
CANTON PUBLIC SCHOOLS

Comprehensive Facilities Assessment



6.8.2017 School Committee

Agenda

- Welcome & Overview
- Options Presentation
- Shortlist Presentation
- Visioning Feedback
- Recommended Shortlist
- 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



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


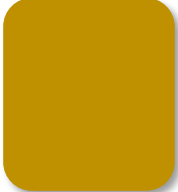


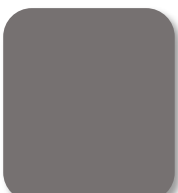
Solutions Tool Kit

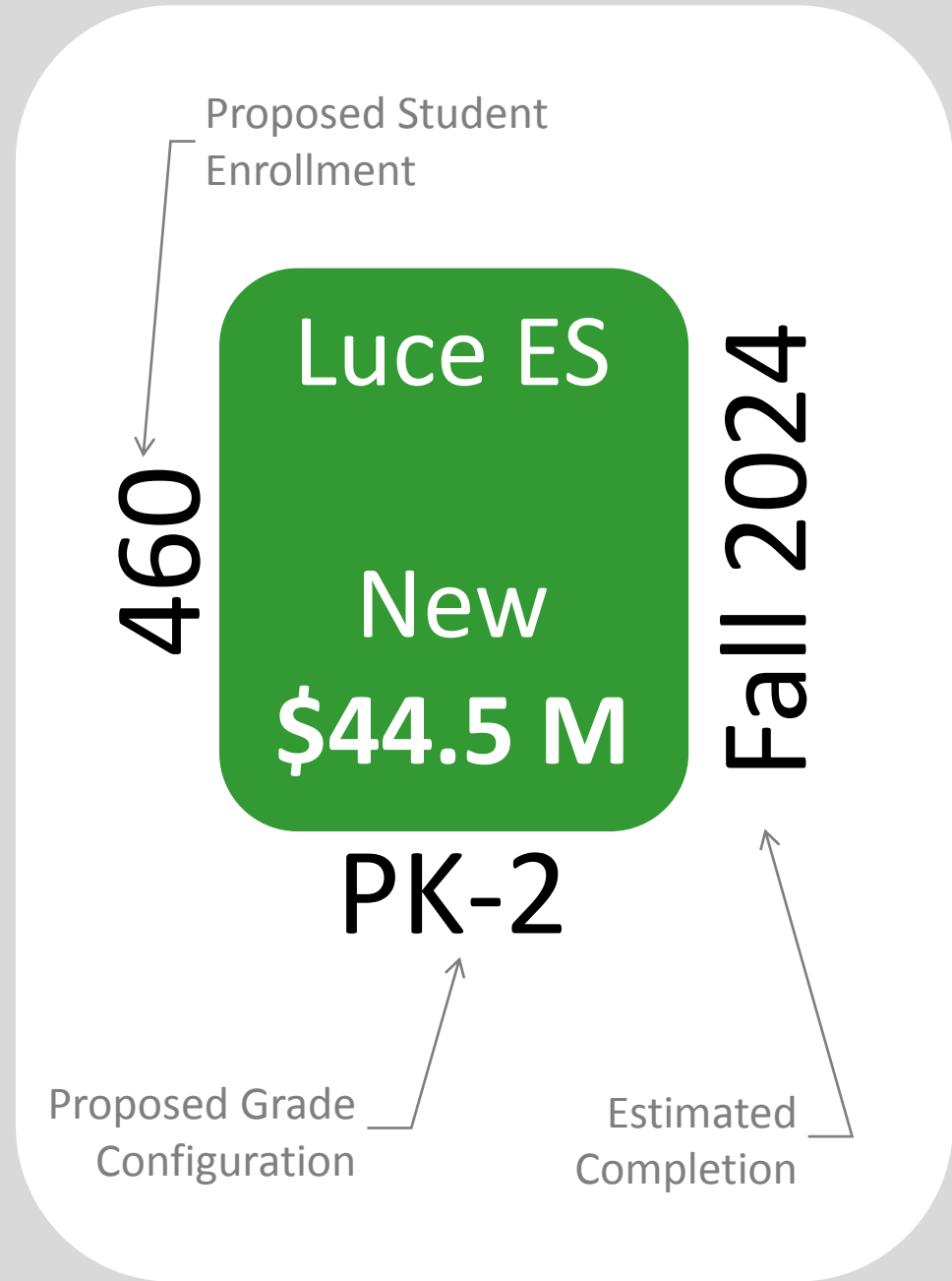
- Alterations to Daily School Schedule
- More Children per Classroom
- Grade Reconfiguration
- Renovations/Additions
- New Construction

Options

25-30 Years

Legends

-  Early Childhood
-  Elementary
-  Middle School
-  High School
-  District Offices



