
CANTON PUBLIC SCHOOLS

Comprehensive Facilities Assessment



9.7.2017 School Committee

Agenda

- Welcome
- Study Overview
- Study Conclusions
- Implementation Plan
- Next Steps

Overview

Process Overview

Facilities Assessments

- Code
- Architectural elements
- Structural assessment
- Systems: mechanical, electrical, plumbing
- Site & Civil assessment
- Safety & Security



Programmatic Analysis

- MSBA Comparative Analysis
- Utilization Analyses
- Principals' Interviews
- Visioning Sessions
- Principals' workshops



Options

- District-wide
- Site-specific short list
- Cost Estimates



Study Conclusion

- Publish Final Report
- Final recommendation to School Committee



Overview

Key Findings

- **Facilities' Physical Condition**
 - Well maintained, but aging. All older portions will need renovation/replacement over 25-30 years
- **Enrollment Projections**
 - Modest growth expected. More classrooms needed across district.
- **Educational Vision**
 - Existing facilities misaligned with educational vision. Renovations are necessary to address.

Overview

Objectives to Meet

- Address Physical Conditions
- Align Facilities with Educational Vision
- Eliminate Missing & Inappropriate Spaces
- Alleviate Existing and Future Overcrowding
- Co-locate Pre-Kindergarten Programs w/
Elementary Grades
- Improve District Offices

Overview

Solutions Tool Kit

- Alterations to Daily School Schedule
- More Children per Classroom
- Grade Reconfiguration
- Renovations/Additions
- New Construction

Options

25-30 Years

Options – 5 Grade Configurations/ 11 Options

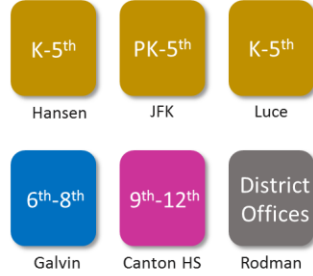
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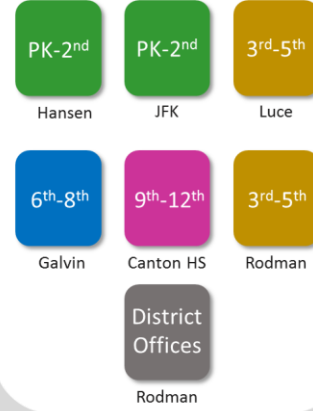
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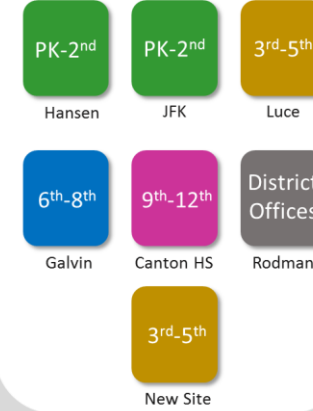
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2A



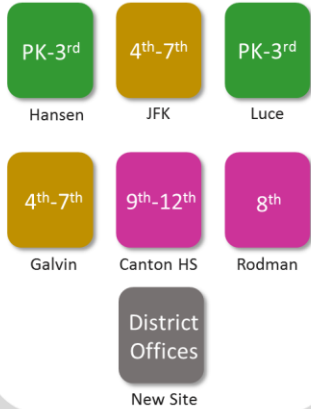
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2C



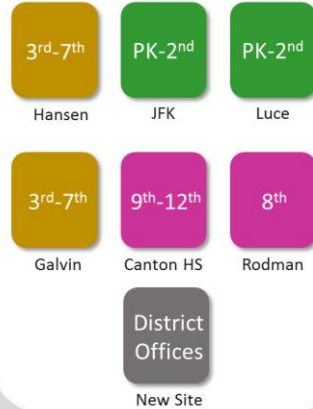
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3B



