.3
Lakes HS	1
Lakeview ES	2.3
Lochburn MS	3.5
Mann MS	3.8
Meriwether ES	1

Oakbrook ES

Rainier ES

Tillicum ES

Tyee Park ES

Woodbrook MS

Park Lodge ES

Score

4.1

2.9

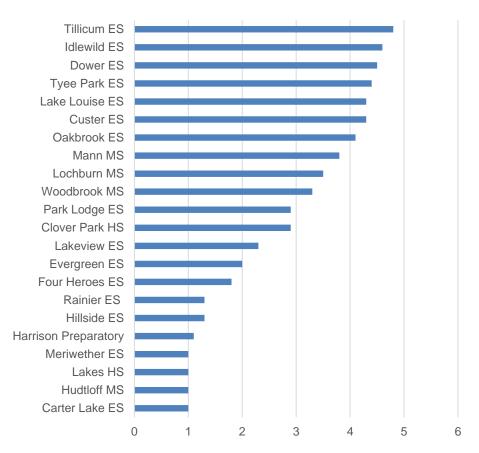
1.3

4.8

4.4

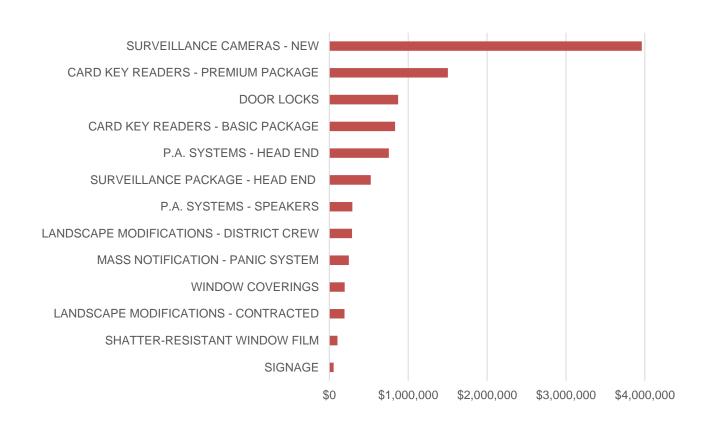
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Security Measures Costs by Systems





FAC Workshop #2 April 29, 2016 Overview / Highlights

City Zoning Changes Woodbrook MS Review

- Detailed Assessment Summary
- Short and Long Term Solution Scenarios
- FAC Small Group Discussions
 - Additional Scenarios Developed
- District Staff Sub-Committee
 - Sub-Committee will meet over the summer to review all optional scenarios



City Zoning Changes Related to Woodbrook MS

- July 10, 2000: Council adopts Ordinance No. 237
 creating its first permanent comprehensive plan; land
 use designations were established for the Woodbrook
 Middle School (Public Institutional). City also adopts
 policies to bring sewers to Tillicum & Woodbrook.
- August 21, 2001: Council adopts Ordinance No. 264 classifying the Woodbrook Middle school site as a Public Institutional use.
- December 6, 2004: City initiates process to bring sewers to Tillicum & Woodbrook. Council requests the Pierce County Council to enact a city-wide sewer surcharge (4.75%) for purpose of paying for sewer extensions.



Pending City Activity

- Revised zoning text amendment that would make Woodbrook Middle School a "nonconforming use."
- Revised zoning text amendment to allow industrial warehousing subject to an administrative use in the IBP zone.
- New industrial development permits pending in Woodbrook.
- Property owners are contemplating vacating Spring Street SW.
- Possible relocation of the WSDOT maintenance facility from Pacific Highway SW to Woodbrook.
- North Clear Zone/JBLM land swap.



