



# CHELMSFORD PUBLIC SCHOOLS

*Comprehensive Facilities Assessment*



School Committee & Working Group  
May 17<sup>th</sup>, 2016





- welcome & introductions
- identified issues
- presentation of options
- evaluation criteria
- developing the evaluation criteria matrix
- short-term options for full-day K



## Summary of key identified issues:

- **Accommodate Full-day kindergarten**
- **Consider alternate PK location**
- **Overcrowding conditions exist at elementary schools, and middle schools**
- **All schools exhibit missing, inappropriate, or inadequate spaces including special education, art, music, and middle school science**
- **Temporary construction exists at South Row ES, Parker MS, and McCarthy MS**
- **Physical building conditions are satisfactory but will need investment**

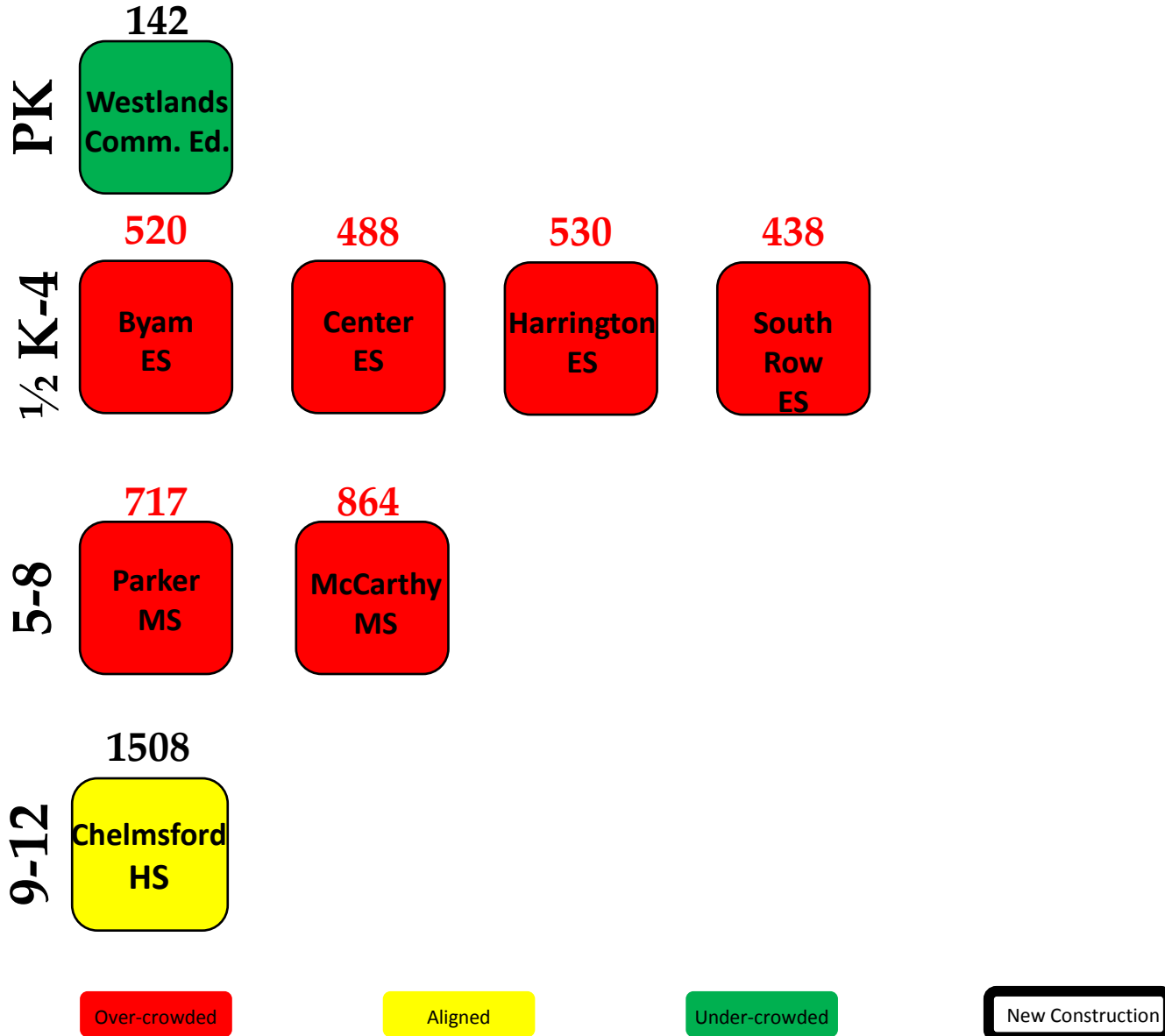




# Options Summary

<b>A</b>	PK	Westland Comm. Ed.	½ K-4	Byam ES	Harrington ES	Center ES	South Row ES		5-8	Parker MS	McCarthy MS	9-12	Chelmsford HS				
<b>B</b>	PK	Westland Comm. Ed.	K-4	Byam ES	Harrington ES	Center ES	South Row ES		5-8	Parker MS	McCarthy MS	9-12	Chelmsford HS				
<b>C</b>	PK	Westland Comm. Ed.	K-4	Byam ES	Harrington ES	Center ES	South Row ES		5-8	Parker MS	McCarthy MS	9-12	Chelmsford HS				
<b>D</b>		Westland Comm. Ed.	1-4	Byam ES	Harrington ES	Center ES	South Row ES	PK-K	E..C.C.	5-6	Parker MS	7-8	McCarthy MS	9-12	Chelmsford HS		
<b>E</b>		Westland Comm. Ed.	PK-2	Byam ES	Harrington ES	K-2	Center ES	South Row ES		6-8	Parker MS	6-8	McCarthy MS	9-12	Chelmsford HS		
<b>F</b>		Westland Comm. Ed.	PK-2	Byam ES	Harrington ES	K-2	Center ES	South Row ES					6-8	McCarthy MS	9-12	Chelmsford HS	
<b>G</b>	PK	Westland Comm. Ed.	K-2		Harrington ES	Center ES	South Row ES	3-5	Byam Upper ES		Parker Upper ES		6-8	McCarthy MS	9-12	Chelmsford HS	
<b>H</b>		Westland Comm. Ed.	PK-2	Byam ES	Harrington ES	K-2	Center ES	South Row ES	3-5	McCarthy Upper ES		Parker Upper ES		6-8	New MS	9-12	Chelmsford HS
<b>I</b>	PK	Westland Comm. Ed.	K-3	Byam ES	Harrington ES	Center ES	South Row ES	4-6	McCarthy MS		Parker MS		7-8	New Jr. High	9-12	Chelmsford HS	
<b>J</b>	PK	Westland Comm. Ed.	K-5	Byam ES	Harrington ES	Center ES	South Row ES		McCarthy MS		Parker ES		6-8	Chelmsford HS	9-12	New High School	