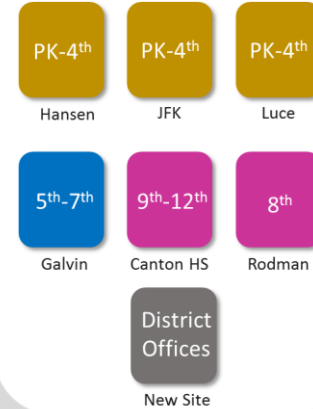
4A



5A



5B



Options Evaluation

	Option 1: PK/ K-5/ 6-8/9-12			Option 2: PK-2/ 3-5/ 6-8/ 9-12			Option 3: PK-3/ 4-7/ 8-12		Option 4: PK-2/ 3-7/ 8-12	Option 5: PK-4/ 5-8/9-12 PK-4/5-7/9-12	
Criterion	Option 1A: Current districting, additions where required	Option 1B: Concentrated addition at single elementary school	Option 1C: Concentrated addition at single elementary school, PK co- located	Option 2A: Redistrict: (2) PK- 2; (2) 3-5 Rodman converted to 3-5	Option 2B: Redistrict: (2) PK-2; (2) 3-5 New 3-5	Option 2C: Redistrict:(2) PK- 2; (2) 3-5 Twin 3-5 @ Hansen	Option 3A: Grade Reconfiguration & Redistrict Major Additions at PK-3 Schools	Option 3B: Grade Reconfiguration & Redistrict New PK-7 & District Offices	Option 4A: Redistrict, Reconfigure, Repurpose Rodman as 8th. No major additions	Option 5A: Reconfigure, Major intervention at Galvin as 5-8	Option 5B: Reconfigure & Repurpose, Major Intervention at Rodman to become 8th Grade
Addresses Building Conditions	4	3	4	3	3	3	3	1	1	4	4
Aligns Facilities w Ed. Vision	1	3	5	3	3	3	5	4	2	4	4
Time to Completion	3	3	5	3	5	5	1	2	3	5	3
School Size	3	3	4	4	5	5	1	2	3	4	4
Operational Cost Impact	3	1	5	1	1	5	1	1	1	5	1
Grade Configuration	3	3	3	4	4	4	4	4	4	4	5
Enrollment Parity at Schools of Same Grade Configuration	2	2	3	2	3	5	3	3	4	5	5
Positive Impact to the Most Students	3	3	3	3	3	5	4	2	4	5	5
Totals	22	21	32	23	27	35	22	19	22	36	31

