



PROVISO TOWNSHIP HIGH SCHOOLS DISTRICT 209

Community Engagement Session #2

JANUARY 23, 2018

COMMUNITY ENGAGEMENT SESSION #2

Agenda

PROVISO WEST HIGH SCHOOL

JANUARY 23, 2018

6PM – 8PM

01 / Welcome & Introductions

02 / Recap CES #1

03 / Building Assessments

04 / Group Work / Informal Discussion

05 / Next Steps



01/ INTRODUCTIONS

PERKINS+WILL



MICHAEL DOLTER



MARK JOLICOEUR



JESSICA WAGNER

PERKINS+WILL



P E R K I N S
+ W I L L

LEADERS IN
EDUCATIONAL DESIGN
SINCE 1935 /

2,500+ Pre-K-12 projects

Ranked Top K-12 design
firm nationally by
Architectural Record

185+ professionals in
Chicago office

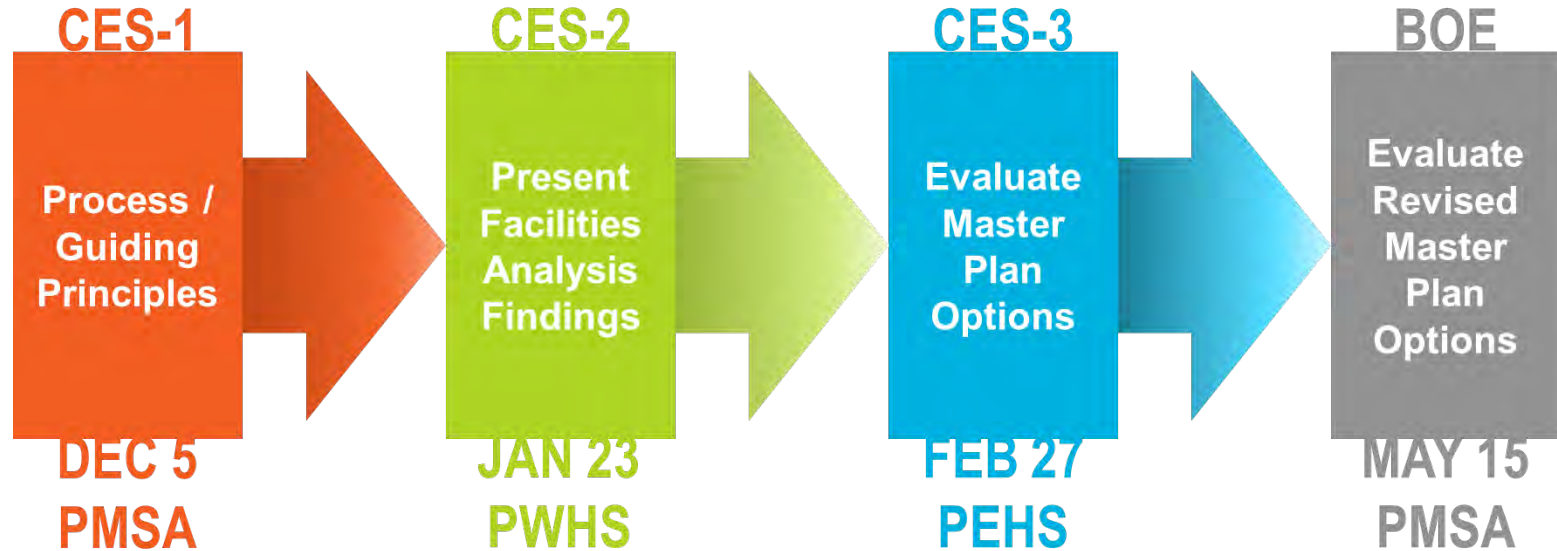
Over 600,000 students
served & counting

More national AIA Honor
Awards for K-12 schools
than any other firm

Deerfield High School
Deerfield, IL

FACILITIES MASTER PLANNING PROCESS

Community Engagement Schedule

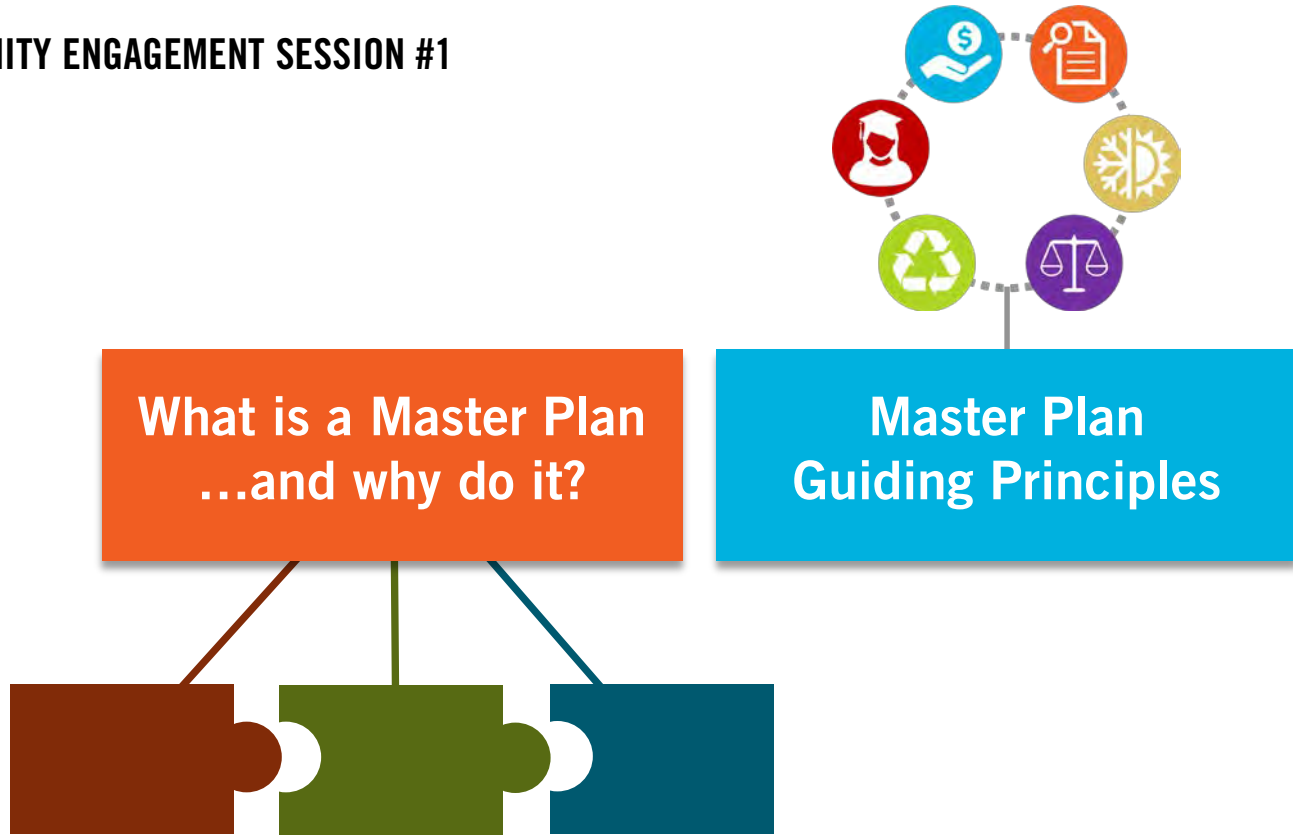


A photograph of a school courtyard. In the background is a two-story brick building with a light blue mural on its side. The mural depicts a group of people in a dynamic, possibly athletic or community setting. In the foreground, there is a paved area with several rows of white bleachers arranged in a semi-circle. A concrete walkway leads from the bottom right towards the bleachers. The courtyard is surrounded by green grass and hedges. A large tree with green leaves is on the left side of the frame, partially obscuring the view. The sky is blue with scattered white clouds.

