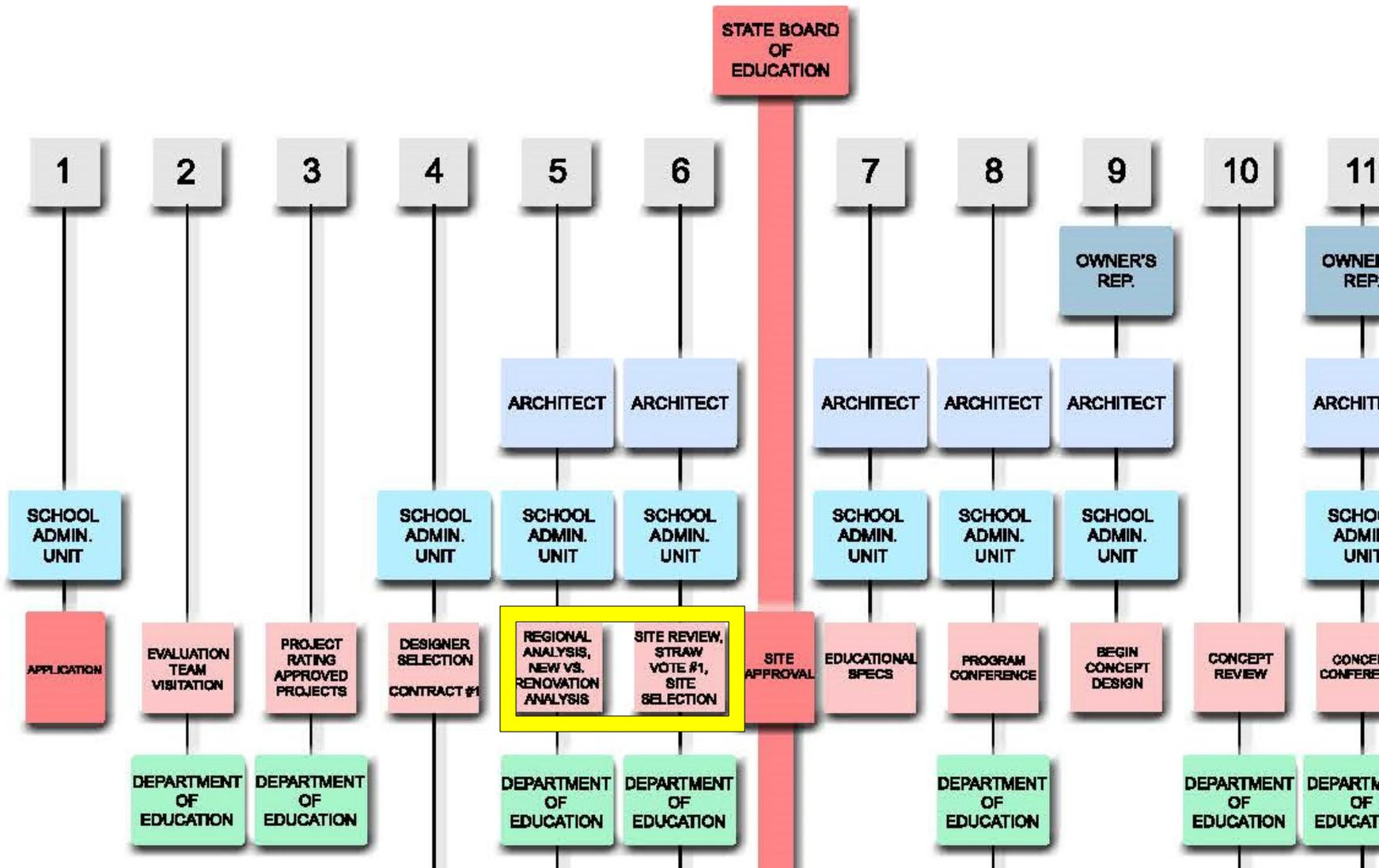


Fred P. Hall Elementary School New Construction Project

Update to Portland Board of Education
June 2, 2015





Fred P. Hall Elementary School



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Residence-Based Enrollment Projections

	2015	2016	2017	2018	2019	2020	2021	2022	Capacity
EECS	375	361	359	356	346	345	343	340	477
Hall	381	369	355	343	342	324	322	319	447
Longfellow	299	295	284	291	280	285	283	281	396
Lyseth	471	464	454	459	450	423	420	416	502
OAES	502	526	538	545	535	543	539	533	437
Presumpscot	301	299	284	297	302	308	306	303	315
Reiche	366	388	389	404	398	397	395	391	373
Riverton	455	462	447	432	424	413	410	406	449
Total Enrollment	3150	3164	3110	3127	3077	3038	3018	2989	3396
Enrollment + Pre-K	3422	3440	3358	3389	3327	3297	3277	3248	
District Capacity	3396	3396	3396	3396	3396	3396	3396	3396	

The demographics and enrollment data prepared for the project was presented to the Department of Education on April 21, 2015. This data will serve as the foundation for the development of the size and capacity of a new facility.