## OPTION A



## EXISTING CONDITION OPTION

Repair Existing Facilities - Capitol Improvements Only

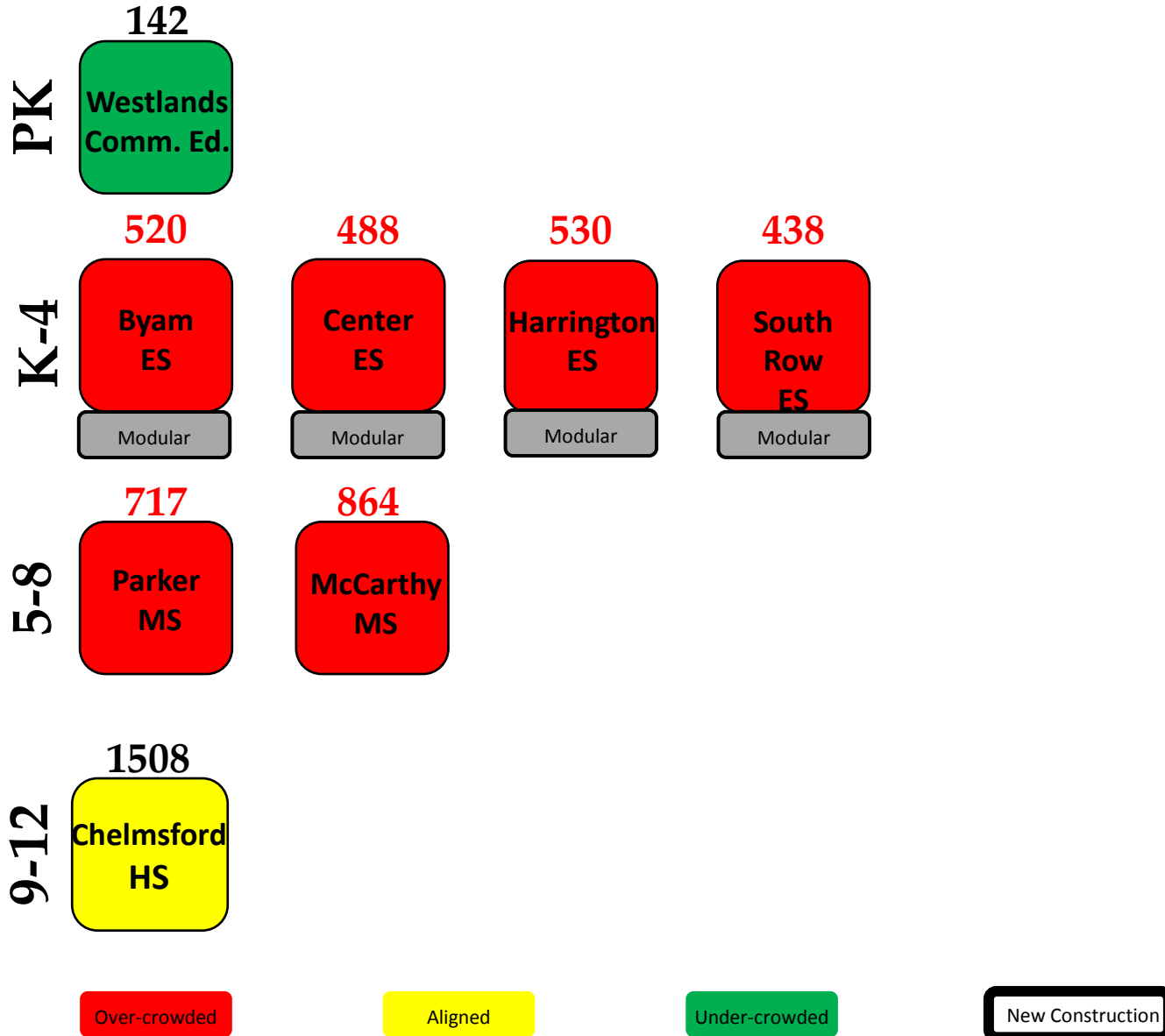
Option A is a *de minimus* project that addresses immediate capitol needs, largely focusing on systems that are at the end of their useful life. It does not address full-day kindergarten, any overcrowding, or the location of pre-kindergarten.

### Identified Needs

- Full Day K
- Co-located Pre-K
- Solves over crowding issues at :
  - Elementary schools
  - Middle Schools
- Addresses inadequate program space
  - Special education space
  - Space for specials
  - MS science rooms
- Removes temporary construction at schools
- Addresses physical building conditions

# OPTION B

# MODULAR ADDITIONS TO ALL SCHOOLS



Option B adds modular additions to all schools that are experiencing overcrowding and accommodates full-day K.