**02/ RECAP COMMUNITY
ENGAGEMENT SESSION #1**

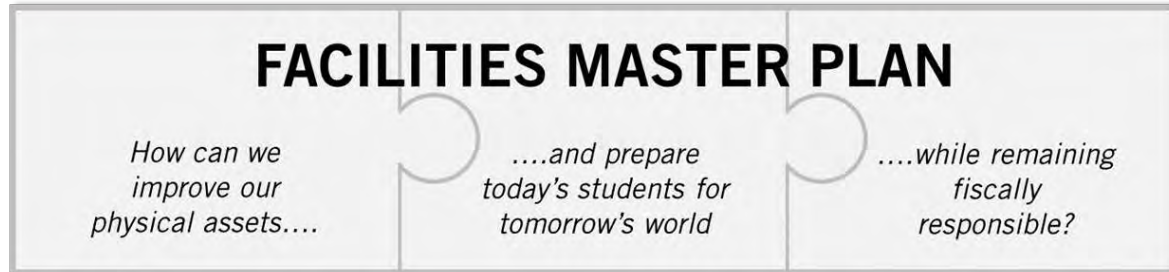
COMMUNITY ENGAGEMENT SESSION #1

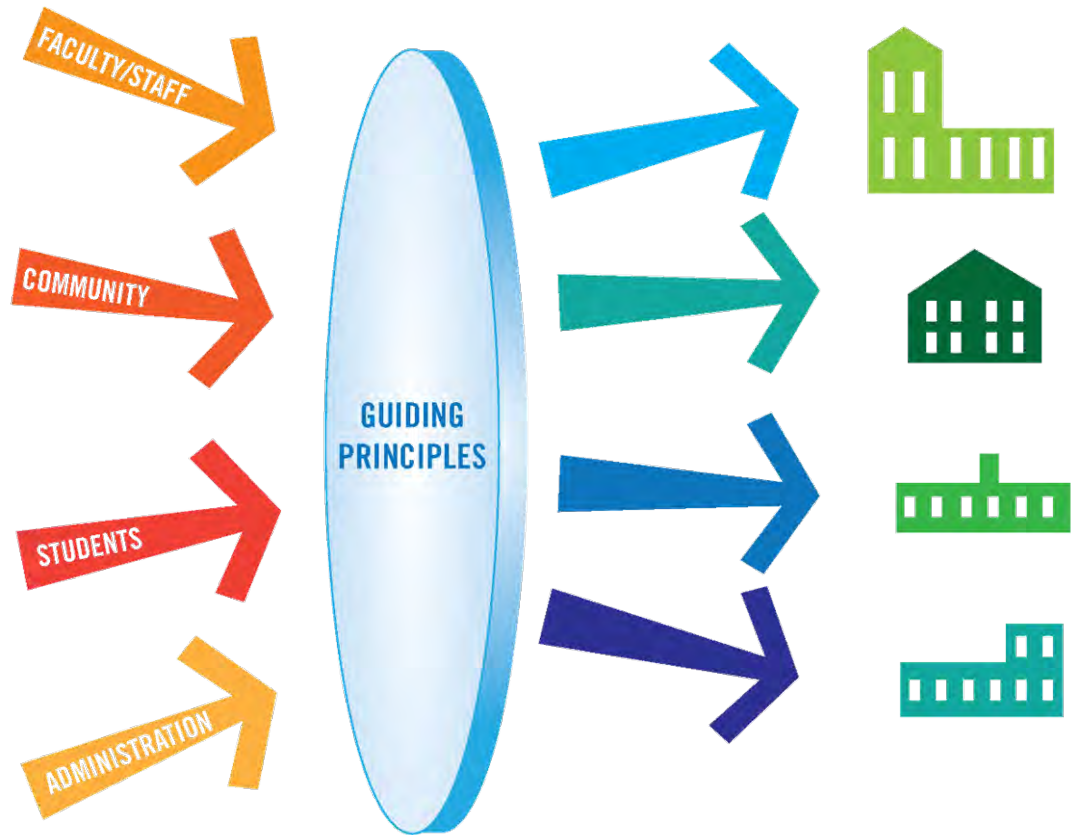
Recap



FACILITIES MASTER PLANNING PROCESS

What is a Master Plan? And why we do it?





INPUTS

LENS

EVALUATION

FACILITIES

The **FMP Guiding Principles** are a lens by which data gathered from all sources can be filtered to determine the most appropriate solutions for any facility.

MASTER PLAN GUIDING PRINCIPLES

All Master Plan Decisions should...





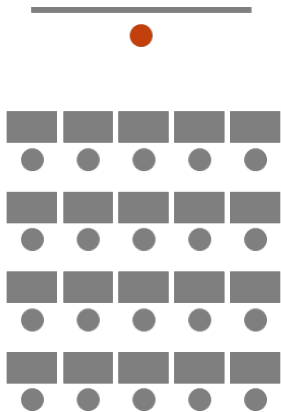
65% OF TODAY'S GRADE SCHOOL KIDS
WILL END UP AT JOBS THAT **HAVEN'T
BEEN INVENTED YET."**

*Center for Evaluation & Education Policy,
Indiana University*



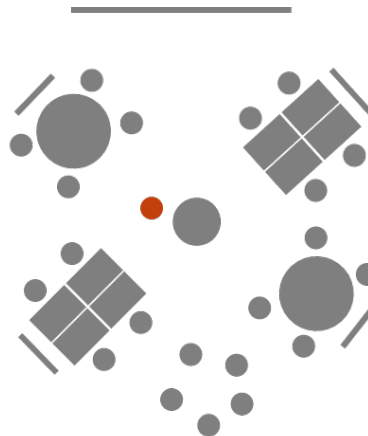
CHANGE – TODAY'S CLASSROOM

Flexible, Active, Adaptable



20th Century

- Teacher-centered
- Passive learning
- Organized by age/subject
- Rote memorization
- Industrial efficiency

