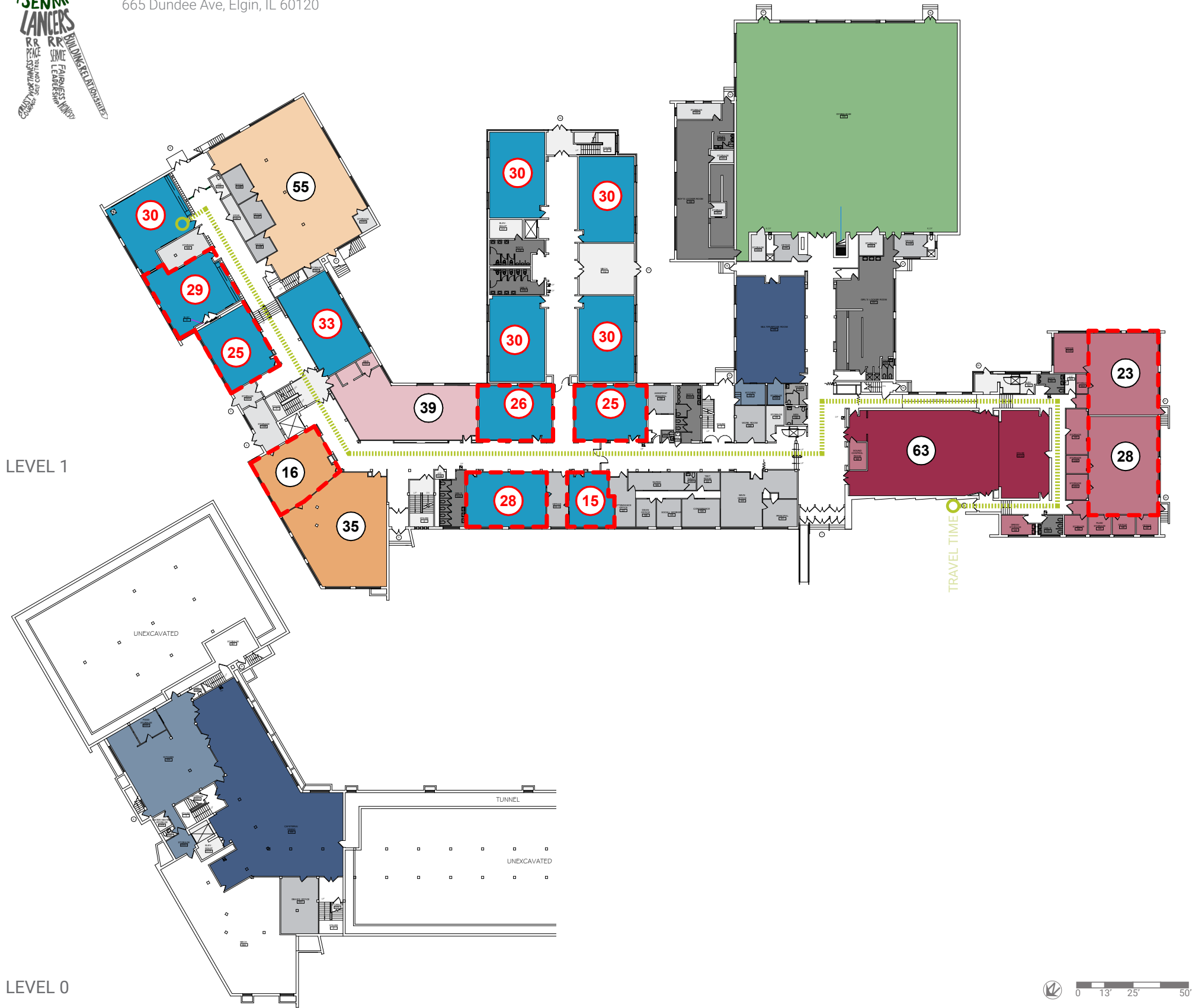




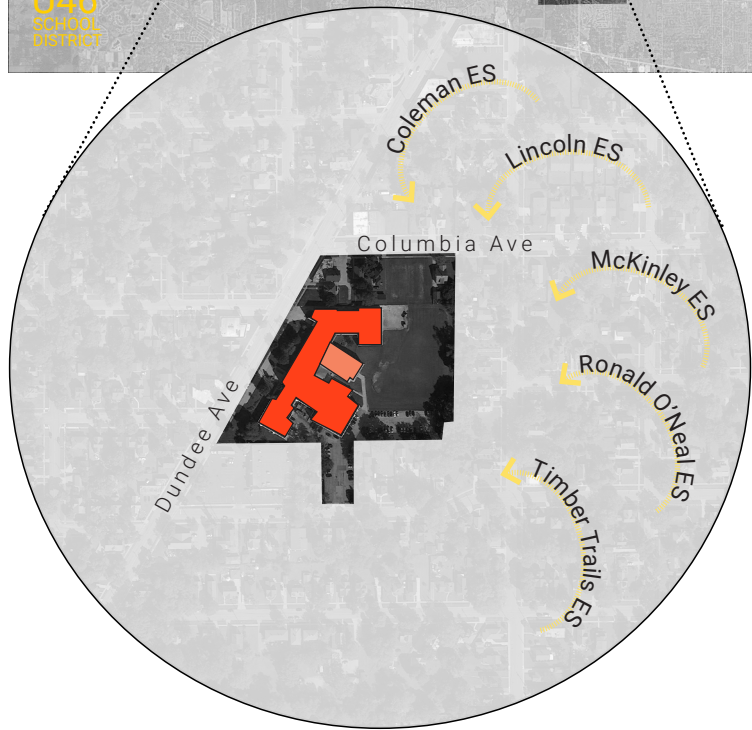
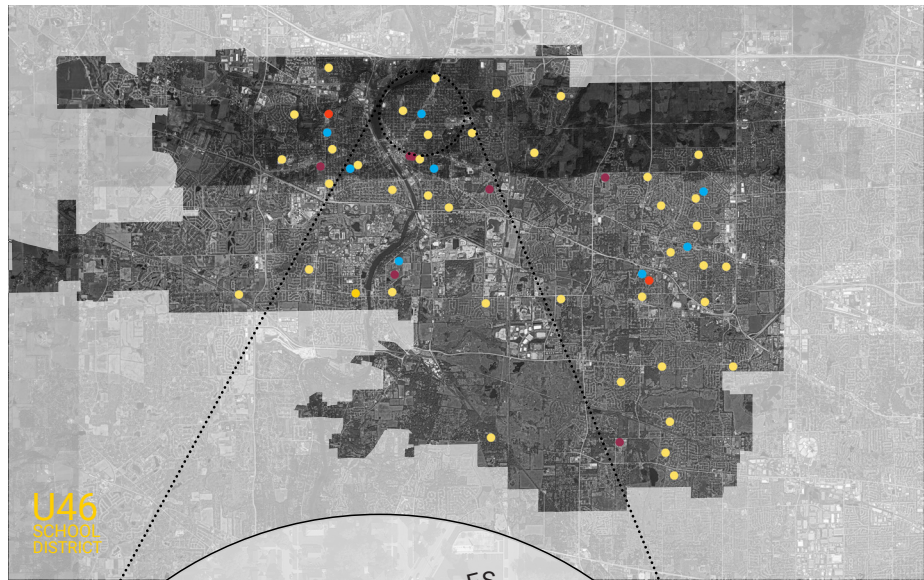
Larsen Middle School

665 Dundee Ave, Elgin, IL 60120

BUILDING SUMMARY			
Gross SF	101,675	Number of Levels	3
Year Built	1951	Number of Additions	1



FACILITY LOCATION



Current
Acreage:
5.39
ACRES

Guideline
Acreage:
21.54
ACRES

* Guideline Acreage recommended by State of Illinois = 5 acres plus 1 acre per every 100 students

1951
2002

TRAVEL

4-6 MIN Furthest approximate travel time from one location to another for an average **Middle School Student**.