Options – Group 1: PK | K-5 | 6-8 | 9-12

1A



Hansen

JFK

Luce



Galvin



Canton HS



Rodman

1B



Hansen

JFK

Luce



Galvin



Canton HS



Rodman



New Site

1C



Hansen

JFK

Luce



Galvin



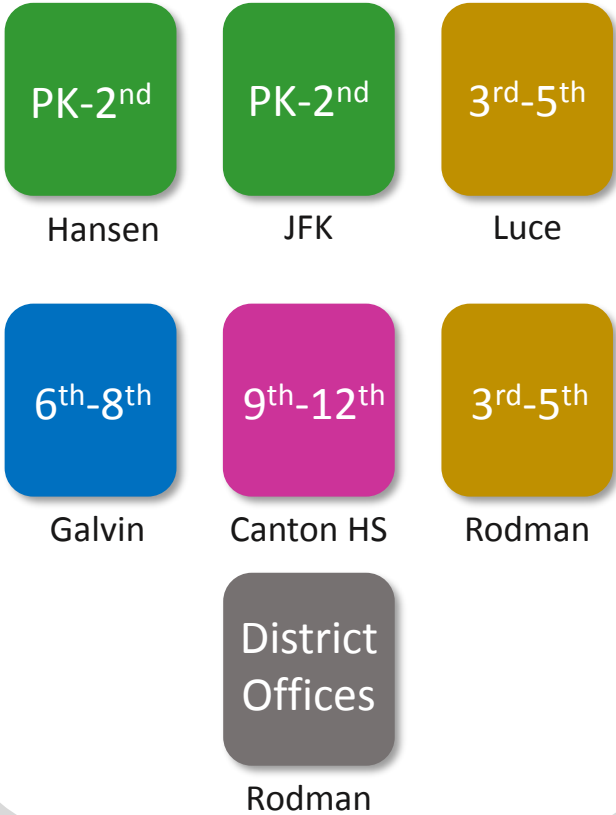
Canton HS



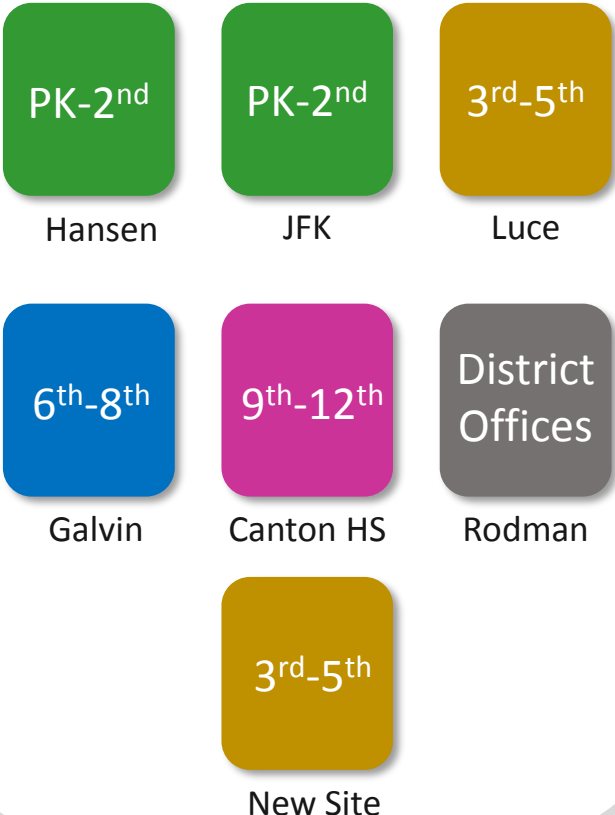
Rodman

Options – Group 2: PK-2 | 3-5 | 6-8 | 9-12

2A



2B



2C



Options – Group 3: PK-3 | 4-7 | 8-12

3A



Hansen

JFK

Luce



Galvin

Canton HS

Rodman



New Site

3B



Hansen

JFK

Luce



Galvin

Canton HS

Rodman



New Site

Options – Group 4: PK-2 | 3-7 | 8-12

4A

3rd-7th

Hansen

PK-2nd

JFK

PK-2nd

Luce

3rd-7th

Galvin

9th-12th

Canton HS

8th

Rodman

District
Offices

New Site

Options – Group 5: PK-4 | 5-8 | 9-12

5A

PK-4th PK-4th PK-4th

Hansen JFK Luce

5th-8th 9th-12th District Offices

Galvin Canton HS Rodman

5B

PK-4th PK-4th PK-4th

Hansen JFK Luce

5th-7th 9th-12th 8th

Galvin Canton HS Rodman

District Offices

New Site

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

K-5 th	PK-5 th	K-5 th
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Hansen JFK Luce

6 th -8 th	9 th -12 th	District Offices
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Galvin Canton HS Rodman

2C

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

3 rd -5 th	PK-2 nd	PK-2 nd
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Hansen JFK Luce

6 th -8 th	9 th -12 th	District Offices
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Galvin Canton HS Rodman

5A

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

PK-4 th	PK-4 th	PK-4 th
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Hansen JFK Luce

5 th -8 th	9 th -12 th	District Offices
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Galvin Canton HS Rodman

5B

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

PK-4 th	PK-4 th	PK-4 th
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Hansen JFK Luce

5 th -7 th	9 th -12 th	8 th
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Galvin Canton HS Rodman