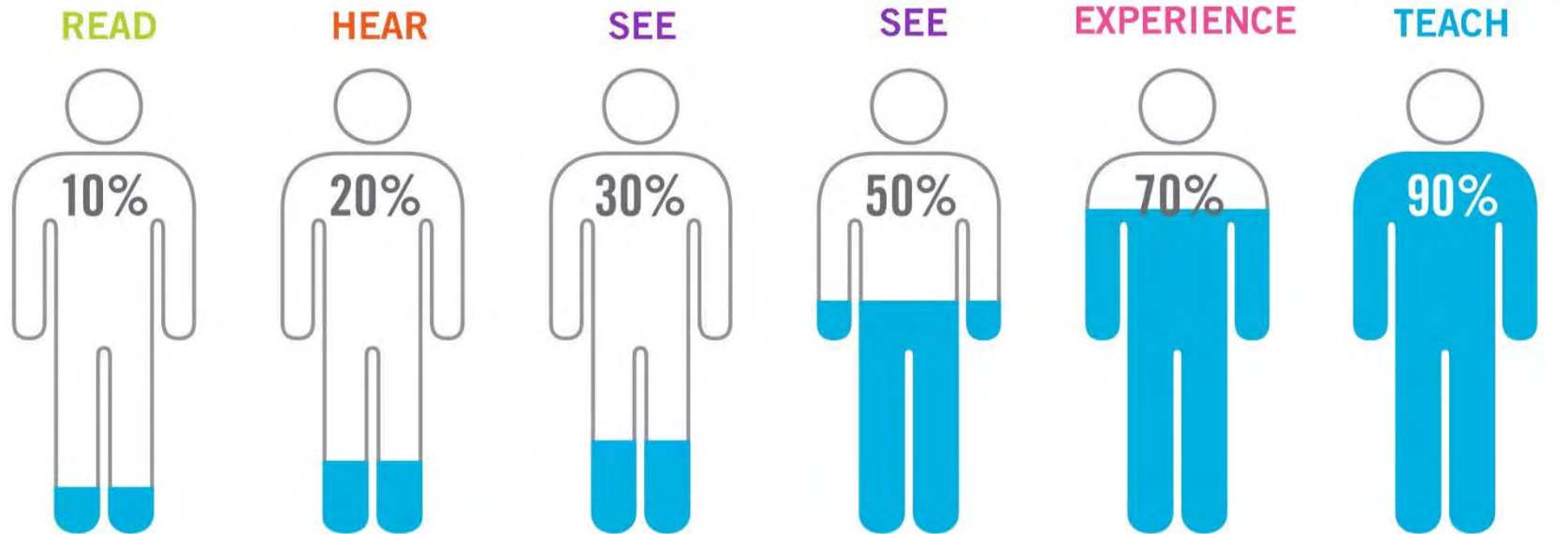


21st Century

- Student-centered
- Active learning
- Multi-age learning communities
- Project based and experiential
- Students not tied to fixed location

TODAY'S STUDENT

THE INNOVATION MINDSET



IMPACT OF FACILITIES ON STUDENT PERFORMANCE

Meeting the Basic Needs

ERGONOMICS

Furniture that provides children an increased opportunity to move triggers **above average levels of concentration** during test taking



Daylighting has been linked to **“better performance of students** – as much as 20% improvement in math and 26% in reading on standardized tests”

(Heschong Mahone Group, 1999)

LIGHTING

Thermal conditions below optimal levels affect dexterity while thermal conditions above optimal levels decrease alertness & cause physical stress

THERMAL CONTROL



ACOUSTICS

Noise influences children’s information processing strategies and feelings of personal control

(Cohen & Weinstein, 1981)

INDOOR AIR QUALITY

Asthma accounts for 10 ‘ million school absences per year. (EPA)





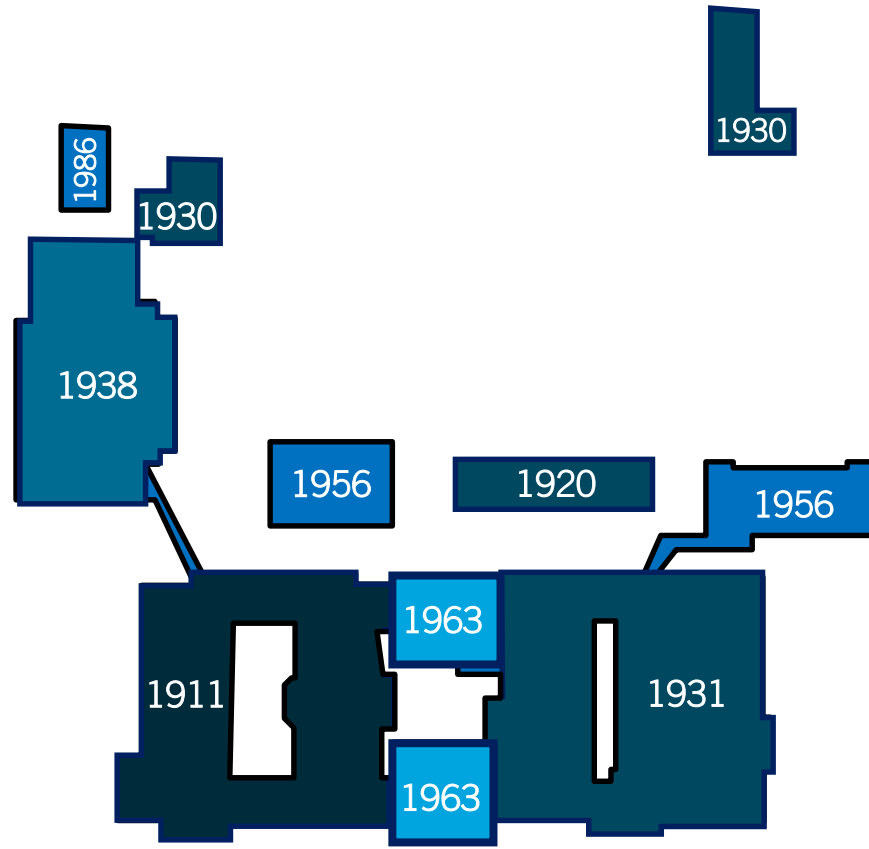
03/ BUILDING ANALYSIS & FINDINGS

An aerial view of a courtyard within a large brick building complex. The courtyard is landscaped with green grass, red mulch, and various shrubs. A large, mature evergreen tree stands in the center. A stone path winds through the garden beds. The surrounding buildings are multi-story brick structures with numerous windows. The sky is overcast.