Woodbrook District Staff Sub-Committee

- District staff developed six Woodbrook scenarios Feb to June 2016
- FAC reviewed and expanded the list of scenarios in late June
- Sub-Committee of district senior staff met twice from July to August to investigate and analyze impacts of all scenarios including FAC expanded list
- The Sub-Committee developed and evaluated (11) scenarios. These were then narrowed down to the following (4) scenarios that were presented to the FAC which supported two Options: to Repair; or to Close Woodbrook MS.
 - A. Repair Woodbrook MS
 - Sub-Committee Scenario 1a
 - B. Close Woodbrook MS
 - Sub-Committee Scenario 2
 - Sub-Committee Scenario 4
 - Sub-Committee Scenario 11



FAC Workshop #3 September 21, 2016 Overview / Highlights

Woodbrook MS Sub-Committee Update

Scenarios Reduced to (4) Options

FAC Woodbrook Recommendation / Close or Repair

Vote was to Close Woodbrook

Bond Planning Overview

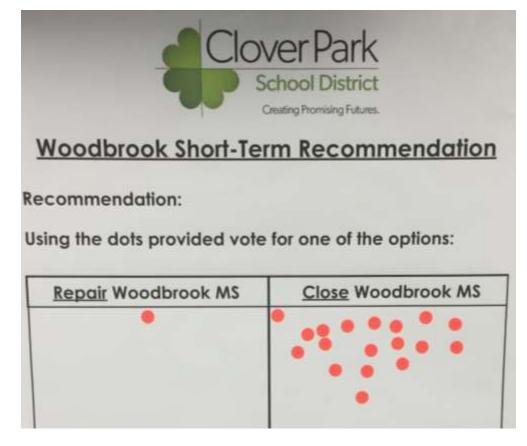
- Recent Election Results
- Capital Facilities Planning
- Tax Rate Projections



Woodbrook Middle School Short-term Recommendation

FAC Recommendation

B. Close Woodbrook





FAC Considerations: Tax Rate Planning

Bond Rating

- A higher bond rating results in lower interest rates.
- Assumption: Aa1 (with State Guarantee)

Aa3 District Rating (Pending)

A Guide to Bond Ratings

Moody's Investors Service – Founded 1860

Highest Quality

Aaa

Aa1, Aa2 Aa3

A1, A2, A3

Baa1, Baa2, Baa3

NR (Nonrated)

Lowest Quality



FAC Considerations: Bond Tax Rate Summary

Interest Rates: Future bond sales current plus 150 basis points

Bond Rating: Aa1 State Guarantee District Rating: Aa3 (pending)

Assessed Value Growth: Final 2016: 4.02% growth;

Projected 2017-2040: 1.50% growth;

Scenario	#17	#18	#19
Authorization Amount	\$90,000,000	\$90,000,000	\$90,000,000
Bond Sale Dates and Amounts			
June 1, 2018	\$90,000,000	\$45,000,000	\$30,000,000
December 1, 2019	-	\$45,000,000	\$30,000,000
December 1, 2020	-	-	\$30,000,000
Bond Tax Rates			
2016	\$1.40	\$1.40	\$1.40
Projected 2017	1.68	1.68	1.68
2018	1.70	1.70	1.70
2019	2.81	2.79	2.77
2020	2.81	2.79	2.77
2025	2.81	2.79	2.77
2030	2.81	2.79	2.77
2019 Bond Tax Rate Increase Over 2016	\$1.41	\$1.39	\$1.37
Total Interest Cost	\$66,530,000	\$65,191,000	\$63,161,000
Final Maturity	2037	2039	2040
Term	20 years	20 years	20 years