District Offices

New Site

Preferred Options

Truth Tests, Sequence,
& Cost Estimates

Capital Improvements – 10 Years,

\$50.3 M

Hansen ES

1968/1996/2000

\$3.5 M

JFK ES

1964/2011

\$8.4 M

Luce ES

1954/2000

\$5.5 M

Galvin MS

1971/2002

\$17.9 M

Canton HS

1959/2007

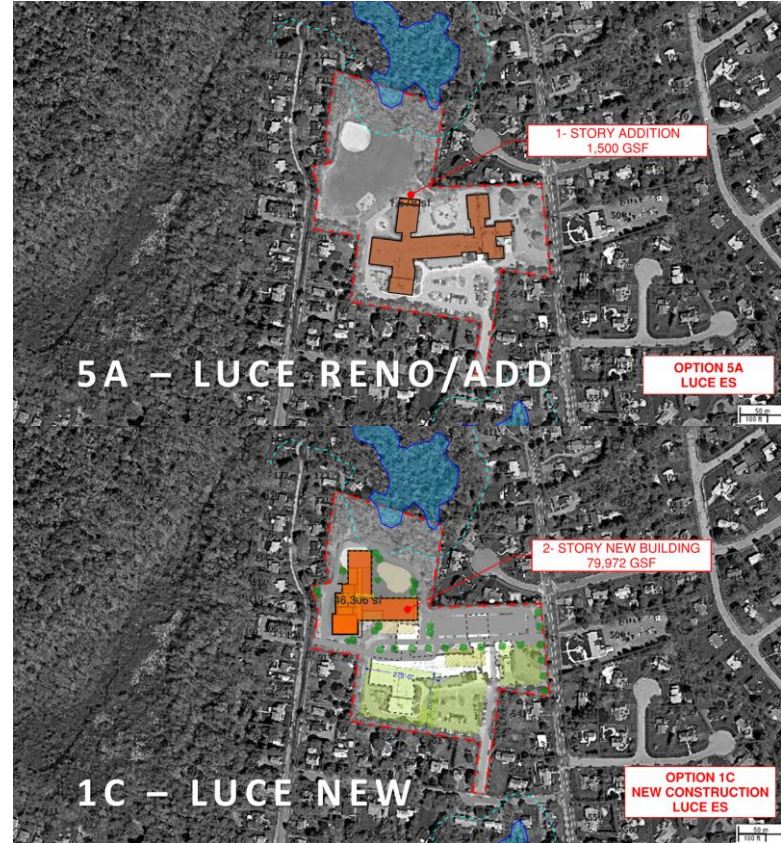
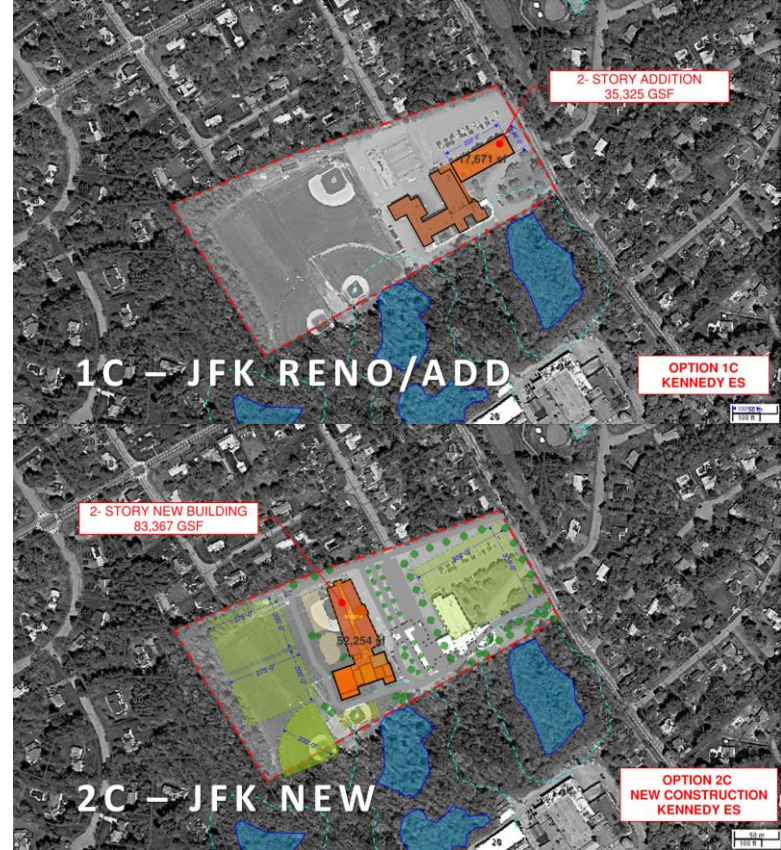
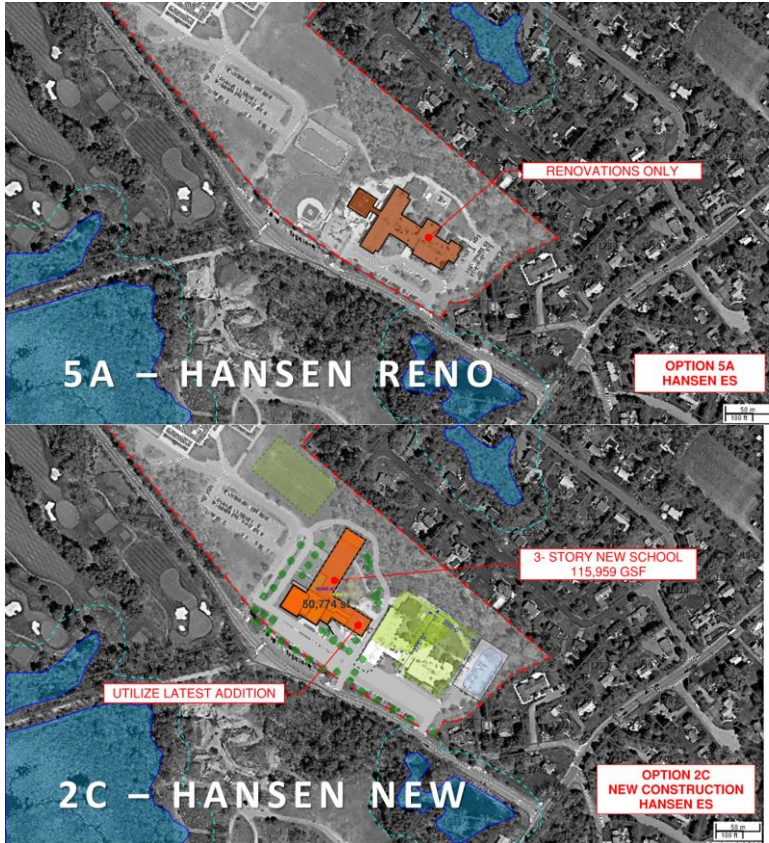
\$2.4 M