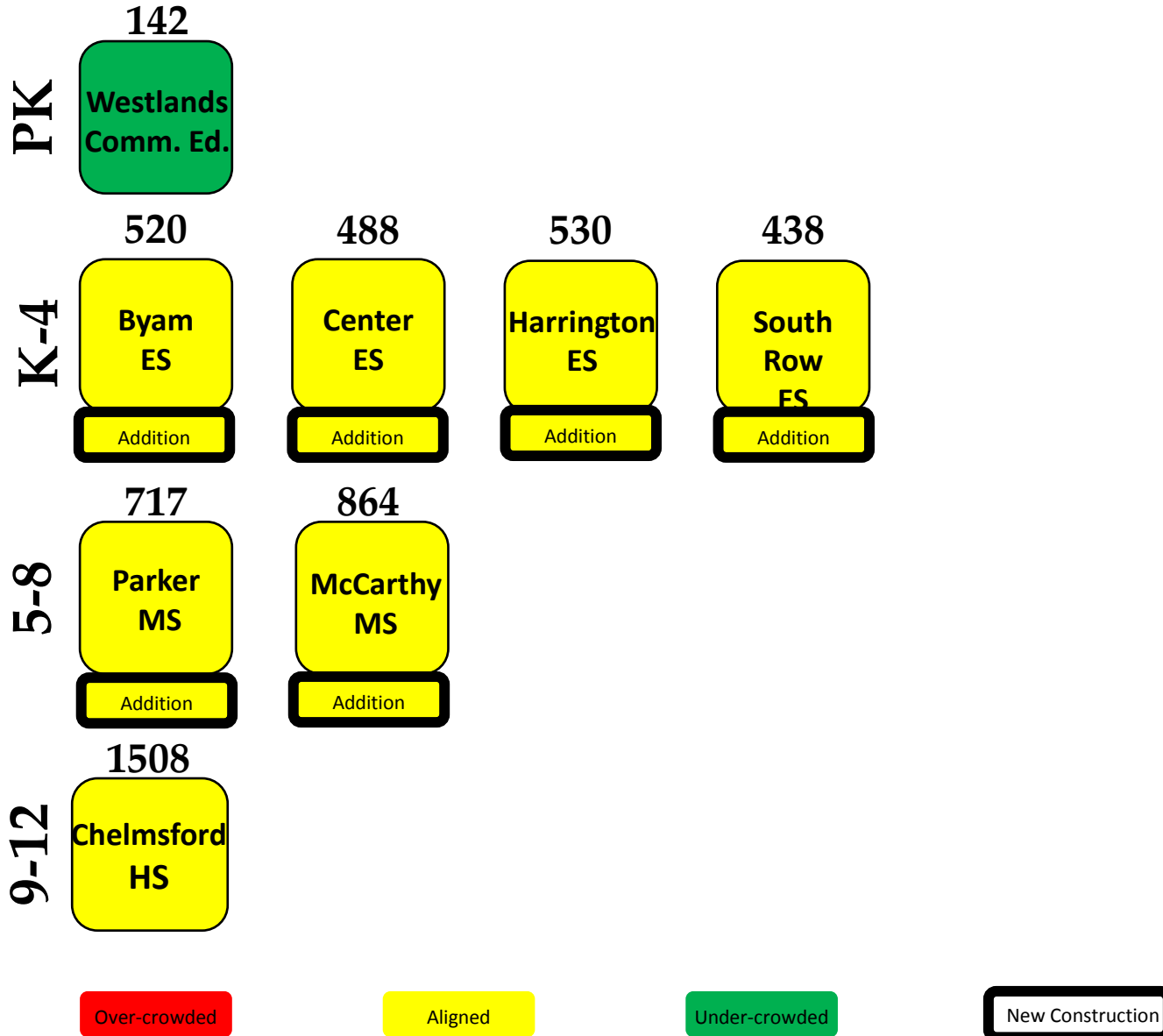
	Existing Modulares	Addt'l Modulares
Byam ES		5
Center ES		5
Harrington ES		4
South Row ES	2	2
Parker MS	12	
McCarthy MS	4	
Chelmsford HS		0

## Identified Needs

- ✓ Full Day K
- Co-located Pre-K
- ✓ Temporarily solves over crowding issues at :
  - ✓ Elementary schools
  - ✓ Middle Schools
- Addresses inadequate program space
  - Special education space
  - Space for specials
  - MS science rooms
- Removes temporary construction at schools
- ✓ Addresses physical building conditions

