

Acton-Boxborough Regional School District

Site and Building Assessment Overview





l e a d e r s h i p t e a m

w h o w e a r e

- 60+ person architectural firm
- 20+ year history
- specialize in public school work
- expertise in master planning





s t u d y p r o c e s s

Phase 1 – district wide site and building assessments

- investigate maintenance and infrastructure needs
- develop immediate, 5, 10 and 15 year capital improvement plan for each building and site
- create database that identifies and quantifies all major building systems
- identify capacities of existing schools compared to future enrollment forecasts and current state regulations
- prioritize necessary improvements with line item cost estimates

Phase 2 – educational planning/visioning (contingent on funding in FY17)

- identify PK-12 educational model for 21st century education
- identify how current building configurations relate to desired model
- develop options/costs to meet long term planning needs of educational model

designer selection



designer interviews
6/22/15

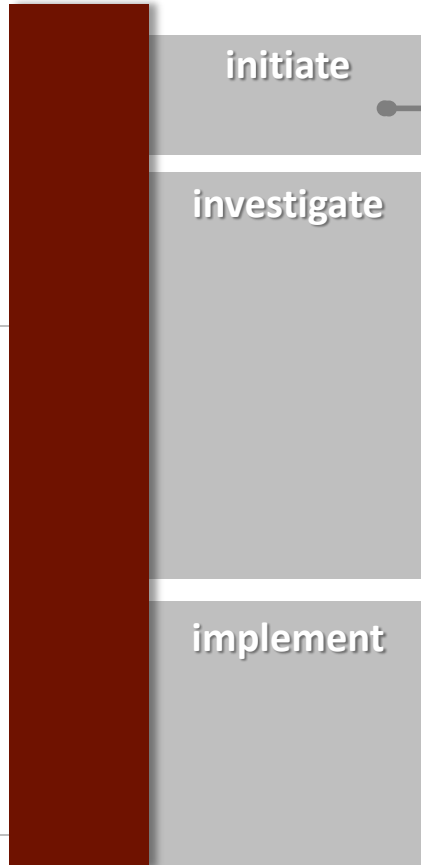
contract execution

kick-off meeting

- goals & objectives
- refine schedule
- communication protocol

gather existing documentation/reports

p r o c e s s

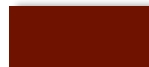


phase 1 – existing conditions

phase 2 – programs/masterplan

public outreach & education

MSBA statement of interest



designer selection



designer interviews
6/11/15

process

Phase 1 – existing conditions

initiate

investigate

implement

facility/site assessments

- physical site and building investigations
- develop existing condition assessment reports
- capacity analysis
- presentation of findings

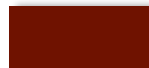
capital improvement plan (CIP)

- immediate needs
- short term needs
- long term needs
- presentation of findings

phase 2 – programs/masterplan



public outreach & education



MSBA statement of interest



designer selection



designer interviews
6/11/15

initiate

investigate

implement

process

Phase 1 – existing conditions

prioritize needs

- health, safety, welfare
- code compliance
- functionality of buildings
- accessibility
- maintenance
- energy efficiency
- hazardous materials

cost estimates and phasing impacts

facility management software??

presentation of findings

final report

phase 2 – programs/masterplan

public outreach & education

MSBA statement of interest



CIP - PRIORITIZING EXAMPLE

1. Health, Safety and Welfare

- Potential Indoor Air Quality
- Poor Electrical Devices
- Structural Issues of Concern
- Life Safety Concerns
- Poor Site Circulation

2. Code Compliance

- Issues not in compliance with CURRENT Codes

3. Functional Use of Building

- Programmatic / space analysis of existing facilities done on a **limited basis**