Rodman

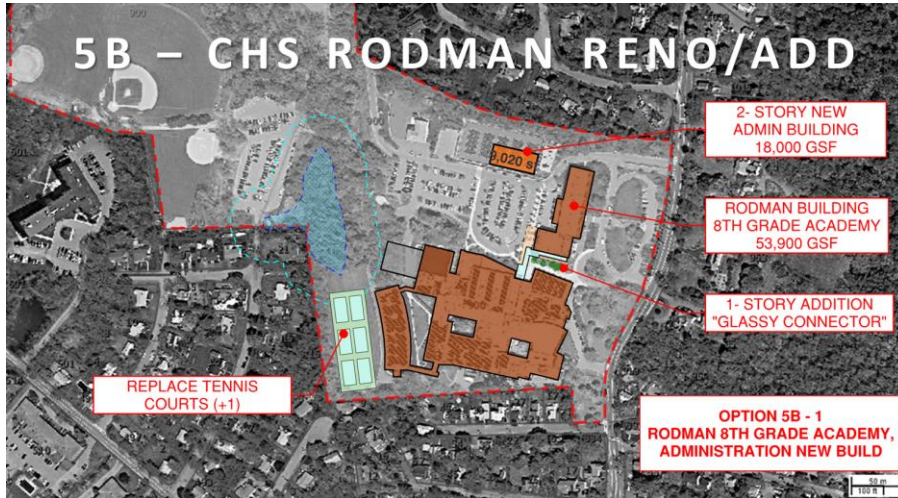
1949/2007

\$12.6 M

Truth Tests | Reno/Additions & New Construction Are Feasible



Truth Tests | Reno/Additions & New Construction Are Feasible



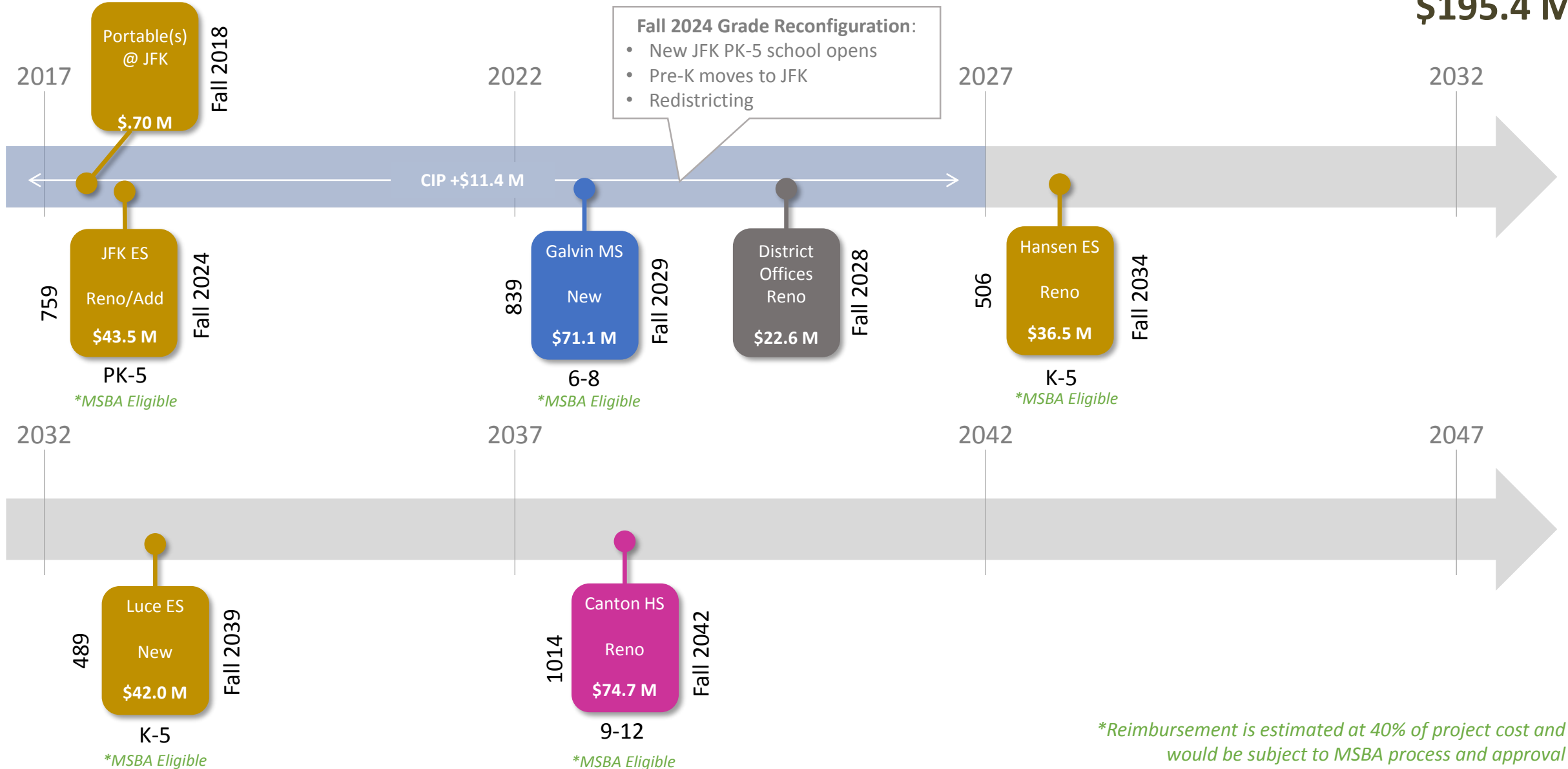
Option 1C

Elementary Focus – Maintain Grade Configuration

- Hansen
PK-5th
- JFK
K-5th
- Luce
K-5th
- Galvin
6th-8th
- HS