# OPTION C

# ADDITIONS TO ALL SCHOOLS

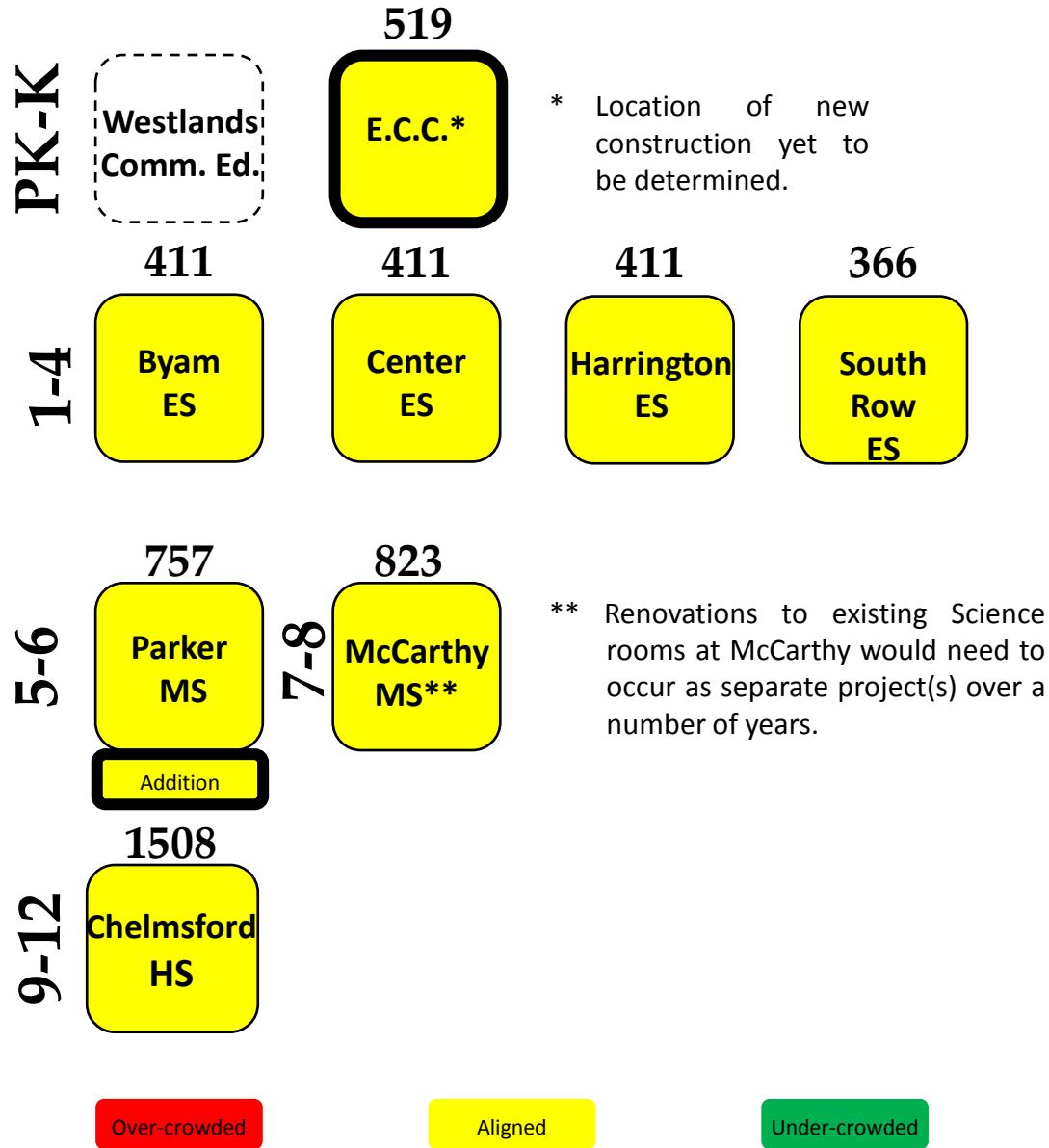


Option C maintains the way the schools are currently operating if full-day K were to be implemented and adds permanent construction additions at schools with overcrowding. Byam, Center, Harrington, South Row, Parker, and McCarthy receive major additions. This option removes existing modular classrooms at South Row, Parker, and McCarthy. Additions would likely trigger code upgrades and require full renovations of all buildings receiving additions.

- ### Identified Needs
- ✓ Full Day K
  - Co-located Pre-K
  - ✓ Solves over crowding issues at :
    - ✓ Elementary schools
    - ✓ Middle Schools
  - ✓ Addresses inadequate program space
    - ✓ Special education space
    - ✓ Space for specials
    - ✓ MS science rooms
  - ✓ Removes temporary construction at schools
  - ✓ Addresses physical building conditions

**OPTION D**

**NEW EARLY CHILDHOOD CENTER**



Option D builds a new early childhood center for PK and full-day kindergarten students. Westlands discontinues as a PK center and would be used for Community Ed. Byam, Center, Harrington, and South Row become grades 1-4 elementary schools. The Parker MS becomes a 5-6 middle school to serve all 5-6 students in the District and would require an addition and full school renovation. The McCarthy reconfigures to serve grades 7-8. The high school would remain.

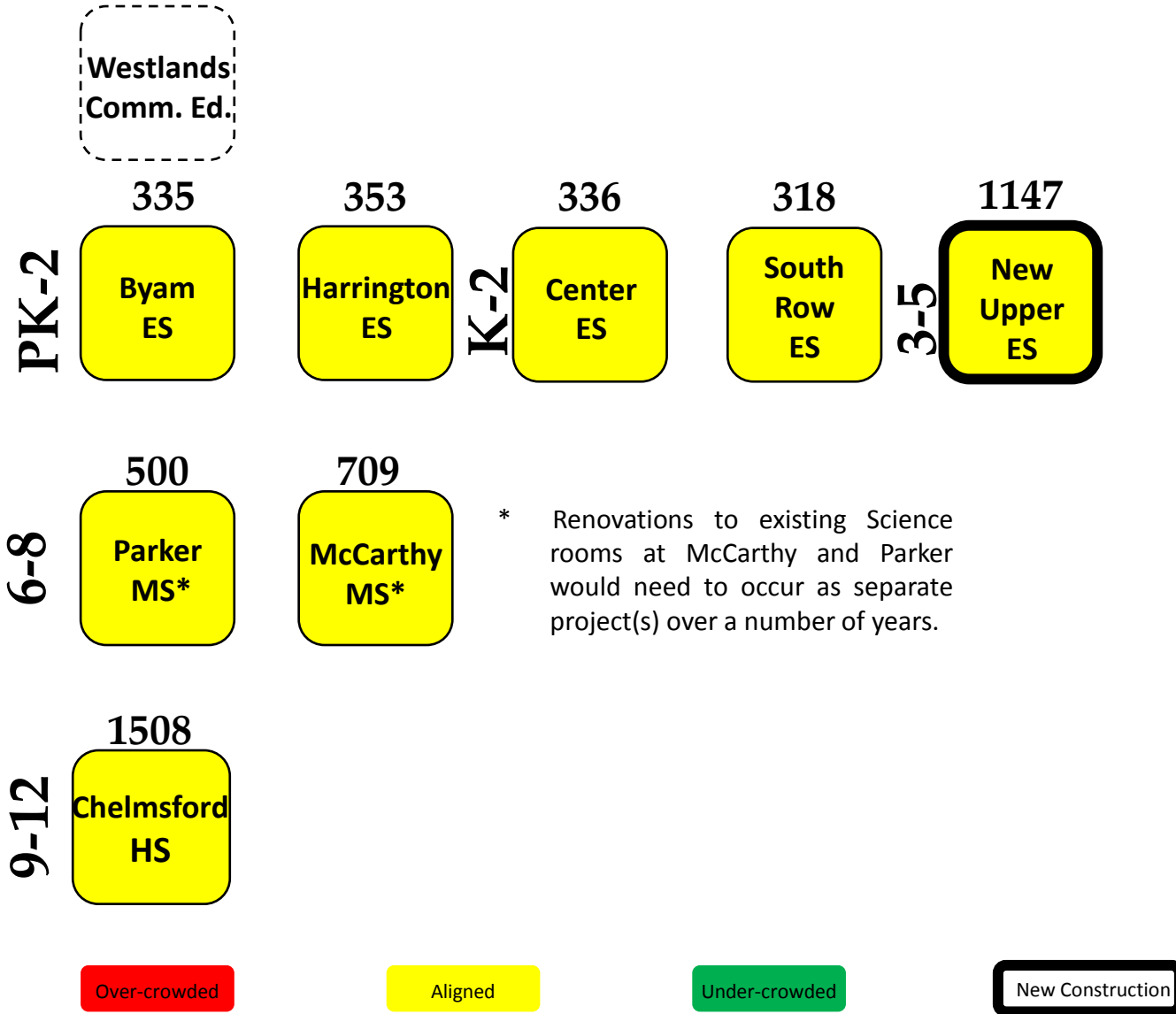
**Identified Needs**

- ✓ Full Day K
- ✓ Co-located Pre-K
- ✓ Solves over crowding issues at :
  - ✓ Elementary schools
  - ✓ Middle Schools
- ✓ Addresses inadequate program space
  - ✓ Special education space
  - ✓ Space for specials
  - ✓ MS science rooms
- ✓ Removes temporary construction at schools
- ✓ Addresses physical building conditions



# OPTION E

# NEW UPPER ELEMENTARY SCHOOL



\* Renovations to existing Science rooms at McCarthy and Parker would need to occur as separate project(s) over a number of years.