03.1/ PROVISO EAST

PROVISO EAST HIGH SCHOOL

Building Chronology





Washington


1st Ave

Madison

Legend

- Parking - Student
- Parking - Faculty
- Loading Facilities
- Bus Drop-Off
- Vehicular Drop-Off
- Play Fields
- Area of Concern Pedestrian
- Area of Concern Water
- Area of Concern Vehicular

Proviso East High School
Existing Site Analysis



PROVISO EAST HIGH SCHOOL

Site Facilities



PROVISO EAST HIGH SCHOOL
Library



PROVISO EAST HIGH SCHOOL

Classroom



PROVISO EAST HIGH SCHOOL

Science Lab Classroom



PROVISO EAST HIGH SCHOOL

Main Gymnasium



PROVISO EAST HIGH SCHOOL


Pool





Physical Assessment	Proviso East High School	Proviso West High School	Proviso Math & Science Academy
Site – Circulation	▲	■	▲
Site – Facilities	▲	▲	▲▲
Building Enclosure – Roofs	●	▲	●
Building Enclosure – Walls	■	■	●
Building Enclosure - Windows	▲	▲	●
Mechanical Systems – Controls	▲	▲	■
Mechanical Systems - IEQ	▲	▲	▲
Plumbing Systems	▲▲	▲▲	■
Electrical - Infrastructure	▲▲	▲	●
Electrical - Lighting	▲▲	▲	●
Technology – Wired	■	■	■
Technology – Wireless	■	■	■
Accessibility	▲	▲	●
Fire Protection - Alarms	■	■	●
Fire Protection - Sprinklers	▲▲	▲▲	●
Building Security	■	■	■

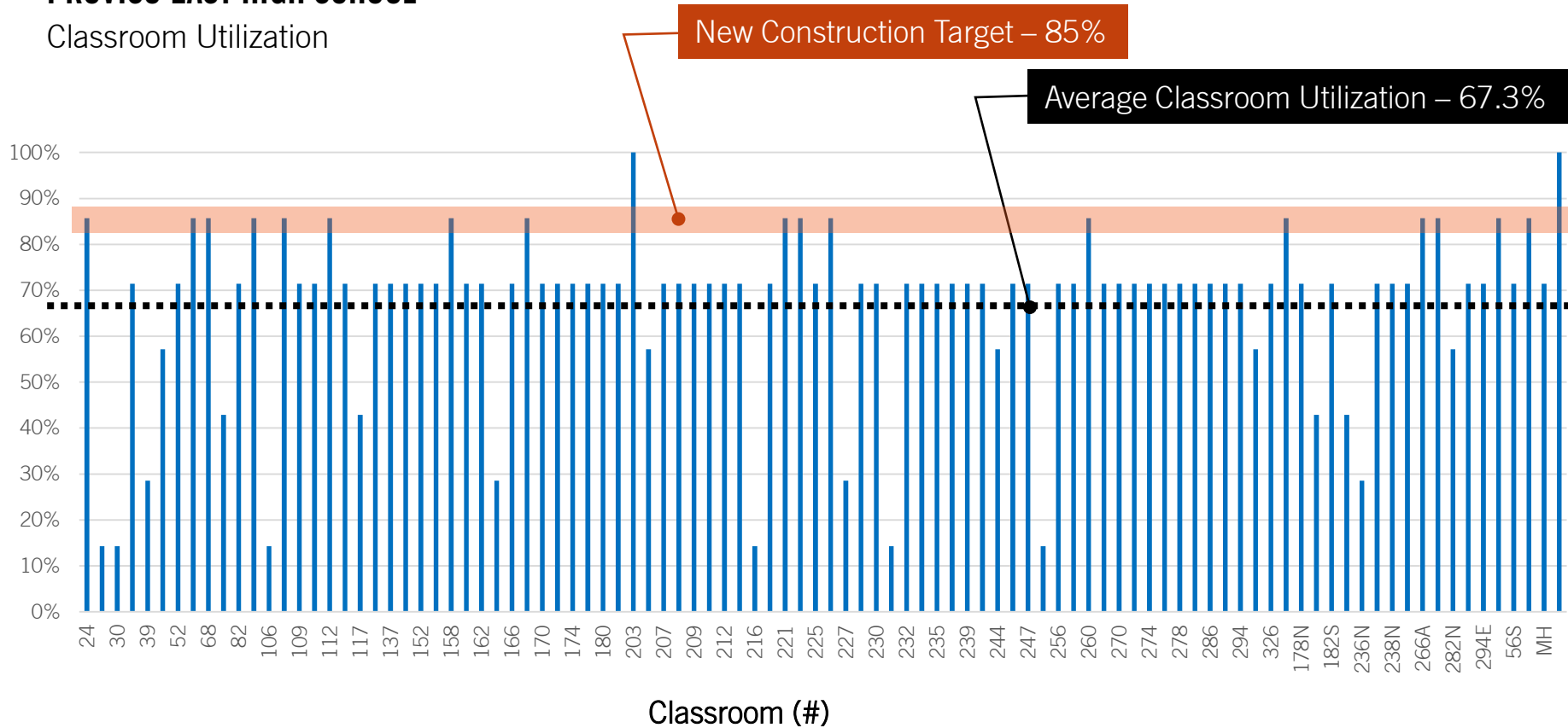
- ▲ Needs significant improvement
- Needs improvement
- Generally in order

 Proviso East Educational Assessment	Administration	Applied Arts	Common Facilities	English	Fine Arts	Library	Mathematics	Physical Education	Sciences	Social Studies	Special Education	World Languages
Space aligns with curriculum/need	■	■	▲	■	▲	▲	■	▲	▲	■	▲	■
Size of spaces	■	▲	▲	▲	▲	■	▲	▲	▲	▲	▲	▲
Functional arrangement of spaces	▲	■	■	■	▲	■	■	▲	■	■	▲	■
Furniture/ Equipment	■	■	■	■	▲	▲	■	▲	▲	■	▲	■
Acoustics	■	■	■	■	■	■	■	■	■	■	■	■
Proximity of Department Offices	■	▲	■	■	▲	●	■	■	■	■	▲	■
Average Std Classroom Size	712 sq ft											

- ▲ Needs significant improvement
- Needs improvement
- Generally in order

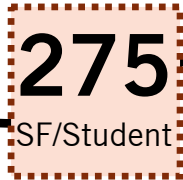
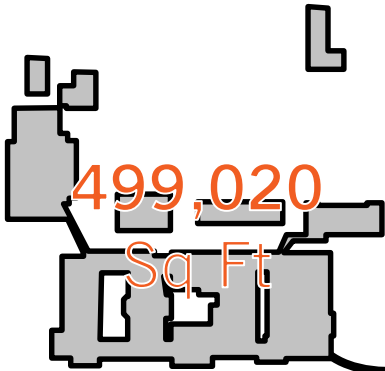
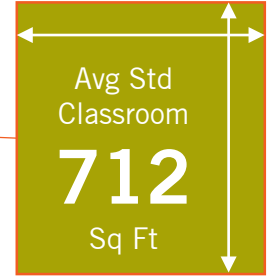
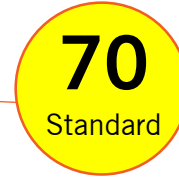
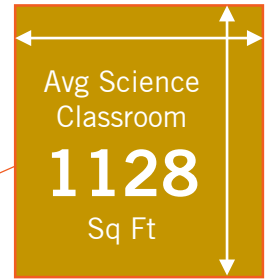
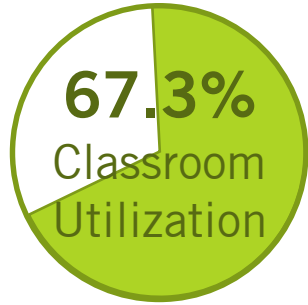
PROVISO EAST HIGH SCHOOL