FAC Considerations: 2016 Tax Rate Planning

	Pierce County	School D	istricts			
	2016 Tota	l Tax Rate	S ⁽¹⁾			
Assessed Capital						
District	Value ⁽²⁾ (\$)	Bonds (\$)	M&O (\$)	Projects (\$)	Trans. (\$)	Total (\$)
Peninsula School District No. 401	10,152,441,218	0.4047	2.3033			2.7080
Fife School District No. 417	2,634,034,306	1.2161	3.0504			4.2665
Steilacoom Historical School District No. 1	2,682,780,757	2.1990	2.7269			4.9259
Eatonville School District No. 404	1,148,001,558	1.6958	3.8371			5.5328
Clover Park School District No. 400	4,919,980,928	1.4024	4.3081			5.7106
Yelm School District No. 2	411,862,183	1.6789	4.1117			5.7907
Auburn School District No. 408	769,791,198	1.5928	3.8706	0.3649		5.8283
Sumner School District No. 320	5,981,023,785	1.8494	3.5450	0.4374		5.8318
Puyallup School District No. 3	12,484,864,782	2.2908	4.0995	0.0804		6.4707
Carbonado School District No. 19	69,873,714	-	6.6600	-		6.6600
Bethel School District No. 403	9,162,005,227	1.8083	4.5786	0.4907		6.8776
University Place School District No. 83	2,900,696,367	2.5166	4.1357	0.2344		6.8868
Dieringer School District No. 343	1,560,489,467	2.2423	3.6228	1.1058		6.9708
Orting School District No. 344	1,098,975,430	3.1637	3.8456			7.0093
White River School District No. 416	2,305,454,288	2.9626	3.7610	0.4664		7.1900
Tacoma School District No. 10	20,038,528,844	2.5950	4.3155	0.5032		7.4138
Franklin Pierce School District No. 402	3,237,158,090	0.9576	5.3844	2.1509		8.4929

⁽¹⁾ Bond Assessed Value does not include TAV.

⁽²⁾ Pierce County Values Only.



FAC Workshop #4 October 12, 2016 Overview / Highlights

Facility Condition Assessment Prioritizations

Facility Pre-Design Studies & Cost Estimates

- Nine schools to be studied by (4) design firms
- Lochburn MS, Mann MS, Custer ES & Dower ES presented tonight

FAC Small Group Discussions

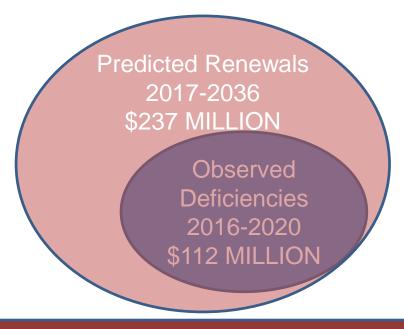
Lochburn MS, Mann MS, Custer ES & Dower ES



FCA / Educational Adequacy Phase I Prioritization

School Board Charge: "Data Driven Options" Two Tracks: Capital; and Major Maintenance Prioritization Options Included:

- 1. Education Adequacy (EA)
- 2. Facility Condition Index (FCI)
- 3. Weighted Average Condition Scores
- 4. Systems
- 5. Subsystems
- 6. Urgency (i.e., year)
- 7. Deficiency Condition Score
- 8. Grade Level (i.e., ES;MS;HS)
- 9. Database Priority Field





1) Education Adequacy - Capital Prioritization

OPTION 1: by Education Adequacy Site Meriwether ES Carter Lake ES Hudtloff MS Lakes HS Harrison Prep 1.1 1.3 Rainier ES Hillside ES Four Heroes ES 1.8 Evergreen ES 2.3 Lakeview ES Park Lodge ES 2.9 Clover Park HS 2.9 Woodbrook MS 3.3 Lochburn MS Mann MS 3.8 Oakbrook ES 4.1 4.3 Lake Louise ES Custer ES 4.3 4.4 Tyee Park ES Dower ES 4.5 4.6 Idlewild ES Tillicum ES 4.8

Addressing Educational Adequacy with an emphasis on program and functional needs are typically addressed by **Capital Programs**.



2) FCA - Major Maintenance Site Prioritization

OPTION 2: by FCI FCI Site Four Heroes ES 0.01 Harrison Prep 0.01 Meriwether ES 0.01 Rainier FS 0.01 Carter Lake ES 0.01 Hillside ES 0.01 Hudtloff MS 0.01 Lakeview ES 0.03 Lakes HS 0.04 Park Lodge ES 0.09 Auxiliary Service Center 0.13 Student Service Center 0.15 Clover Park HS 0.16 Evergreen ES 0.16 Oakwood ES 0.17 Southgate ES 0.20 Lake Louise ES 0.21 Dower ES 0.21 0.21 Lochburn MS Idlewild ES 0.22 Tyee Park ES 0.22 Mann MS 0.22 Tillicum ES 0.23 0.24 Oakbrook ES 0.24 Custer ES 0.27 Woodbrook MS Lake City ES 0.30 Alfaretta House 0.30 American Lake MS 0.34 Bergin-Sperry House 0.38