9th-12th
- Rodman
District
Offices

Project
CIP
Reimbursable* \$291.1 M
+\$11.4 M
(\$107.1 M)

\$195.4 M



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

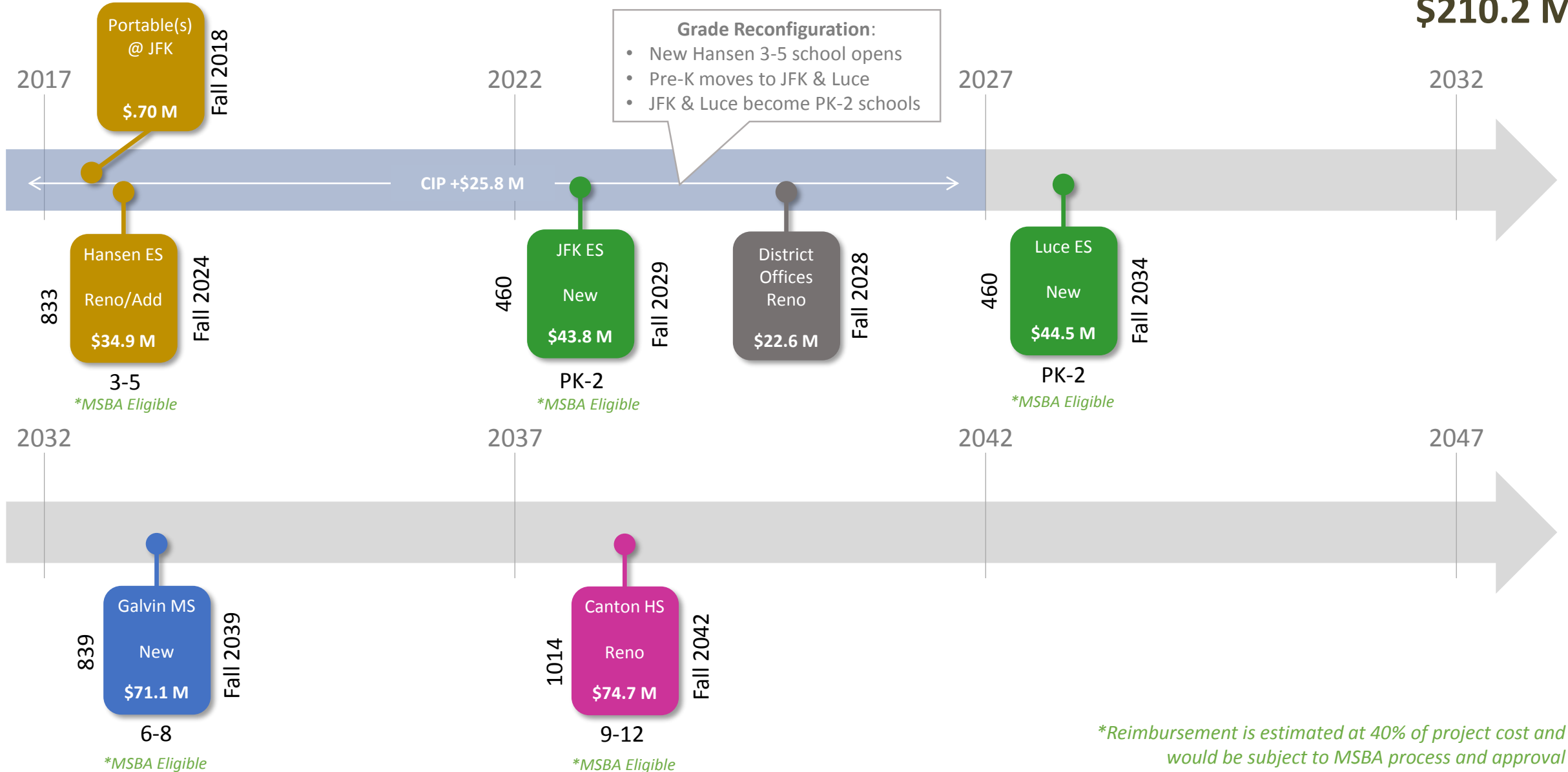
Option 2C

Elementary Focus – Modified Grade Configuration

- JFK
PK-2nd
- Luce
PK-2nd
- Hansen
3rd-5th
- Galvin
6th-8th
- HS
9th-12th
- Rodman
District
Offices