Short-listed Options

1C

PK, PK-5th, 6th-8th, 9th-12th



Total Master Plan Cost:
\$291.1 M

Estimated Town Share:
\$195.4 M

2C

PK-2nd, 3rd-5th, 6th-8th, 9th-12th

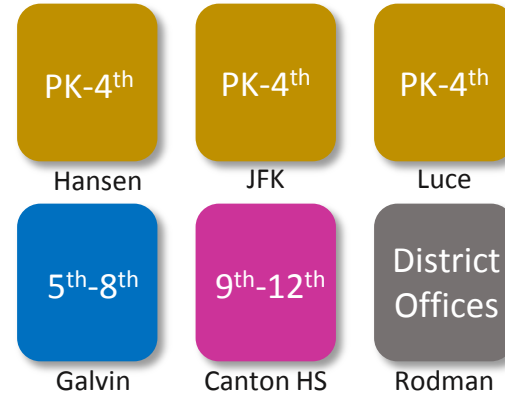


Total Master Plan Cost:
\$292.3 M

Estimated Town Share:
\$210.2 M

5A

PK-4th, 5th-8th, 9th-12th

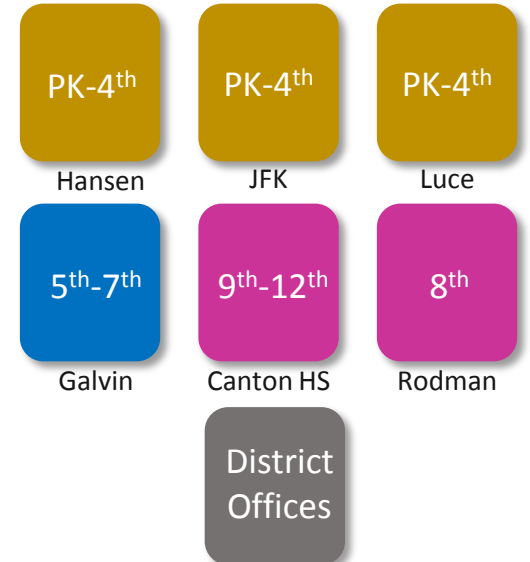


Total Master Plan Cost:
\$286.4 M

Estimated Town Share:
\$192.7 M

5B

PK-4th, 5th-7th, 8th-12th



Total Master Plan Cost:
\$315.2 M

Estimated Town Share:
\$213.9 M

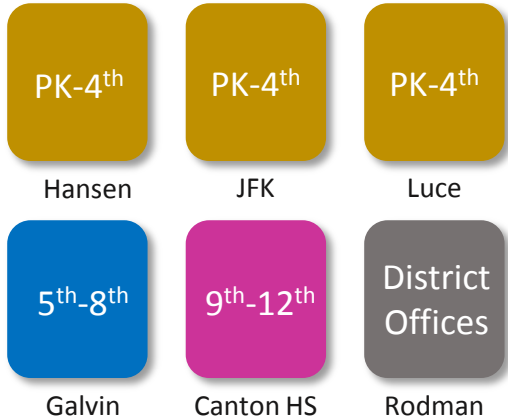
Visioning Workshop #3

Visioning Outcomes

5A

22

PK-4th, 5th-8th, 9th-12th



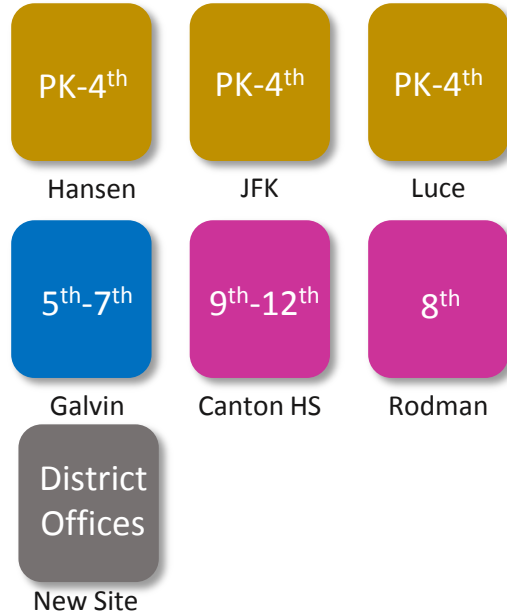
Total Master Plan Cost:
\$286.4 M

Estimated Town Share:
\$192.7 M

5B

15

PK-4th, 5th-7th, 8th-12th



Total Master Plan Cost:
\$315.2 M

Estimated Town Share:
\$213.9 M

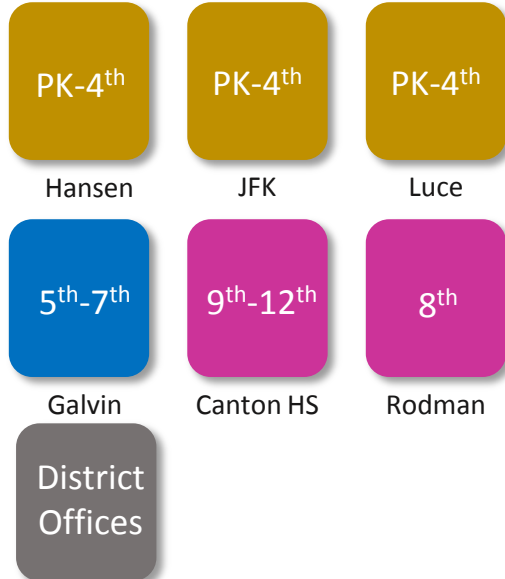
- Option group 5 unanimously preferred
- 8th grade students feel more developmentally aligned with 9th grade students than 7th grade students
- District Offices perceived as lower priority than schools
- Broad support for locating PK at the elementary schools

Options Evolution

Option 5B → Option 5B.1

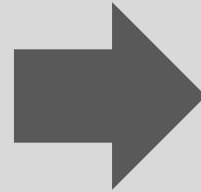
5B

PK-4th, 5th-7th, 8th-12th



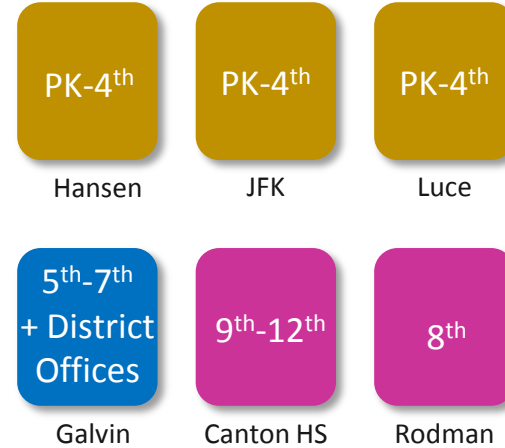
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\$315.2 M

