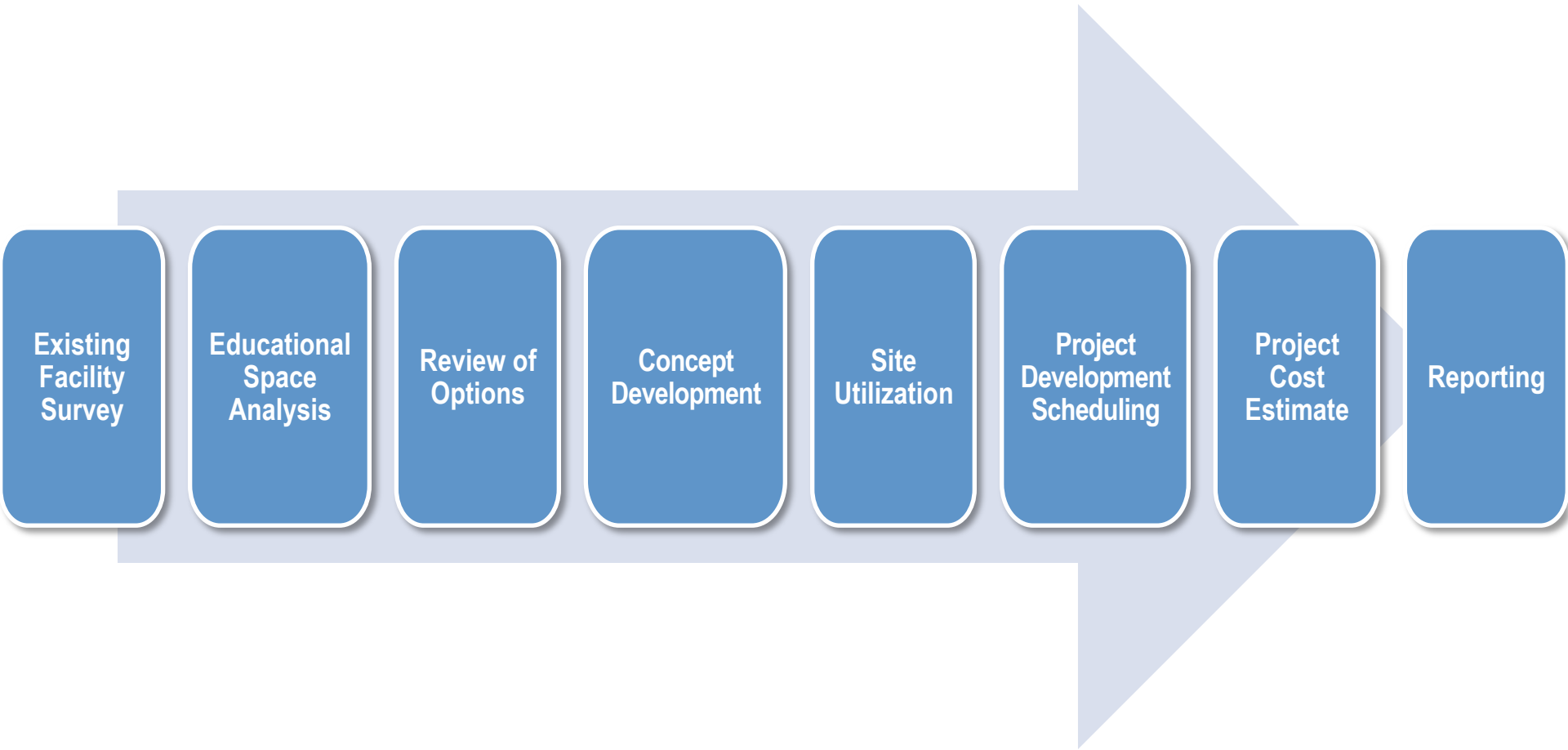


Agenda

1. Process Review (5min)
2. Facility Condition Report(25 min)
3. Educational Capacity Report(25 min)
4. Summary of Deficiencies & Break Out Sessions(30 min)
5. Next Steps(5 min)

The Process



Ripon Area School District

Board core responsibilities guide facility solutions.

Facilities Master Planning

Complete

- Technology Plan
- Enrollment Projections
- Mission & Vision
- Team Selection
- Initial Security Review