Classroom Utilization



PROVISO EAST HIGH SCHOOL

By the Numbers

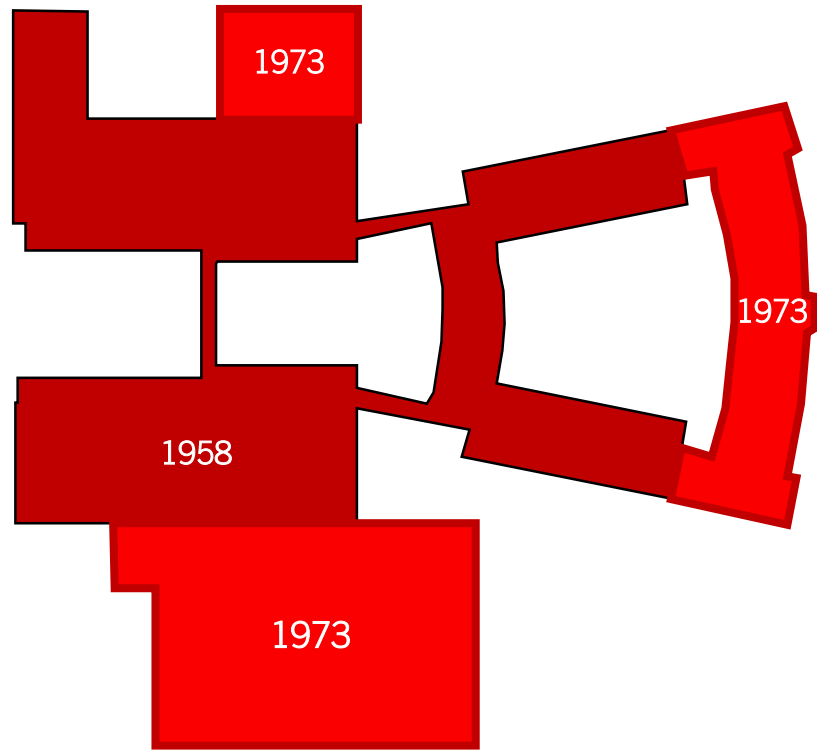


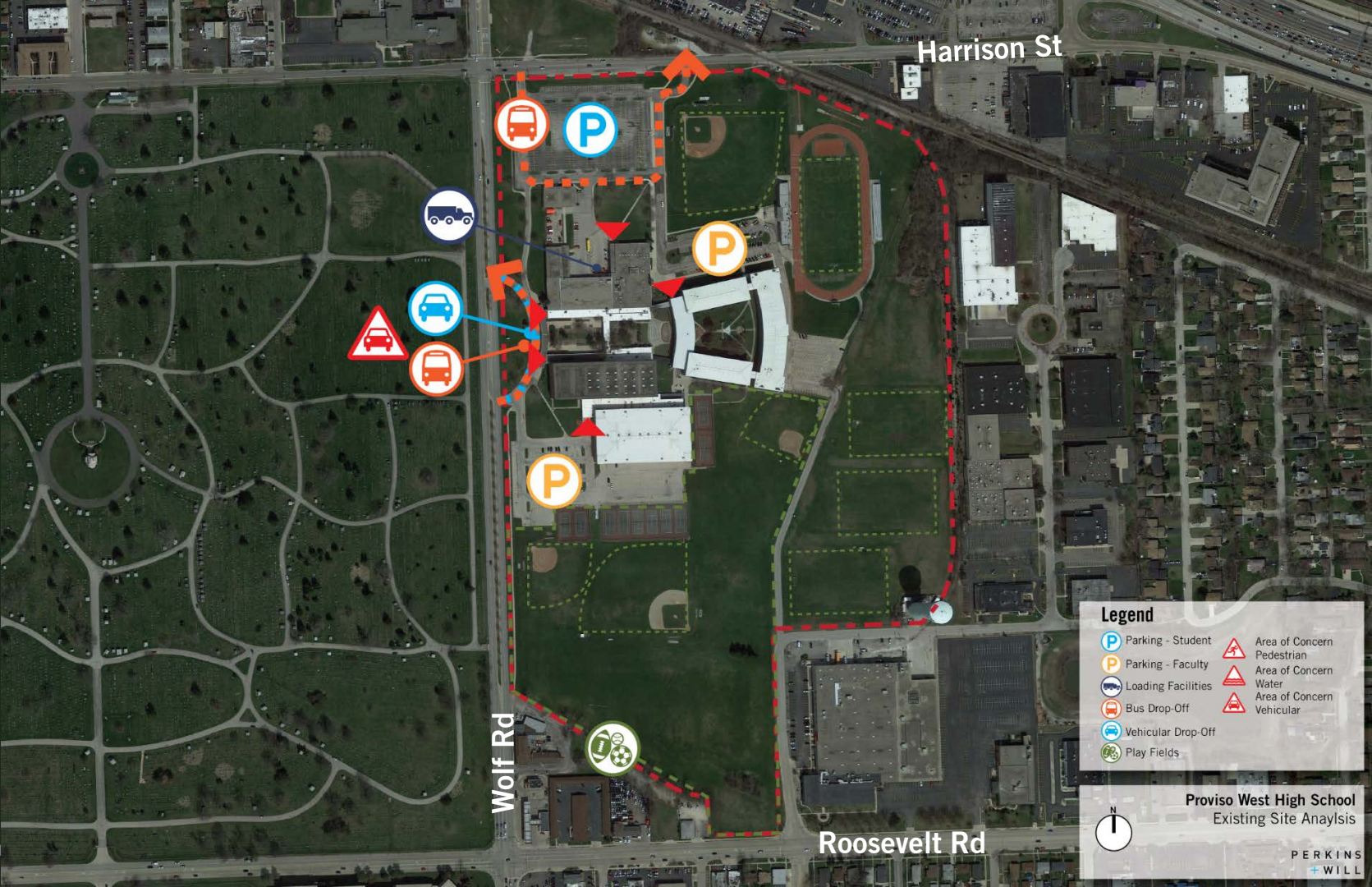
03.2/ PROVISO WEST

A long, covered walkway with a series of red columns supporting a white ceiling. The walkway is paved with light-colored concrete and curves to the right. In the background, there is a large brick building, several trees, and a parking lot. The sky is blue with some clouds. The text "03.2/ PROVISO WEST" is overlaid in the bottom left corner.