Estimated Town Share:
\$213.9 M



5B.1

PK-4th, 5th-7th, 8th-12th



Total Master Plan Cost:
\$315.2 M

Estimated Town Share:
\$213.9 M

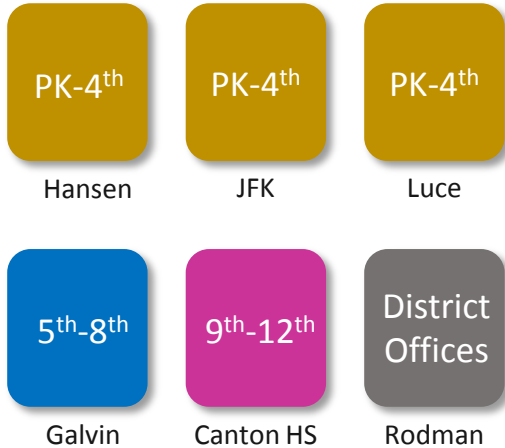
Public Meeting #2

Public Meeting Outcomes

5A

5

PK-4th, 5th-8th, 9th-12th



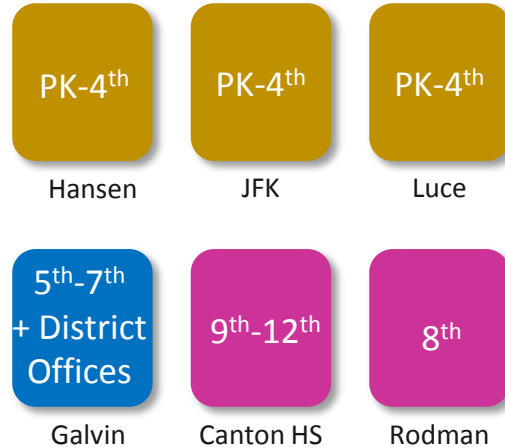
Total Master Plan Cost:
\$286.4 M

Estimated Town Share:
\$192.7 M

5B.1

15

PK-4th, 5th-7th, 8th-12th



Total Master Plan Cost:
\$315.2 M

Estimated Town Share:
\$213.9 M

- 5B.1 has potential to impact more students earlier in the timeline – regardless of MSBA participation
- Exciting opportunities for 8th grade academy
- Some apprehension about moving the 8th grade to the high school
- Many projects to be initiated early in the timeline