Assumptions:

- Educational vs. Support Facilities
- 2. Exclude Newest Facilities

Site	¥	۵	+
(All)			
Alfaretta House			
American Lake South Middle			
Auxiliary Service Center			
✓ Bergin-Sperry House			
Carter Lake Elementary School			
✓ Clover Park High School			
✓ Custer Elementary			
✓ Dower Elementary			
✓ Early Learning Program			
Evergreen Elementary			
✓ Harry Lang Stadium			
Hillside Elementary School			
Hudtloff Middle School			
✓ Idlewild Elementary			
Lake City Elementary			
✓ Lake Louise Elementary			
Lakes High School			
Lakeview Elementary			
✓ Lochburn Middle School			
✓ Mann Middle School			
✓ Oakbrook Elementary			
Park Lodge Elementary			
Portables Sites			
Student Service Center			
▼ Tillicum Elementary			
▼ Tyee Park Elementary			
Woodbrook Middle School			



2) FCA - Major Maintenance System Prioritization

OD by System

System	
Basements	76,866
Electrical	19,092,326
Equipment	163,249
Exterior Closure	9,106,309
Fire Protection	6,118,634
Foundations	418,540
Furnishings	3,078,246
HVAC	16,806,492
Interior Construction	2,587,386
Interior Finishes	13,190,356
Other Site Construction	86,704
Plumbing	10,201,247
Roofing	11,639,492
Site Civil / Mechanical Utilities	2,778,765
Site Electrical utilities	5,286,541
Site Improvements	9,980,653
Special Construction	139,305
Superstructure	1,067,199
Vertical Transportation	114,274
Grand Total	111,932,584

Assumptions:

- 1. Essential Infrastructure
- 2. System Preservation

System
(AII)
Basements
✓ Electrical
Equipment
✓ Exterior Closure
✓ Fire Protection
Foundations
Furnishings
✓ HVAC
Interior Construction
✓ Interior Finishes
Other Site Construction
✓ Plumbing
✓ Roofing
Site Civil / Mechanical Util
✓ Site Electrical utilities
✓ Site Improvements
Special Construction
Superstructure
Vertical Transportation



2) FCA - Major Maintenance Prioritization Results

ODs Priority Sites & Systems

Site	
Bergin-Sperry House	275,285
Clover Park High School	12,540,842
Custer Elementary	5,586,426
Dower Elementary	4,772,805
Early Learning Program	2,767,166
Harry Lang Stadium	651,596
Idlewild Elementary	4,871,063
Lake Louise Elementary	4,201,408
Lochburn Middle School	7,771,768
Mann Middle School	10,563,452
Oakbrook Elementary	4,904,952
Tillicum Elementary	5,756,774
Tyee Park Elementary	6,014,624
Grand Total	70,678,161



Facility Pre-Design Studies

The FAC was asked to focus on prioritizing potential facility modifications at those schools with the poorest facility condition scores and highest amount of Observed Deficiency costs in order to maximize the District's limited future bonding capacity.

CPSD staff identified nine (9) schools with the highest needs and contracted with four design firms to perform pre-design studies at those schools. Options were identified with conceptual cost estimates to address deficiencies and to enhance the learning environments of those nine schools.

- Lochburn MS
- Mann MS
- Custer ES
- Dower ES
- Oakbrook ES
- Tillicum ES
- Tyee Park ES
- Idlewild ES
- Lake Louise ES



FAC Workshop #5 November 16, 2016 Overview / Highlights

Facility Pre-Design Studies & Cost Estimates

- Idlewild ES, Lake Louise ES, Oakbrook ES, Tillicum ES, Tyee Park ES
- Clover Park HS / Performing Arts Center & Gym

District-Wide Improvements & IT Upgrades

Little Red Schoolhouse

Lake City Property

FAC Small Group Discussions



District-Wide IT Goals

- 1. Infrastructure-Network Safety & Security
- 2. Student Access to Technology
- 3. Media Rich Classrooms/Interactive Technology/Maintain District Equity
- 4. Refine & Implement Data Management and Reporting Systems