Project
CIP
Reimbursable* \$292.3 M
+\$25.8 M
(\$107.6 M)

\$210.2 M



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

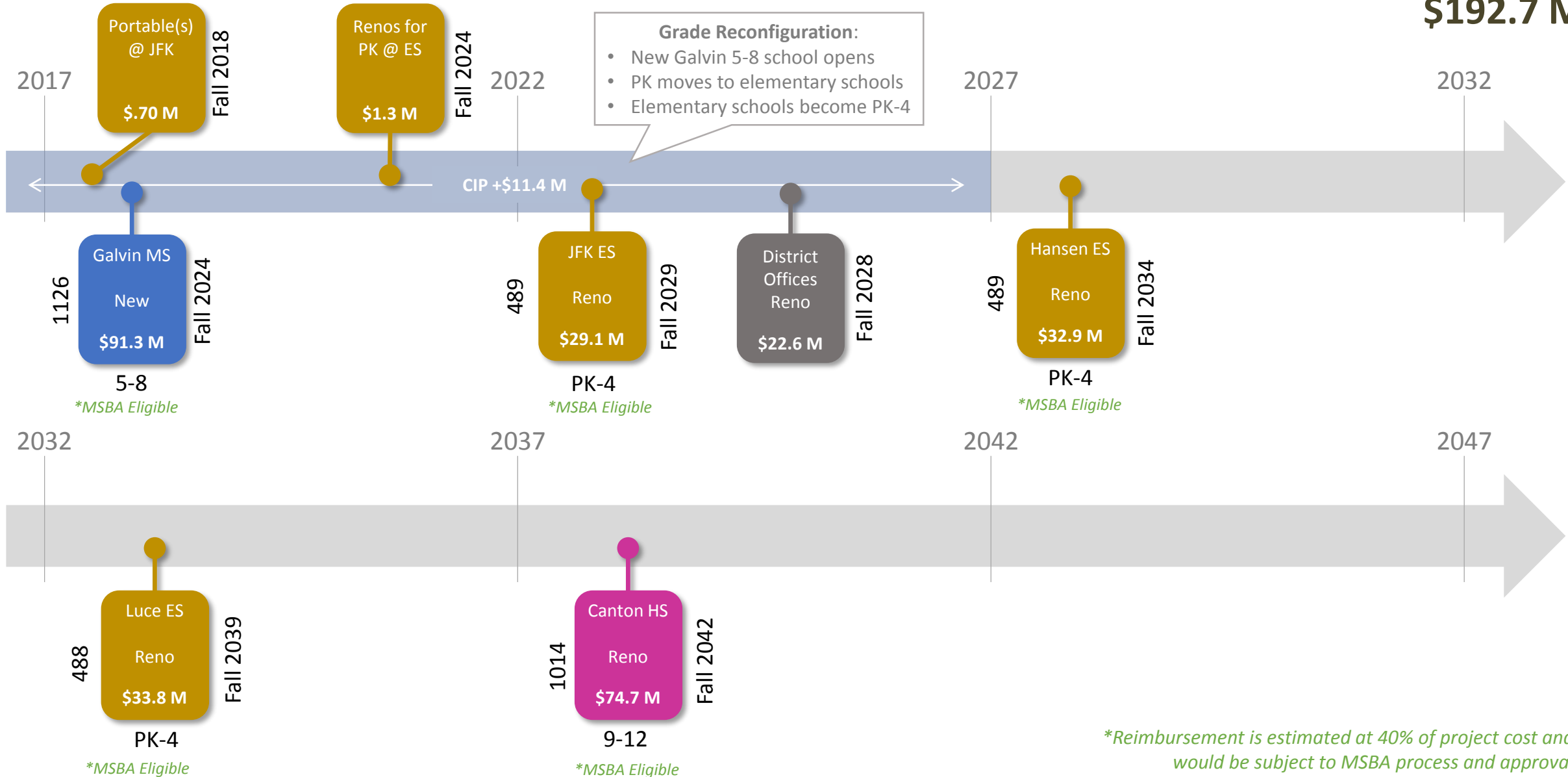
Option 5A

Secondary Focus – Modified Grade Configuration

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

Project CIP **\$286.4 M**
 Reimbursable* **+\$11.4 M**
(\$104.7 M)