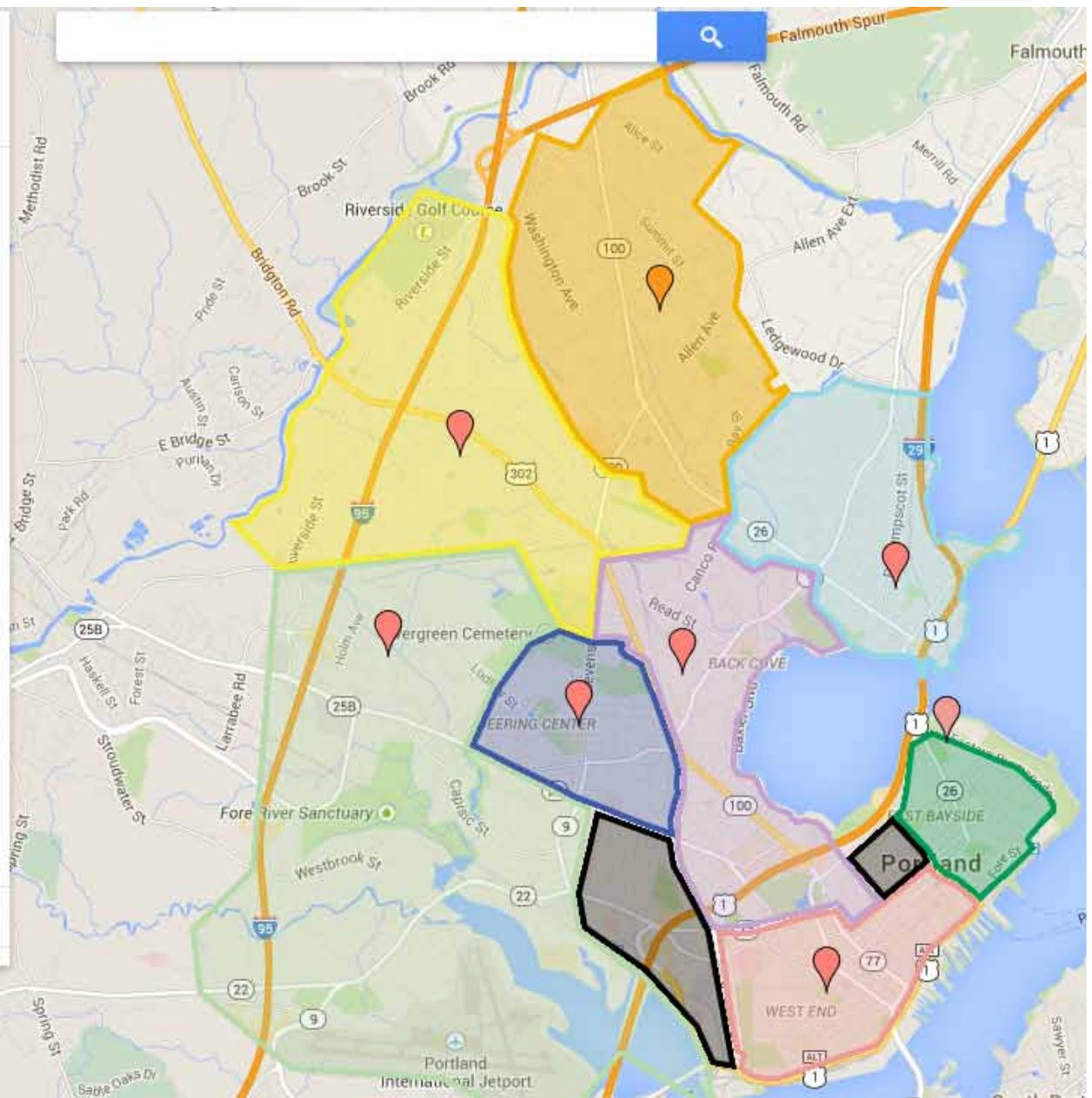
PPS - District Boundaries



Elementary Schools

- East End Elementary District
- East End Elementary School
- Hall Elementary District
- Hall Elementary School
- Longfellow Elementary District
- Longfellow Elementary School
- Lyseth Elementary District
- Lyseth Elementary School
- Ocean Avenue Elementary District
- Ocean Avenue Elementary School
- Ocean Avenue - Shared w/ East End
- Ocean Avenue - Shared w/ Hall