District-Wide Improvements

- Safety & Security
- Equity Needs
- Environmental Needs
- Technology Infrastructure
- Code Upgrades
- Site Issues



FAC Workshop #6 December 14, 2016 Overview / Highlights

- Board authorized hiring an architect to design new middle school for the anticipated closure of Woodbrook in June - December 2019
- Architectural designs and cost estimates will determine next steps
- Funding source State Construction Assistance Funds / CPSD Capital Projects funds
- Facility Prioritization Review
 - Large Capital, Small Capital, Asset Disposition, Major Maintenance, District Wide Upgrades
- FAC Small Group Discussions & Prioritization Voting
 - Asset Disposition Questionnaires



FAC Workshop #7 January 11, 2017 Overview / Highlights

FAC Prioritization Voting Results

- Large Capital
- Asset Disposition / Questionnaire Results
- Major Maintenance
- District Wide Upgrades
- Small Capital

FAC Recommendations



FAC Phase II Prioritization Results

Five Asset Management Categories

- 1. Asset Disposition
- 2. Large Capital
- 3. Major Maintenance
- 4. District Wide Upgrades
- 5. Small Capital





School District Prioritization Results

ASSET DISPOSITION				
CRITERIA	YES	20		
"Consolidation of Elementary Schools vs Standalone Replacements/Modernizations"	16	0		
Demolish the Little Red School House but Honor the Historical Features in a future Capital Project		1		
Maintain Lake City property for future CPSD Facility	16	0		



Prioritization Results: Asset Disposition

FAC Comments: Consolidation

- Get the most efficiency possible.
- I encourage consolidation.
- Maximize utilization of combining where necessary.
- Provides cost savings (Custer/Dower and Tillicum/Tyee Park)
- I think this is the best option for smaller sites and allows for "swing space" when building future consolidated sites. Our model of 650 elementary schools is most efficient and cost effective.
- Tax base and demographics make affordability tough.
- Seen benefits of consolidation my belief that it makes the District more marketable into the future.
- Need to build the school bigger; therefore, consolidation is a much better option.
- Consolidation allows for better stewardship of public funds



Prioritization Results: Asset Disposition

FAC Comments Little Red School House

- Too expensive for value.
- I believe this property is a liability under risk management, it should be demolished.
- The funding required is understood. If this building is demolished, it is imperative that CPSD turn this into a future opportunity for partnership. Do NOT just demolish and move on. Be forward thinking relative to preservation for the next generation.
- Use what can be used to preserve history value.
- I like the idea of preserving some aspect of the former school in a future project. Like Stephanie said tonight, we shouldn't ignore situations like this is in the future.
- Our city and/or historical society to have an opportunity to do something with it.



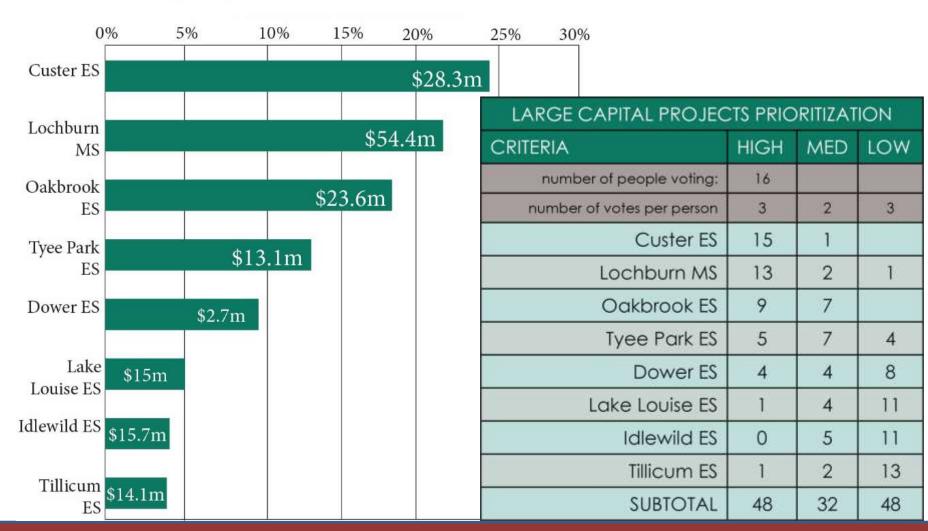
Prioritization Results: Asset Disposition