PLAN KEY

- Administration
- Building Support
- Cafe Support
- Commons / Cafeteria
- Core Classroom
- Elective Classroom
- Gym / Fitness
- Kindergarten / ECC
- Learning Center
- Media Lab
- Performance Venue
- Performing Arts Classroom
- Resources
- Science Lab
- Special Education
- Stem / Hands-On Learning
- Restrooms
- Student Support
- Visual Arts
- Travel Path
- Under-sized space
- Room Capacity based on ISBE Guidelines
- Room Capacity based on ISBE Guidelines (not included in Effective Capacity)



Larsen Middle School

665 Dundee Ave, Elgin, IL 60120



LEVEL 2



ENROLLMENT METRICS

Occupancy**	1294
Effective Capacity	827
Total Enrollment	654

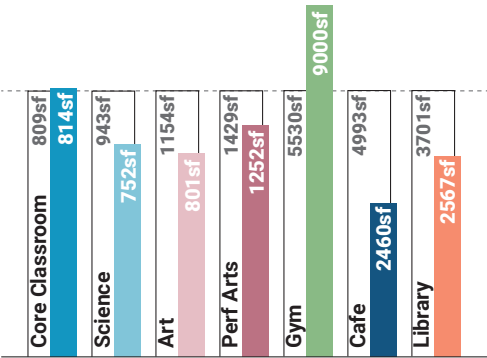
Occupancy: the maximum number of people that can be housed in a space in accordance with the building/ fire code

****NOTE:** Occupancy is NOT the recommended number of students for a space, it is the maximum allowed by code.

Effective Capacity: the amount of students a school can effectively support based on the District's current practices and future vision for teaching and learning. This is calculated based on ISBE's square footage per student guideline. Calculated based on core classrooms, science labs and Special Education spaces.

Enrollment: number of students that attended the facility in 2019-2020.

AREA COMPARISON



* This comparison notes the difference between Larsen Middle School area per student in comparison to the current National average as noted in the 2015 School Construction Report. The master planning process will produce outcomes pertinent to the District as a whole. This is just one metric to compare space.

155 square feet per student : 147 square feet per student
Larsen Middle School : 2015 National Low Quartile Number*

PLAN KEY

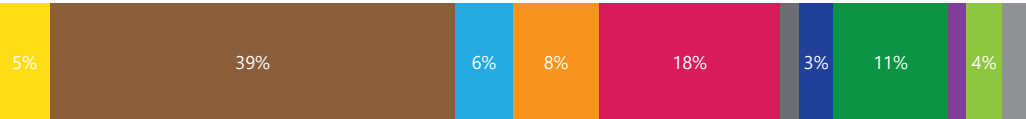
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Spatial Educational Adequacy(25%)	C	Facility Condition(35%)	C
(Data collected through Staff Survey)	7.0/10	FCI	.15
Physical Features	7.6/10	Water Usage(5%)	A
Environment Supports Variety	7.2/10	Gallons/SF	4.9
Visual Stimulation	5.3/10	Energy Usage(10%)	D
Future Readiness	7.5/10	Total	69.3kBTU/SF/yr
Building Allocation(25%)	F	Electric	16.4kBTU/SF/yr
Gross SF/student	155	Gas	52.9kBTU/SF/yr
Site Acreage/Guideline	25%		
Mobiles in Use/Basement Used	No/Yes		

AGGREGATED FACILITY GRADE C-

Educational Adequacy grades were determined by a survey issued to staff. Square Foot/Student grades were determined by building area and enrollment. Facility grades are determined building assessments. Water grades were determined by comparing utility data to the Commercial Buildings Energy Consumption Survey. Energy grades were deteremined by comparing utility data to the US Dept of Energy's Building Performance Database. Percent in parenthesis indicates weight of category in aggregate facility grade.

Activity mapping is based on survey data (Week in the Life) collected by teachers throughout the district over the course of one week. The teachers provided the learning activity and amount of time spent in that activity. Data was aggregated for the school and is represented by the average percent of time spent in the activity.