- Presumpscot Elementary District
- Presumpscot Elementary School
- Reiche Elementary District
- Reiche Elementary School
- Riverton Elementary District
- Riverton Elementary School

Middle Schools



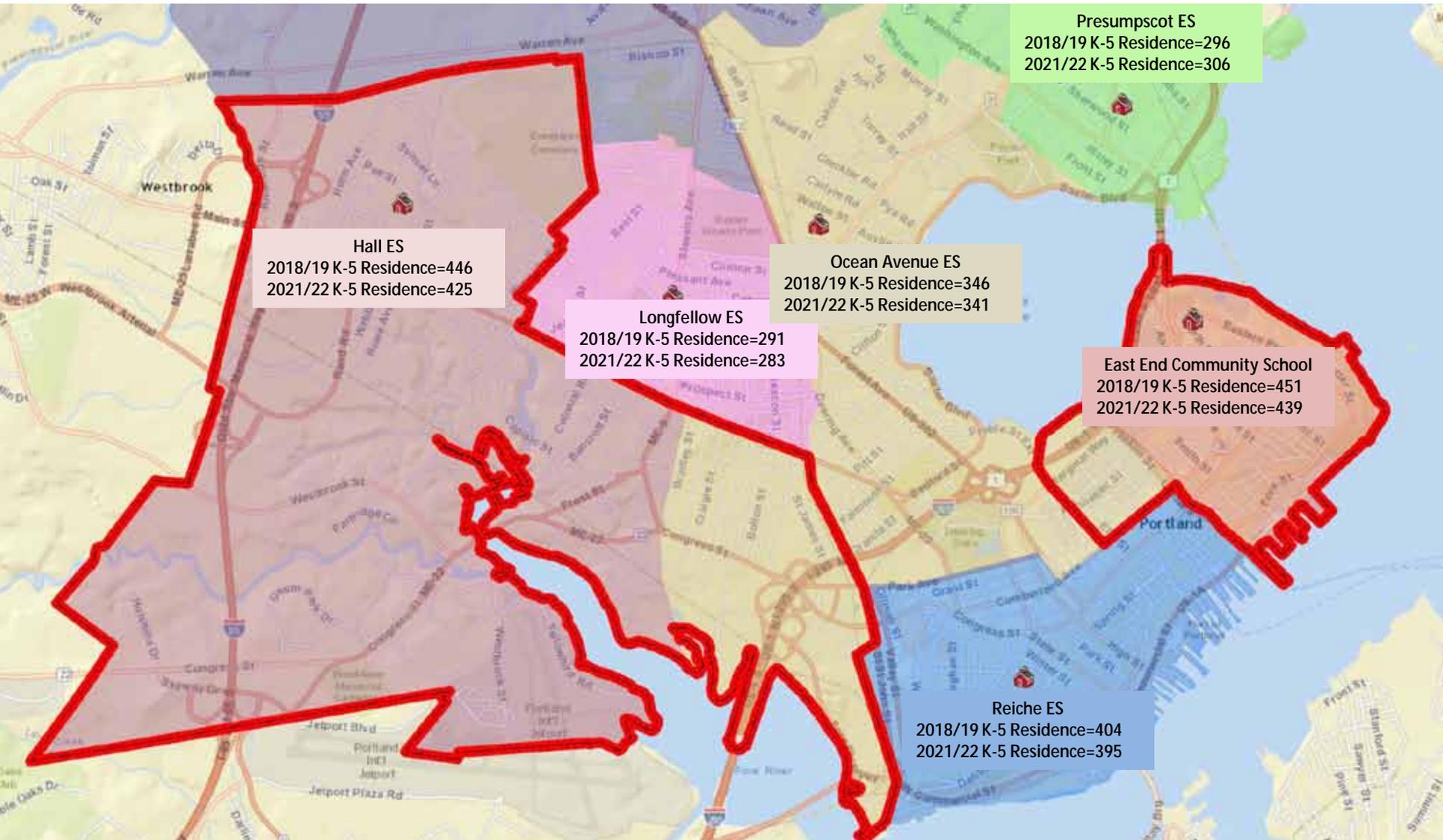
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Davis Demographics developed a scenario that revised the attendance area boundaries to match PPS' recent student shifts to manage the OAES population