Master Plan Recommendation

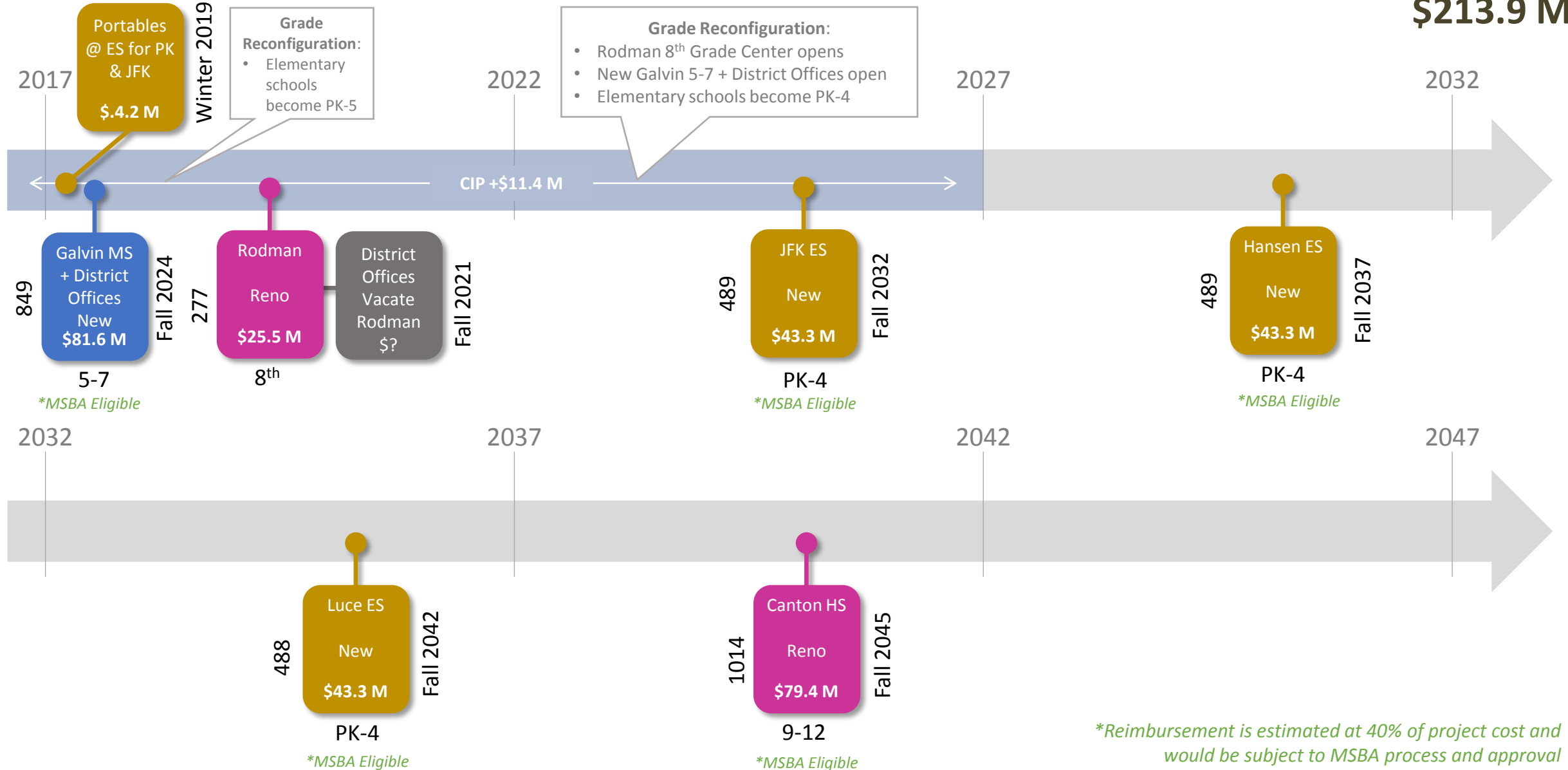
Option 5B.1

Secondary Focus – Modified Grade Configuration

Hansen PK-4th
JFK PK-4th
Luce PK-4th
Galvin 5th-7th
Rodman 8th
HS 9th-12th
Galvin District Offices

Project CIP Reimbursable* **\$315.2 M**
 +\$11.4 M
 (\$112.5 M)

\$213.9 M

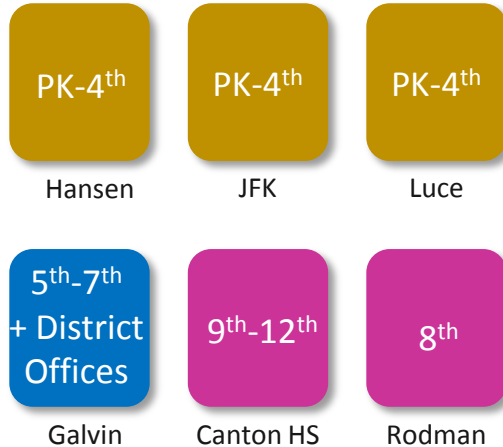


*Reimbursement is estimated at 40% of project cost and would be subject to MSBA process and approval

Public Meeting Outcomes

5B.1

PK-4th, 5th-7th, 8th-12th



Total Master Plan Cost:
\$315.2 M

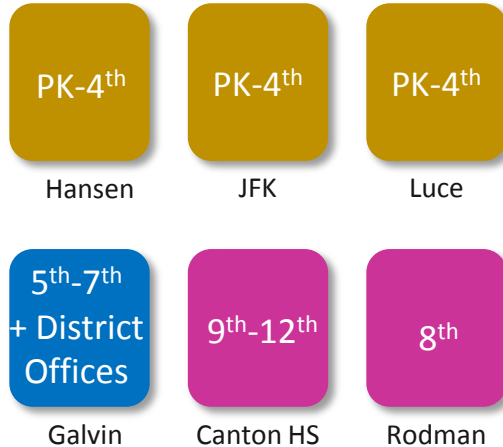
Estimated Town Share:
\$213.9 M

- 1. Fall 2017** - Initiate modulars at elementary schools for PK (1-2 years)
 - Funding, design, bid, installation
- 2. Winter 2018** - Submit SOI for Galvin
 - MSBA process takes minimum 6 ½ years: SOI, eligibility, feasibility, schematic design, design, documentation, construction (open fall 2024)
- 3. Spring 2018** - Initiate Rodman renovation
 - Town approval & funding
 - Design, documentation & construction (2-3 years)

Public Meeting Outcomes

5B.1

PK-4th, 5th-7th, 8th-12th



Total Master Plan Cost:
\$315.2 M

Estimated Town Share:
\$213.9 M

4. **2019** – Initiate temporary relocation of District Offices
 - Determine location, perform necessary design and construction (timeline TBD)
5. **2019** - Relocate PK program to modulars
6. **2021** - Move 8th grade into renovated Rodman, 5th grade into Galvin, PK into elementary schools
7. **2023** - Submit SOI for JFK
8. **2024** – Open new 5th-7th middle school

Next Steps

- 1. Approve Master Plan 5B.1**
- 2. Initiate Modulars for PK program**
- 3. Submit SOI for Galvin**

Thank You