FAC Comments: Lake City Property

- Tough choice but good site for consolidation.
- This is difficult revenue would be great but I recommend against disposing of a site for a future school.
- This is important to maintain flexibility as you move through your future growth and changes.
- TL/TP: Lake City could be considered for consolidating Tillicum/Tyee Park.
- We will not be able to purchase this type of property easily in the future. We need to
 reserve a property for a future school. There is little cost to us to maintain ownership of the
 property.
- As the density rises in the area, value of this property for the district will rise. The community of Lake City is looking to keep a school in this area.
- Land is difficult to find in Lakewood.
- This property is a prime site for future use.
- Don't sell!!! Other: Look for "partners" for the next bond. Previous "partners were B&G Club and CPTC.
- Good location for a school and it's always about location!

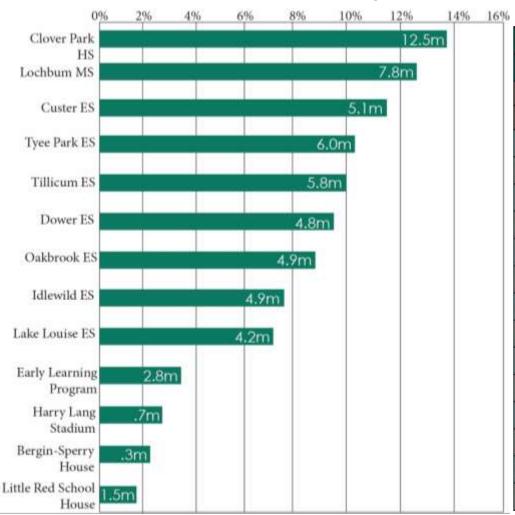


Large Capital Prioritization





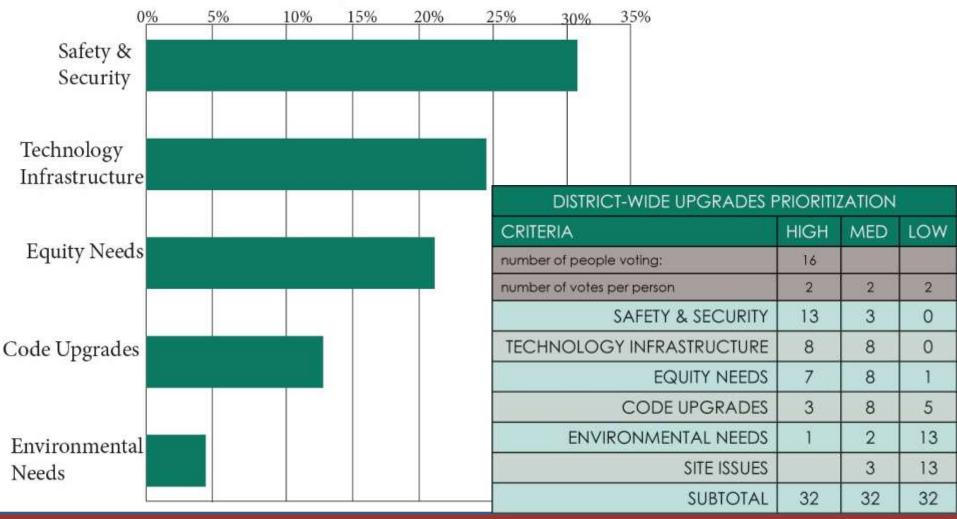
Prioritization Results: Major Maintenance