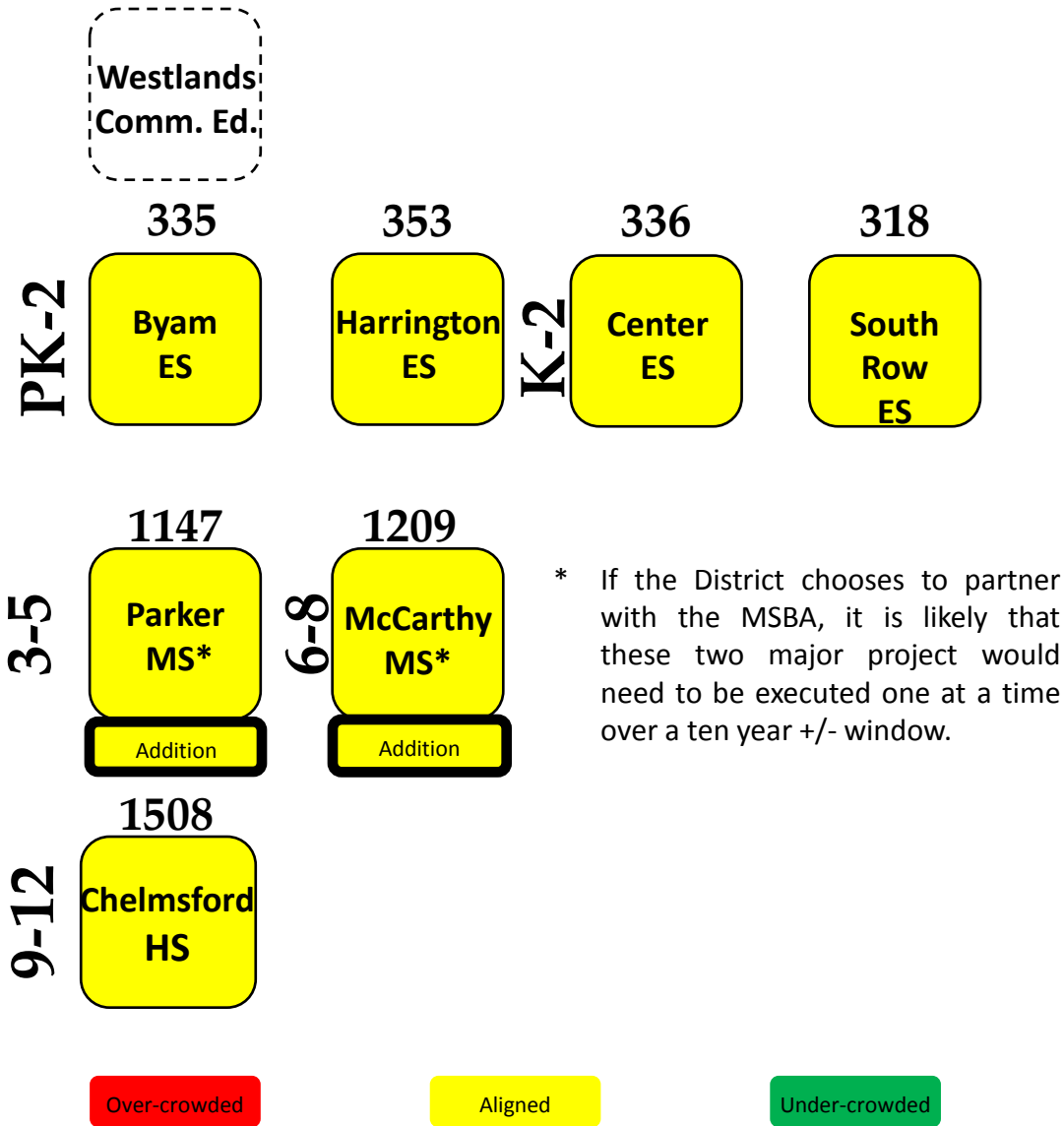
Option E builds a new upper elementary school for all grade 3-5 students in the District. Westlands discontinues as a PK center and would be used for Community Ed. Byam and Harrington reconfigure to become PK-2 elementary schools and Center and South Row become K-2 elementary schools. The Parker and McCarthy Middle Schools reconfigure to serve grades 6-8. Chelmsford High School would remain.

### Identified Needs

- ✓ Full Day K
- ✓ Co-located Pre-K
- ✓ Solves over crowding issues at :
  - ✓ Elementary schools
  - ✓ Middle Schools
- ✓ Addresses inadequate program space
  - ✓ Special education space
  - ✓ Space for specials
  - ✓ MS science rooms
- ✓ Removes temporary construction at schools
- ✓ Addresses physical building conditions

# OPTION F

# RECONFIGURE AND ADD



\* If the District chooses to partner with the MSBA, it is likely that these two major project would need to be executed one at a time over a ten year +/- window.

