



CENTRAL VALLEY
SCHOOL DISTRICT

Facility Study Update

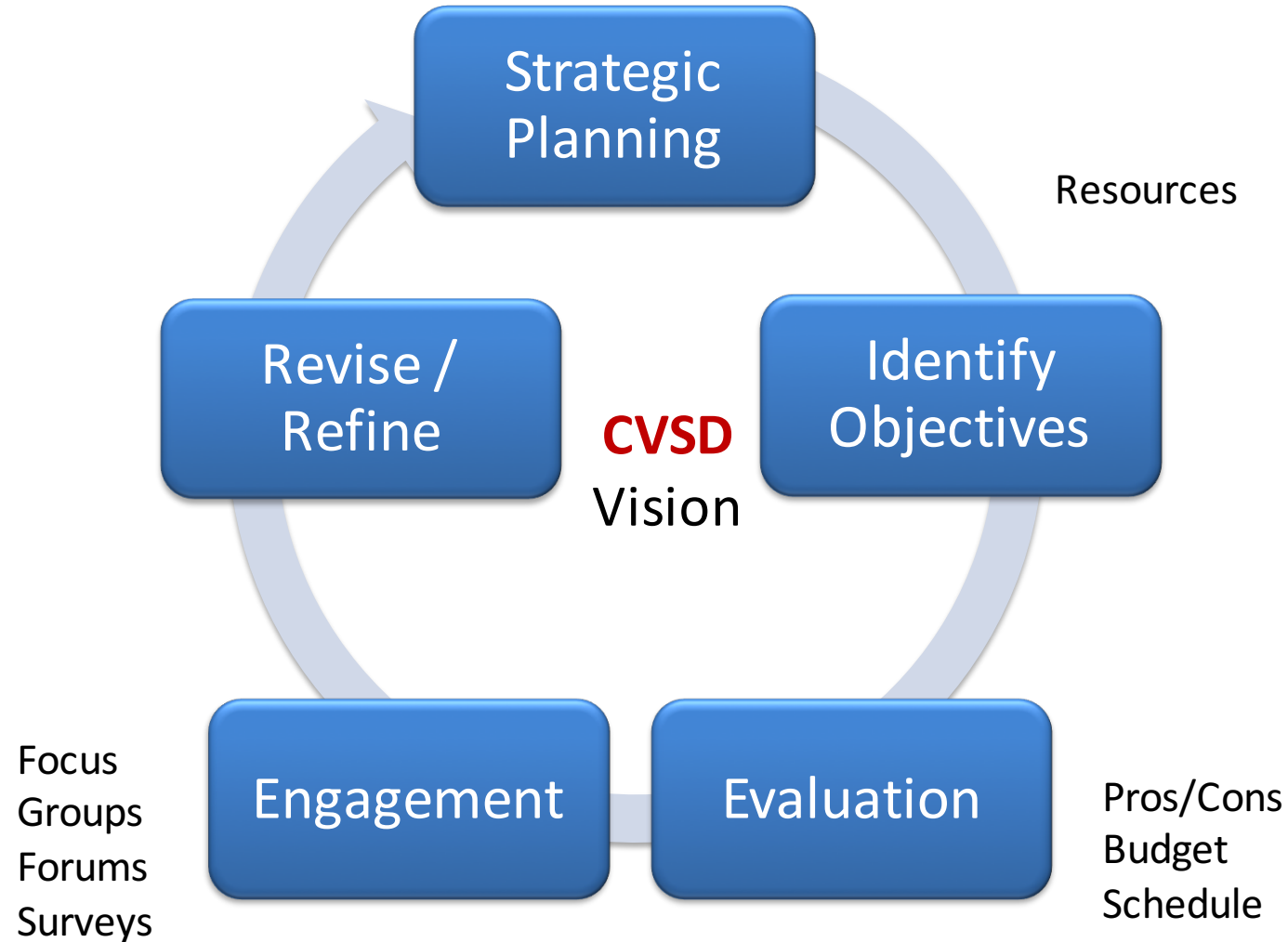
January 18, 2016

CR

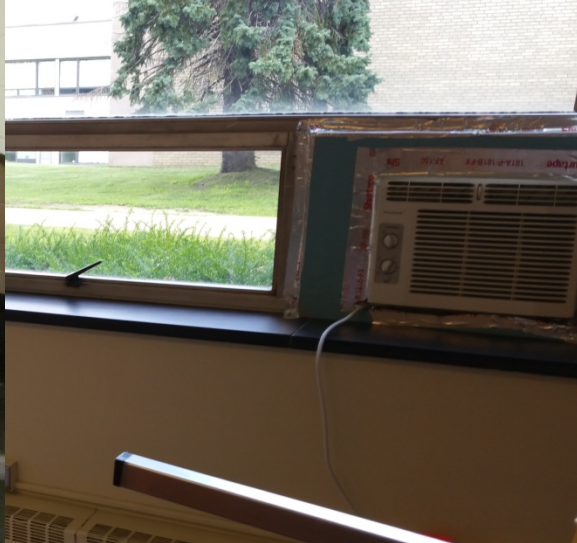
Providing a Client Oriented Approach to Architecture