4. Handicap Accessibility

- Accessibility to the building and site per ADA & MAAB requirements

5. Maintenance

- Deterioration of fixtures, finishes, and building systems

6. Energy Efficiency

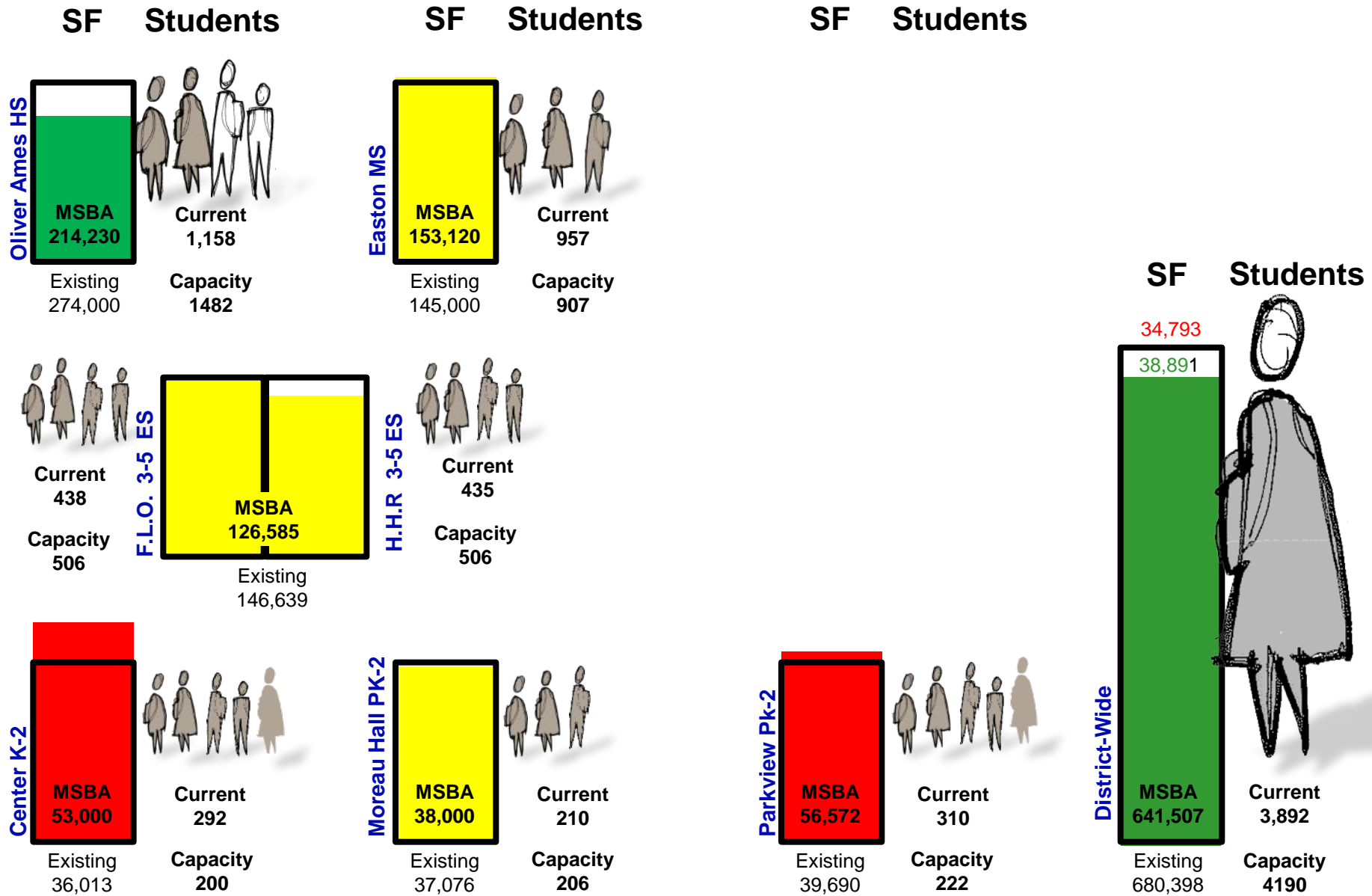
- Mechanical, Electrical & Plumbing Systems
- Building Envelope

7. Hazardous Materials

- Materials in poor condition or that need to be abated or removed per code
- Materials that need to be abated at the time of renovation or demolition

CAPACITY

Based on Gross Square Footage



SF Students

34,793

38,891

*bld. sq. ft. and enrollment per district information

Phase I Work Plan

Tasks and Schedule