\$192.7 M



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

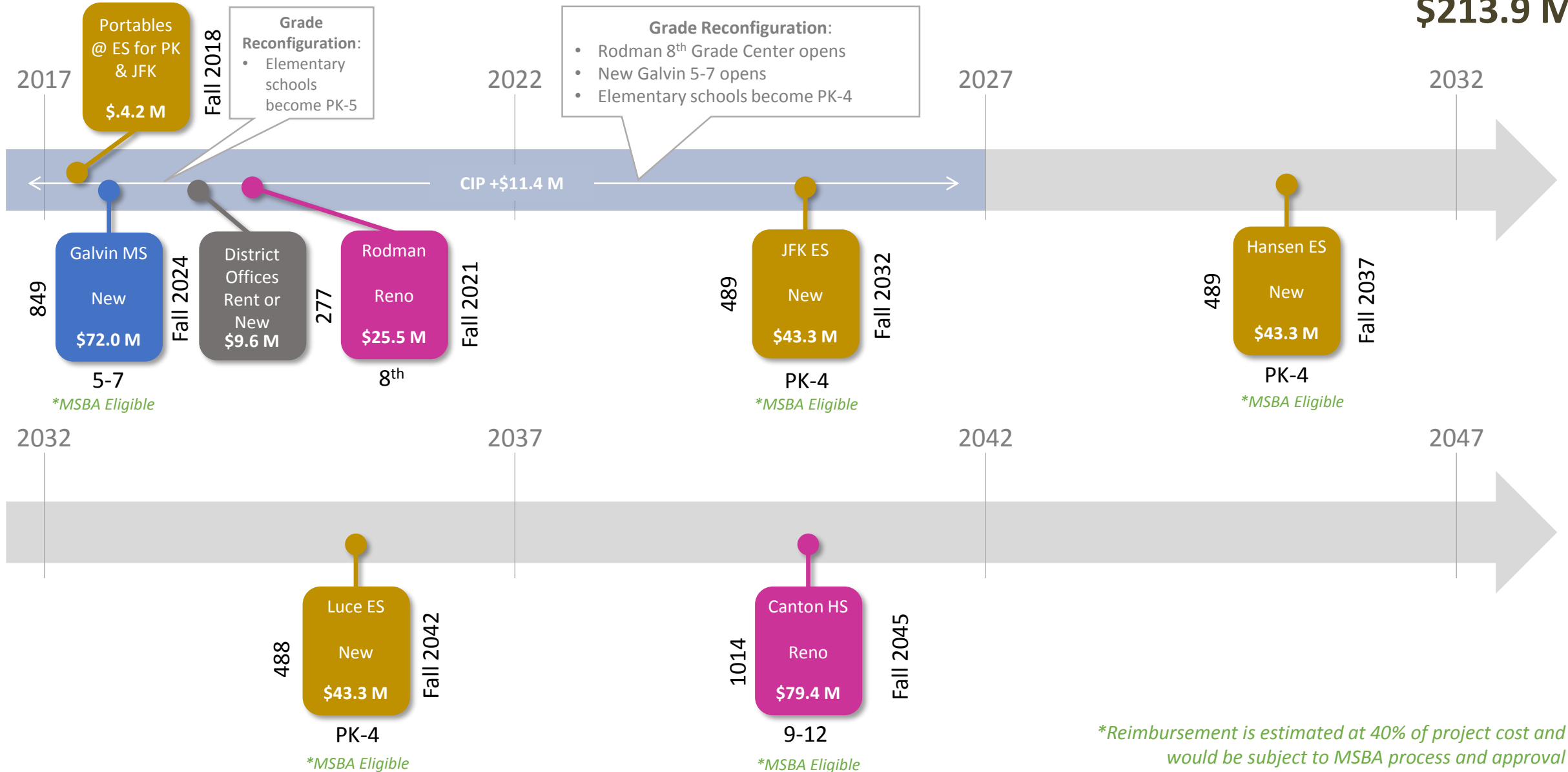
Option 5B -

Secondary Focus – Modified Grade Configuration



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*

Visioning Feedback

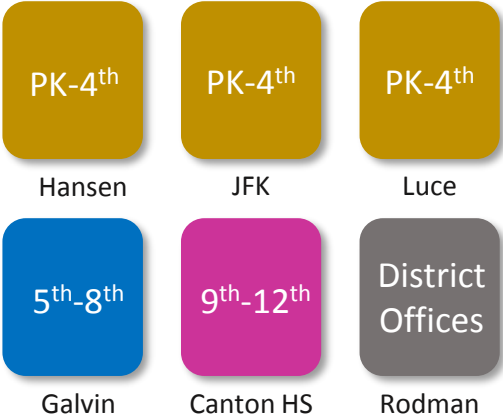
Visioning Feedback

- 5 series options unanimously preferred over 1C & 2C
- District Offices perceived as lower priority
- Broad support for locating PK at the elementary schools
- 8th grade students feel more developmentally aligned with 9th grade students than 7th grade students
- Exciting opportunities exist to improve the educational environment across the district