PROVISO WEST HIGH SCHOOL

Building Chronology





Harrison St

Wolf Rd

Roosevelt Rd

Legend

- Parking - Student
- Parking - Faculty
- Loading Facilities
- Bus Drop-Off
- Vehicular Drop-Off
- Play Fields
- Area of Concern Pedestrian
- Area of Concern Water
- Area of Concern Vehicular

Proviso West High School
Existing Site Analysis



PROVISO WEST HIGH SCHOOL

Building & Grounds



PROVISO WEST HIGH SCHOOL

Library



PROVISO WEST HIGH SCHOOL

Performing Arts



PROVISO WEST HIGH SCHOOL

Science Classroom



PROVISO WEST HIGH SCHOOL

Main Gymnasium



PROVISO WEST PANTHERS ON THE PROWL

PROVISO WEST

PROVISO WEST


PROVISO WEST HIGH SCHOOL

Pool



Physical Assessment	Proviso East High School	Proviso West High School	Proviso Math & Science Academy
Site – Circulation	▲	■	▲
Site – Facilities	▲	▲	▲▲
Building Enclosure – Roofs	●	▲	●
Building Enclosure – Walls	■	■	●
Building Enclosure - Windows	▲	▲	●
Mechanical Systems – Controls	▲	▲	■
Mechanical Systems - IEQ	▲	▲	▲
Plumbing Systems	▲▲	▲▲	■
Electrical - Infrastructure	▲▲	▲	●
Electrical - Lighting	▲▲	▲	●
Technology – Wired	■	■	■
Technology – Wireless	■	■	■
Accessibility	▲	▲	●
Fire Protection - Alarms	■	■	●
Fire Protection - Sprinklers	▲▲	▲▲	●
Building Security	■	■	■

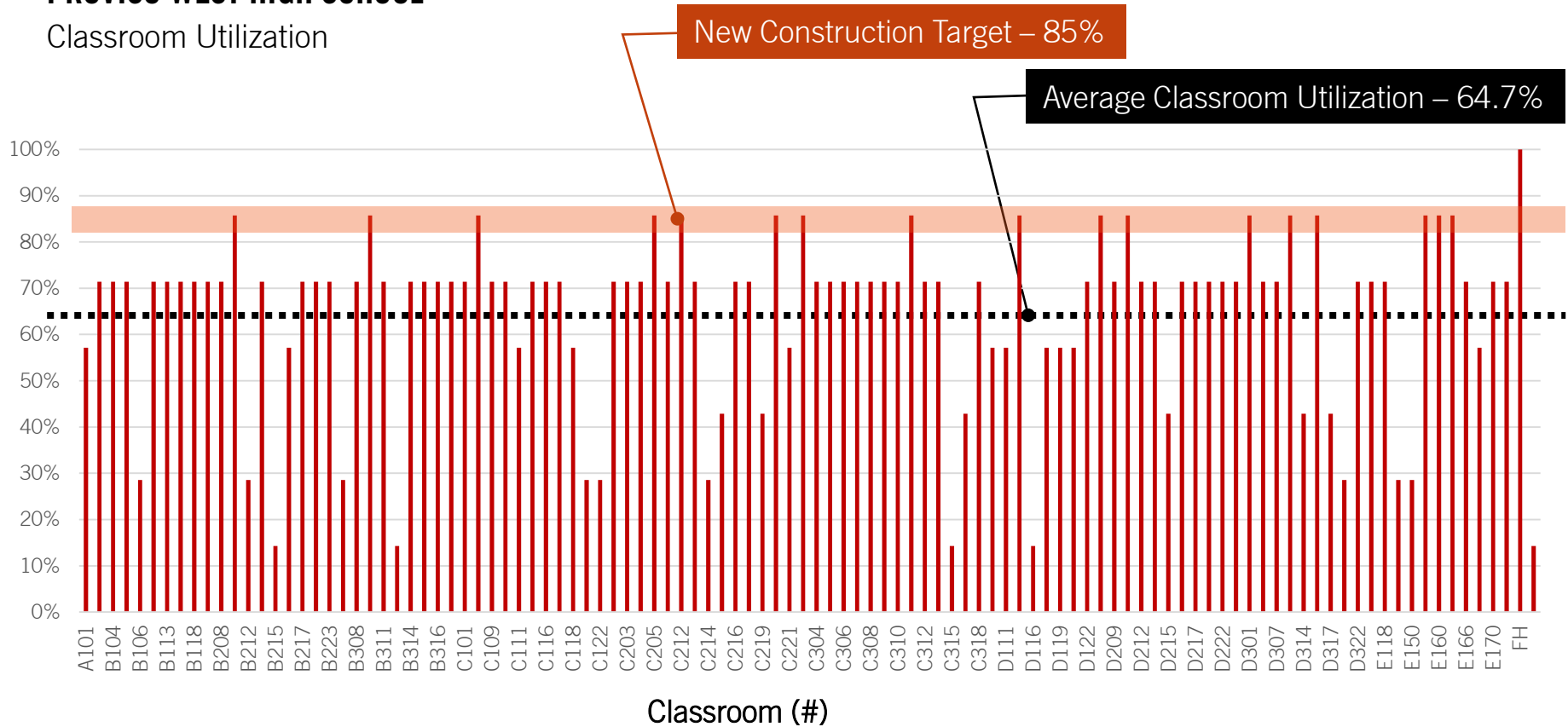
- ▲ Needs significant improvement
- Needs improvement
- Generally in order

 Proviso West Educational Assessment	Administration	Applied Arts	Common Facilities	English	Fine Arts	Library	Mathematics	Physical Education	Sciences	Social Studies	Special Education	World Languages
	Space aligns with curriculum/need	■	■	▲	■	▲	▲	▲	■	▲	■	▲
Size of spaces	■	▲	▲	▲	▲	■	▲	●	▲	▲	▲	▲
Functional arrangement of spaces	■	▲	▲	▲	▲	▲	■	■	▲	■	▲	■
Furniture/ Equipment	■	■	■	■	■	■	■	■	■	■	▲	■
Acoustics	■	■	▲	■	▲	▲	■	■	■	■	■	■
Proximity of Department Offices	■	▲	■	■	▲	●	▲	●	■	■	▲	■
Average Std Classroom Size	731 sq ft											

- ▲ Needs significant improvement
- Needs improvement
- Generally in order

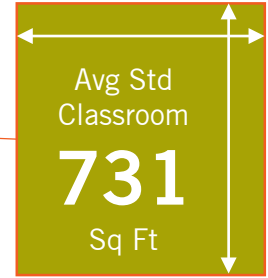
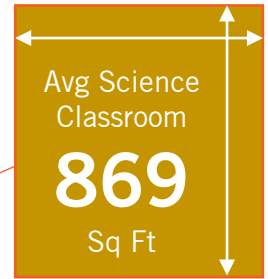
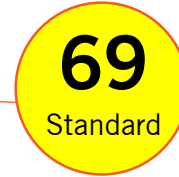
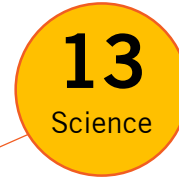
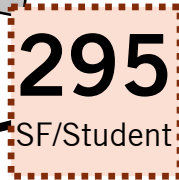
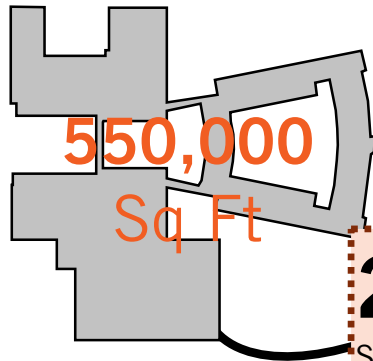
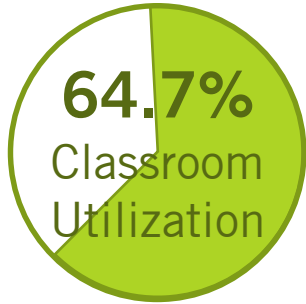
PROVISO WEST HIGH SCHOOL