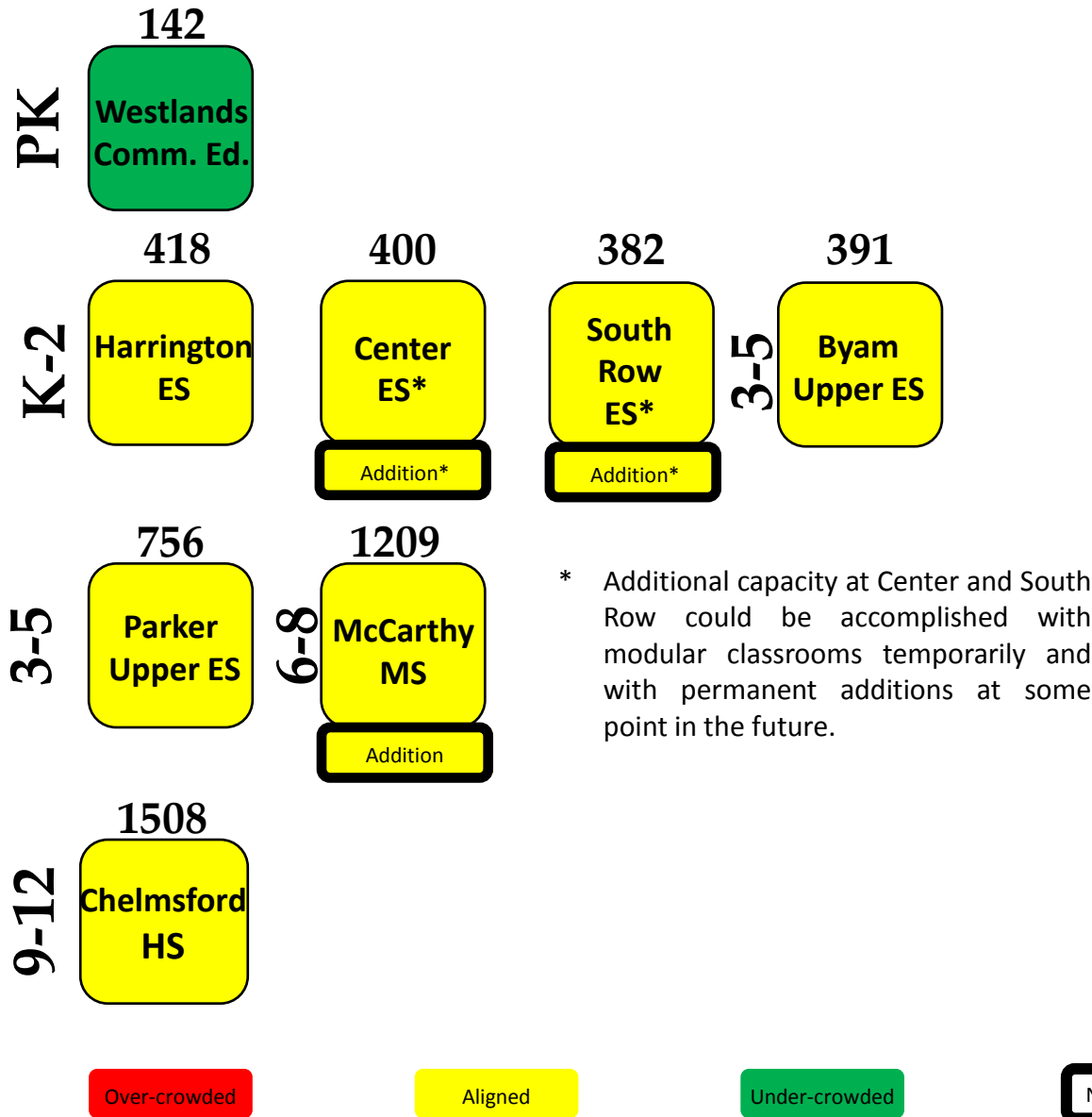
Option F reconfigures grades at the elementary and middle schools. Westlands discontinues as a PK center and could serve community ed. Byam and Harrington become PK-2 elementary schools and Center and South Row become K-2 elementary schools. Parker becomes a 3-5 upper-elementary and McCarthy becomes a 6-8 middle school. Both the Parker and McCarthy require major additions and full school renovations. Chelmsford High School remains.

## Identified Needs

- ✓ Full Day K
- ✓ Co-located Pre-K
- ✓ Solves over crowding issues at :
  - ✓ Elementary schools
  - ✓ Middle Schools
- ✓ Addresses inadequate program space
  - ✓ Special education space
  - ✓ Space for specials
  - ✓ MS science rooms
- ✓ Removes temporary construction at schools
- ✓ Addresses physical building conditions

# OPTION G

# CONVENTIONAL MIDDLE SCHOOL



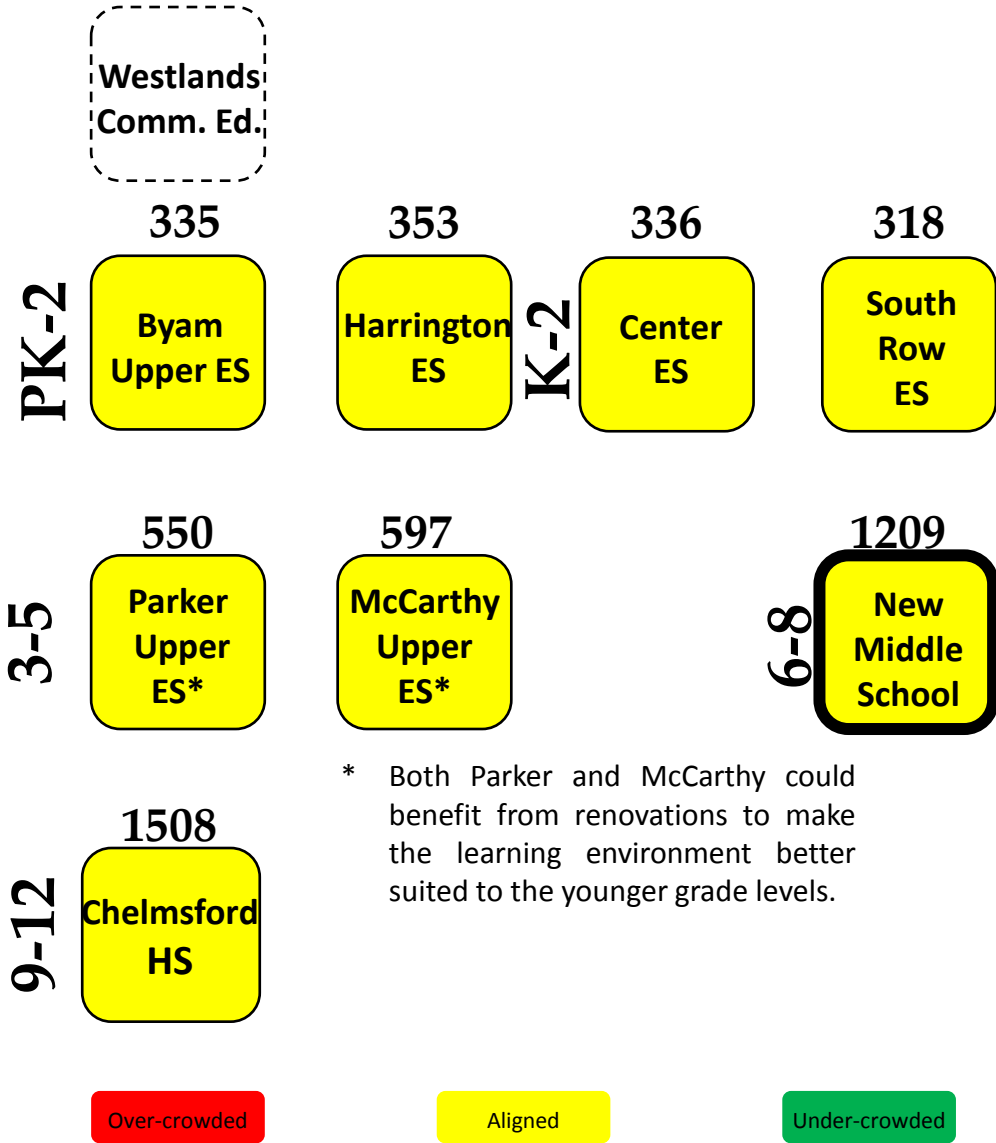
Option G reconfigures grades at the elementary and middle schools. PK remains at Westlands. Harrington, Center, and South Row become K-2 elementary schools. Byam and Parker become 3-5 upper-elementary schools. McCarthy becomes a 6-8 middle school. McCarthy requires a major addition and full school renovations. Chelmsford High School remains.