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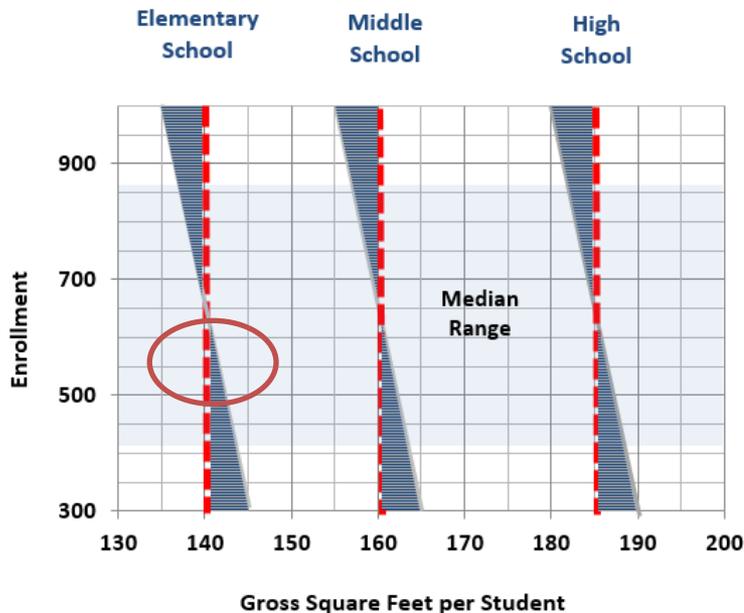
Capacity Review-Department of Education

Hall Elementary School District:
OAES Capacity Management
Many Rivers Program:
Functional Life Skills Program:

350 students
114 students (*estimated*)
50 students*
10-20 students

Total: 525 students +/-

* 100 total spaces spread over Grades 1 through 5, policy dictates that 50% minimum must be from Hall School District



DOE Square Footage Standards

Using the Maine Department of Education's Square Footage Standards, the building size is calculated:

$$525 \text{ Students} \times 143 \text{ sf/student} = 75,075 \text{ sf} \text{ +/-}$$

Hall Elementary School Site- *BFOF* Option A-Capacity: 525 Students



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Hall Elementary School Site- *BFOF* Option B-Capacity: 525 Students



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What is a regional analysis?



The State Board of Education mandates that “*an analysis of the availability and accessibility of solutions, utilizing space at existing or new facilities in the region, shall be conducted prior to any decision on eligibility for state funding*” (DOE Rule Chapter 61).

In the case of a city of Portland’s size, the regional analysis looks to see if there are efficiencies to be had in consolidating schools within neighboring school districts, rather than neighboring towns.

Since Hall and Longfellow Elementary Schools are both on the state’s Approved Projects List (at #12 and #18, respectively), and are in adjacent neighborhood school districts, in the state’s eyes they are natural candidates for considering a consolidated solution.

Residence-Based Enrollment Projections

	2015	2016	2017	2018	2019	2020	2021	2022	Capacity
EECS	275	261	259	256	246	245	243	240	477
Hall	381	369	355	343	342	324	322	319	447
Longfellow	299	295	284	291	280	285	283	281	396
Lyseth	471	464	454	459	450	423	420	416	502
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District Capacity	3396	3396	3396	3396	3396	3396	3396	3396	