Classroom Utilization



PROVISO WEST HIGH SCHOOL

By the Numbers



ARS

03.2/ PROVISO MATH & SCIENCE



PROVISO MATH AND SCIENCE ACADEMY

Building Chronology Plan





Roosevelt Rd

1st Ave

Legend

Parking - Student	Area of Concern Pedestrian
Parking - Faculty	Area of Concern Water
Loading Facilities	Area of Concern Vehicular
Bus Drop-Off	
Vehicular Drop-Off	
Play Fields	

Proviso Math & Science Academy
Existing Site Analysis

PERKINS
+ WILL

PROVISO MATH & SCIENCE ACADEMY

Corridor



PROVISO MATH & SCIENCE ACADEMY

Library



PROVISO MATH & SCIENCE ACADEMY

Classroom



PROVISO MATH & SCIENCE ACADEMY

Science Lab Classroom



PROVISO MATH & SCIENCE ACADEMY

Performing Arts



PROVISO MATH & SCIENCE ACADEMY

Auditorium




PROVISO MATH & SCIENCE ACADEMY

Indoor Physical Education



Physical Assessment	Proviso East High School	Proviso West High School	Proviso Math & Science Academy
Site – Circulation	▲	■	▲
Site – Facilities	▲	▲	▲▲
Building Enclosure – Roofs	●	▲	●
Building Enclosure – Walls	■	■	●
Building Enclosure - Windows	▲	▲	●
Mechanical Systems – Controls	▲	▲	■
Mechanical Systems - IEQ	▲	▲	▲
Plumbing Systems	▲▲	▲▲	■
Electrical - Infrastructure	▲▲	▲	●
Electrical - Lighting	▲▲	▲	●
Technology – Wired	■	■	■
Technology – Wireless	■	■	■
Accessibility	▲	▲	●
Fire Protection - Alarms	■	■	●
Fire Protection - Sprinklers	▲▲	▲▲	●
Building Security	■	■	■

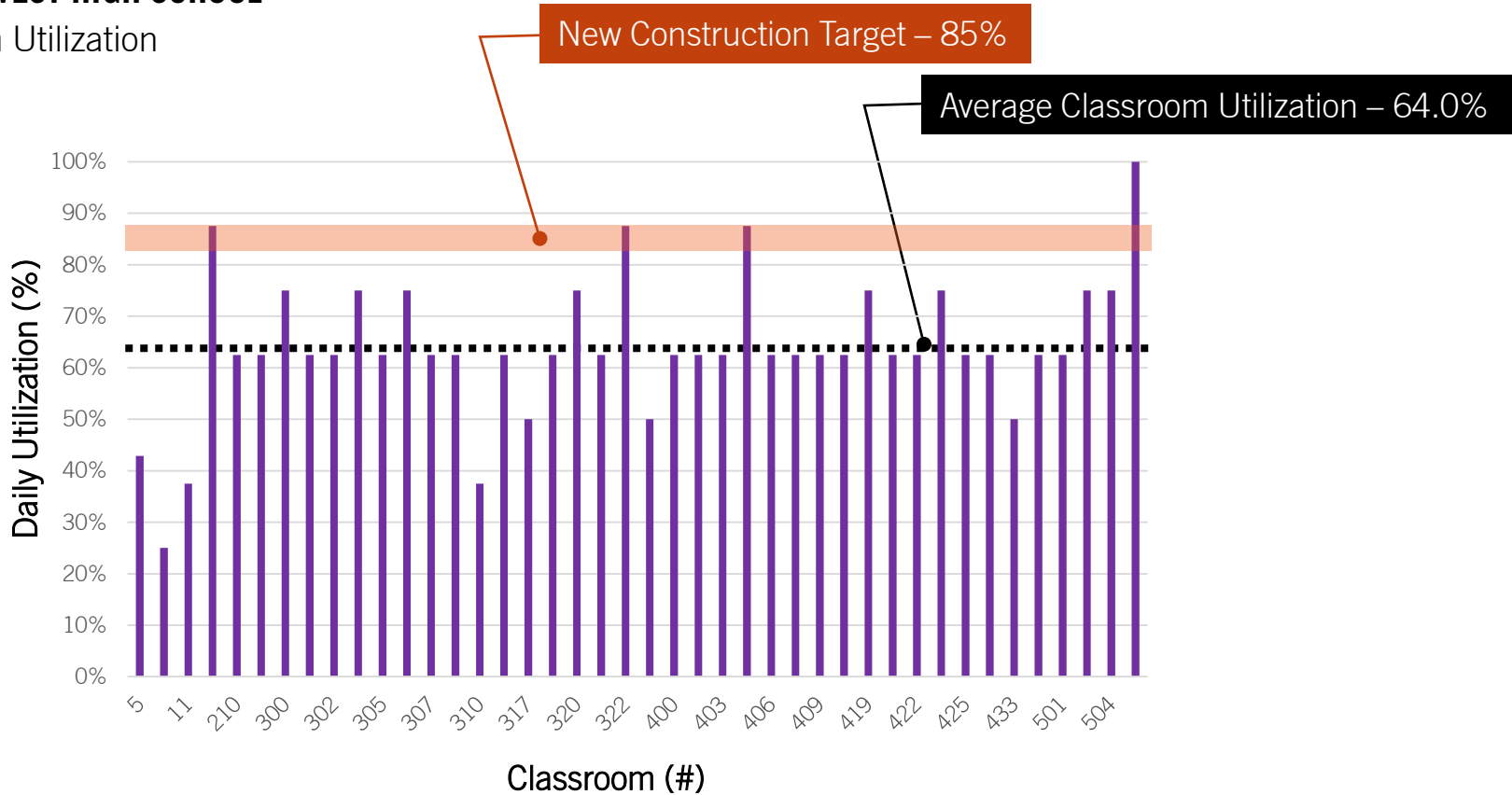
- ▲ Needs significant improvement
- Needs improvement
- Generally in order

 Proviso Math & Science Academy Educational Assessment	Administration	Applied Arts	Common Facilities	English	Fine Arts	Library	Mathematics	Physical Education	Sciences	Social Studies	Special Education	World Languages
Space aligns with curriculum/need	■	-	■	■	■	■	■	▲	■	■	-	■
Size of spaces	■	-	■	●	▲	■	●	▲	●	●	-	●
Functional arrangement of spaces	■	-	●	■	▲	■	■	▲	●	■	-	●
Furniture/ Equipment	■	-	■	■	▲	■	■	▲	■	■	-	■
Acoustics	■	-	▲	■	▲	●	■	▲	■	■	-	■
Proximity of Department Offices		-		■	■	-	■	-	●	■	-	●
Average Std Classroom Size	944 sq ft											