## Identified Needs

- ✓ Full Day K
- ☐ Co-located Pre-K
- ✓ Solves over crowding issues at :
  - ✓ Elementary schools
  - ✓ Middle Schools
- ✓ Addresses inadequate program space
  - ✓ Special education space
  - ✓ Space for specials
  - ✓ MS science rooms
- ✓ Removes temporary construction at schools
- ✓ Addresses physical building conditions

# OPTION H

# NEW MIDDLE SCHOOL



\* Both Parker and McCarthy could benefit from renovations to make the learning environment better suited to the younger grade levels.

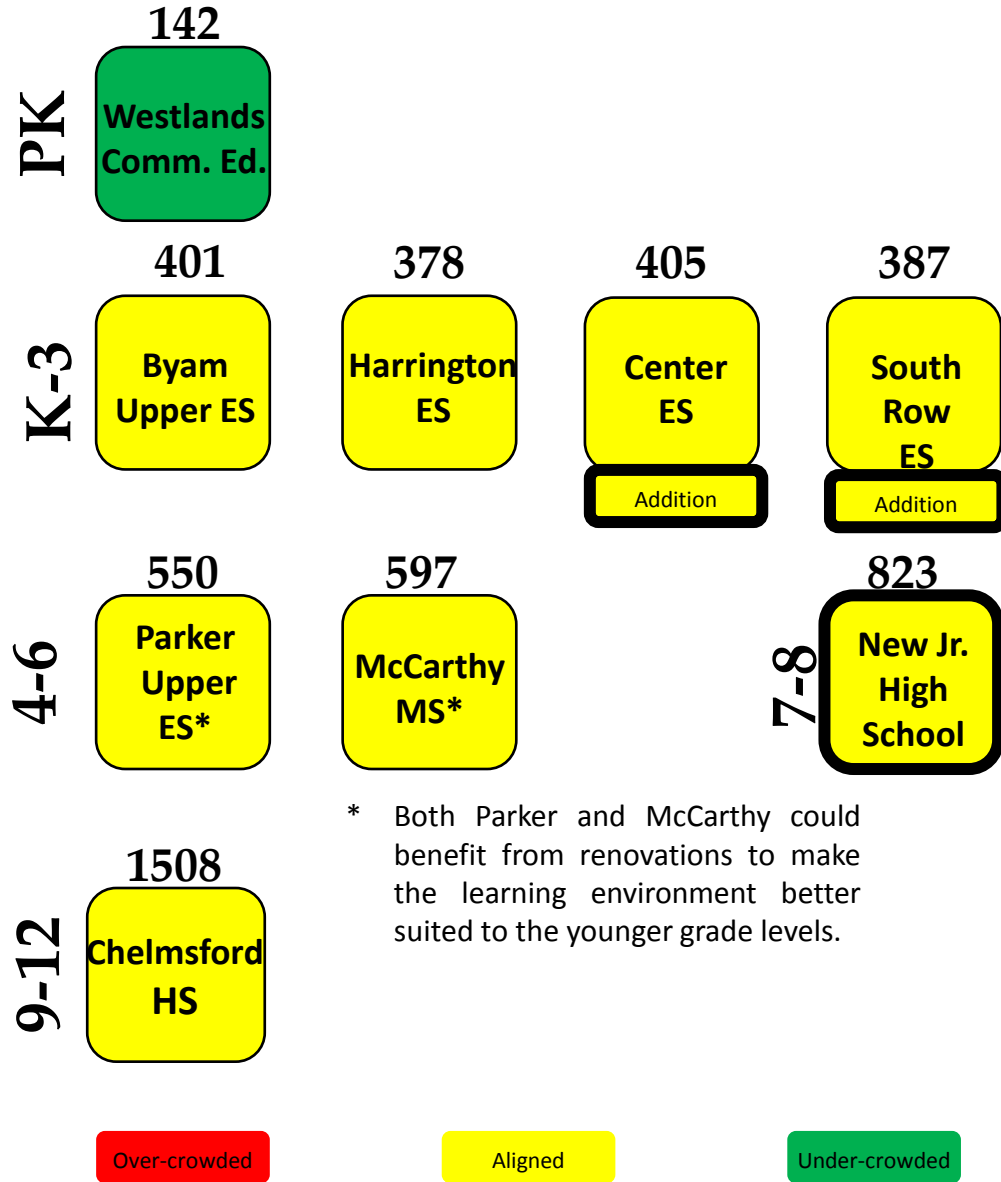
Option H builds a new 6-8 middle school and reconfigures grades at the elementary level. Westlands discontinues as PK and Would serve community ed. Byam and Harrington become PK-2 elementary schools and Center and South Row become K-2 elementary schools. Both Parker and McCarthy become 3-5 upper-elementary schools. The District builds a new middle school to serve grades 6-8. Chelmsford High School remains.