Fred P. Hall Elementary School



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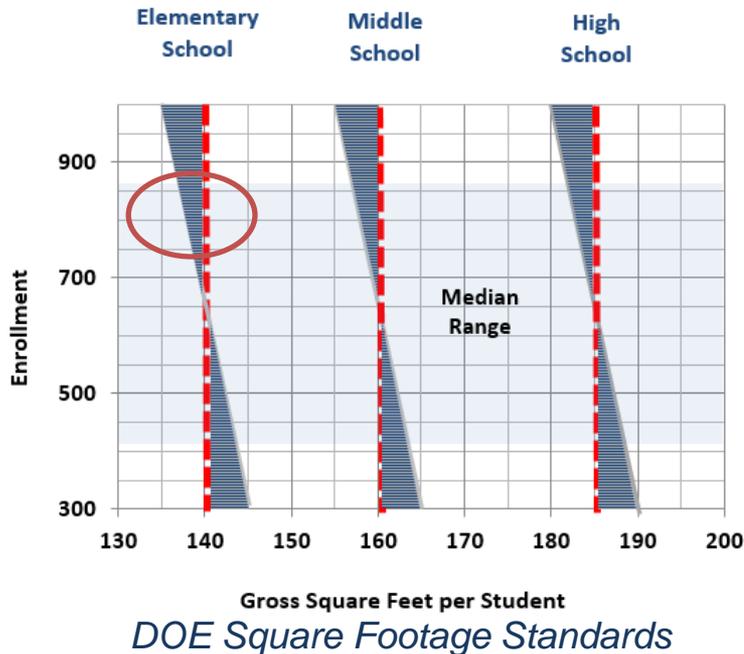
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Estimated Capacity of a Combined School-Existing Programs Assumed

Hall Elementary District:	350 students
Longfellow Elementary District:	291 students
OAES Capacity Management	114 students (estimated)
Many Rivers Program:	50 students*
Functional Life Skills Program:	<u>10-20 students</u>

Total: 825 students +/-

* 100 total spaces spread over Grades 1 through 5, policy dictates that 50% minimum must be from Hall School District

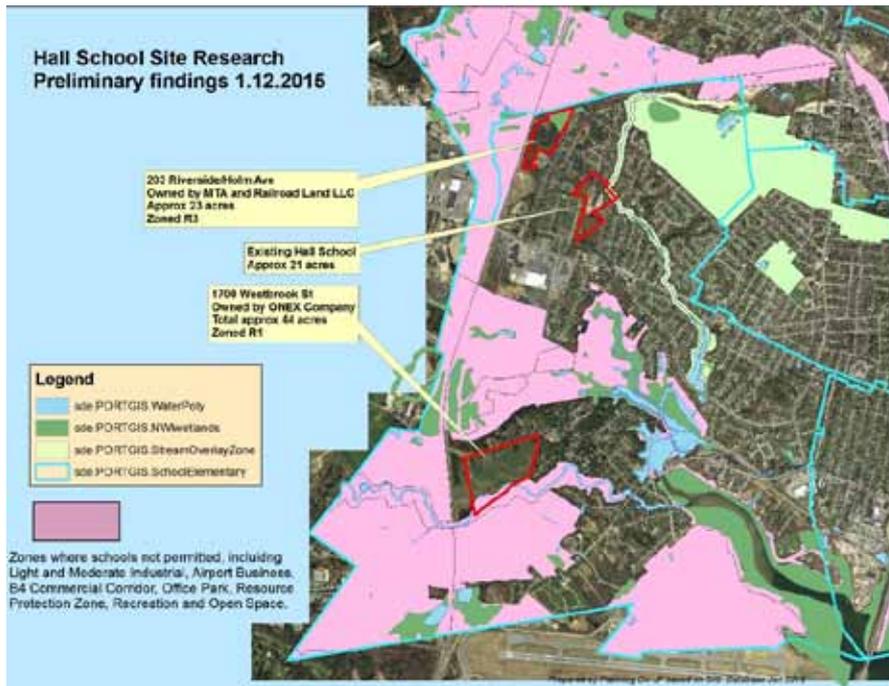


Using the Maine Department of Educations Square Footage Standards, the building size is calculated:

$$825 \text{ Students} \times 138 \text{ sf/student} = 113,850 \text{ sf +/-}$$

Site Search

The Portland Planning Department performed a search for parcels large enough to meet the needs of a new elementary school facility near the Hall District. Due to zoning restrictions and the sensitive nature of the available parcels, the majority were deemed unsuitable. Two sites were identified for further exploration (one being the existing Hall School Site).