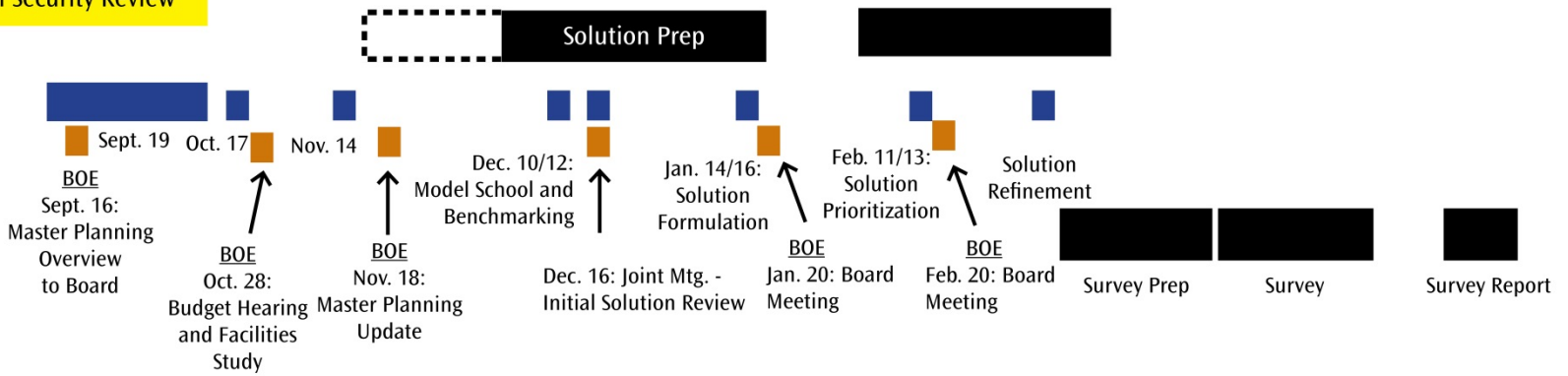
Facility Assessment and Solution Timeline

2013					2014					
Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun

Physical Plant Condition Assessment

Existing Capacity Analysis

Supplemental Security Review



Next Steps: Community Engagement Sessions

Timeline 2013	September 19	October 17	November 14	December 16	January 14 or 16	February 11 or 13
Outcomes	Identify Needs & Wants	Prioritize Needs & Wants	Provide Direction for Solutions	Input to School Board (Regular BOE Meeting)	Solution Formulation	Solution Refinement

What Drives Master Planning?

- Board Core Responsibilities
- Board Planning Retreat
- Board Facilities Committee
- District Administration + Teachers + Staff
- Superintendent Survey
- Enrollment Projections
- Safety & Security Review
- Deteriorating Learning Spaces
- Deferred Maintenance List
- Technology Plan
- **Facility Condition Assessment**
- **Educational Space Analysis**
- Energy Study by ESG
- Understanding the Community Needs & Wants

Overall Summary

1. Your Schools are Well Maintained
2. Big Capital Projects Can't Always be Done within Annual Budgets
3. The Elementary Schools Need some prudent investment in Capital Maintenance, Security and Safety and Minor Educational Space Upgrades
4. The Middle School And High School are not as well positioned well for the future

Facility Condition Assessment

Barlow Park Elementary School Recommendations

- Architectural
- Outdoor Lighting System
- Emergency Power System
- Fire Alarm System



Facility Condition Assessment

Murray Park Elementary School Recommendations

- Architectural
- Lighting System
- Emergency Power System
- Fire Alarm System



Facility Condition Assessment

Ripon Middle School Recommendations

- Architectural
- Heating System
- Cooling System
- Ventilation System



Facility Condition Assessment

Ripon Middle School Recommendations Con't

- Plumbing System
- Lighting System
- Power Distribution System
- Emergency Power System



Facility Condition Assessment

Ripon High School Recommendations

- Architectural
- Heating System
- Cooling System
- Ventilation System



Facility Condition Assessment

Ripon High School Recommendations Con't

- Plumbing System
- Lighting System
- Power Distribution System
- Emergency Power System



Educational Space

- Educational Space Guidelines

- General Classroom Sizes

- Kindergarten 1,200 Sq.Ft.
- 1st- 5th Grades 900 Sq.Ft.
- 6th-8th Grades 850 Sq.Ft.
- 9th-12th Grades 800 Sq.Ft.
- Science (6th-8th Grades) 1,080 Sq.Ft.
- Science (9th-12th Grades) 1,080-1,440 Sq.Ft.
- STEM or Specialty Labs 1,200-1,600 Sq.Ft.

- Room Types

- Cafeteria 12-15 Sq.Ft. per Student per Serving
- IMC (Library) 12 Sq.Ft. per Student (incl. Office, Work, etc)
- Computer Labs 40 Sq.Ft. per Student station

Source: National Clearinghouse for Educational Facilities (NCEF)
Council for Educational Facility Planners International (CEFPI)

Educational Space



Traditional Classroom

Ideal Classroom



Educational Space

We determine Education Space to uncover deficient spaces.

What are deficient spaces?

Total Space < Industry Standard

Do we have deficient space in Ripon?

- Barlow- no
- Murray – yes
- RMS – yes
- RHS – yes

Interior - Educational Space

- How is Capacity determined?