## Identified Needs

- ✓ Full Day K
- ✓ Co-located Pre-K
- ✓ Solves over crowding issues at :
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**OPTION I**

**NEW JR. HIGH SCHOOL**



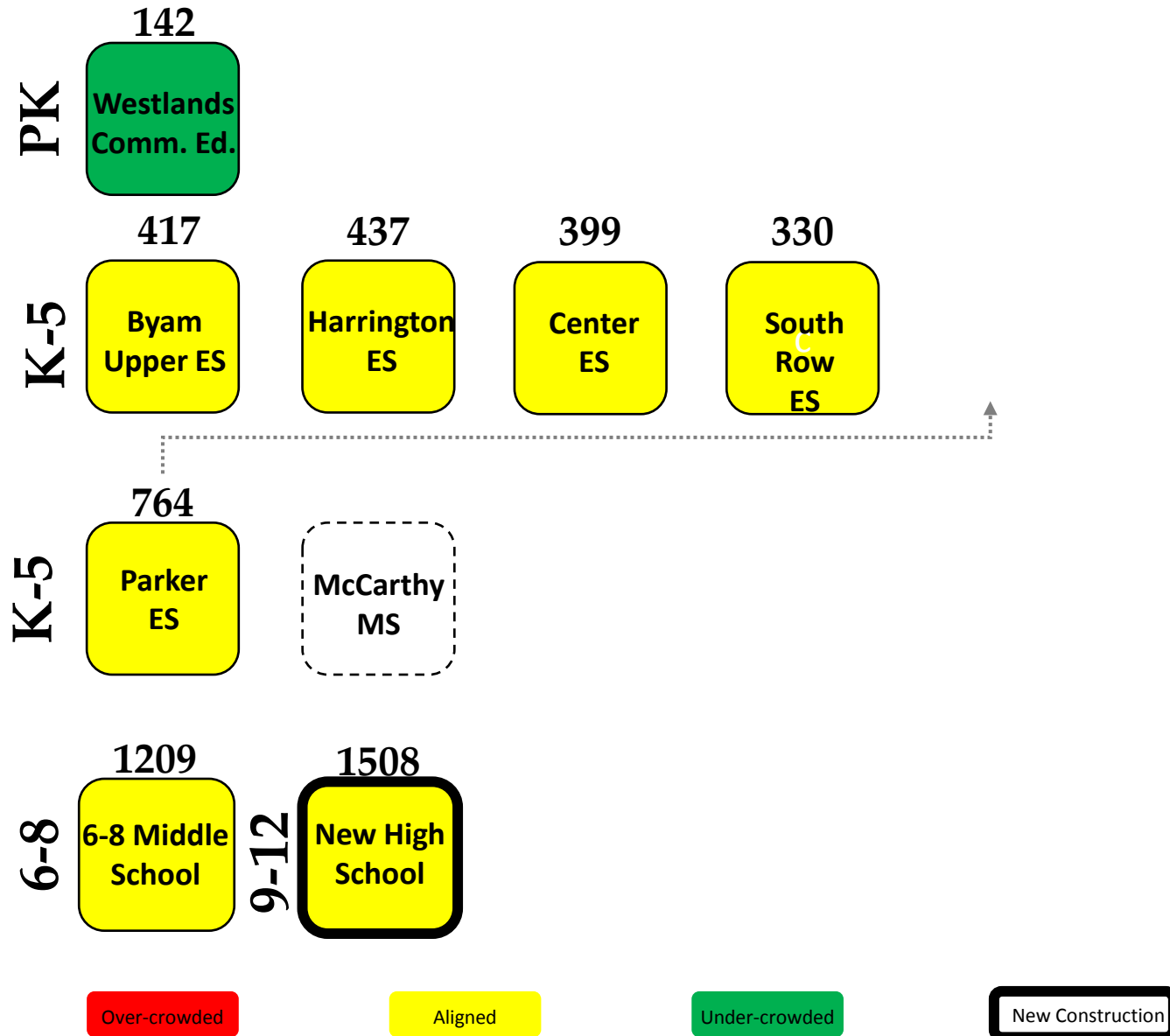
Option I builds a new Jr. high school and reconfigures grades at the elementary level. Westlands remains a PK center. Byam, Harrington, Center, and South Row become K-3 elementary schools. Both Parker and McCarthy become 4-6 upper-elementary schools. The District builds a new jr. high school to serve grades 7-8. Chelmsford High School remains.

**Identified Needs**

- ✓ Full Day K
- ☐ Co-located Pre-K
- ✓ Solves over crowding issues at :
  - ✓ Elementary schools
  - ✓ Middle Schools
- ✓ Addresses inadequate program space
  - ✓ Special education space
  - ✓ Space for specials
  - ✓ MS science rooms
- ✓ Removes temporary construction at schools
- ✓ Addresses physical building conditions

**OPTION J**

**NEW HIGH SCHOOL**



Option J builds a new high school, takes McCarthy offline, and reconfigures grades at the elementary and middle school level. Westlands remains a PK center. Grades 6-8 move into the existing high school. Byam, Harrington, Center, South Row, and Parker become K-5 elementary schools. McCarthy is discontinued as a school building.

**Identified Needs**

- ✓ Full Day K
- Co-located Pre-K
- ✓ Solves over crowding issues at :
  - ✓ Elementary schools
  - ✓ Middle Schools
- ✓ Addresses inadequate program space
  - Special education space
  - Space for specials
  - ✓ MS science rooms
- ✓ Removes temporary construction at schools
- ✓ Addresses physical building conditions



# Options Summary

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\$\$\$\$\$	J	PK	Westland Comm. Ed.	K-5	Byam ES	Harrington ES	Center ES	South Row ES		McCarthy MS	Parker ES	6-8	Chelmsford HS	9-12	New High School	

## Evaluation Criteria:

- **Accommodate Full Day K**
- **Pre-K Adjoins to Other School**
- **Resolves Overcrowding Issues**
- **Addresses missing, inappropriate, inadequate space use: special ed., MS science labs, art, music, etc.**
- **Removes Temporary Construction**
- **Time to Completion**
- **Cost**







## **Short-term Options for Full Day K:**

- 1. Repurpose the Westlands School to house 8 sections of full day-K**
  - CHIPS stays at Westlands**
  - Each elementary school continues to offer 2 sections of full day kindergarten**
- 2. Add 2 modular classrooms to each elementary school**
- 3. Rent space for full day kindergarten program – approximately 50,000-60,000 SF**



thank  
you