- ▲ Needs significant improvement
- Needs improvement
- Generally in order

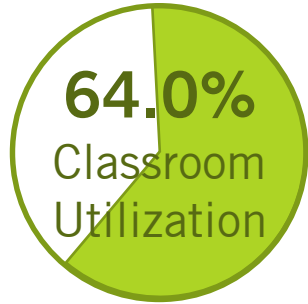
PROVISO WEST HIGH SCHOOL

Classroom Utilization



PROVISO MATH & SCIENCE ACADEMY

By the Numbers



8.5
Acres

44
Classrooms/
Teaching
Stations

8
Science

Avg Science
Classroom
1519
Sq Ft

33
Standard

Avg Std
Classroom
944
Sq Ft

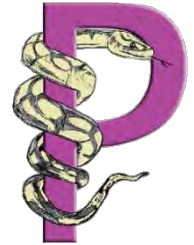
0
Special
Ed

3
PE

790
Students

225,000
Sq Ft

285
SF/Student



Statistics Comparison	Proviso East High School	Proviso West High School	Proviso Math & Science Academy
Site Size	46 Acres	55 Acres	8.5 Acres
Building Size	499,020 sf	550,000 sf	225,000 sf
# Students	1,814	1,850	790
Area per Student	275 sf	295 sf	285 sf
Classroom Utilization	67.3%	64.7%	64.0%
# Science Classrooms	9	13	8
# Special Education Classrooms	13	24	0
# Other Classrooms	70	69	33
Average Size – Science Classroom	1128 sf	869 sf	1519 sf
Average Size – Standard Classroom	712 sf	731 sf	944 sf

Areas of Improvement – <u>Building Systems</u>	Proviso East High School	Proviso West High School	Proviso Math & Science Academy
Roofing		●	
Exterior Windows	●	●	
Interior Door Hardware	●	●	
Mechanical Systems & Controls	●	●	●
Accessibility	●	●	
Fire Protection	●	●	
Electrical Infrastructure	●		
Lighting	●	●	
Security & Access Control	●	●	●
Technology Infrastructure			●

Areas of Improvement – <u>Site</u>	Proviso East High School	Proviso West High School	Proviso Math & Science Academy
Play Fields	●	●	●
Parking	●	●	●
Drop-off / Pick-up Control	●	●	●
Traffic & Pedestrian Control	●	●	●
Limiting Building Entries	●	●	
Disconnected Campus	●		
Clearly Identifiable Main Entry		●	
Maximize Efficient Use of Land		●	●
Storm Water Management	●		

<u>Areas of Improvement – Educational Environment</u>	Proviso East High School	Proviso West High School	Proviso Math & Science Academy
Interior Wayfinding & Signage	●	●	●
Classroom Environment	●	●	●
Common Student Gathering Space	●	●	●
Science Lab Classrooms	●	●	
CTE Space Improvements	●	●	●
Realign Library	●	●	
Improved Performing & Visual Arts	●	●	●
PE & Locker Room Improvements	●	●	●
Accessibility	●	●	
Departmental Organization		●	



04/ GROUP WORK / INFORMAL DISCUSSION

GROUP WORK / INFORMAL DISCUSSION

Procedures

1. Select a **Scribe** who should:
 - have legible penmanship
 - transcribe group discussion points without editing
2. Select a **Spokesperson** who will:
 - keep the group on task
 - represent the group during reporting out
 - summarize the groups discussions

GROUP WORK / INFORMAL DISCUSSION

Questions – 15-20 minutes each

Q1 What **surprised** you about the current condition of the schools? What **concerns** you?

Q2 What **questions or ideas** do you have as the development of the Master Plan moves forward?

Q3 What, in particular, do you feel the Master Plan should **focus** on?

GROUP WORK / INFORMAL DISCUSSION

Reporting Out – 15 minutes total

Group Report Out

Group **Spokesperson** will:

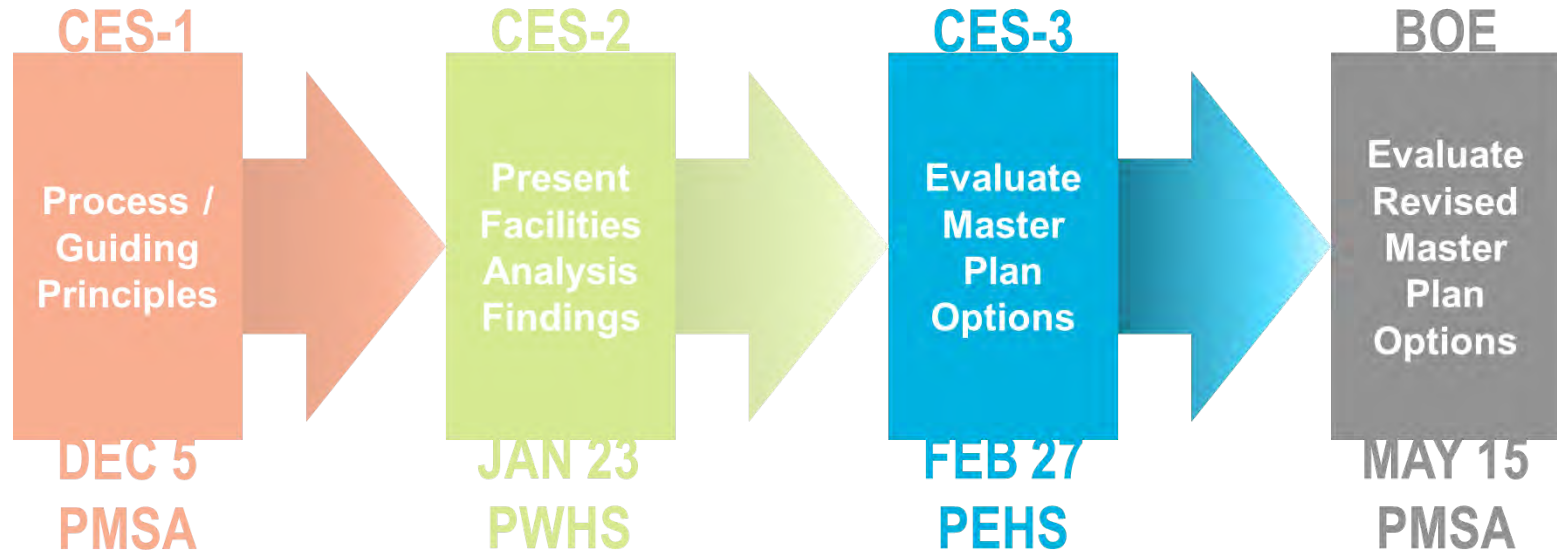
- represent the group during reporting out
- summarize the groups discussions



05/ NEXT STEPS

FACILITIES MASTER PLANNING PROCESS

Community Engagement Schedule



THANK YOU!

NEXT COMMUNITY ENGAGEMENT SESSION
February 27th - Proviso East High School