Parcels within the Hall Elementary District



Deering/Longfellow Campus

Hall Elementary School Site



- Parcel Size: 21.3 Acres
- Potential Site Challenges:
 - Utility Easements
 - Capisic Brook/Wetlands
 - Irregular Shape
 - Existing School Facility
 - May Require Land Acquisition
 - Increased Bussing Requirements
 - Traffic Impact

Combined Hall Site-Capacity: 825 Students

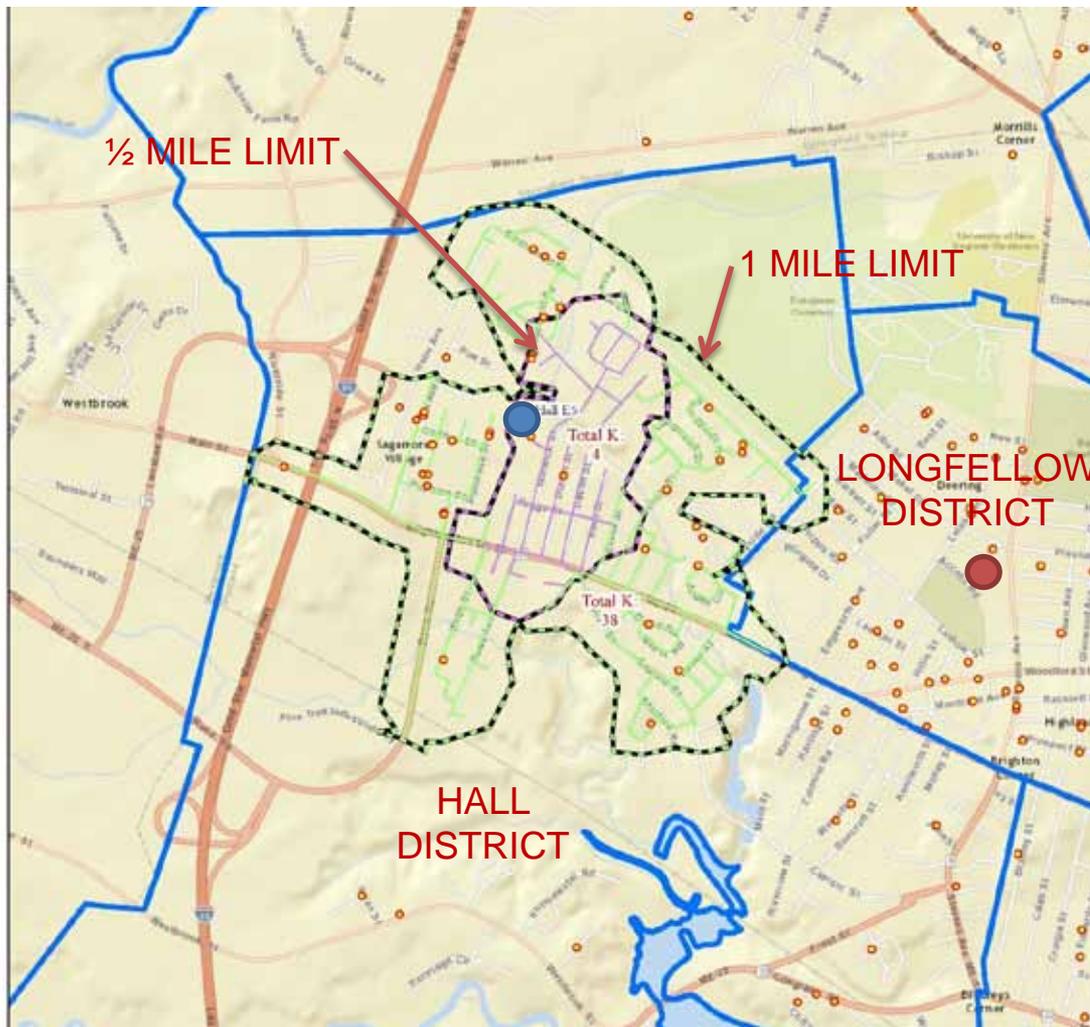


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- HALL ELEMENTARY SCHOOL
- LONGFELLOW ELEMENTARY SCHOOL

District walkability map outlining the 1/2 mile and 1 mile walking routes

Deering High School Fields Site



- **Parcel Size: 35.3 Acres**
(Including Longfellow and Deering Buildings)

- Developed Area: 10.5 acres
- Playing Fields: 17.8 acres
- Restricted Use: 2.5 acres
- Undeveloped: 5.8 acres*

**Baxter Pines and wetlands*

- **Potential Site Challenges:**
 - Zoning restrictions/Permitting
 - Increased Bussing Requirements
 - Displacement of Existing Programs (Athletics)
 - Limits future expansion of Deering High School
 - Traffic Impact