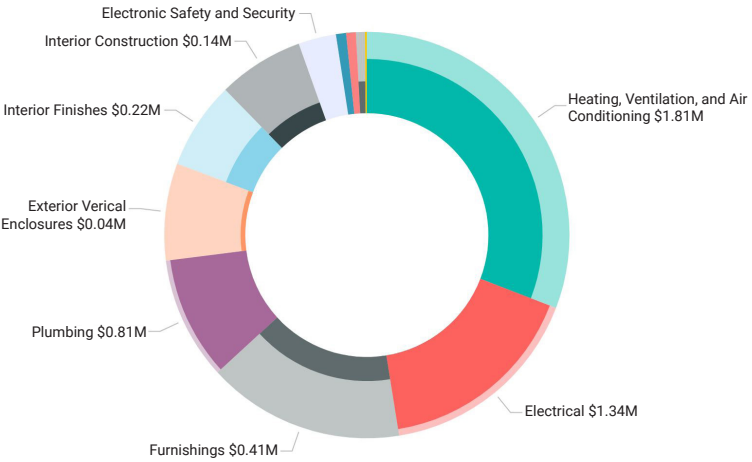
- Creative Brainstorming
- Direct Instruction
- Focused Study
- Group Discussion
- Hands-On Learning
- Housekeeping
- Physical Activities
- Practicing Autonomy
- Presenting or Performing
- Reserach & Reflection
- Transition

What's a Listening Tour?

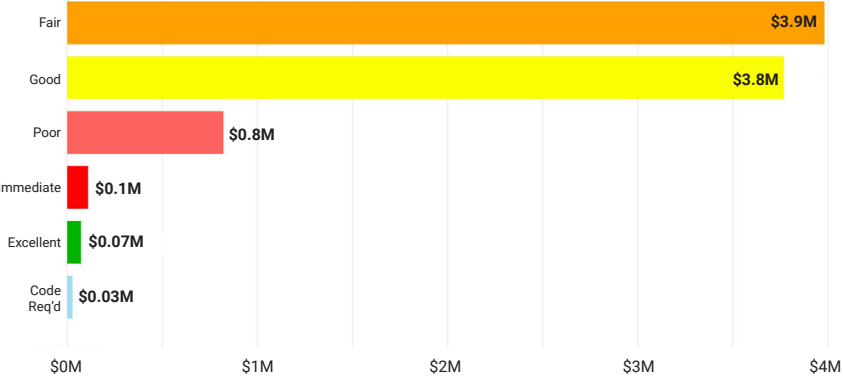
Staff surveys (Listening Tours) were sent to each school where faculty gave input about the strengths and weaknesses of the building. The following comments highlight common themes and concerns.

Listening Tour Comments

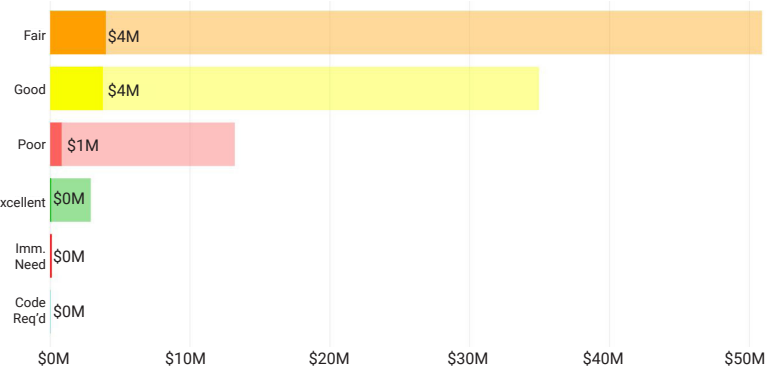
- The cafeteria location, without ADA access is an issue. The acoustics in the lunchroom could use an update.
- The heating and cooling from room to room is inconsistent.
- The library needs updating, including new furniture and shelves.
- More flexible furniture in classrooms would help with overall learning for all students.
- The building has a lot of charm, even though it is old. The classrooms are cleanly painted but it would be nice to have more color!
- The parking lot does not allow for great flow.
- The auditorium is a great space and needs to be preserved.