MAJOR MAINTENANCE PRIORITIZATION				
CRITERIA	HIGH	MED	LOW	
number of people voting:	16			
number of votes per person	4	5	-4	
Clover Park HS	13	1	2	
Lochburn MS	10	6	0	
Custer ES	10	3	3	
Tyee Park ES	6	10	0	
Tillicum ES	7	7	2	
Dower ES	6	8	2	
Oakbrook ES	5	9	2	
Idlewild ES	4	9	3	
Lake Louise ES	2	13	1	
Early Learning Program	1	3	12	
Harry Lang Stadium	0	5	11	
Bergin-Sperry House	0	4	12	
Little Red School House	0	2	14	
SUBTOTAL	64	80	64	

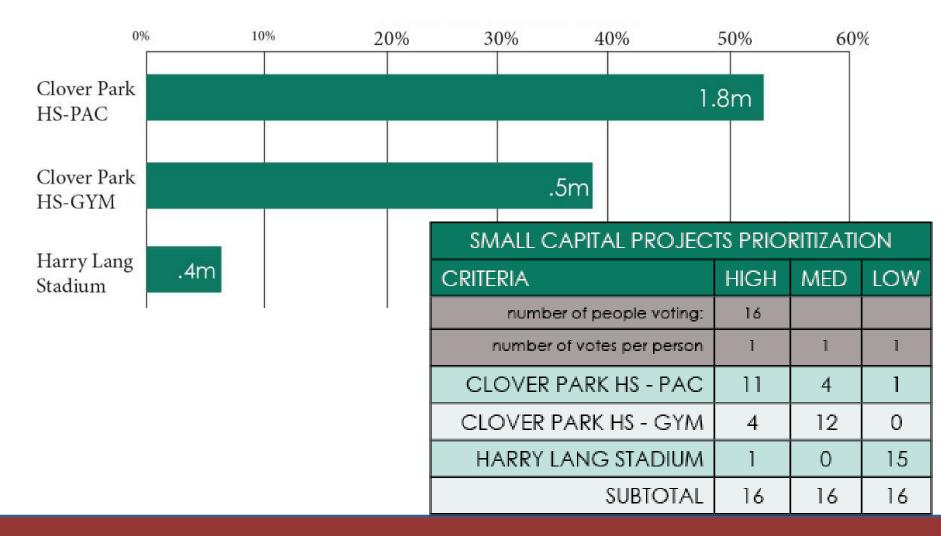


Prioritization Results: District Wide Upgrades





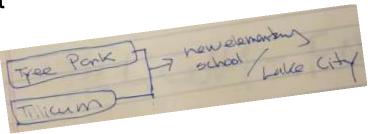
Prioritization Results: Small Capital

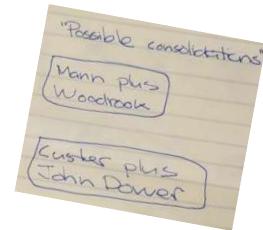




FAC Recommendations

- 1) Close Woodbrook Middle School
- Develop the New Middle School (i.e., consolidate Woodbrook MS & Mann MS) at the Mann MS site
- Consolidation of Elementary Schools in lieu of Developing Standalone Replacements/Modernization Projects
- 4) Demolish the Little Red School House, but Honor the Historical Features in a Future Capital Project









FAC Recommendations

- Maintain Lake City Property for Future 5) **CPSD** Facility
- On-going Facilities Advisory 6) Committee/Bond Planning Committee
- Long-Term Masterplan (e.g., sequential 7) bonds in 2018, 2024, 2032)

Increase Annual Funding for Major 8)

Maintenance

Andred openioniary school

-Could combine 2

HANED OVER LOVE

FACILITIES

· LACK OF FIRE APRIATIONS / WAR SEPT

. TLUGH - FOR FOR EXPOSURE PROGRAMS

· CHARDT ENFOUMERITS IN CAPACITY

· NEED LANK THE PLAN



School District FAC Recommendations

Questions?



Wrap Up - Next Steps

- Selection of Planning & Design Consultants for New Middle School
- 2. On-going FAC Meetings
 - A. Bond Planning
 - B. Evaluations of Priority Capital Projects vs. Major Maintenance
- 3. Bond Campaign 2018?