Fred P. Hall Elementary School



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Combined Deering Site-Option B-Capacity: 825 Students

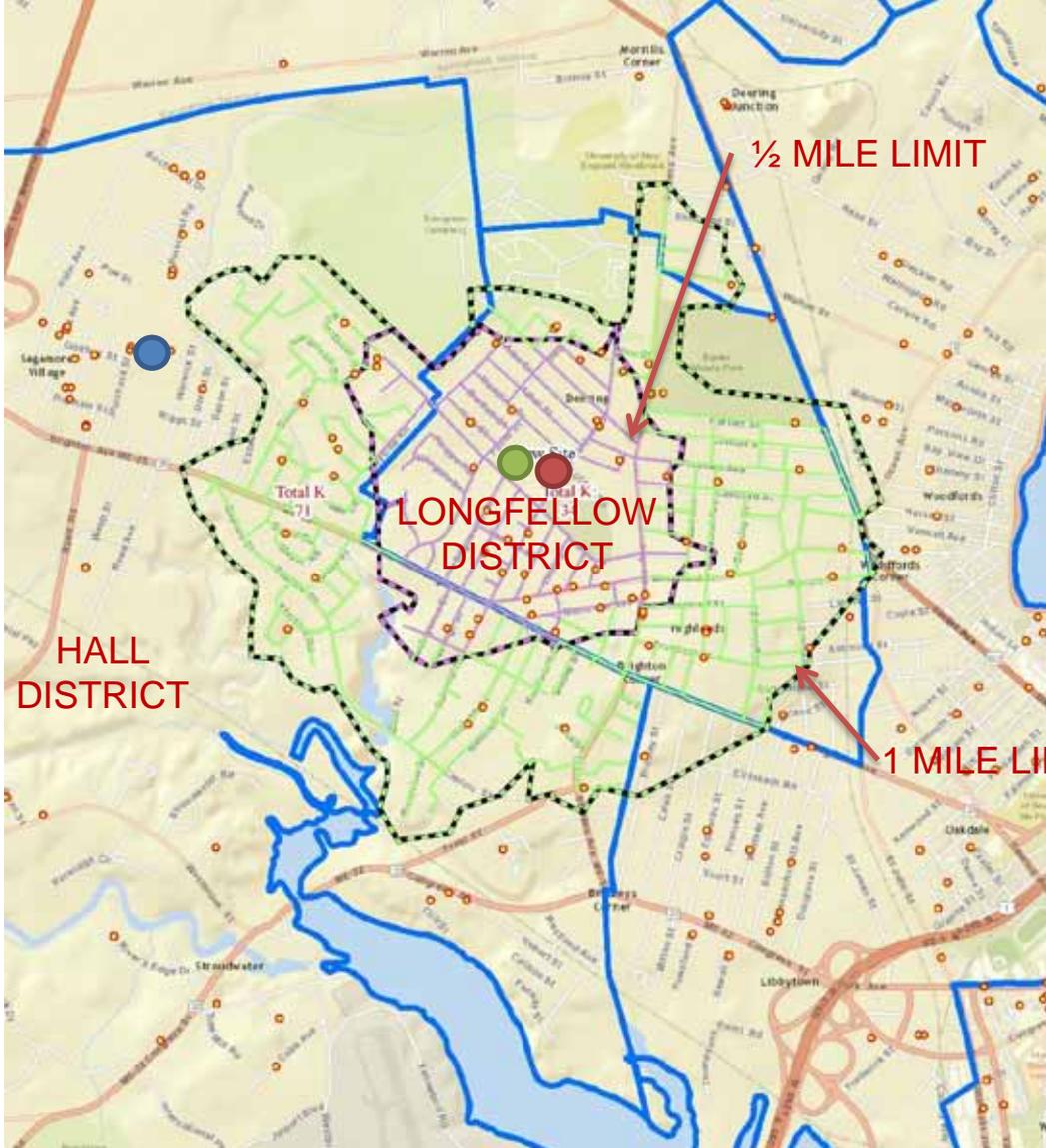


Fred P. Hall Elementary School



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- HALL ELEMENTARY SCHOOL
- LONGFELLOW ELEMENTARY SCHOOL
- DEERING FIELDS SITE

District walkability map outlining the 1/2 mile and 1 mile walking routes



THANK YOU

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for 50% of
classrooms.
daylight autonomy

Monitoring
Build or other dispa
in entrance
analysis