Capacity Enrollment Summary

	Number of Classrooms	Maximum Class Size Capacity 90%	Current Capacity Enrollment	Target Class Size Capacity 90%
Barlow Park Elementary School	19	393	335	342
Murray Park Elementary School	18	405	367	373
Totals:	37	798	702	715
Ripon Middle School		543	380	461
Totals:		543	380	461
Ripon High School		859	575	687
Totals:		859	575	687
Ripon Area School District Schools				
Totals:		2,200	1,657	1,863

Educational Space - Barlow

Ripon Area School District Educational Space Analysis

Building/Program Capacities

Barlow Park Elementary School
Journey Charter School

Current Enrollment and Room Usage - Year 2012/13 Sept 20, 2013

Program	Current Enrollment	Capacity Enrollment	Number of Rooms Used	Number of Students Per Room	Notes
Early Childhood	0				
4 yr old Kindergarten	15	8	1	7.50	68 students at community facilities
Kindergarten	93	93	4	23.25	
First Grade	115	115	6	19.17	
Second Grade	119	119	6	19.83	
Totals:	342	335	17		

Educational Space - Barlow

Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	Early Childhood		0		0
1	4 yr old Kindergarten	23	23	20	20
4	Kindergarten	23	92	20	80
6	First Grade	23	138	20	120
6	Second Grade	23	138	20	120
17	Current Classrooms		391		340
2	Change from Current Use	23	46	20	40
19	Total Classrooms		437		380
			Maximum Capacity		Target Capacity
	Capacity @ 90%		393		342
	Current Enrollment		335		335

Enrollment Projection

	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22
Actual/Projected Enrollment	394	410	417	405	387	342								
Capacity Enrollment	354	367	370	360	348	335								
Maximum Capacity														
Over/(Under)	(39)	(26)	(23)	(33)	(45)	(59)								
Target Capacity														
Over/(Under)	12	25	28	18	6	(8)								

Educational Space - Murray

Ripon Area School District Educational Space Analysis

Building/Program Capacities

Murray Park Elementary School
Quest Charter School

Current Enrollment and Room Usage - Year 2012/13 Sept 20, 2013

Program	Current Enrollment	Number of Rooms Used	Number of Students Per Room	Notes
Third Grade	124	6	20.67	
Fourth Grade	118	6	19.67	
Fifth Grade	125	6	20.83	
Totals:	367	18		

Educational Space - Murray

Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
6	Third Grade	25	150	23	138
6	Fourth Grade	25	150	23	138
6	Fifth Grade	25	150	23	138
18	Current Classrooms		450		414
-	Change from Current Use	25	-	23	-
18	Total Classrooms		450		414
			Maximum Capacity		Target Capacity
	Capacity @ 90%		405		373
	Current Enrollment		367		367

Enrollment Projection

	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22
Actual/Projected Enrollment	403	385	365	359	379	367								
Maximum Capacity														
Over/(Under)	(2)	(20)	(40)	(46)	(26)	(38)								
Target Capacity														
Over/(Under)	30	12	(8)	(14)	6	(6)								

Educational Space - Murray

Deficient Space

Instructional Media Center (IMC) has an Area = 3,350 SF

Capacity = 279 students MPES serves 367 students



Deficient - Educational Space

Ripon High School

Function/Grade	Qty.	Area (SF)	Extn. (SF)	Recommended		Existing Room Numbers
				Area (SF)	Exten. (SF)	
Standard Classrooms	17	775	13,175	800	13,600	
Computer Lab						
LMC	1	3,877	3,877	7,200	7,200	
Band						

Ripon Middle School

Function/Grade	Qty.	Area (SF)	Extn. (SF)	Recommended		Existing Room Numbers
				Area (SF)	Exten. (SF)	
Standard Classrooms	13	779	10,133	850	11,050	
Standard Classrooms	1	907	907	1,100	1,100	

Exterior Educational Space

- Educational Space Guidelines

- Site Size

- Elementary 10 Acres plus 1 Acre per 100 Students
- Middle School 20 Acres plus 1 Acre per 100 Students
- High School 30 Acres plus 1 Acre per 100 Students

- Factors that would affect site size

- Topography
- Trees / vegetation (heavily wooded site)
- Waterways / wetlands
- Soil characteristics
- Zoning / Easements / Setbacks
- Building requirements : Bus drop off, event parking, athletic fields
- District facilities: Administration office, Bus Garage, Buildings/Grounds

Exterior Educational Space

Do we have deficient exterior spaces?

Site Size Needs

- Barlow 342 students requires 14 acres
- Murray 373 students requires 14 acres
- RMS 461 students requires 25 acres
- RHS 687 students requires 37 acres

Site Size Needs

- Barlow + 1 acre
- Murray + 4 acres
- RMS + 11 acres
- RHS + 9 acres

Focus on Middle School

1. Undersized Classrooms
2. Inconsistent Configuration of Classrooms
3. Not Located Correctly for House Concept
4. Water Infiltration
5. Traffic Pattern
6. Lack of Playfields
7. Extensive Capital Maintenance List
8. Difficult to Remodel(Hard Wall Construction)
9. Various Floor Levels and Wayfinding

Focus on High School

1. Undersized Classrooms
2. Undersized Resource/Media
3. Improper Space for STEM
Advanced Learning Spaces
4. Lack of Student-Centered Learning
Spaces
5. Moderate Capital Maintenance List

Focus on Middle School and High School

1. Choose the Top 3 Needs
2. Tell us why the community would agree
3. Brainstorm potential solutions