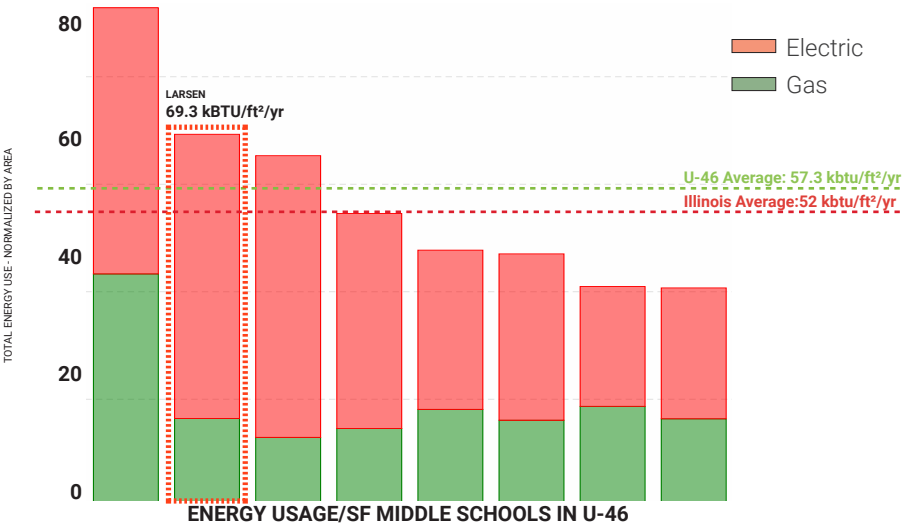
This chart indicates the approximate cost of deferred and anticipated maintenance (in dollars) of items assessed by building system. Highlighted items indicate those items in immediate need, code requirement, poor and fair condition.



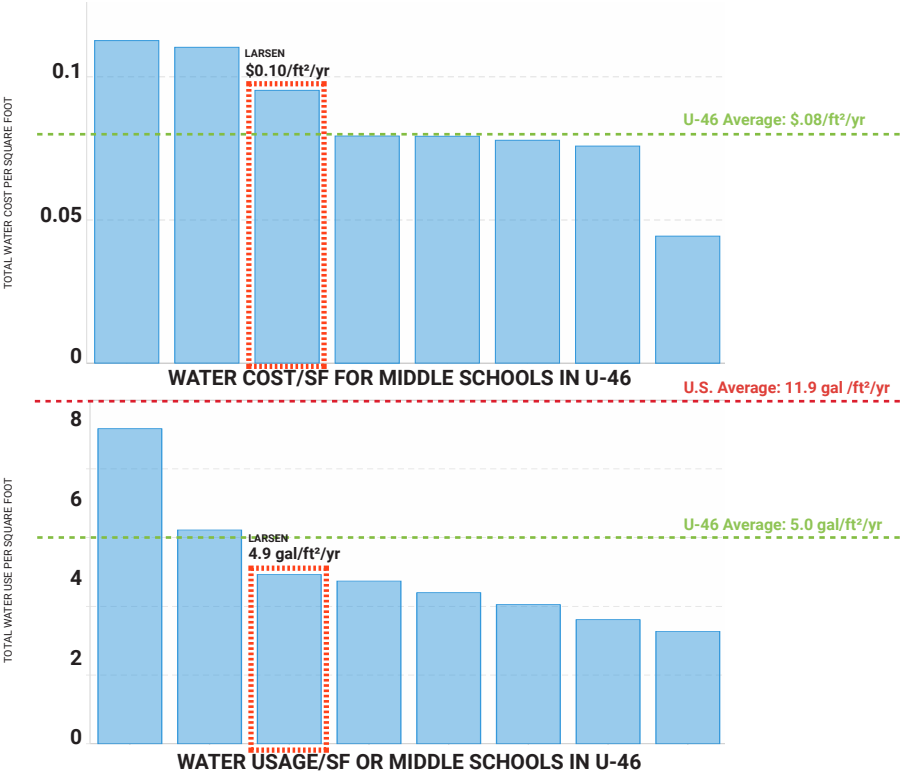
This chart indicates the approximate cost of deferred and anticipated maintenance (in dollars) based on condition of assessed items.



This chart indicates the approximate cost of deferred and anticipated maintenance (in dollars) based on condition of assessed items in relation to the entire cohort of buildings.



Energy Use Intensity (EUI) is a key metric that expresses a building's energy use as a function of its size. Generally, a low EUI signifies good energy performance



Water usage is a key metric that expresses a school's water use and total cost of water in comparison to the other middle schools in the district.

How is this information collected?

The goal of the DLR Group integrated design team is to **collect multiple qualitative and quantitative data points** around the same set of items – for example energy use or learning behavior – **in order to form a holistic picture**. The team collects these data points through the use of utility analysis, expert walkthroughs, focus groups, surveys, and ethnographic observation techniques. The results are validated by cross-checking data points, such as a survey answer and a spot measurement, that should relate to one another.