Crabtree, Rohrbaugh & Associates, Architects

Agenda



- Base Line Renovations
 - Purpose & Guiding Principles
 - Influencing Factors
- Anatomy of a Budget
- Base Line Renovation Cost Estimates
 - Todd Lane Elementary School
 - Central Valley Middle School
 - Central Valley High School
- Next Step



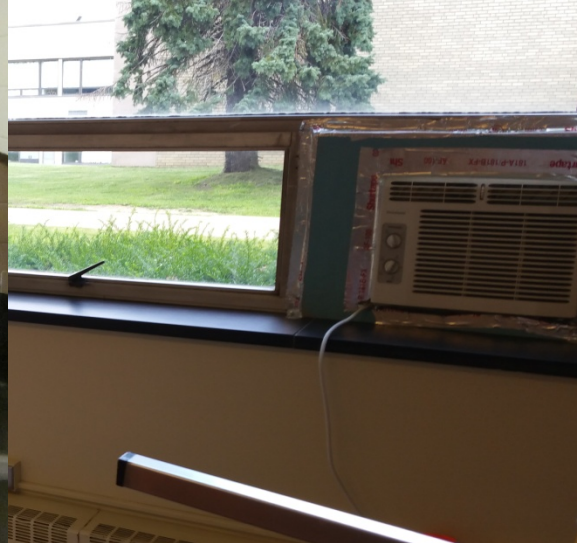
Base Line Renovation Costs

- Purpose of establishing **Base Line**
 - Develop an understanding of the work required to bring existing school facilities up to current construction standards – Pa Dept. of Education
 - Develop systematic approach to Study
 - Identify Guiding Principles discussed to date
 - Comprehensive Renovations Throughout
 - ALL new Building Systems; HVAC, Electrical, Plumbing, Technology
 - Apples to Apples comparison for all school buildings
- Base Line Renovation Costs DO NOT address: (Information Forthcoming)
- Additional Building Area for Educational Program
 - Athletic Stadium Improvements

Base Line Renovation Costs

Guiding Principles addressed in Base Line Renovation Costs

- Air conditioning
- Technology infrastructure
- Lab spaces/STEM spaces
- Maintaining grade configurations (K-2, 3-5, 6-8, 9-12)
- Security upgrades; Building Access and Site Safety including traffic
- Space for all day Kindergarten
- Departmentalized spaces to include upgrades to the practical and related arts (music, art, FCS, etc....)
- Large group instruction spaces; flexible spaces
- Upgrades to auditorium, gymnasium, locker rooms (field house)
- Football, soccer, baseball, softball stadium upgrades (turf and lights)