Visioning Outcomes

5A

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

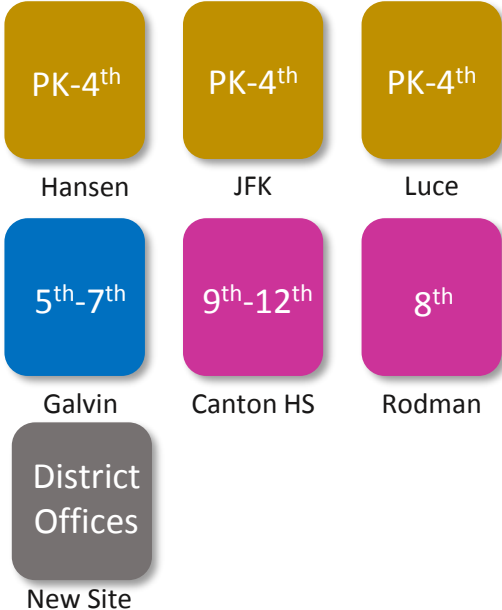


Total Master Plan Cost:
\$286.4 M

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

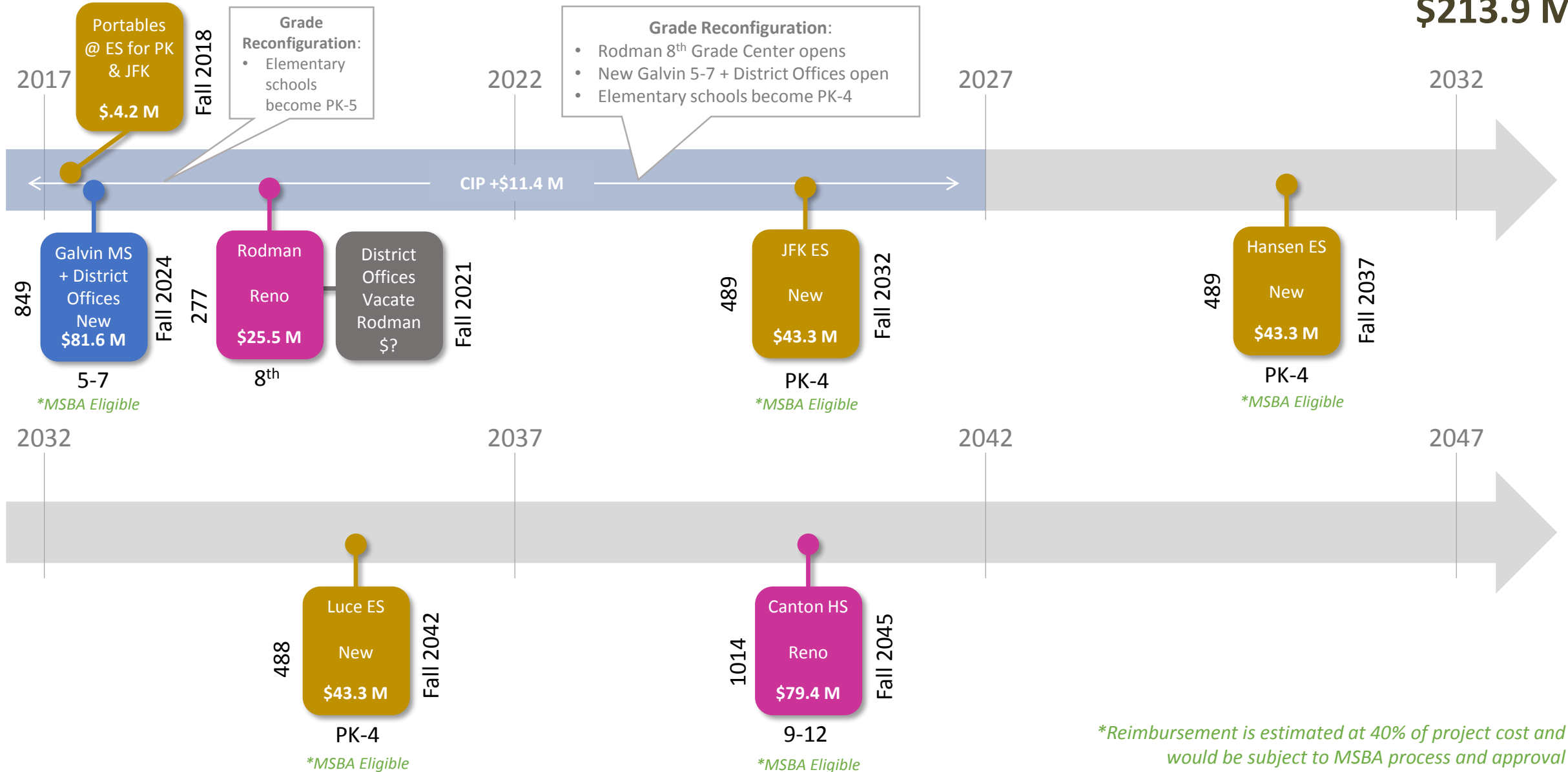
Option 5B.1

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

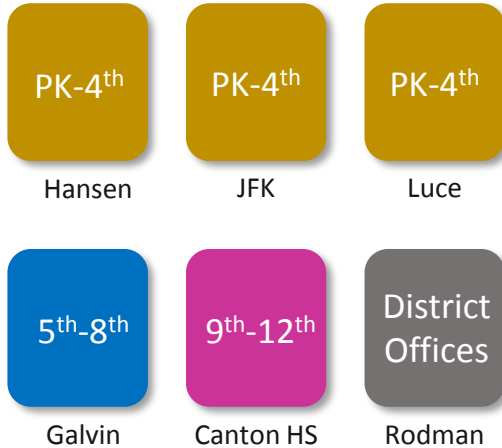


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Preliminary Working Group Outcomes

5A

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

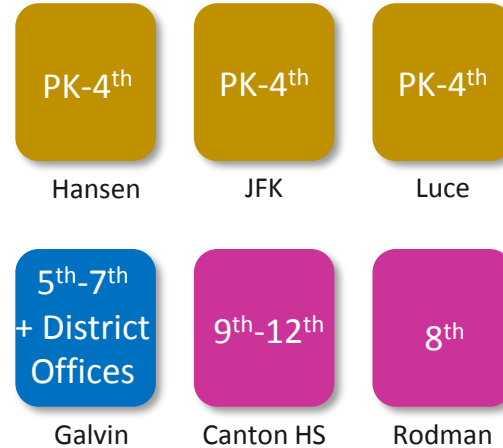


Total Master Plan Cost:
\$286.4 M

Estimated Town Share:
\$192.7 M

5B.1

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



Total Master Plan Cost:
\$315.2 M

Estimated Town Share:
\$213.9 M

Questions

Next Steps

- Jun 15th Public Meeting
- Summer 2017 Final Report
- Fall 2017 Final School Committee Presentation

Thank You