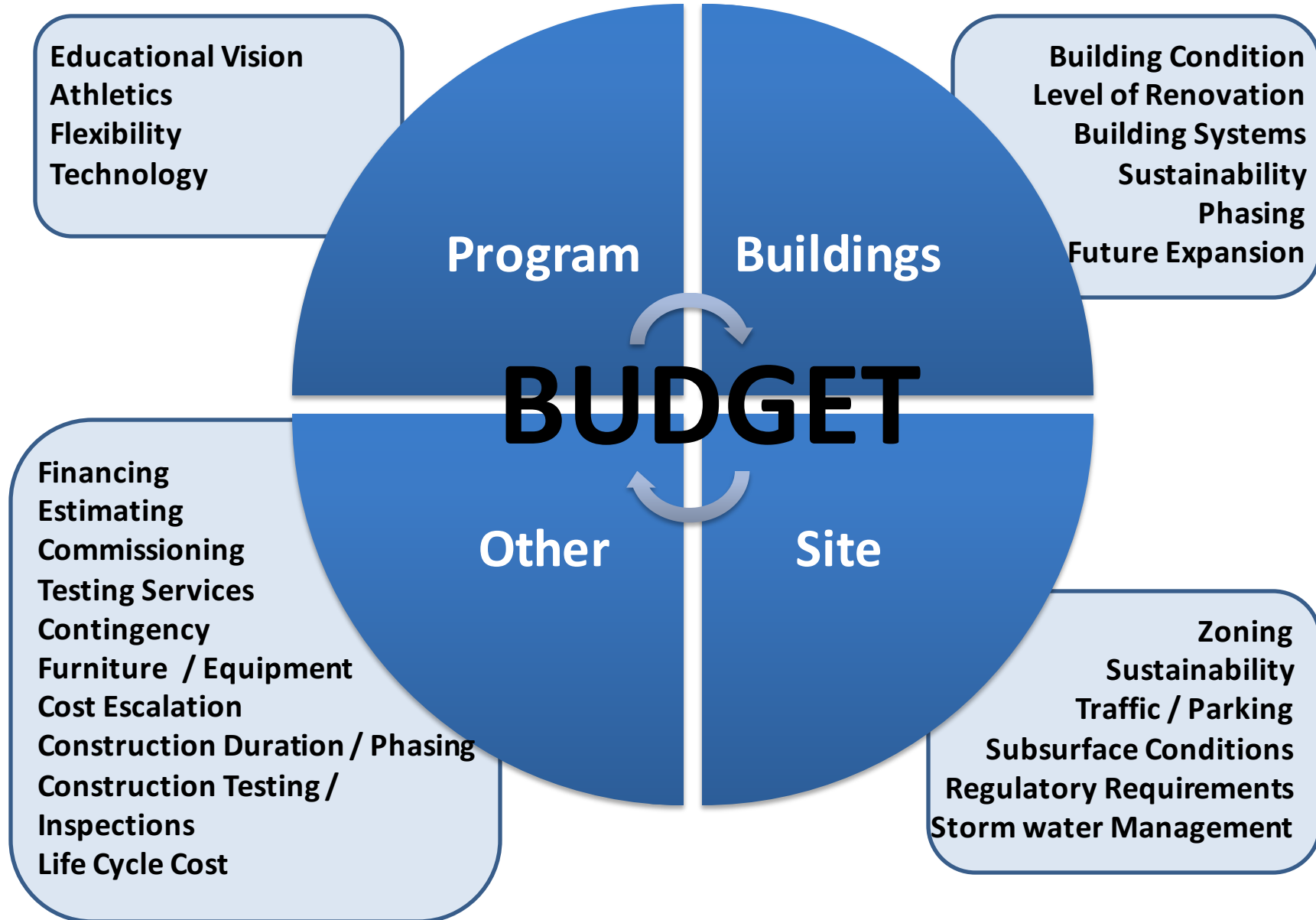
Base Line Renovation Costs

Influencing factors

- Scope of Work, i.e. HVAC system selection
- Scale of the project
- Timing of the project
- Duration of the project; phasing etc.
- Building/ Municipal Requirements
- Other ?



Anatomy of a Budget



Develop understanding of:

- Relationship between parts
- Which elements are flexible or not
- Impact of cost
- Life Cycle cost: lower initial cost, higher operating cost
- Construction Cost vs. Soft Costs
- Total Project Cost
- Other ?

2 Ways to Approach EVERY BUDGET:

- Establish the Scope, then determine cost
- Establish a Maximum Project Cost, then determine the Scope



Base Line Renovation Costs

Todd Lane Elementary		Range	
1	New Construction Site, General, HVAC, EC, PC, Data	TBD	TBD
2	Renovations Site, General, HVAC, EC, PC, Data	\$11,189,000	\$13,132,500
3	Soft Costs Fees, Contingencies Testing, Inspection	TBD	TBD
4	BASE LINE Renovation Costs	\$11,189,000	\$13,132,500
		\$11M	\$13M

- Construction Cost Only & No Additions
- Cost will be adjusted based upon Final Scope of Work or Option Selected by Board



Base Line Renovation Costs

Central Valley Middle School		Range	
1	New Construction Site, General, HVAC, EC, PC, Data	TBD	TBD
2	Renovations Site, General, HVAC, EC, PC, Data	\$13,826,500	\$16,163,750
3	Soft Costs Fees,Contingencies Testing, Inspection	TBD	TBD
4	BASE LINE Renovation Costs	\$13,826,500	\$16,163,750
		\$14M	\$16M

- Construction Cost Only & No Additions
- Cost will be adjusted based upon Final Scope of Work or Option Selected by Board



Base Line Renovation Costs

Central Valley High School		Range	
1	New Construction Site, General, HVAC, EC, PC, Data	TBD	TBD
2	Renovations Site, General, HVAC, EC, PC, Data	\$21,017,500	\$24,431,250
3	Soft Costs Fees, Contingencies Testing, Inspection	TBD	TBD
4	BASE LINE Renovation Costs	\$21,017,500	\$24,431,250
		\$21M	\$24M

- Construction Cost Only & No Additions
- Cost will be adjusted based upon Final Scope of Work or Option Selected by Board

Next Step

- Demographic Assessment (What number to plan for?)
 - Enrollment & Building Capacity Analysis
- Educational Programming Ongoing
 - Determine if new additions are needed
- Assemble **Total Project Cost** Estimate
- Begin Analyzing New vs. Renovation Cost Options

Purpose of the Study is to Prioritize Projects and develop a schedule which meets the Districts financial expectations





CENTRAL VALLEY
SCHOOL DISTRICT

Questions ?

CR

Providing a Client Oriented Approach to Architecture

Crabtree, Rohrbaugh & Associates, Architects